

Harmful Algae Report

All data between 9/8/2010 and 9/29/2010

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							
	9/14/2010	8:50	Surfc	<i>Heterocapsa rotundata</i> (B)		Present	
	9/14/2010	8:50	Surfc	<i>Karodinium veneficum</i> (T)		Present	
Atlantic Ocean							
RWPM14: Tower Rd Ocean, Delaware Seashore State Park							
	9/14/2010	9:20	Surfc	<i>Chaetoceros</i> spp. (T)		Present	0.085
	9/14/2010	9:20	Surfc	<i>Ditylum</i> spp. (T)		Very Rare	
	9/14/2010	9:20	Surfc	<i>Karenia papilionacea</i> (T)		Rare	0.005
	9/14/2010	9:20	Surfc	<i>Prorocentrum scutellum</i> (B)		Very Rare	
	9/14/2010	9:20	Surfc	<i>Prorocentrum triestinum</i> (B)		Very Rare	
	9/14/2010	9:20	Surfc	<i>Pseudo-nitzschia</i> spp. (T)		Rare	0.002
	9/14/2010	9:20	Surfc	<i>Rhizosolenia</i> spp. (T)		Very Rare	
	9/27/2010	9:06	Surfc	<i>Chaetoceros</i> spp. (T)		Rare	0.006
	9/27/2010	9:06	Surfc	<i>Karenia brevis</i> (T)		Very Rare	
	9/27/2010	9:06	Surfc	<i>Karenia papilionacea</i> (T)		Present	0.024
	9/27/2010	9:06	Surfc	<i>Rhizosolenia</i> spp. (T)		Very Rare	
RWPM82: Fishing Pier - 100m, offshore, CHSP							
	9/22/2010	8:30	Surfc	<i>Ceratium fusus</i> (B)		Very Rare	
	9/22/2010	8:30	Surfc	<i>Chaetoceros</i> spp. (T)		Present	0.027
	9/22/2010	8:30	Surfc	<i>Ditylum</i> spp. (T)		Very Rare	
	9/22/2010	8:30	Surfc	<i>Karenia papilionacea</i> (T)		Very Rare	
	9/22/2010	8:30	Surfc	<i>Prorocentrum scutellum</i> (B)		Very Rare	
	9/22/2010	8:30	Surfc	<i>Prorocentrum triestinum</i> (B)		Rare	0.001
	9/22/2010	8:30	Surfc	<i>Rhizosolenia</i> spp. (T)		Very Rare	
RWPMIV: Fenwick Island State Park							
	9/14/2010	9:13	Surfc	<i>Chaetoceros</i> spp. (T)		Present	0.048
	9/14/2010	9:13	Surfc	<i>Karenia brevis</i> (T)		Very Rare	
	9/14/2010	9:13	Surfc	<i>Prorocentrum scutellum</i> (B)		Very Rare	
	9/27/2010	8:28	Surfc	<i>Chaetoceros</i> spp. (T)		Rare	0.002
	9/27/2010	8:28	Surfc	<i>Karenia papilionacea</i> (T)		Present	0.018
	9/27/2010	8:28	Surfc	<i>Prorocentrum scutellum</i> (B)		Very Rare	
	9/27/2010	8:28	Surfc	<i>Rhizosolenia</i> spp. (T)		Very Rare	
Broadkill River							
BR01: Broadkill river @ PEL dock.							
	9/8/2010	9:00	Net	<i>Chaetoceros</i> spp. (T)			
	9/8/2010	9:00	Net	<i>Ditylum</i> spp. (T)			
	9/8/2010	9:00	Net	<i>Heterocapsa rotundata</i> (B)			
	9/8/2010	9:00	Net	<i>Karodinium veneficum</i> (T)			

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

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Broadkill River

BR01: Broadkill river @ PEL dock.

9/8/2010	9:00	Net		<i>Rhizosolenia spp. (T)</i>			
9/8/2010	9:00	Surfc		<i>Heterocapsa rotundata (B)</i>		Present	
9/8/2010	9:00	Surfc		<i>Karlodinium veneficum (T)</i>		Present	
9/15/2010	9:00	Net		<i>Chaetoceros spp. (T)</i>			
9/15/2010	9:00	Net		<i>Heterocapsa rotundata (B)</i>			
9/15/2010	9:00	Net		<i>Rhizosolenia spp. (T)</i>			
9/15/2010	9:00	Surfc		<i>Chaetoceros spp. (T)</i>		Present	
9/15/2010	9:00	Surfc		<i>Heterocapsa rotundata (B)</i>		Present	
9/22/2010	9:00	Net		<i>Chaetoceros spp. (T)</i>			
9/22/2010	9:00	Net		<i>Ditylum spp. (T)</i>			
9/22/2010	9:00	Net		<i>Heterocapsa rotundata (B)</i>			
9/22/2010	9:00	Net		<i>Karlodinium veneficum (T)</i>			
9/22/2010	9:00	Net		<i>Prorocentrum scutellum (B)</i>			
9/22/2010	9:00	Net		<i>Rhizosolenia spp. (T)</i>			
9/22/2010	9:00	Surfc		<i>Chaetoceros spp. (T)</i>		Present	
9/22/2010	9:00	Surfc		<i>Ditylum spp. (T)</i>		Very Rare	
9/22/2010	9:00	Surfc		<i>Heterocapsa rotundata (B)</i>		Present	
9/22/2010	9:00	Surfc		<i>Karenia papilionacea (T)</i>		Rare	0.002
9/22/2010	9:00	Surfc		<i>Karlodinium veneficum (T)</i>		Present	
9/22/2010	9:00	Surfc		<i>Prorocentrum scutellum (B)</i>		Very Rare	
9/22/2010	9:00	Surfc		<i>Rhizosolenia spp. (T)</i>		Very Rare	
9/22/2010	9:00	Surfc		<i>Scrippsiella sp. (B)</i>		Very Rare	
9/29/2010	9:00	Net		<i>Chaetoceros spp. (T)</i>			
9/29/2010	9:00	Net		<i>Heterocapsa rotundata (B)</i>			
9/29/2010	9:00	Net		<i>Prorocentrum scutellum (B)</i>			
9/29/2010	9:00	Net		<i>Rhizosolenia spp. (T)</i>			
9/29/2010	9:00	Net		<i>Scrippsiella sp. (B)</i>			
9/29/2010	9:00	Surfc		<i>Heterocapsa rotundata (B)</i>		Present	
9/29/2010	9:00	Surfc		<i>Karlodinium veneficum (T)</i>		Present	

BR20: Broadkill River at Milton tidal pond

9/15/2010	9:30	Surfc		<i>Aphanizomenon spp. (T)</i>		Common	0.750
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Diamond Pond

BR48: Diamond Pond

9/15/2010	11:10	Surfc		<i>Anabaena spp. (T)</i>		Common	0.180
9/15/2010	11:10	Surfc		<i>Aphanizomenon spp. (T)</i>		Many	1.100
9/15/2010	11:10	Surfc		<i>Oscillatoria spp. (B)</i>		Common	0.250

Old Mill Creek

BR21: Old Mill Creek downstream from Red Mill Pond

9/22/2010	12:30	Surfc		<i>Heterocapsa rotundata (B)</i>		Present	
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Prime Hook Creek

BR03: Prime Hook Creek at Boat Ramp at Refuge Headquarters

9/22/2010	12:04	Surfc		<i>Anabaena spp. (T)</i>		Common	0.237
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University of Delaware Citizen Monitoring Program

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Broadkill River							
<u>Prime Hook Creek</u>							
BR03: Prime Hook Creek at Boat Ramp at Refuge Headquarters							
	9/22/2010	12:04	Surfc	<i>Chattonella cf. verruculosa (T)</i>		Abundant	11.200
	9/22/2010	12:04	Surfc	<i>Chattonella subsalsa (T)</i>		Common	0.625
	9/22/2010	12:04	Surfc	<i>Karlodinium veneficum (T)</i>		Common	0.190
	9/22/2010	12:04	Surfc	<i>Kryptoperidinium foliaceum (B)</i>		Present	
	9/22/2010	12:04	Surfc	<i>Prymnesium sp. (T)</i>		Abundant	21.300
	9/22/2010	12:04	Surfc	<i>Skeletonema spp. (B*)</i>		Abundant	22.440
<u>Red Mill Pond</u>							
BR54: Red Mill Pond outlet at Rt 1							
	9/22/2010	12:42	Surfc	<i>Microcystis spp. (T)</i>		Many	9.300
Delaware Bay							
DB01: End of Cape Shores pier							
	9/15/2010	8:51	Surfc	<i>Heterocapsa rotundata (B)</i>		Common	0.125
	9/15/2010	8:51	Surfc	<i>Heterosigma akashiwo (T)</i>		Present	
	9/15/2010	8:51	Surfc	<i>Karlodinium veneficum (T)</i>		Present	
	9/20/2010	11:16	Surfc	"Gymnodinioid" sp. (S)	25-40 um Grn	Present	
	9/20/2010	11:16	Surfc	<i>Chaetoceros spp. (T)</i>		Present	
	9/20/2010	11:16	Surfc	<i>Ditylum spp. (T)</i>		Rare	0.002
	9/20/2010	11:16	Surfc	<i>Heterocapsa rotundata (B)</i>		Present	
	9/20/2010	11:16	Surfc	<i>Karenia papilionacea (T)</i>		Very Rare	
	9/20/2010	11:16	Surfc	<i>Karlodinium veneficum (T)</i>		Present	
	9/20/2010	11:16	Surfc	<i>Prorocentrum scutellum (B)</i>		Very Rare	
	9/20/2010	11:16	Surfc	<i>Prorocentrum triestinum (B)</i>		Very Rare	
	9/20/2010	11:16	Surfc	<i>Rhizosolenia spp. (T)</i>		Very Rare	
<u>Canary Creek</u>							
BR19: Canary Creek at New Road							
	9/23/2010	11:15	Surfc	<i>Heterocapsa rotundata (B)</i>		Present	
BR40: Canary Creek at Pilottown Rd							
	9/15/2010	9:45	Surfc	<i>Heterocapsa rotundata (B)</i>		Present	
	9/15/2010	9:45	Surfc	<i>Heterosigma akashiwo (T)</i>		Present	
	9/22/2010	9:30	Surfc	<i>Amphidinium spp. (T)</i>		Very Rare	
	9/22/2010	9:30	Surfc	<i>Chaetoceros spp. (T)</i>		Common	0.100
	9/22/2010	9:30	Surfc	<i>Ditylum spp. (T)</i>		Very Rare	
	9/22/2010	9:30	Surfc	<i>Heterocapsa rotundata (B)</i>		Present	
	9/22/2010	9:30	Surfc	<i>Karenia papilionacea (T)</i>		Rare	0.002
	9/22/2010	9:30	Surfc	<i>Karlodinium veneficum (T)</i>		Present	
	9/22/2010	9:30	Surfc	<i>Prorocentrum scutellum (B)</i>		Very Rare	
	9/22/2010	9:30	Surfc	<i>Rhizosolenia spp. (T)</i>		Very Rare	

Indian River

Assawoman Canal

IR50: Assawoman Canal at N end, marina dock

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University of Delaware Citizen Monitoring Program

01-Oct-10

University of Delaware SGMAS, 700 Pilottown Rd, Lewes, DE 19958 (302) 645-4252

Page 3 of 7

Water Body Tributary Site	Date	Time	Smpl Dpth	Name	Comment if ID uncertain	Abundance	MC/L
Indian River							
<u>Assawoman Canal</u>							
IR50: Assawoman Canal at N end, marina dock							
	9/14/2010	8:13	Surfc	<i>Heterocapsa rotundata</i> (B)		Present	
	9/14/2010	8:13	Surfc	<i>Karodinium veneficum</i> (T)		Present	
<u>Bethany Loop Canal</u>							
IR62: Loop Canal, Pa Ave terminus, Bethany Beach							
	9/13/2010	7:55	Surfc	<i>Chattonella cf. verruculosa</i> (T)		Present	
	9/13/2010	7:55	Surfc	<i>Gyrodinium instriatum</i> (B)		Present	
	9/13/2010	7:55	Surfc	<i>Heterocapsa rotundata</i> (B)		Present	
	9/13/2010	7:55	Surfc	<i>Karodinium veneficum</i> (T)		Present	
<u>Indian River</u>							
IR04: Warwick Cove							
	9/13/2010	11:00	Surfc	<i>Heterocapsa rotundata</i> (B)		Present	
	9/13/2010	11:00	Surfc	<i>Heterosigma akashiwo</i> (T)		Present	
IR07: Holt's Landing State Park							
	9/14/2010	8:15	Surfc		No HABs found		
IR11: Pot Nets Seaside Pier							
	9/13/2010	11:30	Surfc	<i>Heterocapsa rotundata</i> (B)		Present	
	9/13/2010	11:30	Surfc	<i>Karodinium veneficum</i> (T)		Present	
IR20: Bay Colony							
	9/14/2010	7:50	Surfc		No HABs found		
IR36: James Farm, base of Pasture Point Knee deep 150 yds from shore							
	9/14/2010	9:20	Surfc	<i>Heterocapsa rotundata</i> (B)		Present	
	9/14/2010	9:20	Surfc	<i>Karodinium veneficum</i> (T)		Present	
IR39: North side of Inlet at Wheelchair fishing platform under new bridge.							
	9/22/2010	8:10	Surfc	<i>Chaetoceros spp.</i> (T)		Rare	0.005
	9/22/2010	8:10	Surfc	<i>Ditylum spp.</i> (T)		Rare	0.002
	9/22/2010	8:10	Surfc	<i>Karenia brevis</i> (T)		Rare	0.003
	9/22/2010	8:10	Surfc	<i>Karenia papilionacea</i> (T)		Present	0.091
	9/22/2010	8:10	Surfc	<i>Prorocentrum scutellum</i> (B)		Rare	0.001
	9/24/2010	9:33	Surfc	<i>Karenia brevis</i> (T)		Rare	0.004
	9/24/2010	9:33	Surfc	<i>Karenia papilionacea</i> (T)		Common	0.113
	9/24/2010	9:33	Surfc	<i>Karenia sp.</i> (T)		Rare	0.001
	9/24/2010	9:33	Surfc	<i>Rhizosolenia spp.</i> (T)		Rare	0.001
	9/29/2010	12:40	Surfc	<i>Chaetoceros spp.</i> (T)		Present	0.015
	9/29/2010	12:40	Surfc	<i>Karenia papilionacea</i> (T)		Present	0.029
	9/29/2010	12:40	Surfc	<i>Prorocentrum scutellum</i> (B)		Rare	0.001
	9/29/2010	12:40	Surfc	<i>Rhizosolenia spp.</i> (T)		Rare	0.001
<u>Vines Creek</u>							
IR38: Vines Lane							
	9/14/2010	8:00	Surfc	<i>Heterocapsa rotundata</i> (B)		Present	
<u>White Creek</u>							
IR32: Holly Terrace Acres Canal Dead End, White Creek							

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Indian River							
<u>White Creek</u>							
IR32: Holly Terrace Acres Canal Dead End, White Creek							
	9/13/2010	8:52	Surfc	<i>Chattonella cf. verruculosa (T)</i>		Present	
	9/13/2010	8:52	Surfc	<i>Heterocapsa rotundata (B)</i>		Present	
	9/13/2010	8:57	Surfc	<i>Chattonella subsalsa (T)</i>		Present	
	9/13/2010	8:57	Surfc	<i>Heterosigma akashiwo (T)</i>		Present	
	9/13/2010	8:57	Surfc	<i>Karlodinium veneficum (T)</i>		Present	
	9/20/2010	8:25	Surfc	<i>Chattonella cf. verruculosa (T)</i>		Common	0.993
	9/20/2010	8:25	Surfc	<i>Chattonella subsalsa (T)</i>		Common	0.919
	9/20/2010	8:25	Surfc	<i>Fibrocapsa japonica (T)</i>		Common	0.491
	9/20/2010	8:25	Surfc	<i>Gyrodinium instriatum (B)</i>		Present	
	9/20/2010	8:25	Surfc	<i>Heterocapsa rotundata (B)</i>		Present	
	9/20/2010	8:25	Surfc	<i>Heterosigma akashiwo (T)</i>		Many	7.700
	9/20/2010	8:25	Surfc	<i>Karlodinium veneficum (T)</i>		Present	
	9/20/2010	8:25	Surfc	<i>Kryptoperidinium foliaceum (B)</i>		Present	
	9/20/2010	8:25	Surfc	<i>Scrippsiella sp. (B)</i>		Present	
	9/27/2010	8:15	Surfc	<i>(Unknown) sp. (B*)</i>	10-15 um Grn	Abundant	18.700
	9/27/2010	8:15	Surfc	<i>Chattonella cf. verruculosa (T)</i>		Many	1.420
	9/27/2010	8:15	Surfc	<i>Fibrocapsa japonica (T)</i>		Present	
	9/27/2010	8:15	Surfc	<i>Gyrodinium instriatum (B)</i>		Present	
	9/27/2010	8:15	Surfc	<i>Heterocapsa rotundata (B)</i>		Common	0.113
	9/27/2010	8:15	Surfc	<i>Heterosigma akashiwo (T)</i>		Present	
	9/27/2010	8:15	Surfc	<i>Karlodinium veneficum (T)</i>		Common	0.100
	9/27/2010	8:15	Surfc	<i>Kryptoperidinium foliaceum (B)</i>		Present	
	9/27/2010	8:15	Surfc	<i>Protoperdinium quinquecorne (B)</i>		Present	
Little Assawoman Bay							
LA45: Fenwick Island Bayside							
	9/13/2010	8:15	Surfc	<i>Heterocapsa rotundata (B)</i>		Present	
<u>Assawoman Canal</u>							
LA10: Assawoman Canal @ Kent Ave Bridge							
	9/13/2010	7:35	Surfc	<i>Heterocapsa rotundata (B)</i>		Present	
	9/13/2010	7:35	Surfc	<i>Karlodinium veneficum (T)</i>		Present	
<u>Dirickson Creek</u>							
LA03: Mulberry Landing							
	9/13/2010	8:12	Surfc	<i>Heterocapsa rotundata (B)</i>		Present	
LA09: Dirickson Creek at Road 381 bridge.							
	9/14/2010	8:28	Surfc	<i>Chattonella subsalsa (T)</i>		Common	0.590
	9/14/2010	8:28	Surfc	<i>Heterocapsa rotundata (B)</i>		Present	
	9/14/2010	8:28	Surfc	<i>Karlodinium veneficum (T)</i>		Present	
<u>Jefferson Creek</u>							
SB10E: Russell Canal east dead end							
	9/14/2010	7:57	Surfc	<i>Heterocapsa rotundata (B)</i>		Present	

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Little Assawoman Bay							
<u>Jefferson Creek</u>							
SB10E: Russell Canal east dead end							
	9/14/2010	7:57	Surfc	<i>Karlodinium veneficum</i> (T)		Present	
	9/22/2010	7:45	Surfc	<i>Heterosigma akashiwo</i> (T)		Common	0.200
	9/27/2010	7:41	Surfc	<i>Heterosigma akashiwo</i> (T)		Present	
	9/27/2010	7:41	Surfc	<i>Karlodinium veneficum</i> (T)		Present	
SB10W: Russell Canal west dead end							
	9/14/2010	8:16	Surfc	<i>Heterocapsa rotundata</i> (B)		Present	
	9/22/2010	7:37	Surfc	<i>Chattonella cf. verruculosa</i> (T)		Present	
	9/22/2010	7:37	Surfc	<i>Heterosigma akashiwo</i> (T)		Common	0.850
	9/27/2010	7:33	Surfc	<i>Karlodinium veneficum</i> (T)		Present	
Rehoboth Bay							
ML: Massey's Landing							
	9/13/2010	11:44	Surfc	<i>Heterocapsa rotundata</i> (B)		Present	
RB07: West Bay Park							
	9/14/2010	8:00	Surfc	<i>Heterocapsa rotundata</i> (B)		Present	
	9/14/2010	8:00	Surfc	<i>Heterosigma akashiwo</i> (T)		Present	
<u>Bald Eagle Creek</u>							
RB46: Torquay Canal at East bulkhead on Land's End.							
	9/13/2010	8:25	Surfc	<i>Chattonella cf. verruculosa</i> (T)		Common	0.360
	9/13/2010	8:25	Surfc	<i>Heterocapsa rotundata</i> (B)		Common	0.540
	9/13/2010	8:25	Surfc	<i>Heterosigma akashiwo</i> (T)		Present	
	9/13/2010	8:25	Surfc	<i>Karlodinium veneficum</i> (T)		Present	
	9/13/2010	8:25	Surfc	<i>Kryptoperidinium foliaceum</i> (B)		Present	
RB64: Torquay Canal, west side of Land's End near UD Site #1							
	9/13/2010	8:29	Surfc	<i>Heterocapsa rotundata</i> (B)		Present	
	9/13/2010	8:29	Surfc	<i>Karlodinium veneficum</i> (T)		Present	
	9/13/2010	8:29	Surfc	<i>Kryptoperidinium foliaceum</i> (B)		Present	
	9/20/2010	8:58	Surfc	<i>Chattonella cf. verruculosa</i> (T)		Present	
	9/20/2010	8:58	Surfc	<i>Gyrodinium instriatum</i> (B)		Present	
	9/20/2010	8:58	Surfc	<i>Heterocapsa rotundata</i> (B)		Present	
	9/20/2010	8:58	Surfc	<i>Heterosigma akashiwo</i> (T)		Present	
	9/20/2010	8:58	Surfc	<i>Karlodinium veneficum</i> (T)		Present	
	9/20/2010	8:58	Surfc	<i>Kryptoperidinium foliaceum</i> (B)		Present	
	9/27/2010	8:45	Surfc	<i>Gyrodinium instriatum</i> (B)		Present	
	9/27/2010	8:45	Surfc	<i>Heterocapsa rotundata</i> (B)		Present	
	9/27/2010	8:45	Surfc	<i>Heterosigma akashiwo</i> (T)		Present	
	9/27/2010	8:45	Surfc	<i>Karlodinium veneficum</i> (T)		Present	
	9/27/2010	8:45	Surfc	<i>Kryptoperidinium foliaceum</i> (B)		Present	
<u>Guinea Creek</u>							
RB05: Mouth of Guinea Creek (Pot Nets Creekside)							
	9/13/2010	12:00	Surfc	<i>Heterocapsa rotundata</i> (B)		Present	
RB06: Guinea Creek (Winding Creek Village)							

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
Rehoboth Bay							
<u>Guinea Creek</u>							
RB06: Guinea Creek (Winding Creek Village)							
	9/13/2010	12:20	Surfc	<i>Chattonella cf. verruculosa (T)</i>		Common	0.240
	9/13/2010	12:20	Surfc	<i>Heterocapsa rotundata (B)</i>		Present	
	9/13/2010	12:20	Surfc	<i>Heterosigma akashiwo (T)</i>		Present	
	9/13/2010	12:20	Surfc	<i>Karlodinium veneficum (T)</i>		Present	
<u>Love Creek</u>							
RB34: Love Creek at Rt 24 Bridge							
	9/13/2010	8:52	Surfc	<i>Chattonella cf. verruculosa (T)</i>		Common	0.610
	9/13/2010	8:52	Surfc	<i>Heterocapsa rotundata (B)</i>		Present	
Wagamon's Pond							
BR44: Wagamon's Pond, Milton							
	9/15/2010	9:00	Surfc	<i>Anabaena spp. (T)</i>		Present	
	9/15/2010	9:00	Surfc	<i>Aphanizomenon spp. (T)</i>		Present	
	9/15/2010	9:00	Surfc	<i>Lyngbya (T)</i>		Present	
	9/15/2010	9:00	Surfc	<i>Woronichinia naegeliana (T)</i>		Present	

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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