

Harmful Algae Report

All data between 7/15/2011 and 7/29/2011

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							
	7/26/2011	8:40	Surfc	<i>Akashiwo sanguinea</i> (T)		Present	
	7/26/2011	8:40	Surfc	<i>Heterosigma akashiwo</i> (T)		Present	
	7/26/2011	8:40	Surfc	<i>Karlodinium veneficum</i> (T)		Common	0.290
	7/26/2011	8:40	Surfc	<i>Protoperdinium quinquecorne</i> (B)		Present	
Atlantic Ocean							
RWPM14: Tower Rd Ocean, Delaware Seashore State Park							
	7/20/2011	8:10	Surfc	<i>"Gymnodinioid" sp.</i> (S)	25-40 um Grn	Very Rare	
	7/20/2011	8:10	Surfc	<i>Chaetoceros spp.</i> (T)		Rare	0.005
	7/20/2011	8:10	Surfc	<i>Heterocapsa rotundata</i> (B)		Rare	0.001
	7/20/2011	8:10	Surfc	<i>Heterocapsa triquetra</i> (B)		Very Rare	
	7/20/2011	8:10	Surfc	<i>Karenia papilionacea</i> (T)		Very Rare	
	7/20/2011	8:10	Surfc	<i>Prorocentrum micans</i> (B)		Very Rare	
	7/20/2011	8:10	Surfc	<i>Prorocentrum minimum</i> (T)		Rare	0.002
	7/20/2011	8:10	Surfc	<i>Prorocentrum scutellum</i> (B)		Very Rare	
	7/20/2011	8:10	Surfc	<i>Prorocentrum triestinum</i> (B)		Present	0.013
	7/20/2011	8:10	Surfc	<i>Pseudo-nitzschia spp.</i> (T)		Rare	0.006
	7/20/2011	8:10	Surfc	<i>Rhizosolenia spp.</i> (T)		Rare	0.001
	7/20/2011	8:10	Surfc	<i>Scrippsiella sp.</i> (B)		Rare	0.009
RWPM8: Cape Henlopen State Park Beach (2)							
	7/28/2011	9:00	Surfc	<i>Chaetoceros spp.</i> (T)		Rare	0.001
	7/28/2011	9:00	Surfc	<i>Prorocentrum micans</i> (B)		Very Rare	
	7/28/2011	9:00	Surfc	<i>Prorocentrum scutellum</i> (B)		Very Rare	
	7/28/2011	9:00	Surfc	<i>Prorocentrum triestinum</i> (B)		Rare	0.001
	7/28/2011	9:00	Surfc	<i>Pseudo-nitzschia spp.</i> (T)		Rare	0.004
	7/28/2011	9:00	Surfc	<i>Rhizosolenia spp.</i> (T)		Present	0.018
RWPMVIII: Town of Fenwick							
	7/20/2011	8:10	Surfc	<i>Ceratium pentagonum</i> (B)		Very Rare	
	7/20/2011	8:10	Surfc	<i>Chaetoceros spp.</i> (T)		Present	0.024
	7/20/2011	8:10	Surfc	<i>Dinophysis norvegica</i> (T)		Very Rare	
	7/20/2011	8:10	Surfc	<i>Ditylum spp.</i> (T)		Very Rare	
	7/20/2011	8:10	Surfc	<i>Gonyaulax scrippsae</i> (B)		Very Rare	
	7/20/2011	8:10	Surfc	<i>Heterocapsa rotundata</i> (B)		Rare	0.001
	7/20/2011	8:10	Surfc	<i>Heterocapsa sp.</i> (B)		Rare	0.005
	7/20/2011	8:10	Surfc	<i>Heterocapsa triquetra</i> (B)		Rare	0.001
	7/20/2011	8:10	Surfc	<i>Prorocentrum micans</i> (B)		Very Rare	
	7/20/2011	8:10	Surfc	<i>Prorocentrum minimum</i> (T)		Rare	0.002

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.

University of Delaware Citizen Monitoring Program

Water Body Tributary Site	Date	Time	Smpl Dpth	Name	Comment if ID uncertain	Abundance	MC/L
Atlantic Ocean							
RWPMVIII: Town of Fenwick							
	7/20/2011	8:10	Surfc	<i>Prorocentrum scutellum</i> (B)		Rare	0.001
	7/20/2011	8:10	Surfc	<i>Prorocentrum</i> sp. (T)		Very Rare	
	7/20/2011	8:10	Surfc	<i>Prorocentrum triestinum</i> (B)		Present	0.037
	7/20/2011	8:10	Surfc	<i>Pseudo-nitzschia</i> spp. (T)		Present	0.019
	7/20/2011	8:10	Surfc	<i>Rhizosolenia</i> spp. (T)		Rare	0.002
	7/20/2011	8:10	Surfc	<i>Scrippsiella</i> sp. (B)		Present	0.019
Broadkill River							
BR01: Broadkill river @ PEL dock.							
	7/20/2011	9:20	Net	<i>Chaetoceros</i> spp. (T)			
	7/20/2011	9:20	Net	<i>Ditylum</i> spp. (T)			
	7/20/2011	9:20	Net	<i>Fibrocapsa japonica</i> (T)			
	7/20/2011	9:20	Net	<i>Gyrodinium instriatum</i> (B)			
	7/20/2011	9:20	Net	<i>Heterocapsa rotundata</i> (B)			
	7/20/2011	9:20	Net	<i>Heterocapsa</i> sp. (B)			
	7/20/2011	9:20	Net	<i>Heterosigma akashiwo</i> (T)			
	7/20/2011	9:20	Net	<i>Prorocentrum minimum</i> (T)			
	7/20/2011	9:20	Net	<i>Pseudo-nitzschia</i> spp. (T)			
	7/20/2011	9:20	Net	<i>Rhizosolenia</i> spp. (T)			
	7/20/2011	9:20	Net	<i>Scrippsiella</i> sp. (B)			
	7/20/2011	9:20	Surfc	<i>Heterocapsa rotundata</i> (B)		Present	
	7/20/2011	9:20	Surfc	<i>Heterocapsa</i> sp. (B)		Present	
	7/20/2011	9:20	Surfc	<i>Karlodinium veneficum</i> (T)		Present	
	7/27/2011	9:00	Net	<i>Chaetoceros</i> spp. (T)			
	7/27/2011	9:00	Net	<i>Heterocapsa rotundata</i> (B)			
	7/27/2011	9:00	Net	<i>Heterosigma akashiwo</i> (T)			
	7/27/2011	9:00	Net	<i>Prorocentrum scutellum</i> (B)			
	7/27/2011	9:00	Net	<i>Rhizosolenia</i> spp. (T)			
	7/27/2011	9:00	Surfc	<i>Chaetoceros</i> spp. (T)		Common	0.100
	7/27/2011	9:00	Surfc	<i>Heterocapsa rotundata</i> (B)		Present	
	7/27/2011	9:00	Surfc	<i>Rhizosolenia</i> spp. (T)		Present	
BR20: Broadkill River at Milton tidal pond							
	7/27/2011	7:45	Surfc	<i>Anabaena</i> spp. (T)		Common	0.380
	7/27/2011	7:45	Surfc	<i>Chattonella cf. verruculosa</i> (T)		Present	
Old Mill Creek							
BR21: Old Mill Creek downstream from Red Mill Pond							
	7/27/2011	12:40	Surfc	(Unknown) (B*)	tiny filament	Abundant	27.400
	7/27/2011	12:40	Surfc	<i>Anabaena</i> spp. (T)		Common	0.500
	7/27/2011	12:40	Surfc	<i>Chattonella cf. verruculosa</i> (T)		Common	0.200
	7/27/2011	12:40	Surfc	<i>Heterosigma akashiwo</i> (T)		Abundant	93.300
	7/27/2011	12:40	Surfc	<i>Kryptoperidinium foliaceum</i> (B)		Present	
	7/27/2011	12:40	Surfc	<i>Navicula (small)</i> (B*)		Abundant	66.000

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Broadkill River							
<u>Prime Hook Creek</u>							
BR03: Prime Hook Creek at Boat Ramp at Refuge Headquarters							
	7/27/2011	12:15	Surfc	<i>Amphidinium spp. (T)</i>		Present	
	7/27/2011	12:15	Surfc	<i>Anabaena spp. (T)</i>		Very Abundant	384.000
	7/27/2011	12:15	Surfc	<i>Chaetoceros spp. (B)</i>		Abundant	55.000
	7/27/2011	12:15	Surfc	<i>Chattonella cf. verruculosa (T)</i>		Present	
	7/27/2011	12:15	Surfc	<i>Karlodinium veneficum (T)</i>		Present	
	7/27/2011	12:15	Surfc	<i>Kryptoperidinium foliaceum (B)</i>		Many	1.300
	7/27/2011	12:15	Surfc	<i>Protoperidinium quinquecorne (B)</i>		Present	
<u>Wagamon's Pond</u>							
BR44: Wagamon's Pond, Milton							
	7/27/2011	6:00	Surfc	<i>Anabaena spp. (T)</i>		Present	
	7/27/2011	6:00	Surfc	<i>Lyngbya (T)</i>		Present	
Delaware Bay							
DB01: End of Cape Shores pier							
	7/26/2011	9:31	Surfc	<i>Chaetoceros spp. (T)</i>		Common	0.190
	7/26/2011	9:31	Surfc	<i>Heterocapsa rotundata (B)</i>		Present	
	7/26/2011	9:31	Surfc	<i>Heterocapsa sp. (B)</i>		Present	
	7/26/2011	9:31	Surfc	<i>Heterosigma akashiwo (T)</i>		Present	
	7/26/2011	9:31	Surfc	<i>Karlodinium veneficum (T)</i>		Present	
<u>Canary Creek</u>							
BR19: Canary Creek at New Road							
	7/27/2011	15:10	Surfc	<i>Chaetoceros spp. (T)</i>		Present	
	7/27/2011	15:10	Surfc	<i>Chattonella cf. verruculosa (T)</i>		Present	
	7/27/2011	15:10	Surfc	<i>Cylindrotheca closterium (B*)</i>		Abundant	39.600
	7/27/2011	15:10	Surfc	<i>Heterosigma akashiwo (T)</i>		Common	0.140
	7/27/2011	15:10	Surfc	<i>Navicula (small) (B*)</i>		Very Abundant	232.000
BR40: Canary Creek at Pilottown Rd							
	7/27/2011	9:30	Surfc	<i>Chaetoceros spp. (T)</i>		Present	
	7/27/2011	9:30	Surfc	<i>Heterocapsa sp. (B)</i>		Present	
	7/27/2011	9:30	Surfc	<i>Karlodinium veneficum (T)</i>		Present	
Indian River							
<u>Assawoman Canal</u>							
IR50: Assawoman Canal at N end, marina dock							
	7/26/2011	8:12	Surfc	<i>Chaetoceros spp. (T)</i>		Present	
	7/26/2011	8:12	Surfc	<i>Heterocapsa rotundata (B)</i>		Present	
	7/26/2011	8:12	Surfc	<i>Heterocapsa sp. (B)</i>		Common	0.100
	7/26/2011	8:12	Surfc	<i>Karlodinium veneficum (T)</i>		Common	0.230
	7/26/2011	8:12	Surfc	<i>Prorocentrum triestinum (B)</i>		Present	
	7/26/2011	8:12	Surfc	<i>Scrippsiella sp. (B)</i>		Present	
<u>Bethany Loop Canal</u>							
IR62: Loop Canal, Pa Ave terminus, Bethany Beach							

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Water Body Tributary Site	Date	Time	Smpl Dpth	Name	Comment if ID uncertain	Abundance	MC/L
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Indian River

Bethany Loop Canal

IR62: Loop Canal, Pa Ave terminus, Bethany Beach

7/26/2011	7:58	Surfc		<i>Chattonella cf. verruculosa (T)</i>		Present	
7/26/2011	7:58	Surfc		<i>Chattonella subsalsa (T)</i>		Abundant	14.100
7/26/2011	7:58	Surfc		<i>Fibrocapsa japonica (T)</i>		Present	
7/26/2011	7:58	Surfc		<i>Gyrodinium instriatum (B)</i>		Present	
7/26/2011	7:58	Surfc		<i>Heterosigma akashiwo (T)</i>		Present	
7/26/2011	7:58	Surfc		<i>Karlodinium veneficum (T)</i>		Present	
7/26/2011	7:58	Surfc		<i>Kryptoperidinium foliaceum (B)</i>		Many	2.700
7/26/2011	7:58	Surfc		<i>Protopteridinium quinquecorne (B)</i>		Common	0.240

Indian River

IR04: Warwick Cove

7/25/2011	10:26	Surfc		<i>Akashiwo sanguinea (T)</i>		Common	0.200
7/25/2011	10:26	Surfc		<i>Heterocapsa rotundata (B)</i>		Common	0.210
7/25/2011	10:26	Surfc		<i>Heterocapsa sp. (B)</i>		Common	0.160
7/25/2011	10:26	Surfc		<i>Karlodinium veneficum (T)</i>		Present	
7/25/2011	10:26	Surfc		<i>Prorocentrum minimum (T)</i>		Common	0.130
7/25/2011	10:26	Surfc		<i>Protopteridinium quinquecorne (B)</i>		Present	
7/25/2011	10:26	Surfc		<i>Scrippsiella sp. (B)</i>		Present	

IR07: Holt's Landing State Park

7/26/2011	7:50	Surfc		<i>Heterocapsa sp. (B)</i>		Present	
7/26/2011	7:50	Surfc		<i>Karlodinium veneficum (T)</i>		Present	
7/26/2011	7:50	Surfc		<i>Prorocentrum triestinum (B)</i>		Present	
7/26/2011	7:50	Surfc		<i>Protopteridinium quinquecorne (B)</i>		Present	

IR11: Pot Nets Seaside Pier

7/25/2011	11:13	Surfc		<i>Akashiwo sanguinea (T)</i>		Present	
7/25/2011	11:13	Surfc		<i>Chaetoceros spp. (T)</i>		Present	
7/25/2011	11:13	Surfc		<i>Heterocapsa rotundata (B)</i>		Present	
7/25/2011	11:13	Surfc		<i>Heterosigma akashiwo (T)</i>		Present	
7/25/2011	11:13	Surfc		<i>Karlodinium veneficum (T)</i>		Present	
7/25/2011	11:13	Surfc		<i>Scrippsiella sp. (B)</i>		Present	

IR20: Bay Colony

7/26/2011	8:00	Surfc		<i>Heterosigma akashiwo (T)</i>		Present	
7/26/2011	8:00	Surfc		<i>Karlodinium veneficum (T)</i>		Present	
7/26/2011	8:00	Surfc		<i>Prorocentrum minimum (T)</i>		Present	
7/26/2011	8:00	Surfc		<i>Protopteridinium quinquecorne (B)</i>		Common	0.460

IR36B: James Farm, Pasture Point By Boat

7/27/2011	10:05	Surfc		<i>Anabaena spp. (T)</i>		Common	0.380
7/27/2011	10:05	Surfc		<i>Heterocapsa rotundata (B)</i>		Common	0.120
7/27/2011	10:05	Surfc		<i>Heterocapsa sp. (B)</i>		Present	
7/27/2011	10:05	Surfc		<i>Karlodinium veneficum (T)</i>		Present	
7/27/2011	10:05	Surfc		<i>Prorocentrum triestinum (B)</i>		Present	

IR39: North side of Inlet at Wheelchair fishing platform under new bridge.

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Water Body Tributary Site	Date	Time	Smpl Dpth	Name	Comment if ID uncertain	Abundance	MC/L
Indian River							
<u>Indian River</u>							
IR39: North side of Inlet at Wheelchair fishing platform under new bridge.							
	7/28/2011	7:55	Surfc	<i>Amphidinium spp. (T)</i>		Very Rare	
	7/28/2011	7:55	Surfc	<i>Anabaena spp. (T)</i>		Present	0.030
	7/28/2011	7:55	Surfc	<i>Ceratium pentagonum (B)</i>		Very Rare	
	7/28/2011	7:55	Surfc	<i>Chaetoceros spp. (T)</i>		Present	0.035
	7/28/2011	7:55	Surfc	<i>Dinophysis norvegica (T)</i>		Very Rare	
	7/28/2011	7:55	Surfc	<i>Gonyaulax scrippsae (B)</i>		Very Rare	
	7/28/2011	7:55	Surfc	<i>Karenia papilionacea (T)</i>		Very Rare	
	7/28/2011	7:55	Surfc	<i>Prorocentrum micans (B)</i>		Very Rare	
	7/28/2011	7:55	Surfc	<i>Prorocentrum minimum (T)</i>		Very Rare	
	7/28/2011	7:55	Surfc	<i>Prorocentrum scutellum (B)</i>		Rare	0.003
	7/28/2011	7:55	Surfc	<i>Prorocentrum triestinum (B)</i>		Present	0.046
	7/28/2011	7:55	Surfc	<i>Pseudo-nitzschia spp. (T)</i>		Rare	0.007
	7/28/2011	7:55	Surfc	<i>Rhizosolenia spp. (T)</i>		Present	0.026
	7/28/2011	7:55	Surfc	<i>Scrippsiella sp. (B)</i>		Rare	0.002
<u>Vines Creek</u>							
IR38: Vines Lane							
	7/26/2011	7:30	Surfc	<i>Gyrodinium instriatum (B)</i>		Present	
	7/26/2011	7:30	Surfc	<i>Prorocentrum minimum (T)</i>		Present	
<u>White Creek</u>							
IR32: Holly Terrace Acres Canal Dead End, White Creek							
	7/18/2011	8:33	Surfc	<i>Chattonella cf. verruculosa (T)</i>		Present	
	7/18/2011	8:33	Surfc	<i>Chattonella subsalsa (T)</i>		Present	
	7/18/2011	8:33	Surfc	<i>Heterosigma akashiwo (T)</i>		Present	
	7/18/2011	8:33	Surfc	<i>Karlodinium veneficum (T)</i>		Present	
	7/18/2011	8:33	Surfc	<i>Kryptoperidinium foliaceum (B)</i>		Present	
	7/18/2011	8:33	Surfc	<i>Prorocentrum triestinum (B)</i>		Present	
	7/18/2011	8:33	Surfc	<i>Proto-peridinium quinquecorne (B)</i>		Common	0.360
	7/18/2011	8:33	Surfc	<i>Scrippsiella sp. (B)</i>		Present	
	7/25/2011	9:24	Surfc	<i>"Gymnodinioid" sp. (S)</i>	25-40 um Grn	Present	
	7/25/2011	9:24	Surfc	<i>Heterocapsa rotundata (B)</i>		Present	
	7/25/2011	9:24	Surfc	<i>Karlodinium veneficum (T)</i>		Common	0.240
	7/25/2011	9:24	Surfc	<i>Prorocentrum minimum (T)</i>		Present	
	7/25/2011	9:24	Surfc	<i>Prorocentrum triestinum (B)</i>		Present	
	7/25/2011	9:24	Surfc	<i>Proto-peridinium quinquecorne (B)</i>		Many	3.570
	7/25/2011	9:24	Surfc	<i>Scrippsiella sp. (B)</i>		Present	
Little Assawoman Bay							
LA45: Fenwick Island Bayside							
	7/26/2011	8:15	Surfc	<i>Karlodinium veneficum (T)</i>		Present	
<u>Assawoman Canal</u>							
LA10: Assawoman Canal @ Kent Ave Bridge							

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Little Assawoman Bay							
<u>Assawoman Canal</u>							
LA10: Assawoman Canal @ Kent Ave Bridge							
	7/26/2011	7:35	Surfc	<i>Akashiwo sanguinea</i> (T)		Present	
	7/26/2011	7:35	Surfc	<i>Chaetoceros spp.</i> (T)		Common	0.150
	7/26/2011	7:35	Surfc	<i>Karlodinium veneficum</i> (T)		Common	0.100
	7/26/2011	7:35	Surfc	<i>Kryptoperidinium foliaceum</i> (B)		Present	
<u>Dirickson Creek</u>							
LA03: Mulberry Landing							
	7/25/2011	8:20	Surfc	<i>Akashiwo sanguinea</i> (T)		Present	
	7/25/2011	8:20	Surfc	<i>Heterocapsa rotundata</i> (B)		Present	
	7/25/2011	8:20	Surfc	<i>Heterocapsa sp.</i> (B)		Present	
	7/25/2011	8:20	Surfc	<i>Karlodinium veneficum</i> (T)		Present	
	7/25/2011	8:20	Surfc	<i>Prorocentrum minimum</i> (T)		Common	0.190
	7/25/2011	8:20	Surfc	<i>Scripsiella sp.</i> (B)		Present	
LA09: Dirickson Creek at Road 381 bridge.							
	7/25/2011	8:50	Surfc	<i>Chattonella cf. verruculosa</i> (T)		Many	3.300
	7/25/2011	8:50	Surfc	<i>Chattonella subsalsa</i> (T)		Many	3.520
	7/25/2011	8:50	Surfc	<i>Gyrodinium instriatum</i> (B)		Common	0.100
	7/25/2011	8:50	Surfc	<i>Heterocapsa rotundata</i> (B)		Many	2.860
	7/25/2011	8:50	Surfc	<i>Karlodinium veneficum</i> (T)		Common	0.130
	7/25/2011	8:50	Surfc	<i>Kryptoperidinium foliaceum</i> (B)		Many	1.980
	7/25/2011	8:50	Surfc	<i>Protopteridinium quinquecorne</i> (B)		Common	0.180
<u>Jefferson Creek</u>							
SB10E: Russell Canal east dead end							
	7/19/2011	7:50	Surfc	<i>Chattonella cf. verruculosa</i> (T)		Present	
	7/19/2011	7:50	Surfc	<i>Chattonella subsalsa</i> (T)		Common	0.100
	7/19/2011	7:50	Surfc	<i>Fibrocapsa japonica</i> (T)		Present	
	7/19/2011	7:50	Surfc	<i>Gyrodinium instriatum</i> (B)		Present	
	7/19/2011	7:50	Surfc	<i>Heterocapsa rotundata</i> (B)		Present	
	7/19/2011	7:50	Surfc	<i>Heterosigma akashiwo</i> (T)		Present	
	7/19/2011	7:50	Surfc	<i>Protopteridinium quinquecorne</i> (B)		Present	
	7/26/2011	7:49	Surfc	<i>Chattonella cf. verruculosa</i> (T)		Present	
	7/26/2011	7:49	Surfc	<i>Chattonella subsalsa</i> (T)		Present	
	7/26/2011	7:49	Surfc	<i>Fibrocapsa japonica</i> (T)		Common	0.150
	7/26/2011	7:49	Surfc	<i>Karlodinium veneficum</i> (T)		Common	0.260
	7/26/2011	7:49	Surfc	<i>Kryptoperidinium foliaceum</i> (B)		Present	
	7/26/2011	7:49	Surfc	<i>Protopteridinium quinquecorne</i> (B)		Present	
SB10W: Russell Canal west dead end							
	7/19/2011	8:08	Surfc	<i>Chattonella cf. verruculosa</i> (T)		Common	0.130
	7/19/2011	8:08	Surfc	<i>Chattonella subsalsa</i> (T)		Common	0.350
	7/19/2011	8:08	Surfc	<i>Fibrocapsa japonica</i> (T)		Present	
	7/19/2011	8:08	Surfc	<i>Gyrodinium instriatum</i> (B)		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.

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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>							
SB10W: Russell Canal west dead end							
	7/19/2011	8:08	Surfc	<i>Karlodinium veneficum</i> (T)		Present	
	7/19/2011	8:08	Surfc	<i>Protoperidinium quinquecorne</i> (B)		Present	
	7/26/2011	8:04	Surfc	<i>Fibrocapsa japonica</i> (T)		Common	0.260
	7/26/2011	8:04	Surfc	<i>Karlodinium veneficum</i> (T)		Common	0.190
	7/26/2011	8:04	Surfc	<i>Protoperidinium quinquecorne</i> (B)		Present	
Rehoboth Bay							
ML: Massey's Landing							
	7/25/2011	11:30	Surfc	<i>Heterocapsa rotundata</i> (B)		Present	
	7/25/2011	11:30	Surfc	<i>Karlodinium veneficum</i> (T)		Present	
	7/25/2011	11:30	Surfc	<i>Prorocentrum triestinum</i> (B)		Present	
RB07: West Bay Park							
	7/26/2011	8:30	Surfc	<i>Heterocapsa</i> sp. (B)		Present	
	7/26/2011	8:30	Surfc	<i>Prorocentrum minimum</i> (T)		Present	
	7/26/2011	8:30	Surfc	<i>Protoperidinium quinquecorne</i> (B)		Present	
<u>Bald Eagle Creek</u>							
RB64: Torquay Canal, west side of Land's End near UD Site #1							
	7/18/2011	7:55	Surfc	<i>Chattonella cf. verruculosa</i> (T)		Present	
	7/18/2011	7:55	Surfc	<i>Chattonella subsalsa</i> (T)		Present	
	7/18/2011	7:55	Surfc	<i>Cochlodinium</i> sp. (T)		Present	
	7/18/2011	7:55	Surfc	<i>Karlodinium veneficum</i> (T)		Common	0.360
	7/18/2011	7:55	Surfc	<i>Scrippsiella</i> sp. (B)		Present	
	7/26/2011	10:17	Surfc	<i>Chattonella cf. verruculosa</i> (T)		Present	
	7/26/2011	10:17	Surfc	<i>Chattonella subsalsa</i> (T)		Common	0.280
	7/26/2011	10:17	Surfc	<i>Fibrocapsa japonica</i> (T)		Present	
	7/26/2011	10:17	Surfc	<i>Heterosigma akashiwo</i> (T)		Present	
	7/26/2011	10:17	Surfc	<i>Karlodinium veneficum</i> (T)		Common	0.300
	7/26/2011	10:17	Surfc	<i>Kryptoperidinium foliaceum</i> (B)		Common	0.170
<u>Guinea Creek</u>							
RB05: Mouth of Guinea Creek (Pot Nets Creekside)							
	7/25/2011	11:50	Surfc	<i>Chattonella cf. verruculosa</i> (T)		Common	0.550
	7/25/2011	11:50	Surfc	<i>Chattonella subsalsa</i> (T)		Present	
	7/25/2011	11:50	Surfc	<i>Karlodinium veneficum</i> (T)		Common	0.440
	7/25/2011	11:50	Surfc	<i>Kryptoperidinium foliaceum</i> (B)		Present	
	7/25/2011	11:50	Surfc	<i>Prorocentrum minimum</i> (T)		Present	
RB06: Guinea Creek (Winding Creek Village)							
	7/25/2011	8:00	Surfc	<i>Chattonella cf. verruculosa</i> (T)		Present	
	7/25/2011	8:00	Surfc	<i>Heterocapsa rotundata</i> (B)		Present	
	7/25/2011	8:00	Surfc	<i>Heterosigma akashiwo</i> (T)		Present	
	7/25/2011	8:00	Surfc	<i>Karlodinium veneficum</i> (T)		Common	0.260
	7/25/2011	8:00	Surfc	<i>Prorocentrum minimum</i> (T)		Present	

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Water Body Tributary Site	Date	Time	Smpl Name Dpth	Comment if ID uncertain	Abundance	MC/L
Rehoboth Bay						
<u>Guinea Creek</u>						
RB06: Guinea Creek (Winding Creek Village)						
	7/25/2011	8:00	Surfc	<i>Protoperidinium quinquecorne (B)</i>	Present	
<u>Herring Creek</u>						
RB04: Herring Creek, Mid-Section						
	7/20/2011	8:50	Surfc	<i>Akashiwo sanguinea (T)</i>	Present	
	7/20/2011	8:50	Surfc	<i>Chattonella cf. verruculosa (T)</i>	Present	
	7/20/2011	8:50	Surfc	<i>Gyrodinium instriatum (B)</i>	Present	
	7/20/2011	8:50	Surfc	<i>Heterocapsa rotundata (B)</i>	Present	
	7/20/2011	8:50	Surfc	<i>Karlodinium veneficum (T)</i>	Present	
	7/20/2011	8:50	Surfc	<i>Protoperidinium quinquecorne (B)</i>	Present	
<u>Love Creek</u>						
RB34: Love Creek at Rt 24 Bridge						
	7/26/2011	9:50	Surfc	<i>Chattonella cf. verruculosa (T)</i>	Common	0.380
	7/26/2011	9:50	Surfc	<i>Gyrodinium instriatum (B)</i>	Common	0.190
	7/26/2011	9:50	Surfc	<i>Heterocapsa rotundata (B)</i>	Present	
	7/26/2011	9:50	Surfc	<i>Heterosigma akashiwo (T)</i>	Present	
	7/26/2011	9:50	Surfc	<i>Karlodinium veneficum (T)</i>	Present	
	7/26/2011	9:50	Surfc	<i>Protoperidinium quinquecorne (B)</i>	Present	
	7/26/2011	9:50	Surfc	<i>Scrippsiella sp. (B)</i>	Present	

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