

Harmful Algae Report

All data between 8/17/2010 and 9/8/2010

University of Delaware 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							
	8/31/2010	8:16	Surfc	<i>Heterocapsa rotundata</i> (B)		Present	
	8/31/2010	8:16	Surfc	<i>Heterosigma akashiwo</i> (T)		Present	
Atlantic Ocean							
RWPM14: Tower Rd Ocean, Delaware Seashore State Park							
	8/17/2010	9:30	Surfc	<i>Chaetoceros</i> spp. (T)		Present	0.020
	8/17/2010	9:30	Surfc	<i>Ditylum</i> spp. (T)		Rare	0.001
	8/17/2010	9:30	Surfc	<i>Prorocentrum micans</i> (B)		Very Rare	
	8/17/2010	9:30	Surfc	<i>Prorocentrum scutellum</i> (B)		Very Rare	
	8/17/2010	9:30	Surfc	<i>Prorocentrum triestinum</i> (B)		Very Rare	
	8/17/2010	9:30	Surfc	<i>Pseudo-nitzschia</i> spp. (T)		Rare	0.005
	8/17/2010	9:30	Surfc	<i>Rhizosolenia</i> spp. (T)		Very Rare	
	8/17/2010	9:30	Surfc	<i>Scrippsiella</i> sp. (B)		Very Rare	
	8/31/2010	9:05	Surfc	<i>Amphidinium</i> spp. (T)		Rare	0.001
	8/31/2010	9:05	Surfc	<i>Chaetoceros</i> spp. (T)		Present	0.020
	8/31/2010	9:05	Surfc	<i>Ditylum</i> spp. (T)		Rare	0.003
	8/31/2010	9:05	Surfc	<i>Prorocentrum scutellum</i> (B)		Very Rare	
	8/31/2010	9:05	Surfc	<i>Prorocentrum triestinum</i> (B)		Very Rare	
	8/31/2010	9:05	Surfc	<i>Protoperidinium quinquecorne</i> (B)		Very Rare	
	8/31/2010	9:05	Surfc	<i>Pseudo-nitzschia</i> spp. (T)		Present	0.021
RWPM8: Cape Henlopen State Park Beach (2)							
	8/24/2010	11:00	Surfc	<i>Chaetoceros</i> spp. (T)		Common	0.168
	8/24/2010	11:00	Surfc	<i>Ditylum</i> spp. (T)		Rare	0.002
	8/24/2010	11:00	Surfc	<i>Prorocentrum scutellum</i> (B)		Very Rare	
	8/24/2010	11:00	Surfc	<i>Prorocentrum triestinum</i> (B)		Rare	0.001
	8/24/2010	11:00	Surfc	<i>Pseudo-nitzschia</i> spp. (T)		Present	0.022
	8/24/2010	11:00	Surfc	<i>Rhizosolenia</i> spp. (T)		Very Rare	
	9/7/2010	10:00	Surfc	<i>Amphidinium</i> spp. (T)		Very Rare	
	9/7/2010	10:00	Surfc	<i>Chaetoceros</i> spp. (T)		Present	0.054
	9/7/2010	10:00	Surfc	<i>Ditylum</i> spp. (T)		Very Rare	
	9/7/2010	10:00	Surfc	<i>Karenia papilionacea</i> (T)		Very Rare	
	9/7/2010	10:00	Surfc	<i>Prorocentrum minimum</i> (T)		Rare	0.001
	9/7/2010	10:00	Surfc	<i>Prorocentrum scutellum</i> (B)		Very Rare	
	9/7/2010	10:00	Surfc	<i>Prorocentrum triestinum</i> (B)		Rare	0.002
	9/7/2010	10:00	Surfc	<i>Protoperidinium quinquecorne</i> (B)		Very Rare	
RWPMIV: Fenwick Island State Park							
	8/17/2010	8:25	Surfc	<i>Ceratium pentagonum</i> (B)		Very Rare	
	8/17/2010	8:25	Surfc	<i>Chaetoceros</i> spp. (T)		Present	0.072

Name subscripts: (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.

University of Delaware Citizen Monitoring Program

Water Body Tributary Site	Date	Time	Smpl Dpth	Name	Comment if ID uncertain	Abundance	MC/L
Atlantic Ocean							
RWPMIV: Fenwick Island State Park							
	8/17/2010	8:25	Surfc	<i>Dinophysis acuminata</i> (T)		Very Rare	
	8/17/2010	8:25	Surfc	<i>Ditylum spp.</i> (T)		Very Rare	
	8/17/2010	8:25	Surfc	<i>Prorocentrum minimum</i> (T)		Very Rare	
	8/17/2010	8:25	Surfc	<i>Prorocentrum scutellum</i> (B)		Rare	0.001
	8/17/2010	8:25	Surfc	<i>Prorocentrum triestinum</i> (B)		Rare	0.002
	8/17/2010	8:25	Surfc	<i>Pseudo-nitzschia spp.</i> (T)		Rare	0.006
	8/17/2010	8:25	Surfc	<i>Rhizosolenia spp.</i> (T)		Very Rare	
	8/31/2010	8:40	Surfc	<i>Chaetoceros spp.</i> (T)		Present	0.044
	8/31/2010	8:40	Surfc	<i>Ditylum spp.</i> (T)		Rare	0.002
	8/31/2010	8:40	Surfc	<i>Prorocentrum triestinum</i> (B)		Very Rare	
	8/31/2010	8:40	Surfc	<i>Pseudo-nitzschia spp.</i> (T)		Present	0.011
Broadkill River							
BR01: Broadkill river @ PEL dock.							
	9/1/2010	8:45	Net	<i>Chaetoceros spp.</i> (T)			
	9/1/2010	8:45	Net	<i>Chattonella subsalsa</i> (T)			
	9/1/2010	8:45	Net	<i>Ditylum spp.</i> (T)			
	9/1/2010	8:45	Net	<i>Heterocapsa rotundata</i> (B)			
	9/1/2010	8:45	Net	<i>Karlodinium veneficum</i> (T)			
	9/1/2010	8:45	Net	<i>Kryptoperidinium foliaceum</i> (B)			
	9/1/2010	8:45	Net	<i>Prorocentrum scutellum</i> (B)			
	9/1/2010	8:45	Net	<i>Pseudo-nitzschia spp.</i> (T)			
	9/1/2010	8:45	Net	<i>Rhizosolenia spp.</i> (T)			
	9/1/2010	8:45	Net	<i>Scrippsiella sp.</i> (B)			
	9/1/2010	8:45	Surfc	<i>Heterocapsa rotundata</i> (B)		Present	
	9/1/2010	8:45	Surfc	<i>Karlodinium veneficum</i> (T)		Common	0.460
	9/8/2010	9:00	Net	<i>Chaetoceros spp.</i> (T)			
	9/8/2010	9:00	Net	<i>Ditylum spp.</i> (T)			
	9/8/2010	9:00	Net	<i>Heterocapsa rotundata</i> (B)			
	9/8/2010	9:00	Net	<i>Karlodinium veneficum</i> (T)			
	9/8/2010	9:00	Net	<i>Rhizosolenia spp.</i> (T)			
	9/8/2010	9:00	Surfc	<i>Heterocapsa rotundata</i> (B)		Present	
	9/8/2010	9:00	Surfc	<i>Karlodinium veneficum</i> (T)		Present	
BR20: Broadkill River at Milton tidal pond							
	9/1/2010	7:30	Surfc	<i>Anabaena spp.</i> (T)		Common	0.560
	9/1/2010	7:30	Surfc	<i>Aphanizomenon spp.</i> (T)		Common	0.250
Diamond Pond							
BR48: Diamond Pond							
	9/1/2010	11:09	Surfc	<i>Aphanizomenon spp.</i> (T)		Common	0.500
	9/1/2010	11:09	Surfc	<i>Lyngbya</i> (T)		Present	
Old Mill Creek							
BR21: Old Mill Creek downstream from Red Mill Pond							
	9/1/2010	12:20	Surfc	<i>(Unknown) sp.</i> (B*)	5-15 um Grn trdrp	Abundant	11.000

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Broadkill River							
<u>Old Mill Creek</u>							
BR21: Old Mill Creek downstream from Red Mill Pond							
	9/1/2010	12:20	Surfc	<i>Amphidinium spp. (T)</i>		Present	
	9/1/2010	12:20	Surfc	<i>Heterosigma akashiwo (T)</i>		Common	0.450
	9/1/2010	12:20	Surfc	<i>Microcystis spp. (T)</i>		Common	0.880
<u>Prime Hook Creek</u>							
BR03: Prime Hook Creek at Boat Ramp at Refuge Headquarters							
	9/1/2010	11:55	Surfc	<i>Chaetoceros spp. (T)</i>		Common	
	9/1/2010	11:55	Surfc	<i>Karlodinium veneficum (T)</i>		Many	7.700
	9/1/2010	11:55	Surfc	<i>Prymnesium sp. (T)</i>		Very Abundant	1016.000
<u>Red Mill Pond</u>							
BR54: Red Mill Pond outlet at Rt 1							
	9/1/2010	12:35	Surfc	<i>Aphanizomenon spp. (T)</i>		Common	0.250
	9/1/2010	12:35	Surfc	<i>Lyngbya (T)</i>		Present	
	9/1/2010	12:35	Surfc	<i>Microcystis spp. (T)</i>		Many	5.400
Delaware Bay							
DB01: End of Cape Shores pier							
	8/17/2010	10:17	Surfc	<i>Karlodinium veneficum (T)</i>		Present	
	8/17/2010	10:17	Surfc	<i>Prorocentrum triestinum (B)</i>		Present	
	8/31/2010	9:10	Surfc	<i>Heterocapsa rotundata (B)</i>		Present	
	8/31/2010	9:10	Surfc	<i>Karlodinium veneficum (T)</i>		Present	
	8/31/2010	9:10	Surfc	<i>Kryptoperidinium foliaceum (B)</i>		Present	
	9/7/2010	9:36	Surfc	<i>Amphidinium spp. (T)</i>		Present	
	9/7/2010	9:36	Surfc	<i>Chaetoceros spp. (T)</i>		Present	
	9/7/2010	9:36	Surfc	<i>Heterocapsa rotundata (B)</i>		Common	0.150
	9/7/2010	9:36	Surfc	<i>Heterosigma akashiwo (T)</i>		Present	
	9/7/2010	9:36	Surfc	<i>Karlodinium veneficum (T)</i>		Present	
<u>Canary Creek</u>							
BR19: Canary Creek at New Road							
	9/2/2010	11:45	Surfc	<i>Heterosigma akashiwo (T)</i>		Abundant	20.900
BR40: Canary Creek at Pilottown Rd							
	9/1/2010	9:35	Surfc	<i>"Gymnodinioid" sp. (S)</i>	25-40 um Grn	Present	
	9/1/2010	9:35	Surfc	<i>Chaetoceros spp. (T)</i>		Common	0.112
	9/1/2010	9:35	Surfc	<i>Heterocapsa rotundata (B)</i>		Present	
	9/1/2010	9:35	Surfc	<i>Heterosigma akashiwo (T)</i>		Present	
	9/1/2010	9:35	Surfc	<i>Karlodinium veneficum (T)</i>		Common	0.180
	9/1/2010	9:35	Surfc	<i>Rhizosolenia spp. (T)</i>		Present	
Indian River							
<u>Assawoman Canal</u>							
IR50: Assawoman Canal at N end, marina dock							
	8/31/2010	8:20	Surfc	<i>Chattonella cf. verruculosa (T)</i>		Common	0.270
	8/31/2010	8:20	Surfc	<i>Chattonella subsalsa (T)</i>		Present	

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Indian River							
<u>Assawoman Canal</u>							
IR50: Assawoman Canal at N end, marina dock							
	8/31/2010	8:20	Surfc	<i>Heterosigma akashiwo</i> (T)		Present	
	8/31/2010	8:20	Surfc	<i>Karlodinium veneficum</i> (T)		Present	
	8/31/2010	8:20	Surfc	<i>Kryptoperidinium foliaceum</i> (B)		Present	
<u>Bethany Loop Canal</u>							
IR62: Loop Canal, Pa Ave terminus, Bethany Beach							
	8/30/2010	8:04	Surfc	<i>Chattonella cf. verruculosa</i> (T)		Many	5.700
	8/30/2010	8:04	Surfc	<i>Gyrodinium instriatum</i> (B)		Common	0.280
	8/30/2010	8:04	Surfc	<i>Kryptoperidinium foliaceum</i> (B)		Present	
<u>Indian River</u>							
IR04: Warwick Cove							
	8/30/2010	10:35	Surfc	(Unknown) sp. (B*)	5-15 um Grn trdrp	Abundant	15.400
	8/30/2010	10:35	Surfc	<i>Akashiwo sanguinea</i> (T)		Present	
	8/30/2010	10:35	Surfc	<i>Heterocapsa rotundata</i> (B)		Common	0.110
	8/30/2010	10:35	Surfc	<i>Heterosigma akashiwo</i> (T)		Many	1.000
	8/30/2010	10:35	Surfc	<i>Karlodinium veneficum</i> (T)		Present	
	8/31/2010	10:37	Surfc	(Unknown) (B*)	<5 um spheres	Abundant	26.400
	8/31/2010	10:37	Surfc	<i>Chattonella cf. verruculosa</i> (T)		Present	
	8/31/2010	10:37	Surfc	<i>Heterocapsa rotundata</i> (B)		Common	0.580
	8/31/2010	10:37	Surfc	<i>Karlodinium veneficum</i> (T)		Common	0.140
	8/31/2010	10:37	Surfc	<i>Navicula (small)</i> (B*)		Abundant	22.000
IR07: Holt's Landing State Park							
	8/31/2010	7:30	Surfc	<i>Heterocapsa rotundata</i> (B)		Present	
	8/31/2010	7:30	Surfc	<i>Heterosigma akashiwo</i> (T)		Present	
	8/31/2010	7:30	Surfc	<i>Karlodinium veneficum</i> (T)		Present	
IR11: Pot Nets Seaside Pier							
	8/30/2010	11:00	Surfc	<i>Heterocapsa rotundata</i> (B)		Present	
IR36B: James Farm, Pasture Point By Boat							
	8/31/2010	8:20	Surfc	<i>Chattonella cf. verruculosa</i> (T)		Present	
	8/31/2010	8:20	Surfc	<i>Fibrocapsa japonica</i> (T)		Present	
	8/31/2010	8:20	Surfc	<i>Heterocapsa rotundata</i> (B)		Present	
	8/31/2010	8:20	Surfc	<i>Heterosigma akashiwo</i> (T)		Common	0.260
	8/31/2010	8:20	Surfc	<i>Karlodinium veneficum</i> (T)		Present	
	8/31/2010	8:20	Surfc	<i>Kryptoperidinium foliaceum</i> (B)		Common	0.210
	8/31/2010	8:20	Surfc	<i>Scripsiella sp.</i> (B)		Present	
IR39: North side of Inlet at Wheelchair fishing platform under new bridge.							
	8/24/2010	8:30	Surfc	<i>Ceratium pentagonum</i> (B)		Rare	0.001
	8/24/2010	8:30	Surfc	<i>Chaetoceros spp.</i> (T)		Present	0.046
	8/24/2010	8:30	Surfc	<i>Ditylum spp.</i> (T)		Rare	0.001
	8/24/2010	8:30	Surfc	<i>Prorocentrum scutellum</i> (B)		Very Rare	
	8/24/2010	8:30	Surfc	<i>Prorocentrum sp.</i> (T)		Very Rare	
	8/24/2010	8:30	Surfc	<i>Pseudo-nitzschia spp.</i> (T)		Present	0.030

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Indian River							
<u>Indian River</u>							
IR39: North side of Inlet at Wheelchair fishing platform under new bridge.							
	8/24/2010	8:30	Surfc	<i>Rhizosolenia spp. (T)</i>		Rare	0.001
	9/7/2010	8:11	Surfc	<i>Chaetoceros spp. (T)</i>		Present	0.040
	9/7/2010	8:11	Surfc	<i>Ditylum spp. (T)</i>		Rare	0.008
	9/7/2010	8:11	Surfc	<i>Karenia papilionacea (T)</i>		Rare	0.006
	9/7/2010	8:11	Surfc	<i>Prorocentrum minimum (T)</i>		Very Rare	
	9/7/2010	8:11	Surfc	<i>Prorocentrum scutellum (B)</i>		Rare	0.002
	9/7/2010	8:11	Surfc	<i>Prorocentrum sp. (T)</i>		Very Rare	
	9/7/2010	8:11	Surfc	<i>Prorocentrum triestinum (B)</i>		Very Rare	
	9/7/2010	8:11	Surfc	<i>Pseudo-nitzschia spp. (T)</i>		Rare	0.009
	9/7/2010	8:11	Surfc	<i>Rhizosolenia spp. (T)</i>		Very Rare	
<u>Vines Creek</u>							
IR38: Vines Lane							
	8/31/2010	8:45	Surfc	<i>Chattonella cf. verruculosa (T)</i>		Present	
	8/31/2010	8:45	Surfc	<i>Gyrodinium instriatum (B)</i>		Present	
	8/31/2010	8:45	Surfc	<i>Heterocapsa rotundata (B)</i>		Present	
<u>White Creek</u>							
IR32: Holly Terrace Acres Canal Dead End, White Creek							
	8/17/2010	12:30	Surfc	<i>Chattonella cf. verruculosa (T)</i>		Present	
	8/17/2010	12:30	Surfc	<i>Chattonella subsalsa (T)</i>		Present	
	8/17/2010	12:30	Surfc	<i>Fibrocapsa japonica (T)</i>		Many	9.700
	8/17/2010	12:30	Surfc	<i>Heterosigma akashiwo (T)</i>		Present	
	8/17/2010	12:30	Surfc	<i>Karodinium veneficum (T)</i>		Common	0.140
	8/23/2010	7:55	Surfc	<i>Akashiwo sanguinea (T)</i>		Present	
	8/23/2010	7:55	Surfc	<i>Chattonella subsalsa (T)</i>		Present	
	8/23/2010	7:55	Surfc	<i>Fibrocapsa japonica (T)</i>		Present	
	8/23/2010	7:55	Surfc	<i>Gyrodinium instriatum (B)</i>		Common	0.190
	8/23/2010	7:55	Surfc	<i>Heterosigma akashiwo (T)</i>		Common	0.440
	8/23/2010	7:55	Surfc	<i>Kryptoperidinium foliaceum (B)</i>		Present	
	8/30/2010	9:35	Surfc	<i>Gyrodinium instriatum (B)</i>		Present	
	8/30/2010	9:35	Surfc	<i>Heterocapsa rotundata (B)</i>		Present	
	8/30/2010	9:35	Surfc	<i>Heterosigma akashiwo (T)</i>		Present	
	8/30/2010	9:35	Surfc	<i>Protoperidinium quinquecorne (B)</i>		Present	
	8/30/2010	9:40	Surfc	<i>Fibrocapsa japonica (T)</i>		Present	
	8/30/2010	9:40	Surfc	<i>Gyrodinium instriatum (B)</i>		Common	0.140
	8/30/2010	9:40	Surfc	<i>Heterosigma akashiwo (T)</i>		Present	
	8/30/2010	9:40	Surfc	<i>Kryptoperidinium foliaceum (B)</i>		Present	
	8/30/2010	9:40	Surfc	<i>Protoperidinium quinquecorne (B)</i>		Present	
	9/7/2010	8:50	Surfc	<i>Chattonella cf. verruculosa (T)</i>		Common	0.250
	9/7/2010	8:50	Surfc	<i>Chattonella subsalsa (T)</i>		Common	0.988
	9/7/2010	8:50	Surfc	<i>Fibrocapsa japonica (T)</i>		Common	0.825

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Indian River							
<u>White Creek</u>							
IR32: Holly Terrace Acres Canal Dead End, White Creek							
	9/7/2010	8:50	Surfc	<i>Heterocapsa rotundata</i> (B)		Present	
	9/7/2010	8:50	Surfc	<i>Heterosigma akashiwo</i> (T)		Present	
	9/7/2010	8:50	Surfc	<i>Karlodinium veneficum</i> (T)		Present	
	9/7/2010	8:50	Surfc	<i>Kryptoperidinium foliaceum</i> (B)		Present	
Little Assawoman Bay							
LA45: Fenwick Island Bayside							
	8/31/2010	8:15	Surfc	<i>Heterocapsa rotundata</i> (B)		Present	
<u>Assawoman Canal</u>							
LA10: Assawoman Canal @ Kent Ave Bridge							
	8/30/2010	7:50	Surfc	<i>Akashiwo sanguinea</i> (T)		Present	
	8/30/2010	7:50	Surfc	<i>Chattonella cf. verruculosa</i> (T)		Common	0.490
	8/30/2010	7:50	Surfc	<i>Fibrocapsa japonica</i> (T)		Present	
	8/30/2010	7:50	Surfc	<i>Heterocapsa rotundata</i> (B)		Common	0.160
	8/30/2010	7:50	Surfc	<i>Karlodinium veneficum</i> (T)		Present	
	8/30/2010	7:50	Surfc	<i>Kryptoperidinium foliaceum</i> (B)		Present	
<u>Dirickson Creek</u>							
LA03: Mulberry Landing							
	8/30/2010	8:30	Surfc	<i>Chattonella cf. verruculosa</i> (T)		Present	
	8/30/2010	8:30	Surfc	<i>Chattonella subsalsa</i> (T)		Present	
	8/30/2010	8:30	Surfc	<i>Heterosigma akashiwo</i> (T)		Present	
	8/30/2010	8:30	Surfc	<i>Karlodinium veneficum</i> (T)		Present	
	8/30/2010	8:30	Surfc	<i>Kryptoperidinium foliaceum</i> (B)		Present	
LA09: Dirickson Creek at Road 381 bridge.							
	8/30/2010	9:05	Surfc	<i>Chattonella cf. verruculosa</i> (T)		Common	0.610
	8/30/2010	9:05	Surfc	<i>Gyrodinium instriatum</i> (B)		Common	0.650
	8/30/2010	9:05	Surfc	<i>Heterosigma akashiwo</i> (T)		Present	
	8/30/2010	9:05	Surfc	<i>Karlodinium veneficum</i> (T)		Present	
	8/30/2010	9:05	Surfc	<i>Kryptoperidinium foliaceum</i> (B)		Present	
	8/30/2010	9:05	Surfc	<i>Protoperidinium quinquecorne</i> (B)		Present	
	8/30/2010	9:05	Surfc	<i>Scrippsiella sp.</i> (B)		Present	
<u>Jefferson Creek</u>							
SB10E: Russell Canal east dead end							
	8/17/2010	7:50	Surfc	<i>Chattonella cf. verruculosa</i> (T)		Present	
	8/17/2010	7:50	Surfc	<i>Fibrocapsa japonica</i> (T)		Present	
	8/17/2010	7:50	Surfc	<i>Gyrodinium instriatum</i> (B)		Present	
	8/17/2010	7:50	Surfc	<i>Heterosigma akashiwo</i> (T)		Present	
	8/17/2010	7:50	Surfc	<i>Karlodinium veneficum</i> (T)		Present	
	8/17/2010	7:50	Surfc	<i>Kryptoperidinium foliaceum</i> (B)		Present	
	8/24/2010	7:48	Surfc	<i>Chattonella cf. verruculosa</i> (T)		Common	0.800
	8/24/2010	7:48	Surfc	<i>Fibrocapsa japonica</i> (T)		Present	

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Water Body Tributary Site	Date	Time	Smpl Dpth	Name	Comment if ID uncertain	Abundance	MC/L
Little Assawoman Bay							
<u>Jefferson Creek</u>							
SB10E: Russell Canal east dead end							
	8/24/2010	7:48	Surfc	<i>Gyrodinium instriatum (B)</i>		Present	
	8/24/2010	7:48	Surfc	<i>Heterocapsa rotundata (B)</i>		Present	
	8/24/2010	7:48	Surfc	<i>Heterosigma akashiwo (T)</i>		Present	
	8/24/2010	7:48	Surfc	<i>Karlodinium veneficum (T)</i>		Present	
	8/24/2010	7:48	Surfc	<i>Kryptoperidinium foliaceum (B)</i>		Present	
	8/31/2010	7:58	Surfc	<i>Chattonella cf. verruculosa (T)</i>		Common	0.900
	8/31/2010	7:58	Surfc	<i>Chattonella subsalsa (T)</i>		Present	
	8/31/2010	7:58	Surfc	<i>Fibrocapsa japonica (T)</i>		Common	0.260
	8/31/2010	7:58	Surfc	<i>Gyrodinium instriatum (B)</i>		Present	
	8/31/2010	7:58	Surfc	<i>Heterocapsa rotundata (B)</i>		Present	
	8/31/2010	7:58	Surfc	<i>Heterosigma akashiwo (T)</i>		Common	0.410
	8/31/2010	7:58	Surfc	<i>Karlodinium veneficum (T)</i>		Present	
	9/7/2010	8:20	Surfc	<i>Chattonella cf. verruculosa (T)</i>		Present	
	9/7/2010	8:20	Surfc	<i>Chattonella subsalsa (T)</i>		Present	
	9/7/2010	8:20	Surfc	<i>Fibrocapsa japonica (T)</i>		Present	
	9/7/2010	8:20	Surfc	<i>Heterocapsa rotundata (B)</i>		Present	
	9/7/2010	8:20	Surfc	<i>Heterosigma akashiwo (T)</i>		Present	
	9/7/2010	8:20	Surfc	<i>Karlodinium veneficum (T)</i>		Present	
SB10W: Russell Canal west dead end							
	8/17/2010	8:05	Surfc	<i>Chattonella cf. verruculosa (T)</i>		Present	
	8/17/2010	8:05	Surfc	<i>Fibrocapsa japonica (T)</i>		Present	
	8/17/2010	8:05	Surfc	<i>Gyrodinium instriatum (B)</i>		Present	
	8/17/2010	8:05	Surfc	<i>Karlodinium veneficum (T)</i>		Present	
	8/24/2010	8:05	Surfc	<i>Chattonella cf. verruculosa (T)</i>		Present	
	8/24/2010	8:05	Surfc	<i>Karlodinium veneficum (T)</i>		Present	
	8/24/2010	8:05	Surfc	<i>Protoperidinium quinquecorne (B)</i>		Present	
	8/31/2010	8:17	Surfc	<i>Chattonella cf. verruculosa (T)</i>		Common	0.120
	8/31/2010	8:17	Surfc	<i>Heterocapsa rotundata (B)</i>		Present	
	8/31/2010	8:17	Surfc	<i>Heterosigma akashiwo (T)</i>		Present	
	9/7/2010	8:10	Surfc	<i>Chattonella cf. verruculosa (T)</i>		Common	0.110
	9/7/2010	8:10	Surfc	<i>Fibrocapsa japonica (T)</i>		Present	
	9/7/2010	8:10	Surfc	<i>Gyrodinium instriatum (B)</i>		Present	
	9/7/2010	8:10	Surfc	<i>Heterocapsa rotundata (B)</i>		Present	
	9/7/2010	8:10	Surfc	<i>Heterosigma akashiwo (T)</i>		Many	9.500
	9/7/2010	8:10	Surfc	<i>Karlodinium veneficum (T)</i>		Present	
Rehoboth Bay							
ML: Massey's Landing							
	8/30/2010	11:33	Surfc	<i>Heterocapsa rotundata (B)</i>		Present	
RB07: West Bay Park							
	8/31/2010	8:30	Surfc	<i>Chattonella subsalsa (T)</i>		Present	
	8/31/2010	8:30	Surfc	<i>Heterocapsa rotundata (B)</i>		Present	

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Water Body Tributary Site	Date	Time	Smpl Dpth	Name	Comment if ID uncertain	Abundance	MC/L
Rehoboth Bay							
RB07: West Bay Park							
	8/31/2010	8:30	Surfc	<i>Heterosigma akashiwo</i> (T)		Present	
	8/31/2010	8:30	Surfc	<i>Karlodinium veneficum</i> (T)		Present	
	8/31/2010	8:30	Surfc	<i>Kryptoperidinium foliaceum</i> (B)		Present	
<u>Bald Eagle Creek</u>							
RB46: Torquay Canal at East bulkhead on Land's End.							
	8/30/2010	8:29	Surfc	<i>Chattonella cf. verruculosa</i> (T)		Present	
	8/30/2010	8:29	Surfc	<i>Gyrodinium instriatum</i> (B)		Common	0.180
	8/30/2010	8:29	Surfc	<i>Heterocapsa rotundata</i> (B)		Common	0.480
	8/30/2010	8:29	Surfc	<i>Heterosigma akashiwo</i> (T)		Present	
	8/30/2010	8:29	Surfc	<i>Kryptoperidinium foliaceum</i> (B)		Present	
	8/30/2010	8:29	Surfc	<i>Microcystis spp.</i> (T)		Common	0.130
RB64: Torquay Canal, west side of Land's End near UD Site #1							
	8/23/2010	8:30	Surfc	<i>Chattonella cf. verruculosa</i> (T)		Present	
	8/23/2010	8:30	Surfc	<i>Fibrocapsa japonica</i> (T)		Present	
	8/23/2010	8:30	Surfc	<i>Heterocapsa rotundata</i> (B)		Present	
	8/23/2010	8:30	Surfc	<i>Heterosigma akashiwo</i> (T)		Present	
	8/23/2010	8:30	Surfc	<i>Karlodinium veneficum</i> (T)		Present	
	8/23/2010	8:30	Surfc	<i>Kryptoperidinium foliaceum</i> (B)		Present	
	8/30/2010	8:35	Surfc	<i>Heterocapsa rotundata</i> (B)		Common	0.200
	8/30/2010	8:35	Surfc	<i>Heterosigma akashiwo</i> (T)		Present	
	8/30/2010	8:35	Surfc	<i>Karlodinium veneficum</i> (T)		Present	
	8/30/2010	8:35	Surfc	<i>Kryptoperidinium foliaceum</i> (B)		Present	
	9/7/2010	8:38	Surfc	<i>Chattonella cf. verruculosa</i> (T)		Common	0.290
	9/7/2010	8:38	Surfc	<i>Gyrodinium instriatum</i> (B)		Present	
	9/7/2010	8:38	Surfc	<i>Heterocapsa rotundata</i> (B)		Present	
<u>Guinea Creek</u>							
RB05: Mouth of Guinea Creek (Pot Nets Creekside)							
	8/30/2010	11:52	Surfc	<i>Heterocapsa rotundata</i> (B)		Present	
	8/30/2010	11:52	Surfc	<i>Heterosigma akashiwo</i> (T)		Present	
	8/30/2010	11:52	Surfc	<i>Karlodinium veneficum</i> (T)		Present	
RB06: Guinea Creek (Winding Creek Village)							
	8/30/2010	12:15	Surfc	<i>Chattonella cf. verruculosa</i> (T)		Present	
	8/30/2010	12:15	Surfc	<i>Gyrodinium instriatum</i> (B)		Present	
	8/30/2010	12:15	Surfc	<i>Heterocapsa rotundata</i> (B)		Present	
	8/30/2010	12:15	Surfc	<i>Heterosigma akashiwo</i> (T)		Present	
	8/30/2010	12:15	Surfc	<i>Karlodinium veneficum</i> (T)		Common	0.100
	8/30/2010	12:15	Surfc	<i>Kryptoperidinium foliaceum</i> (B)		Present	
<u>Herring Creek</u>							
RB04: Herring Creek, Mid-Section							
	8/18/2010	7:08	Surfc	<i>Heterosigma akashiwo</i> (T)		Present	
	8/18/2010	7:08	Surfc	<i>Karlodinium veneficum</i> (T)		Present	
	8/18/2010	7:08	Surfc	<i>Kryptoperidinium foliaceum</i> (B)		Present	

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Rehoboth Bay							
<u>Love Creek</u>							
RB34: Love Creek at Rt 24 Bridge							
	8/30/2010	8:55	Surfc	<i>Chattonella cf. verruculosa (T)</i>		Common	0.210
	8/30/2010	8:55	Surfc	<i>Gyrodinium instriatum (B)</i>		Present	
	8/30/2010	8:55	Surfc	<i>Heterocapsa rotundata (B)</i>		Present	
	8/30/2010	8:55	Surfc	<i>Heterosigma akashiwo (T)</i>		Present	
	8/30/2010	8:55	Surfc	<i>Karlodinium veneficum (T)</i>		Present	
	8/30/2010	8:55	Surfc	<i>Kryptoperidinium foliaceum (B)</i>		Present	
Wagamon's Pond							
BR44: Wagamon's Pond, Milton							
	9/2/2010	10:45	Surfc	<i>Aphanizomenon spp. (T)</i>		Present	
	9/2/2010	10:45	Surfc	<i>Lyngbya (T)</i>		Present	

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