

# Harmful Algae Report

All data between 8/13/2011 and 9/1/2011

University of Delaware Citizen Monitoring Program

Water Body Tributary Site	Date	Time	Smpl Dpth	Name	Comment if ID uncertain	Abundance	MC/L
<b>Assawoman Bay</b>							
<u>Roy Creek</u>							
BA01: Keenwick on Bay, Roy Creek							
	8/23/2011	8:52	Surfc	<i>Heterocapsa rotundata (B)</i>		Present	
<b>Atlantic Ocean</b>							
RWPM14: Tower Rd Ocean, Delaware Seashore State Park							
	8/18/2011	8:25	Surfc	<i>Chaetoceros spp. (T)</i>		Rare	0.005
	8/18/2011	8:25	Surfc	<i>Ditylum spp. (T)</i>		Very Rare	
	8/18/2011	8:25	Surfc	<i>Prorocentrum sp. (T)</i>		Very Rare	
	8/18/2011	8:25	Surfc	<i>Prorocentrum triestinum (B)</i>		Rare	0.001
	8/18/2011	8:25	Surfc	<i>Pseudo-nitzschia spp. (T)</i>		Present	0.060
	8/18/2011	8:25	Surfc	<i>Rhizosolenia spp. (T)</i>		Present	0.016
	8/18/2011	8:25	Surfc	<i>Scrippsiella sp. (B)</i>		Rare	0.001
	8/31/2011	8:50	Surfc	<i>Chaetoceros spp. (T)</i>		Rare	0.008
	8/31/2011	8:50	Surfc	<i>Ditylum spp. (T)</i>		Rare	0.003
	8/31/2011	8:50	Surfc	<i>Prorocentrum triestinum (B)</i>		Rare	0.006
	8/31/2011	8:50	Surfc	<i>Protoperidinium quinquecorne (B)</i>		Rare	0.001
	8/31/2011	8:50	Surfc	<i>Pseudo-nitzschia spp. (T)</i>		Present	0.016
	8/31/2011	8:50	Surfc	<i>Rhizosolenia spp. (T)</i>		Rare	0.004
	8/31/2011	8:50	Surfc	<i>Scrippsiella sp. (B)</i>		Rare	0.001
RWPM8: Cape Henlopen State Park Beach (2)							
	8/25/2011	8:10	Surfc	<i>Chaetoceros spp. (T)</i>		Rare	0.004
	8/25/2011	8:10	Surfc	<i>Prorocentrum scutellum (B)</i>		Rare	0.001
	8/25/2011	8:10	Surfc	<i>Prorocentrum triestinum (B)</i>		Rare	0.001
	8/25/2011	8:10	Surfc	<i>Pseudo-nitzschia spp. (T)</i>		Present	0.011
	8/25/2011	8:10	Surfc	<i>Rhizosolenia spp. (T)</i>		Rare	0.007
RWPMVIII: Town of Fenwick							
	8/18/2011	8:15	Surfc	<i>Chaetoceros spp. (T)</i>		Very Rare	
	8/18/2011	8:15	Surfc	<i>Ditylum spp. (T)</i>		Very Rare	
	8/18/2011	8:15	Surfc	<i>Prorocentrum micans (B)</i>		Rare	0.001
	8/18/2011	8:15	Surfc	<i>Prorocentrum triestinum (B)</i>		Rare	0.001
	8/18/2011	8:15	Surfc	<i>Pseudo-nitzschia spp. (T)</i>		Common	0.221
	8/18/2011	8:15	Surfc	<i>Rhizosolenia spp. (T)</i>		Present	0.022
	8/18/2011	8:15	Surfc	<i>Scrippsiella sp. (B)</i>		Very Rare	
	8/18/2011	8:15	Surfc	<i>Trichodesmium (?) spp. (T)</i>		Present	0.025
	8/31/2011	8:10	Surfc	<i>Ceratium pentagonum (B)</i>		Very Rare	
	8/31/2011	8:10	Surfc	<i>Chaetoceros spp. (T)</i>		Rare	0.010
	8/31/2011	8:10	Surfc	<i>Ditylum spp. (T)</i>		Rare	0.005
	8/31/2011	8:10	Surfc	<i>Heterocapsa sp. (B)</i>		Very Rare	

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; Very Rare: < 0.001 MC/L; Rare 0.001 - 0.01 MC/L; Present: 0.01 - 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.

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<b>Atlantic Ocean</b>							
RWPMVIII: Town of Fenwick							
	8/31/2011	8:10	Surfc	<i>Prorocentrum scutellum (B)</i>		Very Rare	
	8/31/2011	8:10	Surfc	<i>Prorocentrum triestinum (B)</i>		Present	0.037
	8/31/2011	8:10	Surfc	<i>Pseudo-nitzschia spp. (T)</i>		Present	0.016
	8/31/2011	8:10	Surfc	<i>Rhizosolenia spp. (T)</i>		Rare	0.001
	8/31/2011	8:10	Surfc	<i>Scrippsiella sp. (B)</i>		Very Rare	
<b>Broadkill River</b>							
BR01: Broadkill river @ PEL dock.							
	8/17/2011	8:55	Net	<i>Chaetoceros spp. (T)</i>			
	8/17/2011	8:55	Net	<i>Heterocapsa rotundata (B)</i>			
	8/17/2011	8:55	Net	<i>Karlodinium veneficum (T)</i>			
	8/17/2011	8:55	Net	<i>Prorocentrum triestinum (B)</i>			
	8/17/2011	8:55	Net	<i>Pseudo-nitzschia spp. (T)</i>			
	8/17/2011	8:55	Net	<i>Rhizosolenia spp. (T)</i>			
	8/17/2011	8:55	Net	<i>Scrippsiella sp. (B)</i>			
	8/17/2011	8:55	Surfc	<i>Heterocapsa rotundata (B)</i>		Present	
	8/17/2011	8:55	Surfc	<i>Karlodinium veneficum (T)</i>		Present	
	8/25/2011	8:58	Net	<i>Ceratium pentagonum (B)</i>			
	8/25/2011	8:58	Net	<i>Chaetoceros spp. (T)</i>			
	8/25/2011	8:58	Net	<i>Ditylum spp. (T)</i>			
	8/25/2011	8:58	Net	<i>Prorocentrum scutellum (B)</i>			
	8/25/2011	8:58	Surfc	<i>Heterocapsa rotundata (B)</i>		Present	
	8/25/2011	8:58	Surfc	<i>Karlodinium veneficum (T)</i>		Present	
	8/25/2011	8:58	Surfc	<i>Rhizosolenia spp. (T)</i>		Present	
	9/1/2011	8:55	Net	<i>Chaetoceros spp. (T)</i>			
	9/1/2011	8:55	Net	<i>Ditylum spp. (T)</i>			
	9/1/2011	8:55	Net	<i>Heterosigma akashiwo (T)</i>			
	9/1/2011	8:55	Net	<i>Rhizosolenia spp. (T)</i>			
	9/1/2011	8:55	Surfc	<i>Heterocapsa rotundata (B)</i>		Present	
	9/1/2011	8:55	Surfc	<i>Rhizosolenia spp. (T)</i>		Present	
BR20: Broadkill River at Milton tidal pond							
	8/24/2011	6:45	Surfc		No HABs found		
<b>Diamond Pond</b>							
BR48: Diamond Pond							
	8/24/2011	10:55	Surfc	<i>Anabaena spp. (T)</i>		Common	0.250
	8/24/2011	10:55	Surfc	<i>Aphanizomenon spp. (T)</i>		Many	4.300
	8/24/2011	10:55	Surfc	<i>Microcystis spp. (T)</i>		Very Abundant	169.000
<b>Old Mill Creek</b>							
BR21: Old Mill Creek downstream from Red Mill Pond							
	8/24/2011	12:10	Surfc	<i>Anabaena spp. (T)</i>		Many	2.800
	8/24/2011	12:10	Surfc	<i>Aphanizomenon spp. (T)</i>		Common	0.120
	8/24/2011	12:10	Surfc	<i>Chaetoceros spp. (T)</i>		Present	
	8/24/2011	12:10	Surfc	<i>Kryptoperidinium foliaceum (B)</i>		Present	

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<b>Broadkill River</b>							
<u>Old Mill Creek</u>							
BR21: Old Mill Creek downstream from Red Mill Pond							
	8/24/2011	12:10	Surfc	<i>Microcystis spp. (T)</i>		Many	2.300
	8/24/2011	12:10	Surfc	<i>Protoperidinium quinquecorne (B)</i>		Present	
<u>Prime Hook Creek</u>							
BR03: Prime Hook Creek at Boat Ramp at Refuge Headquarters							
	8/24/2011	11:42	Surfc	<i>Amphidinium spp. (T)</i>		Present	
	8/24/2011	11:42	Surfc	<i>Anabaena spp. (T)</i>		Abundant	15.800
	8/24/2011	11:42	Surfc	<i>Chattonella subsalsa (T)</i>		Present	
	8/24/2011	11:42	Surfc	<i>Gyrodinium instriatum (B)</i>		Many	2.700
	8/24/2011	11:42	Surfc	<i>Karlodinium veneficum (T)</i>		Present	
	8/24/2011	11:42	Surfc	<i>Kryptoperidinium foliaceum (B)</i>		Present	
	8/24/2011	11:42	Surfc	<i>Protoperidinium quinquecorne (B)</i>		Present	
	8/24/2011	11:42	Surfc	<i>Scrippsiella sp. (B)</i>		Common	0.300
<u>Red Mill Pond</u>							
BR56: Red Mill Pond - Sycamore Drive							
	8/25/2011	7:20	Surfc	<i>(Unknown) (B*)</i>	tiny filament	Abundant	22.500
	8/25/2011	7:20	Surfc	<i>Aphanizomenon spp. (T)</i>		Very Abundant	190.000
	8/25/2011	7:20	Surfc	<i>Microcystis spp. (T)</i>		Many	8.300
<u>Wagamon's Pond</u>							
BR44: Wagamon's Pond, Milton							
	8/25/2011	11:30	Surfc	<i>Lyngbya (T)</i>		Present	
<b>Delaware Bay</b>							
DB01: End of Cape Shores pier							
	8/23/2011	9:12	Surfc	<i>Chaetoceros spp. (T)</i>		Present	
	8/23/2011	9:12	Surfc	<i>Heterocapsa rotundata (B)</i>		Present	
	8/23/2011	9:12	Surfc	<i>Pseudo-nitzschia spp. (T)</i>		Present	
	8/23/2011	9:12	Surfc	<i>Rhizosolenia spp. (T)</i>		Present	
<u>Canary Creek</u>							
BR19: Canary Creek at New Road							
	8/25/2011	15:20	Surfc	<i>Chattonella subsalsa (T)</i>		Present	
	8/25/2011	15:20	Surfc	<i>Lyngbya (T)</i>		Common	0.120
	8/25/2011	15:20	Surfc	<i>Navicula (small) (B*)</i>		Abundant	15.400
	8/25/2011	15:20	Surfc	<i>Protoperidinium quinquecorne (B)</i>		Present	
BR40: Canary Creek at Pilottown Rd							
	8/24/2011	8:50	Surfc	<i>Chaetoceros spp. (T)</i>		Common	0.250
	8/24/2011	8:50	Surfc	<i>Heterosigma akashiwo (T)</i>		Present	
<b>Dirickson Creek</b>							
<u>Dirickson Pond</u>							
LA38: Hamlet at Dirickson Pond							
	8/23/2011	8:35	Surfc	<i>(Unknown) (B*)</i>	tiny filament	Abundant	22.500
	8/23/2011	8:35	Surfc	<i>Anabaena spp. (T)</i>		Common	0.500

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<b>Dirickson Creek</b>							
<u>Dirickson Pond</u>							
LA38: Hamlet at Dirickson Pond							
	8/23/2011	8:35	Surfc	<i>Aphanizomenon spp. (T)</i>		Present	
	8/23/2011	8:35	Surfc	<i>Cylindrospermopsis (T)</i>		Many	7.000
	8/23/2011	8:35	Surfc	<i>Microcystis spp. (T)</i>		Present	
	8/23/2011	8:35	Surfc	<i>Navicula (small) (B*)</i>		Abundant	17.600
	8/23/2011	8:35	Surfc	<i>Oscillatoria spp. (B)</i>		Present	
<b>Indian River</b>							
<u>Assawoman Canal</u>							
IR50: Assawoman Canal at N end, marina dock							
	8/23/2011	8:10	Surfc	<i>Akashiwo sanguinea (T)</i>		Present	
	8/23/2011	8:10	Surfc	<i>Heterocapsa rotundata (B)</i>		Present	
	8/23/2011	8:10	Surfc	<i>Heterosigma akashiwo (T)</i>		Present	
	8/23/2011	8:10	Surfc	<i>Prorocentrum triestinum (B)</i>		Present	
	8/23/2011	8:10	Surfc	<i>Protoperdinium quinquecorne (B)</i>		Present	
<u>Bethany Loop Canal</u>							
IR62: Loop Canal, Pa Ave terminus, Bethany Beach							
	8/22/2011	7:50	Surfc	<i>Chattonella cf. verruculosa (T)</i>		Common	0.150
	8/22/2011	7:50	Surfc	<i>Chattonella subsalsa (T)</i>		Common	0.100
	8/22/2011	7:50	Surfc	<i>Fibrocapsa japonica (T)</i>		Common	0.310
	8/22/2011	7:50	Surfc	<i>Heterocapsa rotundata (B)</i>		Present	
	8/22/2011	7:50	Surfc	<i>Karlodinium veneficum (T)</i>		Present	
	8/22/2011	7:50	Surfc	<i>Kryptoperidinium foliaceum (B)</i>		Present	
	8/22/2011	7:50	Surfc	<i>Prorocentrum minimum (T)</i>		Present	
<u>Indian River</u>							
IR04: Warwick Cove							
	8/22/2011	10:10	Surfc	<i>Heterocapsa rotundata (B)</i>		Present	
	8/22/2011	10:10	Surfc	<i>Karlodinium veneficum (T)</i>		Present	
	8/22/2011	10:10	Surfc	<i>Prorocentrum minimum (T)</i>		Present	
IR07: Holt's Landing State Park							
	8/23/2011	7:15	Surfc	<i>Chattonella cf. verruculosa (T)</i>		Present	
	8/23/2011	7:15	Surfc	<i>Heterosigma akashiwo (T)</i>		Present	
	8/23/2011	7:15	Surfc	<i>Karlodinium veneficum (T)</i>		Present	
	8/23/2011	7:15	Surfc	<i>Kryptoperidinium foliaceum (B)</i>		Present	
	8/23/2011	7:15	Surfc	<i>Prorocentrum triestinum (B)</i>		Present	
	8/23/2011	7:15	Surfc	<i>Scrippsiella sp. (B)</i>		Present	
IR11: Pot Nets Seaside Pier							
	8/22/2011	11:22	Surfc	<i>Ditylum spp. (T)</i>		Present	
	8/22/2011	11:22	Surfc	<i>Heterocapsa rotundata (B)</i>		Present	
	8/22/2011	11:22	Surfc	<i>Karlodinium veneficum (T)</i>		Present	
IR20: Bay Colony							
	8/22/2011	8:00	Surfc		No HABs found		

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<b>Indian River</b>							
<u>Indian River</u>							
IR20: Bay Colony							
	8/29/2011	8:00	Surfc	<i>Akashiwo sanguinea</i> (T)		Present	
	8/29/2011	8:00	Surfc	<i>Heterocapsa rotundata</i> (B)		Present	
	8/29/2011	8:00	Surfc	<i>Prorocentrum triestinum</i> (B)		Present	
IR36: James Farm, base of Pasture Point Knee deep 150 yds from shore							
	8/24/2011	7:50	Surfc	<i>Akashiwo sanguinea</i> (T)		Present	
	8/24/2011	7:50	Surfc	<i>Chaetoceros</i> spp. (T)		Present	
	8/24/2011	7:50	Surfc	<i>Heterocapsa rotundata</i> (B)		Present	
	8/24/2011	7:50	Surfc	<i>Heterocapsa</i> sp. (B)		Present	
	8/24/2011	7:50	Surfc	<i>Karlodinium veneficum</i> (T)		Present	
	8/24/2011	7:50	Surfc	<i>Kryptoperidinium foliaceum</i> (B)		Present	
	8/24/2011	7:50	Surfc	<i>Protoperidinium quinquecorne</i> (B)		Common	0.260
	8/24/2011	7:50	Surfc	<i>Scrippsiella</i> sp. (B)		Present	
IR39: North side of Inlet at Wheelchair fishing platform under new bridge.							
	8/26/2011	8:10	Surfc	<i>Ditylum</i> spp. (T)		Rare	0.002
	8/26/2011	8:10	Surfc	<i>Heterocapsa rotundata</i> (B)		Present	
	8/26/2011	8:10	Surfc	<i>Karlodinium veneficum</i> (T)		Present	
	8/26/2011	8:10	Surfc	<i>Prorocentrum scutellum</i> (B)		Very Rare	
	8/26/2011	8:10	Surfc	<i>Prorocentrum triestinum</i> (B)		Rare	0.002
	8/26/2011	8:10	Surfc	<i>Pseudo-nitzschia</i> spp. (T)		Present	0.012
	8/26/2011	8:10	Surfc	<i>Rhizosolenia</i> spp. (T)		Rare	0.004
	8/26/2011	8:10	Surfc	<i>Scrippsiella</i> sp. (B)		Very Rare	
<u>Vines Creek</u>							
IR38: Vines Lane							
	8/23/2011	8:40	Surfc	<i>Akashiwo sanguinea</i> (T)		Present	
	8/23/2011	8:40	Surfc	<i>Chaetoceros</i> spp. (T)		Present	
	8/23/2011	8:40	Surfc	<i>Heterocapsa rotundata</i> (B)		Present	
	8/23/2011	8:40	Surfc	<i>Prorocentrum minimum</i> (T)		Common	0.100
	8/23/2011	8:40	Surfc	<i>Prorocentrum triestinum</i> (B)		Present	
<u>White Creek</u>							
IR32: Holly Terrace Acres Canal Dead End, White Creek							
	8/15/2011	8:25	Surfc	<i>Akashiwo sanguinea</i> (T)		Present	
	8/15/2011	8:25	Surfc	<i>Heterocapsa rotundata</i> (B)		Present	
	8/15/2011	8:25	Surfc	<i>Heterosigma akashiwo</i> (T)		Present	
	8/15/2011	8:25	Surfc	<i>Kryptoperidinium foliaceum</i> (B)		Present	
	8/15/2011	8:25	Surfc	<i>Prorocentrum minimum</i> (T)		Common	0.100
	8/15/2011	8:25	Surfc	<i>Protoperidinium quinquecorne</i> (B)		Present	
	8/15/2011	8:25	Surfc	<i>Scrippsiella</i> sp. (B)		Present	
	8/22/2011	9:10	Surfc	<i>Chattonella</i> cf. <i>verruculosa</i> (T)		Common	0.100
	8/22/2011	9:10	Surfc	<i>Chattonella subsalsa</i> (T)		Common	0.130
	8/22/2011	9:10	Surfc	<i>Fibrocapsa japonica</i> (T)		Present	

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<b>Indian River</b>							
<u>White Creek</u>							
IR32: Holly Terrace Acres Canal Dead End, White Creek							
	8/22/2011	9:10	Surfc	<i>Heterosigma akashiwo</i> (T)		Present	
	8/22/2011	9:10	Surfc	<i>Kryptoperidinium foliaceum</i> (B)		Present	
	8/22/2011	9:10	Surfc	<i>Prorocentrum minimum</i> (T)		Common	0.590
	8/22/2011	9:10	Surfc	<i>Prorocentrum triestinum</i> (B)		Common	0.600
	8/22/2011	9:10	Surfc	<i>Protooperidinium quinquecorne</i> (B)		Present	
	8/22/2011	9:10	Surfc	<i>Scrippsiella sp.</i> (B)		Common	0.390
	8/30/2011	8:20	Surfc	<i>Scrippsiella sp.</i> (B)		Present	
<b>Little Assawoman Bay</b>							
LA45: Fenwick Island Bayside							
	8/23/2011	8:15	Surfc	<i>Chattonella cf. verruculosa</i> (T)		Present	
<u>Assawoman Canal</u>							
LA10: Assawoman Canal @ Kent Ave Bridge							
	8/22/2011	7:30	Surfc	<i>Chattonella cf. verruculosa</i> (T)		Common	0.300
	8/22/2011	7:30	Surfc	<i>Heterocapsa rotundata</i> (B)		Present	
	8/22/2011	7:30	Surfc	<i>Karlodinium veneficum</i> (T)		Present	
	8/22/2011	7:30	Surfc	<i>Kryptoperidinium foliaceum</i> (B)		Present	
<u>Dirickson Creek</u>							
LA03: Mulberry Landing							
	8/22/2011	8:10	Surfc	<i>Akashiwo sanguinea</i> (T)		Present	
	8/22/2011	8:10	Surfc	<i>Heterosigma akashiwo</i> (T)		Present	
	8/22/2011	8:10	Surfc	<i>Karlodinium veneficum</i> (T)		Common	0.110
	8/22/2011	8:10	Surfc	<i>Prorocentrum minimum</i> (T)		Present	
	8/22/2011	8:10	Surfc	<i>Scrippsiella sp.</i> (B)		Present	
LA09: Dirickson Creek at Road 381 bridge.							
	8/23/2011	8:10	Surfc	<i>Heterocapsa rotundata</i> (B)		Present	
	8/23/2011	8:10	Surfc	<i>Karlodinium veneficum</i> (T)		Present	
	8/23/2011	8:10	Surfc	<i>Protooperidinium quinquecorne</i> (B)		Present	
<u>Jefferson Creek</u>							
SB10E: Russell Canal east dead end							
	8/16/2011	7:51	Surfc	<i>Karlodinium veneficum</i> (T)		Present	
	8/16/2011	7:51	Surfc	<i>Scrippsiella sp.</i> (B)		Present	
	8/23/2011	7:56	Surfc	<i>Chattonella cf. verruculosa</i> (T)		Common	0.560
	8/23/2011	7:56	Surfc	<i>Chattonella subsalsa</i> (T)		Present	
	8/23/2011	7:56	Surfc	<i>Heterocapsa rotundata</i> (B)		Present	
	8/23/2011	7:56	Surfc	<i>Karlodinium veneficum</i> (T)		Common	0.160
	8/23/2011	7:56	Surfc	<i>Kryptoperidinium foliaceum</i> (B)		Present	
	8/23/2011	7:56	Surfc	<i>Protooperidinium quinquecorne</i> (B)		Present	
	8/30/2011	7:55	Surfc	<i>Chattonella cf. verruculosa</i> (T)		Common	0.250
	8/30/2011	7:55	Surfc	<i>Heterosigma akashiwo</i> (T)		Present	
	8/30/2011	7:55	Surfc	<i>Karlodinium veneficum</i> (T)		Present	

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Abundance Levels: Not Found: Looked for, but no cells found; Very Rare: < 0.001 MC/L; Rare 0.001 - 0.01 MC/L; Present: 0.01 - 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.

**University of Delaware Citizen Monitoring Program**

Water Body Tributary Site	Date	Time	Smpl Dpth	Name	Comment if ID uncertain	Abundance	MC/L
<b>Little Assawoman Bay</b>							
<u>Jefferson Creek</u>							
SB10E: Russell Canal east dead end							
	8/30/2011	7:55	Surfc	<i>Kryptoperidinium foliaceum</i> (B)		Present	
	8/30/2011	7:55	Surfc	<i>Protopteridinium quinquecorne</i> (B)		Present	
SB10W: Russell Canal west dead end							
	8/16/2011	8:08	Surfc	<i>"Gymnodinioid" sp.</i> (S)	10-15 um Grn	Present	
	8/16/2011	8:08	Surfc	<i>Heterosigma akashiwo</i> (T)		Present	
	8/16/2011	8:08	Surfc	<i>Karlodinium veneficum</i> (T)		Present	
	8/16/2011	8:08	Surfc	<i>Scrippsiella sp.</i> (B)		Present	
	8/23/2011	8:15	Surfc	<i>Chattonella cf. verruculosa</i> (T)		Many	7.700
	8/23/2011	8:15	Surfc	<i>Heterocapsa rotundata</i> (B)		Present	
	8/23/2011	8:15	Surfc	<i>Karlodinium veneficum</i> (T)		Present	
	8/30/2011	8:15	Surfc	<i>Chattonella cf. verruculosa</i> (T)		Present	
	8/30/2011	8:15	Surfc	<i>Heterosigma akashiwo</i> (T)		Present	
	8/30/2011	8:15	Surfc	<i>Karlodinium veneficum</i> (T)		Present	
	8/30/2011	8:15	Surfc	<i>Kryptoperidinium foliaceum</i> (B)		Present	
<b>Rehoboth Bay</b>							
ML: Massey's Landing							
	8/22/2011	11:40	Surfc	<i>Akashiwo sanguinea</i> (T)		Present	
	8/22/2011	11:40	Surfc	<i>Heterosigma akashiwo</i> (T)		Present	
	8/22/2011	11:40	Surfc	<i>Karlodinium veneficum</i> (T)		Present	
	8/22/2011	11:40	Surfc	<i>Prorocentrum triestinum</i> (B)		Present	
RB07: West Bay Park							
	8/23/2011	8:30	Surfc	<i>Akashiwo sanguinea</i> (T)		Present	
	8/23/2011	8:30	Surfc	<i>Chaetoceros spp.</i> (T)		Common	0.150
	8/23/2011	8:30	Surfc	<i>Heterosigma akashiwo</i> (T)		Common	0.390
	8/23/2011	8:30	Surfc	<i>Karlodinium veneficum</i> (T)		Present	
	8/23/2011	8:30	Surfc	<i>Kryptoperidinium foliaceum</i> (B)		Present	
	8/23/2011	8:30	Surfc	<i>Prorocentrum minimum</i> (T)		Present	
	8/23/2011	8:30	Surfc	<i>Scrippsiella sp.</i> (B)		Present	
<u>Bald Eagle Creek</u>							
RB64: Torquay Canal, west side of Land's End near UD Site #1							
	8/15/2011	8:00	Surfc	<i>Fibrocapsa japonica</i> (T)		Present	
	8/15/2011	8:00	Surfc	<i>Gyrodinium instriatum</i> (B)		Present	
	8/15/2011	8:00	Surfc	<i>Heterocapsa rotundata</i> (B)		Present	
	8/15/2011	8:00	Surfc	<i>Karlodinium veneficum</i> (T)		Present	
	8/15/2011	8:00	Surfc	<i>Scrippsiella sp.</i> (B)		Present	
	8/22/2011	8:19	Surfc	<i>Chattonella cf. verruculosa</i> (T)		Present	
	8/22/2011	8:19	Surfc	<i>Fibrocapsa japonica</i> (T)		Present	
	8/22/2011	8:19	Surfc	<i>Heterosigma akashiwo</i> (T)		Present	
	8/22/2011	8:19	Surfc	<i>Karlodinium veneficum</i> (T)		Common	0.800
	8/22/2011	8:19	Surfc	<i>Kryptoperidinium foliaceum</i> (B)		Present	
	8/30/2011	9:15	Surfc	<i>Anabaena spp.</i> (T)		Common	0.400

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**University of Delaware Citizen Monitoring Program**

Water Body Tributary Site	Date	Time	Smpl Dpth	Name	Comment if ID uncertain	Abundance	MC/L
<b>Rehoboth Bay</b>							
<u>Bald Eagle Creek</u>							
RB64: Torquay Canal, west side of Land's End near UD Site #1							
	8/30/2011	9:15	Surfc	<i>Heterocapsa rotundata</i> (B)		Present	
	8/30/2011	9:15	Surfc	<i>Heterosigma akashiwo</i> (T)		Present	
	8/30/2011	9:15	Surfc	<i>Karlodinium veneficum</i> (T)		Present	
	8/30/2011	9:15	Surfc	<i>Microcystis spp.</i> (T)		Present	
	8/30/2011	9:15	Surfc	<i>Scrippsiella sp.</i> (B)		Present	
<u>Guinea Creek</u>							
RB05: Mouth of Guinea Creek (Pot Nets Creekside)							
	8/22/2011	12:00	Surfc	<i>Chaetoceros spp.</i> (T)		Common	0.110
	8/22/2011	12:00	Surfc	<i>Heterosigma akashiwo</i> (T)		Present	
	8/22/2011	12:00	Surfc	<i>Karlodinium veneficum</i> (T)		Present	
	8/22/2011	12:00	Surfc	<i>Prorocentrum minimum</i> (T)		Present	
RB06: Guinea Creek (Winding Creek Village)							
	8/22/2011	7:50	Surfc	<i>Karlodinium veneficum</i> (T)		Present	
	8/22/2011	7:50	Surfc	<i>Scrippsiella sp.</i> (B)		Present	
<u>Herring Creek</u>							
RB04: Herring Creek, Mid-Section							
	8/23/2011	8:50	Surfc	<i>Akashiwo sanguinea</i> (T)		Present	
	8/23/2011	8:50	Surfc	<i>Karlodinium veneficum</i> (T)		Present	
<u>Love Creek</u>							
RB34: Love Creek at Rt 24 Bridge							
	8/22/2011	8:37	Surfc	<i>Gyrodinium instriatum</i> (B)		Common	0.300
	8/22/2011	8:37	Surfc	<i>Heterosigma akashiwo</i> (T)		Present	
	8/22/2011	8:37	Surfc	<i>Karlodinium veneficum</i> (T)		Present	

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