

Harmful Algae Report

All data between 4/1/2006 and 5/25/2006

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							
	4/18/2006	9:05	Surfc	<i>Heterocapsa rotundata</i> (B)		Present	
	4/18/2006	9:05	Surfc	<i>Karlodinium micrum</i> (T)		Present	
	4/18/2006	9:05	Surfc	<i>Prorocentrum minimum</i> (T)		Present	
	5/9/2006	9:10	Surfc	<i>Karlodinium micrum</i> (T)		Present	
	5/9/2006	9:10	Surfc	<i>Prorocentrum minimum</i> (T)		Present	
	5/23/2006	9:04	Surfc	<i>Karlodinium micrum</i> (T)		Present	
	5/23/2006	9:04	Surfc	<i>Prorocentrum minimum</i> (T)		Present	
Assawoman Canal							
IR50: Assawoman Canal at N end, marina dock							
	4/18/2006	8:40	Surfc	<i>Heterocapsa rotundata</i> (B)		Present	
	5/9/2006	8:25	Net	<i>Akashiwo sanguineum</i> (B)		Present	
	5/9/2006	8:25	Net	<i>Chaetoceros spp.</i> (T)		Present	
	5/9/2006	8:25	Net	<i>Dinophysis acuminata</i> (T)		Present	
	5/9/2006	8:25	Net	<i>Karlodinium micrum</i> (T)		Present	
	5/9/2006	8:25	Net	<i>Prorocentrum micans</i> (B)		Present	
	5/9/2006	8:25	Surfc	<i>Chaetoceros spp.</i> (T)		Many	5.98
	5/9/2006	8:25	Surfc	<i>Karlodinium micrum</i> (T)		Present	
	5/23/2006	8:33	Surfc	<i>Chaetoceros spp.</i> (T)		Common	0.19
	5/23/2006	8:33	Surfc	<i>Heterocapsa rotundata</i> (B)		Present	
	5/23/2006	8:33	Surfc	<i>Karlodinium micrum</i> (T)		Present	
LA10: Assawoman Canal @ Kent Ave Bridge							
	4/3/2006	9:15	Surfc	<i>Chaetoceros spp.</i> (T)		Common	0.40
	4/3/2006	9:15	Surfc	<i>Heterocapsa rotundata</i> (B)		Present	
	4/3/2006	9:15	Surfc	<i>Karlodinium micrum</i> (T)		Common	0.10
	4/17/2006	8:20	Surfc	<i>Heterocapsa rotundata</i> (B)		Present	
	5/1/2006	8:05	Surfc	<i>Chaetoceros spp.</i> (T)		Common	0.38
	5/1/2006	8:05	Surfc	<i>Heterocapsa rotundata</i> (B)		Present	
	5/7/2006	9:05	Surfc	<i>Chaetoceros spp.</i> (T)		Many	1.55
	5/7/2006	9:05	Surfc	<i>Heterocapsa triquetra</i> (B)		Present	
	5/7/2006	9:05	Surfc	<i>Protoperidinium quinquecorne</i> (B)		Present	
	5/22/2006	8:15	Surfc	<i>Heterocapsa triquetra</i> (B)		Present	
	5/22/2006	8:15	Surfc	<i>Karlodinium micrum</i> (T)		Present	
<u>Bethany Loop Canal</u>							
IR62: Loop Canal, Pa Ave terminus, Bethany Beach							
	4/3/2006	10:47	Surfc	<i>Dinophysis acuminata</i> (T)		Present	0.01
	4/3/2006	10:47	Surfc	<i>Kryptoperidinium foliaceum</i> (B)		Present	
	4/17/2006	9:47	Surfc	<i>Dinophysis acuminata</i> (T)		Present	0.03

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
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Assawoman Canal

Bethany Loop Canal

IR62: Loop Canal, Pa Ave terminus, Bethany Beach

4/17/2006	9:47	Surfc		<i>Heterocapsa rotundata</i> (B)		Present	
4/17/2006	9:47	Surfc		<i>Heterosigma akashiwo</i> . (T)		Present	
4/17/2006	9:47	Surfc		<i>Karlodinium micrum</i> (T)		Present	
4/17/2006	9:47	Surfc		<i>Kryptoperidinium foliaceum</i> (B)		Present	
5/8/2006	9:09	Surfc		<i>Akashiwo sanguineum</i> (B)		Present	
5/8/2006	9:09	Surfc		<i>Amphidinium sp.</i> (T)		Present	
5/8/2006	9:09	Surfc		<i>Chaetoceros spp.</i> (T)		Common	0.68
5/8/2006	9:09	Surfc		<i>Chattonella cf. verruculosa</i> (T)		Present	
5/8/2006	9:09	Surfc		<i>Dinophysis acuminata</i> (T)		Present	0.01
5/8/2006	9:09	Surfc		<i>Gyrodinium instriatum</i> (B)		Present	
5/8/2006	9:09	Surfc		<i>Karlodinium micrum</i> (T)		Present	
5/8/2006	9:09	Surfc		<i>Kryptoperidinium foliaceum</i> (B)		Present	
5/8/2006	9:09	Surfc		<i>Prorocentrum minimum</i> (T)		Common	0.28
5/8/2006	9:09	Surfc		<i>Scrippsiella sp.</i> (B)		Present	
5/22/2006	9:03	Surfc		<i>Gyrodinium instriatum</i> (B)		Common	0.10
5/22/2006	9:03	Surfc		<i>Karlodinium micrum</i> (T)		Common	0.13
5/22/2006	9:03	Surfc		<i>Kryptoperidinium foliaceum</i> (B)		Common	0.16

IR64: Bethany Beach canal off dead end at 3rd street East of Evans Rd.

4/18/2006	8:23	Surfc		<i>Heterocapsa rotundata</i> (B)		Present	
4/18/2006	8:23	Surfc		<i>Karlodinium micrum</i> (T)		Present	
4/18/2006	8:23	Surfc		<i>Kryptoperidinium foliaceum</i> (B)		Present	
5/23/2006	8:15	Surfc		<i>Chaetoceros spp.</i> (T)		Present	
5/23/2006	8:15	Surfc		<i>Gyrodinium instriatum</i> (B)		Common	0.52
5/23/2006	8:15	Surfc		<i>Heterosigma akashiwo</i> . (T)		Present	
5/23/2006	8:15	Surfc		<i>Karlodinium micrum</i> (T)		Common	0.17

Broadkill River

BR01: Broadkill river @ PEL dock.

4/19/2006	11:44	Net		<i>Ceratium sp.</i> (T)		Present	
4/19/2006	11:44	Net		<i>Chaetoceros spp.</i> (T)		Present	
4/19/2006	11:44	Net		<i>Dinophysis acuminata</i> (T)		Present	
4/19/2006	11:44	Net		<i>Ditylum spp.</i> (T)		Present	
4/19/2006	11:44	Net		<i>Prorocentrum micans</i> (B)		Present	
4/19/2006	11:44	Net		<i>Prorocentrum sp.</i> (T)		Present	
4/19/2006	11:44	Net		<i>Pseudo-nitzschia spp.</i> (T)		Present	
4/19/2006	11:44	Net		<i>Rhizosolenia spp.</i> (T)		Present	
4/19/2006	11:44	Surfc		<i>Heterocapsa rotundata</i> (B)		Present	
4/19/2006	11:44	Surfc		<i>Rhizosolenia spp.</i> (T)		Present	
5/10/2006	9:37	Net		<i>Ceratium sp.</i> (T)		Present	
5/10/2006	9:37	Net		<i>Dinophysis acuminata</i> (T)		Present	
5/10/2006	9:37	Net		<i>Ditylum spp.</i> (T)		Present	
5/10/2006	9:37	Net		<i>Prorocentrum micans</i> (B)		Present	
5/10/2006	9:37	Net		<i>Prorocentrum minimum</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
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Broadkill River

BR01: Broadkill river @ PEL dock.

5/10/2006	9:37	Net		<i>Prorocentrum sp. (T)</i>		Present	
5/10/2006	9:37	Net		<i>Pseudo-nitzschia spp. (T)</i>		Present	
5/10/2006	9:37	Net		<i>Rhizosolenia spp. (T)</i>		Present	
5/10/2006	9:37	Surfc		<i>Prorocentrum minimum (T)</i>		Present	
5/10/2006	9:37	Surfc		<i>Rhizosolenia spp. (T)</i>		Present	
5/24/2006	9:33	Net		<i>Ceratium sp. (T)</i>		Present	
5/24/2006	9:33	Net		<i>Ditylum spp. (T)</i>		Present	
5/24/2006	9:33	Net		<i>Prorocentrum micans (B)</i>		Present	
5/24/2006	9:33	Net		<i>Prorocentrum sp. (T)</i>		Present	
5/24/2006	9:33	Net		<i>Rhizosolenia spp. (T)</i>		Present	
5/24/2006	9:33	Surfc		<i>Heterocapsa rotundata (B)</i>		Present	
5/24/2006	9:33	Surfc		<i>Prorocentrum minimum (T)</i>		Present	

Old Mill Creek

BR21: Old Mill Creek downstream from Red Mill Pond

4/19/2006	11:42	Surfc		<i>Kryptoperidinium foliaceum (B)</i>		Present	
5/10/2006	11:50	Surfc		<i>Kryptoperidinium foliaceum (B)</i>		Present	
5/24/2006	12:05	Surfc		<i>Karlodinium micrum (T)</i>		Present	

Delaware Bay

Canary Creek

BR19: Canary Creek at New Road

4/19/2006	9:10	Surfc		<i>Kryptoperidinium foliaceum (B)</i>		Present	
5/24/2006	9:13	Surfc		<i>Heterocapsa rotundata (B)</i>		Present	

BR40: Canary Creek at Pilottown Rd

4/19/2006	9:15	Surfc		<i>Heterocapsa rotundata (B)</i>		Present	
4/19/2006	9:15	Surfc		<i>Heterocapsa triquetra (B)</i>		Present	
4/19/2006	9:15	Surfc		<i>Karlodinium micrum (T)</i>		Present	
5/10/2006	10:00	Surfc		<i>Heterocapsa rotundata (B)</i>		Present	
5/24/2006	13:50	Surfc		<i>Heterocapsa rotundata (B)</i>		Present	

Indian River

IR04: Warwick Cove

4/18/2006	9:50	Surfc		<i>Chaetoceros spp. (T)</i>		Present	
4/18/2006	9:50	Surfc		<i>Heterocapsa rotundata (B)</i>		Present	
4/18/2006	9:50	Surfc		<i>Karlodinium micrum (T)</i>		Common	0.13
5/8/2006	9:42	Surfc		<i>Chaetoceros spp. (T)</i>		Many	4.81
5/8/2006	9:42	Surfc		<i>Karlodinium micrum (T)</i>		Present	

IR07: Holt's Landing State Park

4/18/2006	9:14	Net		<i>Ceratium sp. (T)</i>		Present	
4/18/2006	9:14	Net		<i>Chaetoceros spp. (T)</i>		Present	
4/18/2006	9:14	Net		<i>Dinophysis acuminata (T)</i>		Present	
4/18/2006	9:14	Net		<i>Rhizosolenia spp. (T)</i>		Present	
4/18/2006	9:14	Surfc		<i>Chaetoceros spp. (T)</i>		Common	0.17
4/18/2006	9:14	Surfc		<i>Dinophysis acuminata (T)</i>		Present	0.01
4/18/2006	9:14	Surfc		<i>Heterocapsa rotundata (B)</i>		Present	

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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							
IR07: Holt's Landing State Park							
	4/18/2006	9:14	Surfc	<i>Karlodinium micrum (T)</i>		Present	
	5/9/2006	9:00	Net	<i>Chaetoceros spp. (T)</i>		Present	
	5/9/2006	9:00	Net	<i>Dinophysis acuminata (T)</i>		Present	
	5/9/2006	9:00	Net	<i>Ditylum spp. (T)</i>		Present	
	5/9/2006	9:00	Net	<i>Pseudo-nitzschia spp. (T)</i>		Present	
	5/9/2006	9:00	Net	<i>Rhizosolenia spp. (T)</i>		Present	
	5/9/2006	9:00	Surfc	<i>Dinophysis acuminata (T)</i>		Present	0.01
	5/23/2006	9:00	Surfc	<i>Heterocapsa rotundata (B)</i>		Present	
	5/23/2006	9:00	Surfc	<i>Karlodinium micrum (T)</i>		Present	
IR11: Big Ditch Point							
	5/8/2006	8:00	Surfc	<i>Chaetoceros spp. (T)</i>		Common	0.60
	5/22/2006	9:00	Surfc	<i>Prorocentrum minimum (T)</i>		Present	
IR20: Bay Colony							
	4/17/2006	8:10	Surfc	<i>Heterocapsa rotundata (B)</i>		Present	
	4/17/2006	8:10	Surfc	<i>Karlodinium micrum (T)</i>		Present	
	5/9/2006	8:25	Surfc	<i>Chaetoceros spp. (T)</i>		Common	0.20
	5/22/2006	8:25	Surfc	<i>Heterocapsa rotundata (B)</i>		Present	
IR21: Entrance to Boat House Pond, Indian River Bay							
	4/17/2006	8:45	Surfc	<i>Heterocapsa rotundata (B)</i>		Present	
	5/8/2006	8:15	Surfc	<i>Kryptoperidinium foliaceum (B)</i>		Present	
	5/22/2006	8:40	Surfc	<i>Prorocentrum minimum (T)</i>		Present	
IR36: James Farm, base of Pasture Point Knee deep 150 yds from shore							
	5/21/2006	7:35	Surfc	<i>"Gymnodinioid" sp. (S)</i>	10-15 um Grn	Present	
	5/21/2006	7:35	Surfc	<i>Karlodinium micrum (T)</i>		Present	
IR39: North side of Inlet at Wheelchair fishing platform under new bridge.							
	4/10/2006	9:10	Net	<i>Dinophysis acuminata (T)</i>		Present	
	4/10/2006	9:10	Net	<i>Ditylum spp. (T)</i>		Present	
	4/10/2006	9:10	Net	<i>Prorocentrum micans (B)</i>		Present	
	4/10/2006	9:10	Net	<i>Pseudo-nitzschia spp. (T)</i>		Present	
	4/10/2006	9:10	Net	<i>Rhizosolenia spp. (T)</i>		Present	
	4/10/2006	9:10	Surfc	<i>Dinophysis acuminata (T)</i>		Present	0.01
	4/10/2006	9:10	Surfc	<i>Heterocapsa rotundata (B)</i>		Present	
	5/10/2006	8:35	Net	<i>Chaetoceros spp. (T)</i>		Present	
	5/10/2006	8:35	Net	<i>Ditylum spp. (T)</i>		Present	
	5/10/2006	8:35	Net	<i>Prorocentrum micans (B)</i>		Present	
	5/10/2006	8:35	Net	<i>Prorocentrum sp. (T)</i>		Present	
	5/10/2006	8:35	Net	<i>Rhizosolenia spp. (T)</i>		Present	
	5/10/2006	8:35	Surfc	<i>Chaetoceros spp. (T)</i>		Common	0.15
	5/10/2006	8:35	Surfc	<i>Heterocapsa rotundata (B)</i>		Present	
	5/10/2006	8:35	Surfc	<i>Heterosigma akashiwo. (T)</i>		Present	
	5/10/2006	8:35	Surfc	<i>Karlodinium micrum (T)</i>		Present	
	5/10/2006	8:35	Surfc	<i>Rhizosolenia spp. (T)</i>		Present	
	5/24/2006	8:30	Net	<i>Ceratium sp. (T)</i>		Present	

Name subsripts: (B) - nontoxic bloom former; (S) - cell similar to a known toxic cell; (T) - potentially toxic cell.
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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							
IR39: North side of Inlet at Wheelchair fishing platform under new bridge.							
	5/24/2006	8:30	Net	<i>Dinophysis acuminata</i> (T)		Present	
	5/24/2006	8:30	Net	<i>Heterocapsa triquetra</i> (B)		Present	
	5/24/2006	8:30	Net	<i>Prorocentrum micans</i> (B)		Present	
	5/24/2006	8:30	Net	<i>Prorocentrum minimum</i> (T)		Present	
	5/24/2006	8:30	Net	<i>Prorocentrum sp.</i> (T)		Present	
	5/24/2006	8:30	Net	<i>Rhizosolenia spp.</i> (T)		Present	
	5/24/2006	8:30	Surfc	<i>Heterocapsa rotundata</i> (B)		Present	
	5/24/2006	8:30	Surfc	<i>Prorocentrum minimum</i> (T)		Present	
<u>Vines Creek</u>							
IR38: Vines Lane							
	5/17/2006	9:30	Surfc	" <i>Gymnodinioid</i> " <i>sp.</i> (S)	10-15 um Grn	Present	
	5/17/2006	9:30	Surfc	<i>Chaetoceros spp.</i> (T)		Common	0.24
	5/17/2006	9:30	Surfc	<i>Gyrodinium instriatum</i> (B)		Present	
	5/17/2006	9:30	Surfc	<i>Heterosigma akashiwo.</i> (T)		Present	
<u>White Creek</u>							
IR32: Holly Terrace Acres Canal Dead End, White Creek							
	4/18/2006	9:42	Surfc	<i>Dinophysis acuminata</i> (T)		Present	0.03
	4/18/2006	9:42	Surfc	<i>Heterocapsa rotundata</i> (B)		Present	
	4/18/2006	9:42	Surfc	<i>Karlodinium micrum</i> (T)		Present	
	5/9/2006	9:50	Surfc	<i>Chaetoceros spp.</i> (T)		Common	0.25
	5/9/2006	9:50	Surfc	<i>Dinophysis acuminata</i> (T)		Present	0.03
	5/9/2006	9:50	Surfc	<i>Heterosigma akashiwo.</i> (T)		Present	
	5/9/2006	9:50	Surfc	<i>Karlodinium micrum</i> (T)		Present	
	5/25/2006	8:47	Surfc	<i>Heterocapsa triquetra</i> (B)		Present	
	5/25/2006	8:47	Surfc	<i>Karlodinium micrum</i> (T)		Present	
	5/25/2006	8:47	Surfc	<i>Scrippsiella sp.</i> (B)		Present	
IR60A: 4 Cristy Lane, Ocean View; E Branch of White Creek							
	5/9/2006	8:42	Surfc	<i>Chaetoceros spp.</i> (T)		Common	0.40
	5/9/2006	8:42	Surfc	<i>Heterosigma akashiwo.</i> (T)		Present	
	5/23/2006	8:45	Surfc	<i>Akashiwo sanguineum</i> (B)		Present	
Lewes - Rehoboth Canal							
RB02: Lewes - Rehoboth Canal at Lewes							
	4/18/2006	8:30	Net	<i>Chaetoceros spp.</i> (T)		Present	
	4/18/2006	8:30	Net	<i>Dinophysis acuminata</i> (T)		Present	
	4/18/2006	8:30	Net	<i>Ditylum spp.</i> (T)		Present	
	4/18/2006	8:30	Net	<i>Pseudo-nitzschia spp.</i> (T)		Present	
	4/18/2006	8:30	Net	<i>Rhizosolenia spp.</i> (T)		Present	
	5/2/2006	8:30	Net	<i>Ditylum spp.</i> (T)		Present	
	5/2/2006	8:30	Net	<i>Karlodinium micrum</i> (T)		Present	
	5/2/2006	8:30	Net	<i>Prorocentrum minimum</i> (T)		Present	
	5/2/2006	8:30	Net	<i>Rhizosolenia spp.</i> (T)		Present	
	5/2/2006	8:30	Surfc	<i>Rhizosolenia spp.</i> (T)		Present	

Name subsripts: (B) - nontoxic bloom former; (S) - cell similar to a known toxic cell; (T) - potentially toxic cell.

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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
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Lewes - Rehoboth Canal

RB02: Lewes - Rehoboth Canal at Lewes

5/8/2006	8:30	Net		<i>Chaetoceros spp. (T)</i>		Present	
5/8/2006	8:30	Net		<i>Rhizosolenia spp. (T)</i>		Present	
5/8/2006	8:30	Surfc		<i>Prorocentrum minimum (T)</i>		Present	
5/16/2006	7:45	Net		<i>Karlodinium micrum (T)</i>		Present	
5/16/2006	7:45	Net		<i>Prorocentrum minimum (T)</i>		Present	
5/16/2006	7:45	Surfc		<i>Prorocentrum minimum (T)</i>		Present	
5/22/2006	8:15	Net		<i>Karlodinium micrum (T)</i>		Present	
5/22/2006	8:15	Net		<i>Prorocentrum minimum (T)</i>		Present	
5/22/2006	8:15	Surfc		<i>Heterocapsa rotundata (B)</i>		Present	
5/22/2006	8:15	Surfc		<i>Prorocentrum minimum (T)</i>		Present	

Little Assawoman Bay

LA15B: Red channel marker #12

5/15/2006	8:16	Surfc		<i>Heterocapsa rotundata (B)</i>		Present	
5/15/2006	8:16	Surfc		<i>Karlodinium micrum (T)</i>		Present	
5/15/2006	8:16	Surfc		<i>Prorocentrum minimum (T)</i>		Present	

LA35B: Red Channel marker #28, across from Miller Creek

5/15/2006	8:03	Surfc		<i>Karlodinium micrum (T)</i>		Present	
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LA42B: Narrows, South of state beach at point

5/15/2006	8:07	Surfc		<i>Karlodinium micrum (T)</i>		Present	
5/15/2006	8:07	Surfc		<i>Prorocentrum minimum (T)</i>		Present	

LA45: Fenwick Island Bayside

4/18/2006	8:05	Surfc		<i>"Gymnodinioid" sp. (S)</i>	10-15 um Grn	Present	
4/18/2006	8:05	Surfc		<i>Heterocapsa rotundata (B)</i>		Present	
4/18/2006	8:05	Surfc		<i>Karlodinium micrum (T)</i>		Present	
4/18/2006	8:05	Surfc		<i>Prorocentrum minimum (T)</i>		Present	
5/9/2006	8:00	Surfc		<i>Chaetoceros spp. (T)</i>		Common	0.19
5/9/2006	8:00	Surfc		<i>Karlodinium micrum (T)</i>		Present	
5/9/2006	8:00	Surfc		<i>Prorocentrum minimum (T)</i>		Present	
5/23/2006	10:00	Surfc		<i>Akashiwo sanguineum (B)</i>		Present	
5/23/2006	10:00	Surfc		<i>Karlodinium micrum (T)</i>		Common	0.19
5/23/2006	10:00	Surfc		<i>Prorocentrum minimum (T)</i>		Present	

Dirickson Creek

LA03: Mulberry Landing

4/17/2006	8:20	Surfc		<i>Chaetoceros spp. (T)</i>		Common	0.14
4/17/2006	8:20	Surfc		<i>Karlodinium micrum (T)</i>		Common	0.15
4/17/2006	8:20	Surfc		<i>Prorocentrum minimum (T)</i>		Present	
5/8/2006	8:20	Surfc		<i>Karlodinium micrum (T)</i>		Present	
5/8/2006	8:20	Surfc		<i>Kryptoperidinium foliaceum (B)</i>		Present	
5/22/2006	9:00	Surfc		<i>Heterocapsa rotundata (B)</i>		Present	
5/22/2006	9:00	Surfc		<i>Karlodinium micrum (T)</i>		Common	0.32
5/22/2006	9:00	Surfc		<i>Prorocentrum minimum (T)</i>		Present	

LA09: Dirickson Creek at Road 381 bridge.

4/18/2006	8:40	Surfc		<i>Dinophysis acuminata (T)</i>		Present	0.01
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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>							
LA09: Dirickson Creek at Road 381 bridge.							
	5/8/2006	9:00	Surfc	<i>Dinophysis acuminata</i> (T)		Common	0.10
	5/8/2006	9:00	Surfc	<i>Karlodinium micrum</i> (T)		Present	
	5/8/2006	9:00	Surfc	<i>Prorocentrum minimum</i> (T)		Present	
	5/22/2006	9:40	Surfc	<i>Heterocapsa rotundata</i> (B)		Present	
	5/22/2006	9:40	Surfc	<i>Heterosigma akashiwo</i> . (T)		Present	
	5/22/2006	9:40	Surfc	<i>Karlodinium micrum</i> (T)		Common	0.47
	5/22/2006	9:40	Surfc	<i>Prorocentrum minimum</i> (T)		Common	0.31
LA20: Swann Keys: boat ramp at S end of Blue Teal Rd							
	5/8/2006	8:25	Surfc	<i>Dinophysis acuminata</i> (T)		Present	0.05
	5/8/2006	8:25	Surfc	<i>Kryptoperidinium foliaceum</i> (B)		Present	
	5/23/2006	8:49	Surfc	<i>Heterosigma akashiwo</i> . (T)		Common	0.26
	5/23/2006	8:49	Surfc	<i>Karlodinium micrum</i> (T)		Common	0.15
	5/23/2006	8:49	Surfc	<i>Prorocentrum minimum</i> (T)		Common	0.13
LA22B: Dirickson Creek upper section between Williams Creek and the LA09, mid channel near duck blind.							
	5/15/2006	8:28	Surfc	<i>Karlodinium micrum</i> (T)		Common	0.56
	5/15/2006	8:28	Surfc	<i>Kryptoperidinium foliaceum</i> (B)		Present	
	5/15/2006	8:28	Surfc	<i>Prorocentrum minimum</i> (T)		Present	
<u>Jefferson Creek</u>							
SB10E: SB: Russell Canal east dead end							
	4/3/2006	10:25	Surfc	<i>Dinophysis acuminata</i> (T)		Present	0.01
	4/3/2006	10:25	Surfc	<i>Karlodinium micrum</i> (T)		Common	0.35
	4/17/2006	8:56	Surfc	<i>Karlodinium micrum</i> (T)		Common	0.17
	4/17/2006	8:56	Surfc	<i>Prorocentrum minimum</i> (T)		Common	0.13
	5/8/2006	8:55	Surfc	<i>Amphidinium</i> sp. (T)		Present	
	5/8/2006	8:55	Surfc	<i>Heterosigma akashiwo</i> . (T)		Present	
	5/22/2006	8:52	Surfc	<i>Karlodinium micrum</i> (T)		Present	
	5/22/2006	8:52	Surfc	<i>Prorocentrum minimum</i> (T)		Present	
	5/25/2006	8:20	Surfc	<i>Heterosigma akashiwo</i> . (T)		Present	
	5/25/2006	8:20	Surfc	<i>Karlodinium micrum</i> (T)		Common	0.34
SB10W: SB: Russell Canal west dead end							
	4/3/2006	10:20	Surfc	<i>Heterocapsa rotundata</i> (B)		Present	
	4/3/2006	10:20	Surfc	<i>Karlodinium micrum</i> (T)		Common	0.32
	4/17/2006	8:52	Surfc	<i>Karlodinium micrum</i> (T)		Common	0.36
	4/17/2006	8:52	Surfc	<i>Prorocentrum minimum</i> (T)		Common	0.35
	5/8/2006	9:01	Surfc	<i>Dinophysis acuminata</i> (T)		Present	0.01
	5/22/2006	8:45	Surfc	<i>Karlodinium micrum</i> (T)		Present	
	5/25/2006	8:13	Surfc	<i>Karlodinium micrum</i> (T)		Present	
<u>Miller Creek</u>							
LA33B: Camp Barnes dock - by boat							
	5/15/2006	7:53	Surfc	<i>Karlodinium micrum</i> (T)		Present	
	5/15/2006	7:53	Surfc	<i>Prorocentrum minimum</i> (T)		Present	

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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							
ML: Massey's Landing							
	5/8/2006	11:15	Surfc	<i>Chaetoceros spp. (T)</i>		Common	0.28
	5/8/2006	11:15	Surfc	<i>Dinophysis acuminata (T)</i>		Present	0.01
	5/22/2006	11:36	Surfc	<i>Prorocentrum minimum (T)</i>		Present	
RB07: West Bay Park							
	4/18/2006	8:00	Surfc	<i>Heterocapsa rotundata (B)</i>		Common	0.16
	4/18/2006	8:00	Surfc	<i>Heterocapsa triquetra (B)</i>		Common	0.14
	5/9/2006	8:15	Surfc	<i>Chaetoceros spp. (T)</i>		Many	2.13
	5/9/2006	8:15	Surfc	<i>Heterocapsa rotundata (B)</i>		Present	
	5/23/2006	8:45	Surfc	<i>Karlodinium micrum (T)</i>		Present	
RB67B: Rehoboth Bay, Buoy #7A							
	5/16/2006	10:21	Surfc	<i>Karlodinium micrum (T)</i>		Present	
RB68B: Rehoboth Bay, Buoy # 3							
	5/16/2006	10:48	Surfc	<i>"Gymnodinioid" sp. (S)</i>	10-15 um Grn	Present	
	5/16/2006	10:48	Surfc	<i>Chaetoceros spp. (T)</i>		Common	0.32
<u>Bald Eagle Creek</u>							
RB46: Torquay Canal at East bulkhead on Land's End.							
	4/17/2006	10:12	Surfc	<i>Chaetoceros spp. (T)</i>		Common	0.24
	4/17/2006	10:12	Surfc	<i>Heterocapsa rotundata (B)</i>		Present	
	4/17/2006	10:12	Surfc	<i>Karlodinium micrum (T)</i>		Present	
	5/9/2006	10:15	Surfc	<i>Chaetoceros spp. (T)</i>		Common	0.50
	5/9/2006	10:15	Surfc	<i>Dinophysis acuminata (T)</i>		Common	0.16
	5/9/2006	10:15	Surfc	<i>Heterosigma akashiwo. (T)</i>		Present	
	5/9/2006	10:15	Surfc	<i>Karlodinium micrum (T)</i>		Present	
	5/23/2006	9:45	Surfc	<i>Chaetoceros spp. (T)</i>		Present	
	5/23/2006	9:45	Surfc	<i>Dinophysis acuminata (T)</i>		Common	0.35
	5/23/2006	9:45	Surfc	<i>Karlodinium micrum (T)</i>		Common	0.13
	5/23/2006	9:45	Surfc	<i>Kryptoperidinium foliaceum (B)</i>		Present	
	5/23/2006	9:45	Surfc	<i>Scrippsiella sp. (B)</i>		Present	
	5/23/2006	9:45	Surfc	<i>Skeletonema spp. (B)</i>		Abundant	10.30
<u>Guinea Creek</u>							
RB05: Mouth of Guinea Creek (Pot Nets Creekside)							
	4/17/2006	11:48	Surfc	<i>Dinophysis acuminata (T)</i>		Present	0.01
	4/17/2006	11:48	Surfc	<i>Heterocapsa rotundata (B)</i>		Present	
	5/8/2006	11:37	Surfc	<i>Chaetoceros spp. (T)</i>		Common	0.31
	5/22/2006	11:57	Surfc	<i>Chaetoceros spp. (T)</i>		Many	3.10
	5/22/2006	11:57	Surfc	<i>Karlodinium micrum (T)</i>		Present	
RB06: Guinea Creek (Winding Creek Village)							
	4/17/2006	9:55	Surfc	<i>Dinophysis acuminata (T)</i>		Present	0.06
	4/17/2006	9:55	Surfc	<i>Heterocapsa rotundata (B)</i>		Present	
	5/8/2006	10:00	Surfc	<i>Chaetoceros spp. (T)</i>		Many	1.06
	5/8/2006	10:00	Surfc	<i>Karlodinium micrum (T)</i>		Common	0.10
	5/22/2006	8:00	Surfc	<i>Chaetoceros spp. (T)</i>		Common	0.75
	5/22/2006	8:00	Surfc	<i>Gyrodinium instriatum (B)</i>		Present	

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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>							
RB06: Guinea Creek (Winding Creek Village)							
	5/22/2006	8:00	Surfc	<i>Karlodinium micrum (T)</i>		Present	
RB06A: Guinea Creek @ Rd 298 Bridge							
	4/17/2006	12:20	Surfc	<i>Heterocapsa rotundata (B)</i>		Present	
	5/8/2006	12:13	Surfc	<i>Chaetoceros spp. (T)</i>		Common	0.15
	5/8/2006	12:13	Surfc	<i>Heterosigma akashiwo. (T)</i>		Present	
	5/22/2006	12:25	Surfc	<i>Karlodinium micrum (T)</i>		Present	
RB60: Community Dock at Creek's End							
	4/17/2006	10:37	Surfc	<i>Dinophysis acuminata (T)</i>		Present	0.03
	5/8/2006	10:00	Surfc	<i>Amphidinium sp. (T)</i>		Present	
	5/8/2006	10:00	Surfc	<i>Chaetoceros spp. (T)</i>		Many	3.16
	5/8/2006	10:00	Surfc	<i>Karlodinium micrum (T)</i>		Common	0.10
	5/22/2006	10:20	Surfc	<i>Chaetoceros spp. (T)</i>		Many	1.38
	5/22/2006	10:20	Surfc	<i>Karlodinium micrum (T)</i>		Present	
<u>Herring Creek</u>							
RB04: Herring Creek, Mid-Section							
	4/17/2006	9:30	Surfc	<i>Heterocapsa rotundata (B)</i>		Common	0.96
	5/8/2006	12:55	Surfc	<i>Chaetoceros spp. (T)</i>		Many	2.19
	5/8/2006	12:55	Surfc	<i>Heterosigma akashiwo. (T)</i>		Present	
	5/8/2006	12:55	Surfc	<i>Karlodinium micrum (T)</i>		Common	0.16
	5/23/2006	10:32	Surfc	<i>Chaetoceros spp. (T)</i>		Many	1.92
	5/23/2006	10:32	Surfc	<i>Gyrodinium instriatum (B)</i>		Present	
	5/23/2006	10:32	Surfc	<i>Karlodinium micrum (T)</i>		Present	
<u>Love Creek</u>							
RB34: Love Creek at Rt 24 Bridge							
	4/18/2006	11:20	Surfc	<i>Dinophysis acuminata (T)</i>		Present	0.01
	4/18/2006	11:20	Surfc	<i>Heterocapsa rotundata (B)</i>		Present	
	4/18/2006	11:20	Surfc	<i>Heterocapsa triquetra (B)</i>		Present	
	4/18/2006	11:20	Surfc	<i>Karlodinium micrum (T)</i>		Present	
	5/9/2006	11:15	Surfc	<i>Chaetoceros spp. (T)</i>		Many	1.33
	5/9/2006	11:15	Surfc	<i>Gyrodinium instriatum (B)</i>		Present	
	5/9/2006	11:15	Surfc	<i>Heterocapsa rotundata (B)</i>		Present	
	5/9/2006	11:15	Surfc	<i>Karlodinium micrum (T)</i>		Present	
	5/22/2006	12:48	Surfc	<i>Chaetoceros spp. (T)</i>		Common	0.15
	5/22/2006	12:48	Surfc	<i>Gyrodinium instriatum (B)</i>		Present	
	5/22/2006	12:48	Surfc	<i>Heterosigma akashiwo. (T)</i>		Common	0.10
	5/22/2006	12:48	Surfc	<i>Karlodinium micrum (T)</i>		Common	0.17
	5/22/2006	12:48	Surfc	<i>Prorocentrum minimum (T)</i>		Present	
	5/25/2006	8:55	Surfc	<i>Chaetoceros spp. (T)</i>		Present	
	5/25/2006	8:55	Surfc	<i>Heterocapsa rotundata (B)</i>		Present	
	5/25/2006	8:55	Surfc	<i>Heterosigma akashiwo. (T)</i>		Present	
	5/25/2006	8:55	Surfc	<i>Prorocentrum minimum (T)</i>		Present	

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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>							
RLC1W: shellfish site, mouth of Love Creek.							
	5/16/2006	11:14	Surfc	<i>Chaetoceros spp. (T)</i>		Many	2.40
	5/16/2006	11:14	Surfc	<i>Heterosigma akashiwo. (T)</i>		Present	
	5/16/2006	11:14	Surfc	<i>Karlodinium micrum (T)</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