

Harmful Algae Report

All data between 6/10/2006 and 6/28/2006

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							
	6/20/2006	8:32	Surfc	<i>Fibrocapsa japonica</i> (T)		Present	
	6/20/2006	8:32	Surfc	<i>Karlodinium venificum</i> (T)		Present	
Assawoman Canal							
IR50: Assawoman Canal at N end, marina dock							
	6/20/2006	8:46	Surfc	<i>Heterocapsa rotundata</i> (B)		Present	
	6/20/2006	8:46	Surfc	<i>Karlodinium venificum</i> (T)		Present	
	6/20/2006	8:46	Surfc	<i>Prorocentrum gracile</i> (B)		Common	0.13
LA10: Assawoman Canal @ Kent Ave Bridge							
	6/12/2006	8:00	Surfc	<i>Heterocapsa rotundata</i> (B)		Common	0.10
	6/12/2006	8:00	Surfc	<i>Karlodinium venificum</i> (T)		Present	
	6/20/2006	9:45	Surfc	<i>Akashiwo sanguineum</i> (B)		Present	
	6/20/2006	9:45	Surfc	<i>Chattonella cf. verruculosa</i> (T)		Common	0.11
	6/20/2006	9:45	Surfc	<i>Chattonella subsalsa</i> (T)		Present	
	6/20/2006	9:45	Surfc	<i>Gyrodinium instriatum</i> (B)		Present	
	6/20/2006	9:45	Surfc	<i>Heterocapsa rotundata</i> (B)		Present	
	6/20/2006	9:45	Surfc	<i>Karlodinium venificum</i> (T)		Common	0.13
	6/20/2006	9:45	Surfc	<i>Prorocentrum gracile</i> (B)		Present	
	6/20/2006	9:45	Surfc	<i>Protopeiridium quinquecorne</i> (B)		Present	
	6/26/2006	8:10	Surfc	<i>Chattonella cf. verruculosa</i> (T)		Present	
	6/26/2006	8:10	Surfc	<i>Chattonella subsalsa</i> (T)		Present	
	6/26/2006	8:10	Surfc	<i>Karlodinium venificum</i> (T)		Common	0.15
<u>Bethany Loop Canal</u>							
IR62: Loop Canal, Pa Ave terminus, Bethany Beach							
	6/20/2006	8:20	Surfc	<i>Kryptoperidinium foliaceum</i> (B)		Present	
	6/20/2006	8:20	Surfc	<i>Prorocentrum gracile</i> (B)		Present	
	6/20/2006	8:20	Surfc	<i>Prorocentrum minimum</i> (T)		Present	
	6/20/2006	8:20	Surfc	<i>Protopeiridium quinquecorne</i> (B)		Common	0.10
IR64: Bethany Beach canal off dead end at 3rd street East of Evans Rd.							
	6/20/2006	8:29	Surfc	<i>Chattonella cf. verruculosa</i> (T)		Common	0.32
	6/20/2006	8:29	Surfc	<i>Chattonella subsalsa</i> (T)		Common	0.11
	6/20/2006	8:29	Surfc	<i>Fibrocapsa japonica</i> (T)		Present	
	6/20/2006	8:29	Surfc	<i>Gyrodinium instriatum</i> (B)		Present	
	6/20/2006	8:29	Surfc	<i>Heterosigma akashiwo</i> . (T)		Present	
	6/20/2006	8:29	Surfc	<i>Prorocentrum gracile</i> (B)		Many	1.04
	6/20/2006	8:29	Surfc	<i>Prorocentrum minimum</i> (T)		Common	0.39
	6/20/2006	8:29	Surfc	<i>Protopeiridium quinquecorne</i> (B)		Present	
	6/20/2006	8:29	Surfc	<i>Scrippsiella sp.</i> (B)		Present	

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.

Citizen Monitoring Program

Water Body Tributary Site	Date	Time	Smpl Dpth	Name	Comment if ID uncertain	Abundance	MCL
Atlantic Ocean							
AT01: 1/2 mi outside IR Inlet							
	6/13/2006	7:29	Surfc	<i>Prorocentrum minimum</i> (T)		Present	
	6/13/2006	7:29	Surfc	<i>Prorocentrum sp.</i> (T)		Present	
Broadkill River							
BR01: Broadkill river @ PEL dock.							
	6/21/2006	9:37	Net	<i>Chaetoceros spp.</i> (T)		Present	
	6/21/2006	9:37	Net	<i>Heterocapsa rotundata</i> (B)		Present	
	6/21/2006	9:37	Surfc	<i>Heterocapsa rotundata</i> (B)		Present	
<u>Old Mill Creek</u>							
BR21: Old Mill Creek downstream from Red Mill Pond							
	6/21/2006	12:05	Surfc	<i>Microcystis</i> (T)		Common	0.50
Delaware Bay							
<u>Canary Creek</u>							
BR19: Canary Creek at New Road							
	6/21/2006	9:12	Surfc	<i>Chaetoceros spp.</i> (T)		Common	0.15
	6/21/2006	9:12	Surfc	<i>Kryptoperidinium foliaceum</i> (B)		Present	
BR40: Canary Creek at Pilottown Rd							
	6/21/2006	8:35	Surfc	<i>Heterocapsa rotundata</i> (B)		Common	0.10
	6/21/2006	8:35	Surfc	<i>Heterosigma akashiwo.</i> (T)		Present	
Indian River							
IR04: Warwick Cove							
	6/19/2006	10:00	Surfc	<i>Fibrocapsa japonica</i> (T)		Present	
	6/19/2006	10:00	Surfc	<i>Karlodinium venificum</i> (T)		Present	
	6/19/2006	10:00	Surfc	<i>Rhizosolenia spp.</i> (T)		Present	
IR07: Holt's Landing State Park							
	6/20/2006	9:10	Surfc	<i>Heterocapsa rotundata</i> (B)		Present	
	6/20/2006	9:10	Surfc	<i>Karlodinium venificum</i> (T)		Present	
	6/20/2006	9:10	Surfc	<i>Prorocentrum gracile</i> (B)		Present	
	6/20/2006	9:10	Surfc	<i>Prorocentrum minimum</i> (T)		Present	
	6/20/2006	9:10	Surfc	<i>Skeletonema spp.</i> (B)		Abundant	22.90
IR11: Big Ditch Point							
	6/19/2006	9:00	Surfc	<i>Prorocentrum minimum</i> (T)		Present	
	6/19/2006	9:00	Surfc	<i>Prorocentrum sp.</i> (T)		Present	
IR20: Bay Colony							
	6/19/2006	8:20	Surfc	<i>Karlodinium venificum</i> (T)		Present	
	6/19/2006	8:20	Surfc	<i>Scrippsiella sp.</i> (B)		Present	
IR21: Entrance to Boat House Pond, Indian River Bay							
	6/19/2006	7:00	Surfc	<i>Heterocapsa rotundata</i> (B)		Present	
	6/19/2006	7:00	Surfc	<i>Karlodinium venificum</i> (T)		Present	
	6/19/2006	7:00	Surfc	<i>Kryptoperidinium foliaceum</i> (B)		Present	
	6/19/2006	7:00	Surfc	<i>Prorocentrum minimum</i> (T)		Present	
IR36: James Farm, base of Pasture Point Knee deep 150 yds from shore							
	6/20/2006	9:35	Surfc	<i>Chattonella subsalsa</i> (T)		Present	
	6/20/2006	9:35	Surfc	<i>Prorocentrum gracile</i> (B)		Present	

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.

Citizen Monitoring Program

Water Body Tributary Site	Date	Time	Smpl Dpth	Name	Comment if ID uncertain	Abundance	MCL
Indian River							
IR36: James Farm, base of Pasture Point Knee deep 150 yds from shore							
	6/20/2006	9:35	Surfc	<i>Prorocentrum minimum</i> (T)		Present	
	6/20/2006	9:35	Surfc	<i>Protoperidinium quinquecorne</i> (B)		Present	
	6/20/2006	9:35	Surfc	<i>Scrippsiella sp.</i> (B)		Present	
White Creek							
IR23: Bethany Marina							
	6/20/2006	8:00	Surfc	<i>Heterocapsa rotundata</i> (B)		Present	
	6/20/2006	8:00	Surfc	<i>Prorocentrum gracile</i> (B)		Common	0.47
IR32: Holly Terrace Acres Canal Dead End, White Creek							
	6/12/2006	8:55	Surfc	<i>Akashiwo sanguineum</i> (B)		Present	
	6/12/2006	8:55	Surfc	<i>Karlodinium venificum</i> (T)		Common	0.28
	6/12/2006	8:55	Surfc	<i>Kryptoperidinium foliaceum</i> (B)		Present	
	6/12/2006	8:55	Surfc	<i>Prorocentrum gracile</i> (B)		Abundant	20.50
	6/12/2006	8:55	Surfc	<i>Prorocentrum minimum</i> (T)		Many	2.40
	6/12/2006	8:55	Surfc	<i>Protoperidinium quinquecorne</i> (B)		Present	
	6/14/2006	8:30	Surfc	<i>Akashiwo sanguineum</i> (B)		Present	
	6/14/2006	8:30	Surfc	<i>Karlodinium venificum</i> (T)		Common	0.19
	6/14/2006	8:30	Surfc	<i>Kryptoperidinium foliaceum</i> (B)		Present	
	6/14/2006	8:30	Surfc	<i>Prorocentrum gracile</i> (B)		Abundant	39.60
	6/14/2006	8:30	Surfc	<i>Prorocentrum minimum</i> (T)		Many	1.98
	6/14/2006	8:30	Surfc	<i>Protoperidinium quinquecorne</i> (B)		Common	0.10
	6/14/2006	8:30	Surfc	<i>Scrippsiella sp.</i> (B)		Present	
	6/15/2006	8:54	Surfc	<i>Akashiwo sanguineum</i> (B)		Present	
	6/15/2006	8:54	Surfc	<i>Chattonella subsalsa</i> (T)		Present	
	6/15/2006	8:54	Surfc	<i>Heterocapsa rotundata</i> (B)		Present	
	6/15/2006	8:54	Surfc	<i>Karlodinium venificum</i> (T)		Common	0.21
	6/15/2006	8:54	Surfc	<i>Prorocentrum gracile</i> (B)		Abundant	10.30
	6/15/2006	8:54	Surfc	<i>Prorocentrum minimum</i> (T)		Present	
	6/15/2006	8:54	Surfc	<i>Protoperidinium quinquecorne</i> (B)		Common	0.16
	6/15/2006	8:54	Surfc	<i>Scrippsiella sp.</i> (B)		Present	
	6/19/2006	9:37	Surfc	<i>Karlodinium venificum</i> (T)		Common	0.11
	6/19/2006	9:37	Surfc	<i>Prorocentrum gracile</i> (B)		Abundant	26.40
	6/19/2006	9:37	Surfc	<i>Prorocentrum minimum</i> (T)		Many	2.64
	6/19/2006	9:37	Surfc	<i>Protoperidinium quinquecorne</i> (B)		Present	
	6/19/2006	9:37	Surfc	<i>Scrippsiella sp.</i> (B)		Present	
	6/22/2006	9:06	Surfc	<i>Chattonella subsalsa</i> (T)		Present	
	6/22/2006	9:06	Surfc	<i>Karlodinium venificum</i> (T)		Common	0.41
	6/22/2006	9:06	Surfc	<i>Prorocentrum gracile</i> (B)		Abundant	21.80
	6/22/2006	9:06	Surfc	<i>Prorocentrum minimum</i> (T)		Present	
	6/22/2006	9:06	Surfc	<i>Protoperidinium quinquecorne</i> (B)		Present	
	6/26/2006	9:38	Surfc	<i>Chattonella cf. verruculosa</i> (T)		Present	
	6/26/2006	9:38	Surfc	<i>Chattonella subsalsa</i> (T)		Present	
	6/26/2006	9:38	Surfc	<i>Karlodinium venificum</i> (T)		Common	0.20
	6/26/2006	9:38	Surfc	<i>Kryptoperidinium foliaceum</i> (B)		Present	

Name subscripts: (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.

Citizen Monitoring Program

Water Body Tributary Site	Date	Time	Smpl Dpth	Name	Comment if ID uncertain	Abundance	MCL
Indian River							
<u>White Creek</u>							
IR32: Holly Terrace Acres Canal Dead End, White Creek							
	6/26/2006	9:38	Surfc	<i>Prorocentrum gracile</i> (B)		Present	
	6/26/2006	9:38	Surfc	<i>Prorocentrum minimum</i> (T)		Present	
	6/26/2006	9:38	Surfc	<i>Protoperidinium quinquecorne</i> (B)		Present	
	6/26/2006	9:38	Surfc	<i>Scrippsiella</i> sp. (B)		Present	
IR60A: 4 Cristy Lane, Ocean View; E Branch of White Creek							
	6/20/2006	8:55	Surfc	<i>Chattonella</i> cf. <i>verruculosa</i> (T)		Present	
	6/20/2006	8:55	Surfc	<i>Chattonella subsalsa</i> (T)		Common	0.40
	6/20/2006	8:55	Surfc	<i>Prorocentrum gracile</i> (B)		Common	0.28
	6/20/2006	8:55	Surfc	<i>Prorocentrum minimum</i> (T)		Present	
	6/20/2006	8:55	Surfc	<i>Protoperidinium quinquecorne</i> (B)		Common	0.34
Lewes - Rehoboth Canal							
RB02: Lewes - Rehoboth Canal at Lewes							
	6/13/2006	8:00	Net	<i>Ditylum</i> spp. (T)		Present	
	6/13/2006	8:00	Net	<i>Karlodinium venificum</i> (T)		Present	
	6/13/2006	8:00	Net	<i>Prorocentrum minimum</i> (T)		Present	
	6/13/2006	8:00	Net	<i>Rhizosolenia</i> spp. (T)		Present	
	6/13/2006	8:00	Surfc	"Gymnodinioid" sp. (S)	25-40 um Grn	Present	
	6/13/2006	8:00	Surfc	<i>Heterocapsa rotundata</i> (B)		Present	
	6/20/2006	8:00	Net	<i>Heterocapsa rotundata</i> (B)		Present	
	6/20/2006	8:00	Net	<i>Heterocapsa triquetra</i> (B)		Present	
	6/20/2006	8:00	Net	<i>Karlodinium venificum</i> (T)		Present	
	6/20/2006	8:00	Surfc	<i>Heterocapsa rotundata</i> (B)		Common	0.10
	6/20/2006	8:00	Surfc	<i>Karlodinium venificum</i> (T)		Present	
	6/27/2006	8:30	Net	<i>Heterocapsa rotundata</i> (B)		Present	
	6/27/2006	8:30	Surfc	<i>Chaetoceros</i> spp. (T)		Present	
	6/27/2006	8:30	Surfc	<i>Heterocapsa rotundata</i> (B)		Present	
Little Assawoman Bay							
LA35B: Red Channel marker #28, across from Miller Creek							
	6/14/2006	7:10	Surfc	<i>Heterocapsa rotundata</i> (B)		Present	
	6/14/2006	7:10	Surfc	<i>Karlodinium venificum</i> (T)		Present	
LA42B: Narrows, South of state beach at point							
	6/14/2006	7:15	Surfc	<i>Akashiwo sanguineum</i> (B)		Present	
	6/14/2006	7:15	Surfc	<i>Heterocapsa rotundata</i> (B)		Present	
	6/14/2006	7:15	Surfc	<i>Karlodinium venificum</i> (T)		Common	0.14
LA45: Fenwick Island Bayside							
	6/20/2006	8:50	Surfc	<i>Karlodinium venificum</i> (T)		Present	
<u>Dirickson Creek</u>							
LA03: Mulberry Landing							
	6/19/2006	8:45	Surfc	"Gymnodinioid" sp. (S)	10-15 um Grn	Present	
	6/19/2006	8:45	Surfc	<i>Chattonella</i> cf. <i>verruculosa</i> (T)		Present	
	6/19/2006	8:45	Surfc	<i>Chattonella subsalsa</i> (T)		Present	
	6/19/2006	8:45	Surfc	<i>Heterocapsa rotundata</i> (B)		Present	

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.

Citizen Monitoring Program

Water Body Tributary Site	Date	Time	Smpl Dpth	Name	Comment if ID uncertain	Abundance	MCL
Little Assawoman Bay							
<u>Dirickson Creek</u>							
LA03: Mulberry Landing							
	6/19/2006	8:45	Surfc	<i>Heterosigma akashiwo. (T)</i>		Present	
	6/19/2006	8:45	Surfc	<i>Karlodinium venificum (T)</i>		Present	
	6/22/2006	10:45	Surfc	<i>Chattonella subsalsa (T)</i>		Present	
	6/22/2006	10:45	Surfc	<i>Heterocapsa rotundata (B)</i>		Common	0.11
	6/22/2006	10:45	Surfc	<i>Karlodinium venificum (T)</i>		Common	0.40
LA09: Dirickson Creek at Road 381 bridge.							
	6/19/2006	9:30	Surfc	<i>"Gymnodinioid" sp. (S)</i>	10-15 um Grn	Present	
	6/19/2006	9:30	Surfc	<i>Gyrodinium instriatum (B)</i>		Common	0.32
	6/19/2006	9:30	Surfc	<i>Heterocapsa rotundata (B)</i>		Present	
	6/19/2006	9:30	Surfc	<i>Karlodinium venificum (T)</i>		Present	
	6/19/2006	9:30	Surfc	<i>Kryptoperidinium foliaceum (B)</i>		Present	
	6/19/2006	9:30	Surfc	<i>Protopteridinium quinquecorne (B)</i>		Common	0.39
LA20: Swann Keys: boat ramp at S end of Blue Teal Rd							
	6/20/2006	8:20	Surfc	<i>Chattonella cf. verruculosa (T)</i>		Present	
	6/20/2006	8:20	Surfc	<i>Gyrodinium instriatum (B)</i>		Common	0.10
	6/20/2006	8:20	Surfc	<i>Heterosigma akashiwo. (T)</i>		Common	0.51
	6/20/2006	8:20	Surfc	<i>Karlodinium venificum (T)</i>		Common	0.15
	6/20/2006	8:20	Surfc	<i>Kryptoperidinium foliaceum (B)</i>		Present	
	6/20/2006	8:20	Surfc	<i>Protopteridinium quinquecorne (B)</i>		Present	
<u>Jefferson Creek</u>							
SB07: Layton Canal, South Bethany							
	6/26/2006	8:51	Surfc	<i>Akashiwo sanguineum (B)</i>		Present	
	6/26/2006	8:51	Surfc	<i>Heterosigma akashiwo. (T)</i>		Present	
	6/26/2006	8:51	Surfc	<i>Karlodinium venificum (T)</i>		Present	
SB10E: SB: Russell Canal east dead end							
	6/12/2006	8:32	Surfc	<i>Chattonella cf. verruculosa (T)</i>		Present	
	6/12/2006	8:32	Surfc	<i>Gyrodinium instriatum (B)</i>		Present	
	6/12/2006	8:32	Surfc	<i>Heterosigma akashiwo. (T)</i>		Present	
	6/12/2006	8:32	Surfc	<i>Karlodinium venificum (T)</i>		Common	0.13
	6/12/2006	8:32	Surfc	<i>Kryptoperidinium foliaceum (B)</i>		Present	
	6/12/2006	8:32	Surfc	<i>Prorocentrum minimum (T)</i>		Present	
	6/12/2006	8:32	Surfc	<i>Protopteridinium quinquecorne (B)</i>		Present	
	6/13/2006	8:05	Surfc	<i>"Gymnodinioid" sp. (S)</i>	10-15 um Grn	Common	0.11
	6/13/2006	8:05	Surfc	<i>Chattonella subsalsa (T)</i>		Present	
	6/13/2006	8:05	Surfc	<i>Heterosigma akashiwo. (T)</i>		Common	0.31
	6/13/2006	8:05	Surfc	<i>Karlodinium venificum (T)</i>		Many	1.32
	6/15/2006	8:28	Surfc	<i>Chattonella subsalsa (T)</i>		Present	
	6/15/2006	8:28	Surfc	<i>Karlodinium venificum (T)</i>		Present	
	6/19/2006	8:45	Surfc	<i>Chattonella cf. verruculosa (T)</i>		Many	7.48
	6/19/2006	8:45	Surfc	<i>Chattonella subsalsa (T)</i>		Present	
	6/19/2006	8:45	Surfc	<i>Heterosigma akashiwo. (T)</i>		Present	

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.

Citizen Monitoring Program

Water Body Tributary Site	Date	Time	Smpl Dpth	Name	Comment if ID uncertain	Abundance	MCL
Little Assawoman Bay							
<u>Jefferson Creek</u>							
SB10E: SB: Russell Canal east dead end							
	6/19/2006	8:45	Surfc	<i>Karlodinium venificum</i> (T)		Present	
	6/22/2006	8:40	Surfc	<i>Chattonella cf. verruculosa</i> (T)		Abundant	88.20
	6/22/2006	8:40	Surfc	<i>Chattonella subsalsa</i> (T)		Common	0.10
	6/22/2006	8:40	Surfc	<i>Fibrocapsa japonica</i> (T)		Present	
	6/22/2006	8:40	Surfc	<i>Gyrodinium instriatum</i> (B)		Present	
	6/22/2006	8:40	Surfc	<i>Karlodinium venificum</i> (T)		Common	0.65
	6/22/2006	8:40	Surfc	<i>Kryptoperidinium foliaceum</i> (B)		Present	
	6/22/2006	12:12	Surfc	<i>Chattonella cf. verruculosa</i> (T)		Very Abundant	106.00
	6/22/2006	12:12	Surfc	<i>Chattonella subsalsa</i> (T)		Common	0.10
	6/22/2006	12:12	Surfc	<i>Gyrodinium instriatum</i> (B)		Common	0.17
	6/22/2006	12:12	Surfc	<i>Karlodinium venificum</i> (T)		Many	3.30
	6/22/2006	12:12	Surfc	<i>Kryptoperidinium foliaceum</i> (B)		Many	2.20
	6/22/2006	12:12	Surfc	<i>Protoperidinium quinquecorne</i> (B)		Present	
	6/26/2006	9:07	Surfc	<i>Chattonella cf. verruculosa</i> (T)		Abundant	25.10
	6/26/2006	9:07	Surfc	<i>Chattonella subsalsa</i> (T)		Common	0.15
	6/26/2006	9:07	Surfc	<i>Heterosigma akashiwo</i> . (T)		Present	
	6/26/2006	9:07	Surfc	<i>Protoperidinium quinquecorne</i> (B)		Present	
SB10W: SB: Russell Canal west dead end							
	6/12/2006	8:38	Surfc	<i>Chattonella cf. verruculosa</i> (T)		Common	0.82
	6/12/2006	8:38	Surfc	<i>Chattonella subsalsa</i> (T)		Present	
	6/12/2006	8:38	Surfc	<i>Gyrodinium instriatum</i> (B)		Present	
	6/12/2006	8:38	Surfc	<i>Heterocapsa rotundata</i> (B)		Present	
	6/12/2006	8:38	Surfc	<i>Heterosigma akashiwo</i> . (T)		Present	
	6/12/2006	8:38	Surfc	<i>Karlodinium venificum</i> (T)		Common	0.38
	6/12/2006	8:38	Surfc	<i>Kryptoperidinium foliaceum</i> (B)		Present	
	6/12/2006	8:38	Surfc	<i>Protoperidinium quinquecorne</i> (B)		Present	
	6/13/2006	8:00	Surfc	" <i>Gymnodinioid</i> " sp. (S)	10-15 um Grn	Present	
	6/13/2006	8:00	Surfc	<i>Akashiwo sanguineum</i> (B)		Present	
	6/13/2006	8:00	Surfc	<i>Chattonella cf. verruculosa</i> (T)		Common	0.40
	6/13/2006	8:00	Surfc	<i>Chattonella subsalsa</i> (T)		Present	
	6/13/2006	8:00	Surfc	<i>Gyrodinium instriatum</i> (B)		Present	
	6/13/2006	8:00	Surfc	<i>Heterocapsa rotundata</i> (B)		Present	
	6/13/2006	8:00	Surfc	<i>Heterosigma akashiwo</i> . (T)		Present	
	6/13/2006	8:00	Surfc	<i>Karlodinium venificum</i> (T)		Common	0.56
	6/13/2006	8:00	Surfc	<i>Protoperidinium quinquecorne</i> (B)		Present	
	6/13/2006	8:00	Surfc	<i>Scrippsiella</i> sp. (B)		Present	
	6/15/2006	8:37	Surfc	<i>Chattonella cf. verruculosa</i> (T)		Common	0.17
	6/15/2006	8:37	Surfc	<i>Chattonella subsalsa</i> (T)		Present	
	6/15/2006	8:37	Surfc	<i>Heterocapsa rotundata</i> (B)		Present	
	6/15/2006	8:37	Surfc	<i>Heterosigma akashiwo</i> . (T)		Present	
	6/15/2006	8:37	Surfc	<i>Karlodinium venificum</i> (T)		Present	

Name subscripts: (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.

Citizen Monitoring Program

Water Body Tributary Site	Date	Time	Smpl Dpth	Name	Comment if ID uncertain	Abundance	MCL
---------------------------------	------	------	--------------	------	----------------------------	-----------	-----

Little Assawoman Bay

Jefferson Creek

SB10W: SB: Russell Canal west dead end

6/15/2006	8:37	Surfc		<i>Prorocentrum gracile (B)</i>		Present	
6/15/2006	8:37	Surfc		<i>Protoperidinium quinquecorne (B)</i>		Present	
6/19/2006	9:05	Surfc		<i>Chattonella cf. verruculosa (T)</i>		Many	1.66
6/19/2006	9:05	Surfc		<i>Chattonella subsalsa (T)</i>		Common	0.19
6/19/2006	9:05	Surfc		<i>Fibrocapsa japonica (T)</i>		Present	
6/19/2006	9:05	Surfc		<i>Gyrodinium instriatum (B)</i>		Present	
6/19/2006	9:05	Surfc		<i>Heterosigma akashiwo. (T)</i>		Present	
6/19/2006	9:05	Surfc		<i>Karlodinium venificum (T)</i>		Common	0.19
6/19/2006	9:05	Surfc		<i>Scrippsiella sp. (B)</i>		Present	
6/22/2006	8:47	Surfc		<i>Chattonella cf. verruculosa (T)</i>		Common	0.36
6/22/2006	8:47	Surfc		<i>Chattonella subsalsa (T)</i>		Present	
6/22/2006	8:47	Surfc		<i>Heterocapsa rotundata (B)</i>		Present	
6/22/2006	8:47	Surfc		<i>Karlodinium venificum (T)</i>		Common	0.15
6/22/2006	8:47	Surfc		<i>Kryptoperidinium foliaceum (B)</i>		Present	
6/22/2006	8:47	Surfc		<i>Protoperidinium quinquecorne (B)</i>		Present	
6/26/2006	9:15	Surfc		<i>Akashiwo sanguineum (B)</i>		Present	
6/26/2006	9:15	Surfc		<i>Chattonella cf. verruculosa (T)</i>		Abundant	30.60
6/26/2006	9:15	Surfc		<i>Chattonella subsalsa (T)</i>		Common	0.29
6/26/2006	9:15	Surfc		<i>Fibrocapsa japonica (T)</i>		Present	
6/26/2006	9:15	Surfc		<i>Heterocapsa rotundata (B)</i>		Present	
6/26/2006	9:15	Surfc		<i>Karlodinium venificum (T)</i>		Common	0.10

Miller Creek

LA31: Double Bridges road bridge at Plantation Park

6/21/2006	8:20	Surfc		<i>Gyrodinium instriatum (B)</i>		Present	
6/21/2006	8:20	Surfc		<i>Heterosigma akashiwo. (T)</i>		Present	
6/21/2006	8:20	Surfc		<i>Karlodinium venificum (T)</i>		Common	0.14
6/21/2006	8:20	Surfc		<i>Prorocentrum minimum (T)</i>		Present	
6/21/2006	8:20	Surfc		<i>Protoperidinium quinquecorne (B)</i>		Present	

LA33: Camp Barnes dock

6/22/2006	9:30	Surfc		<i>Chattonella subsalsa (T)</i>		Many	4.80
6/22/2006	9:30	Surfc		<i>Heterocapsa rotundata (B)</i>		Present	
6/22/2006	9:30	Surfc		<i>Karlodinium venificum (T)</i>		Common	0.29
6/27/2006	9:45	Surfc		<i>Chattonella cf. verruculosa (T)</i>		Present	
6/27/2006	9:45	Surfc		<i>Heterocapsa rotundata (B)</i>		Common	0.10
6/27/2006	9:45	Surfc		<i>Karlodinium venificum (T)</i>		Common	0.16

LA33B: Camp Barnes dock - by boat

6/14/2006	7:00	Surfc		<i>Gyrodinium instriatum (B)</i>		Present	
6/14/2006	7:00	Surfc		<i>Heterocapsa rotundata (B)</i>		Present	
6/14/2006	7:00	Surfc		<i>Karlodinium venificum (T)</i>		Present	
6/14/2006	7:00	Surfc		<i>Protoperidinium quinquecorne (B)</i>		Present	

Williams Creek

Name subscripts: (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.

Citizen Monitoring Program

Water Body Tributary Site	Date	Time	Smpl Dpth	Name	Comment if ID uncertain	Abundance	MCL
Little Assawoman Bay							
<u>Williams Creek</u>							
LA21: Williams Creek tributary, bridge on Rd 364a							
	6/19/2006	9:15	Surfc	"Gymnodinioid" sp. (S)	10-15 um Grn	Present	
	6/19/2006	9:15	Surfc	Karlodinium venificum (T)		Present	
	6/19/2006	9:15	Surfc	Kryptoperidinium foliaceum (B)		Common	0.16
	6/19/2006	9:15	Surfc	Protoperidinium quinquecorne (B)		Many	1.10
	6/22/2006	11:50	Surfc	Gyrodinium instriatum (B)		Present	
	6/22/2006	11:50	Surfc	Heterocapsa rotundata (B)		Common	0.16
	6/22/2006	11:50	Surfc	Heterosigma akashiwo. (T)		Many	2.10
	6/22/2006	11:50	Surfc	Kryptoperidinium foliaceum (B)		Common	0.14
	6/22/2006	11:50	Surfc	Prorocentrum minimum (T)		Present	
	6/22/2006	11:50	Surfc	Protoperidinium quinquecorne (B)		Many	2.23
Rehoboth Bay							
RB07: West Bay Park							
	6/20/2006	8:35	Surfc	Prorocentrum gracile (B)		Present	
<u>Bald Eagle Creek</u>							
RB46: Torquay Canal at East bulkhead on Land's End.							
	6/20/2006	10:15	Surfc	Akashiwo sanguineum (B)		Present	
	6/20/2006	10:15	Surfc	Chattonella cf. verruculosa (T)		Many	1.05
	6/20/2006	10:15	Surfc	Heterocapsa rotundata (B)		Present	
	6/20/2006	10:15	Surfc	Karlodinium venificum (T)		Common	0.84
	6/22/2006	13:04	Surfc	Chattonella cf. verruculosa (T)		Common	0.42
	6/22/2006	13:04	Surfc	Gyrodinium instriatum (B)		Present	
	6/22/2006	13:04	Surfc	Heterosigma akashiwo. (T)		Present	
	6/22/2006	13:04	Surfc	Karlodinium venificum (T)		Common	0.36
RB46B: Torquay Canal by boat; UD Site 2							
	6/22/2006	10:30	.2 m	Chattonella cf. verruculosa (T)		Many	4.92
	6/22/2006	10:30	.2 m	Chattonella subsalsa (T)		Present	
	6/22/2006	10:30	.2 m	Gyrodinium instriatum (B)		Present	
	6/22/2006	10:30	.2 m	Heterocapsa rotundata (B)		Present	
	6/22/2006	10:30	.2 m	Karlodinium venificum (T)		Common	0.40
	6/22/2006	10:30	.2 m	Kryptoperidinium foliaceum (B)		Common	0.13
RB47B: Bald Eagle Creek - by boat; UD Site 9							
	6/22/2006	11:00	.2 m	Chattonella cf. verruculosa (T)		Common	0.94
	6/22/2006	11:00	.2 m	Gyrodinium instriatum (B)		Present	
	6/22/2006	11:00	.2 m	Heterocapsa rotundata (B)		Present	
	6/22/2006	11:00	.2 m	Karlodinium venificum (T)		Common	0.45
	6/22/2006	11:00	.2 m	Prorocentrum gracile (B)		Present	
RB65B: Torquay Canal, UD Site 5							
	6/22/2006	10:00	.2 m	Chattonella cf. verruculosa (T)		Many	7.70
	6/22/2006	10:00	.2 m	Gyrodinium instriatum (B)		Present	
	6/22/2006	10:00	.2 m	Heterocapsa rotundata (B)		Common	0.13
	6/22/2006	10:00	.2 m	Heterosigma akashiwo. (T)		Present	
	6/22/2006	10:00	.2 m	Karlodinium venificum (T)		Common	0.38

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.

Citizen Monitoring Program

Water Body Tributary Site	Date	Time	Smpl Dpth	Name	Comment if ID uncertain	Abundance	MCL
Rehoboth Bay							
<u>Guinea Creek</u>							
RB05: Mouth of Guinea Creek (Pot Nets Creekside)							
	6/19/2006	12:15	Surfc	<i>Chattonella cf. verruculosa</i> (T)		Present	
	6/19/2006	12:15	Surfc	<i>Heterocapsa rotundata</i> (B)		Present	
	6/19/2006	12:15	Surfc	<i>Karlodinium venificum</i> (T)		Present	
RB06: Guinea Creek (Winding Creek Village)							
	6/19/2006	8:30	Surfc	<i>Gyrodinium instriatum</i> (B)		Present	
	6/19/2006	8:30	Surfc	<i>Heterocapsa rotundata</i> (B)		Present	
	6/19/2006	8:30	Surfc	<i>Karlodinium venificum</i> (T)		Present	
RB06A: Guinea Creek @ Rd 298 Bridge							
	6/19/2006	12:48	Surfc	<i>Chattonella cf. verruculosa</i> (T)		Present	
	6/19/2006	12:48	Surfc	<i>Chattonella subsalsa</i> (T)		Common	0.64
	6/19/2006	12:48	Surfc	<i>Protoperidinium quinquecorne</i> (B)		Present	
RB60: Community Dock at Creek's End							
	6/19/2006	10:00	Surfc	<i>Akashiwo sanguineum</i> (B)		Present	
	6/19/2006	10:00	Surfc	<i>Chattonella cf. verruculosa</i> (T)		Present	
	6/19/2006	10:00	Surfc	<i>Chattonella subsalsa</i> (T)		Common	0.14
	6/19/2006	10:00	Surfc	<i>Heterocapsa rotundata</i> (B)		Present	
	6/19/2006	10:00	Surfc	<i>Heterosigma akashiwo</i> . (T)		Present	
	6/19/2006	10:00	Surfc	<i>Karlodinium venificum</i> (T)		Common	0.29
	6/19/2006	10:00	Surfc	<i>Prorocentrum gracile</i> (B)		Present	
<u>Herring Creek</u>							
RB04: Herring Creek, Mid-Section							
	6/20/2006	11:30	Surfc	<i>Akashiwo sanguineum</i> (B)		Present	
	6/20/2006	11:30	Surfc	<i>Heterocapsa rotundata</i> (B)		Present	
	6/20/2006	11:30	Surfc	<i>Heterosigma akashiwo</i> . (T)		Present	
<u>Love Creek</u>							
RB34: Love Creek at Rt 24 Bridge							
	6/12/2006	9:35	Surfc	<i>Gyrodinium instriatum</i> (B)		Many	1.44
	6/12/2006	9:35	Surfc	<i>Heterocapsa rotundata</i> (B)		Present	
	6/12/2006	9:35	Surfc	<i>Heterosigma akashiwo</i> . (T)		Present	
	6/12/2006	9:35	Surfc	<i>Karlodinium venificum</i> (T)		Common	0.15
	6/12/2006	9:35	Surfc	<i>Prorocentrum gracile</i> (B)		Present	
	6/12/2006	9:35	Surfc	<i>Protoperidinium quinquecorne</i> (B)		Present	
	6/15/2006	9:32	Surfc	<i>Gyrodinium instriatum</i> (B)		Common	0.39
	6/15/2006	9:32	Surfc	<i>Karlodinium venificum</i> (T)		Present	
	6/15/2006	9:32	Surfc	<i>Protoperidinium quinquecorne</i> (B)		Present	
	6/19/2006	10:10	Surfc	<i>Chattonella cf. verruculosa</i> (T)		Present	
	6/19/2006	10:10	Surfc	<i>Gyrodinium instriatum</i> (B)		Common	0.41
	6/19/2006	10:10	Surfc	<i>Karlodinium venificum</i> (T)		Present	
	6/19/2006	10:10	Surfc	<i>Protoperidinium quinquecorne</i> (B)		Present	
	6/22/2006	9:45	Surfc	<i>Chattonella cf. verruculosa</i> (T)		Present	
	6/22/2006	9:45	Surfc	<i>Gyrodinium instriatum</i> (B)		Present	

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.

Citizen Monitoring Program

Water Body Tributary Site	Date	Time	Smpl Dpth	Name	Comment if ID uncertain	Abundance	MCL
Rehoboth Bay							
<u>Love Creek</u>							
RB34: Love Creek at Rt 24 Bridge							
	6/22/2006	9:45	Surfc	<i>Karlodinium venificum (T)</i>		Present	
	6/26/2006	10:26	Surfc	" <i>Gymnodinioid</i> " sp. (S)	10-15 um Grn	Present	
	6/26/2006	10:26	Surfc	<i>Heterosigma akashiwo. (T)</i>		Present	
	6/26/2006	10:26	Surfc	<i>Kryptoperidinium foliaceum (B)</i>		Present	

Name subscripts: (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.

Citizen Monitoring Program