

Harmful Algae Report

All data between 8/22/2013 and 9/19/2013

University of Delaware Citizen Monitoring Program

Water Body Tributary Site	Date	Time	Smpl Dpth	Name	Comment if ID uncertain	Abundance	MC/L
RWPM83: Cape Henlopen Pier							
	8/29/2013	8:35	Net	<i>Chaetoceros spp. (T)</i>			
	8/29/2013	8:35	Net	<i>Pseudo-nitzschia spp. (T)</i>			
	8/29/2013	8:35	Surfc	<i>Chaetoceros spp. (T)</i>		Present	
	8/29/2013	8:35	Surfc	<i>Heterocapsa rotundata (B)</i>		Present	
	8/29/2013	8:35	Surfc	<i>Karlodinium veneficum (T)</i>		Present	
Atlantic Ocean							
RWPM14: Tower Rd Ocean, Delaware Seashore State Park							
	8/26/2013	8:23	Surfc	<i>Dinophysis norvegica (T)</i>		Very Rare	
	8/26/2013	8:23	Surfc	<i>Heterocapsa rotundata (B)</i>		Rare	0.001
	8/26/2013	8:23	Surfc	<i>Karenia papilionacea (T)</i>		Very Rare	
	8/26/2013	8:23	Surfc	<i>Prorocentrum scutellum (B)</i>		Very Rare	
	8/26/2013	8:23	Surfc	<i>Prorocentrum triestinum (B)</i>		Present	0.011
	8/26/2013	8:23	Surfc	<i>Pseudo-nitzschia spp. (T)</i>		Rare	0.001
	8/26/2013	8:23	Surfc	<i>Rhizosolenia spp. (T)</i>		Rare	0.001
	9/12/2013	8:09	Surfc	<i>Karenia papilionacea (T)</i>		Very Rare	
	9/12/2013	8:09	Surfc	<i>Prorocentrum scutellum (B)</i>		Very Rare	
	9/12/2013	8:09	Surfc	<i>Prorocentrum triestinum (B)</i>		Rare	0.006
	9/12/2013	8:09	Surfc	<i>Pseudo-nitzschia spp. (T)</i>		Rare	0.001
RWPM8: Cape Henlopen State Park Beach (2)							
	9/5/2013	9:23	Surfc	<i>Chaetoceros spp. (T)</i>		Present	0.013
	9/5/2013	9:23	Surfc	<i>Prorocentrum sp. (T)</i>		Very Rare	
	9/5/2013	9:23	Surfc	<i>Prorocentrum triestinum (B)</i>		Very Rare	
	9/5/2013	9:23	Surfc	<i>Pseudo-nitzschia spp. (T)</i>		Very Rare	
	9/5/2013	9:23	Surfc	<i>Rhizosolenia spp. (T)</i>		Rare	0.002
	9/5/2013	9:23	Surfc	<i>Scrippsiella sp. (B)</i>		Very Rare	
RWPMVIII: Town of Fenwick							
	8/26/2013	9:00	Surfc	<i>Dinophysis norvegica (T)</i>		Very Rare	
	8/26/2013	9:00	Surfc	<i>Gyrodinium spirale (B)</i>		Rare	0.001
	8/26/2013	9:00	Surfc	<i>Karenia papilionacea (T)</i>		Rare	0.002
	8/26/2013	9:00	Surfc	<i>Prorocentrum scutellum (B)</i>		Very Rare	
	8/26/2013	9:00	Surfc	<i>Prorocentrum sp. (T)</i>		Very Rare	
	8/26/2013	9:00	Surfc	<i>Prorocentrum triestinum (B)</i>		Present	0.016
	8/26/2013	9:00	Surfc	<i>Pseudo-nitzschia spp. (T)</i>		Rare	0.001
	8/26/2013	9:00	Surfc	<i>Scrippsiella sp. (B)</i>		Very Rare	
	9/12/2013	8:26	Surfc	<i>Ditylum spp. (T)</i>		Very Rare	
	9/12/2013	8:26	Surfc	<i>Karenia papilionacea (T)</i>		Very Rare	
	9/12/2013	8:26	Surfc	<i>Prorocentrum triestinum (B)</i>		Very Rare	
	9/12/2013	8:26	Surfc	<i>Pseudo-nitzschia spp. (T)</i>		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.

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Atlantic Ocean							
RWPMVIII: Town of Fenwick							
	9/12/2013	8:26	Surfc	<i>Scrippsiella sp. (B)</i>		Very Rare	
Broadkill River							
BR01: Broadkill river @ PEL dock.							
	9/4/2013	8:55	Net	<i>Chaetoceros spp. (T)</i>			
	9/4/2013	8:55	Net	<i>Heterocapsa rotundata (B)</i>			
	9/4/2013	8:55	Net	<i>Prorocentrum scutellum (B)</i>			
	9/4/2013	8:55	Surfc	<i>Chaetoceros spp. (T)</i>		Present	
	9/4/2013	8:55	Surfc	<i>Prorocentrum triestinum (B)</i>		Present	
	9/11/2013	8:50	Net	<i>Chattonella cf. verruculosa (T)</i>			
	9/11/2013	8:50	Net	<i>Heterocapsa rotundata (B)</i>			
	9/11/2013	8:50	Net	<i>Scrippsiella sp. (B)</i>			
	9/11/2013	8:50	Surfc	<i>Chattonella cf. verruculosa (T)</i>		Present	
	9/11/2013	8:50	Surfc	<i>Karlodinium veneficum (T)</i>		Present	
	9/18/2013	8:50	Net	<i>Karlodinium veneficum (T)</i>			
	9/18/2013	8:50	Net	<i>Prorocentrum scutellum (B)</i>			
	9/18/2013	8:50	Net	<i>Pseudo-nitzschia spp. (T)</i>			
	9/18/2013	8:50	Net	<i>Rhizosolenia spp. (T)</i>			
	9/18/2013	8:50	Surfc	<i>Karlodinium veneficum (T)</i>		Present	
BR20: Broadkill River at Milton tidal pond							
	9/11/2013	7:00	Surfc		No HABs found		
Diamond Pond							
BR48: Diamond Pond							
	9/11/2013	10:55	Surfc	<i>Heterosigma akashiwo (T)</i>		Present	
Old Mill Creek							
BR21: Old Mill Creek downstream from Red Mill Pond							
	9/11/2013	12:35	Surfc	<i>Heterosigma akashiwo (T)</i>		Present	
	9/11/2013	12:35	Surfc	<i>Microcystis spp. (T)</i>		Present	
Prime Hook Creek							
BR03: Prime Hook Creek at Boat Ramp at Refuge Headquarters							
	9/11/2013	11:55	Surfc	<i>(Unknown) sp. (B*)</i>	5-15 um grn trdrp flag	Very Abundant	624.000
	9/11/2013	11:55	Surfc	<i>Anabaena spp. (T)</i>		Common	0.130
	9/11/2013	11:55	Surfc	<i>Chattonella cf. verruculosa (T)</i>		Many	7.700
	9/11/2013	11:55	Surfc	<i>Gyrodinium instriatum (B)</i>		Present	
	9/11/2013	11:55	Surfc	<i>Heterosigma akashiwo (T)</i>		Present	
	9/11/2013	11:55	Surfc	<i>Microcystis spp. (T)</i>		Many	2.500
	9/11/2013	11:55	Surfc	<i>Oscillatoria spp. (B)</i>		Common	0.250
Delaware Bay							
DB01: End of Cape Shores pier							
	9/18/2013	8:41	Surfc	<i>Heterocapsa rotundata (B)</i>		Present	
	9/18/2013	8:41	Surfc	<i>Karlodinium veneficum (T)</i>		Present	
Canary Creek							

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Delaware Bay							
<u>Canary Creek</u>							
BR40: Canary Creek at Pilottown Rd							
	8/22/2013	9:00	Surfc	<i>Heterocapsa rotundata</i> (B)		Common	0.138
	8/22/2013	9:00	Surfc	<i>Heterocapsa triquetra</i> (B)		Present	
	9/10/2013	9:10	Surfc	<i>Heterocapsa rotundata</i> (B)		Present	
	9/10/2013	9:10	Surfc	<i>Protoperidinium quinquecorne</i> (B)		Present	
Indian River							
IR24: Iron Branch - County road 331 at bridge							
	9/9/2013	10:00	Surfc	<i>Akashiwo sanguinea</i> (T)		Present	
	9/9/2013	10:00	Surfc	<i>Gyrodinium striatum</i> (B)		Many	3.740
	9/9/2013	10:00	Surfc	<i>Heterosigma akashiwo</i> (T)		Many	1.030
	9/9/2013	10:00	Surfc	<i>Scrippsiella sp.</i> (B)		Present	
<u>Assawoman Canal</u>							
IR50: Assawoman Canal at N end, Ocean View Marina							
	9/10/2013	7:20	Surfc	<i>Chaetoceros spp.</i> (T)		Present	
	9/10/2013	7:20	Surfc	<i>Chattonella cf. verruculosa</i> (T)		Present	
	9/10/2013	7:20	Surfc	<i>Chattonella subsalsa</i> (T)		Present	
	9/10/2013	7:20	Surfc	<i>Protoperidinium quinquecorne</i> (B)		Present	
<u>Bethany Loop Canal</u>							
IR62: Loop Canal, Pa Ave terminus, Bethany Beach							
	9/9/2013	7:30	Surfc	<i>Chattonella cf. verruculosa</i> (T)		Present	
	9/9/2013	7:30	Surfc	<i>Chattonella subsalsa</i> (T)		Abundant	12.800
	9/9/2013	7:30	Surfc	<i>Protoperidinium quinquecorne</i> (B)		Present	
<u>Indian River</u>							
IR04: Warwick Cove							
	9/9/2013	10:25	Surfc	<i>Heterocapsa rotundata</i> (B)		Present	
	9/9/2013	10:25	Surfc	<i>Heterocapsa sp.</i> (B)		Common	0.125
	9/9/2013	10:25	Surfc	<i>Karlodinium veneficum</i> (T)		Present	
IR11: Pot Nets Seaside Pier							
	9/9/2013	11:05	Surfc	<i>Heterocapsa rotundata</i> (B)		Present	
	9/9/2013	11:05	Surfc	<i>Heterosigma akashiwo</i> (T)		Present	
IR20: Bay Colony							
	9/9/2013	7:55	Surfc	<i>Heterocapsa rotundata</i> (B)		Present	
	9/9/2013	7:55	Surfc	<i>Heterosigma akashiwo</i> (T)		Present	
IR36: James Farm, base of Pasture Point Knee deep 150 yds from shore							
	9/9/2013	7:33	Surfc	<i>Chattonella cf. verruculosa</i> (T)		Present	
	9/9/2013	7:33	Surfc	<i>Karlodinium veneficum</i> (T)		Present	
IR39: North side of Inlet at Wheelchair fishing platform under new bridge.							
	9/4/2013	8:20	Surfc	<i>Amphidinium spp.</i> (T)		Very Rare	
	9/4/2013	8:20	Surfc	<i>Chaetoceros spp.</i> (T)		Rare	0.003
	9/4/2013	8:20	Surfc	<i>Dinophysis norvegica</i> (T)		Very Rare	
	9/4/2013	8:20	Surfc	<i>Karenia papilionacea</i> (T)		Very Rare	

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Indian River							
<u>Indian River</u>							
IR39: North side of Inlet at Wheelchair fishing platform under new bridge.							
	9/4/2013	8:20	Surfc	<i>Karlodinium veneficum</i> (T)		Rare	0.001
	9/4/2013	8:20	Surfc	<i>Prorocentrum scutellum</i> (B)		Very Rare	
	9/4/2013	8:20	Surfc	<i>Prorocentrum triestinum</i> (B)		Rare	0.002
	9/4/2013	8:20	Surfc	<i>Protoperidinium quinquecorne</i> (B)		Very Rare	
	9/4/2013	8:20	Surfc	<i>Pseudo-nitzschia</i> spp. (T)		Very Rare	
	9/4/2013	8:20	Surfc	<i>Scrippsiella</i> sp. (B)		Very Rare	
	9/18/2013	7:45	Surfc	<i>Chaetoceros</i> spp. (T)		Present	0.020
	9/18/2013	7:45	Surfc	<i>Ditylum</i> spp. (T)		Rare	0.002
	9/18/2013	7:45	Surfc	<i>Fibrocapsa japonica</i> (T)		Rare	0.001
	9/18/2013	7:45	Surfc	<i>Karenia papilionacea</i> (T)		Very Rare	
	9/18/2013	7:45	Surfc	<i>Prorocentrum scutellum</i> (B)		Very Rare	
	9/18/2013	7:45	Surfc	<i>Prorocentrum triestinum</i> (B)		Rare	0.001
	9/18/2013	7:45	Surfc	<i>Pseudo-nitzschia</i> spp. (T)		Present	0.027
	9/18/2013	7:45	Surfc	<i>Rhizosolenia</i> spp. (T)		Rare	0.002
<u>Vines Creek</u>							
IR38: Vines Lane							
	9/10/2013	7:45	Surfc		No HABs found		
<u>White Creek</u>							
IR32: Holly Terrace Acres Canal Dead End, White Creek							
	8/26/2013	8:26	Surfc	<i>Chattonella</i> cf. <i>verruculosa</i> (T)		Common	0.260
	8/26/2013	8:26	Surfc	<i>Chattonella subsalsa</i> (T)		Present	
	8/26/2013	8:26	Surfc	<i>Heterocapsa rotundata</i> (B)		Present	
	8/26/2013	8:26	Surfc	<i>Heterosigma akashiwo</i> (T)		Common	0.240
	8/26/2013	8:26	Surfc	<i>Karlodinium veneficum</i> (T)		Common	0.110
	8/26/2013	8:26	Surfc	<i>Kryptoperidinium foliaceum</i> (B)		Common	0.110
	8/26/2013	8:26	Surfc	<i>Prorocentrum minimum</i> (T)		Present	
	8/26/2013	8:26	Surfc	<i>Prorocentrum triestinum</i> (B)		Common	0.140
	8/26/2013	8:26	Surfc	<i>Protoperidinium quinquecorne</i> (B)		Common	0.300
	8/26/2013	8:26	Surfc	<i>Scrippsiella</i> sp. (B)		Common	0.350
	9/4/2013	7:50	Surfc	<i>Chattonella</i> cf. <i>verruculosa</i> (T)		Common	0.230
	9/4/2013	7:50	Surfc	<i>Chattonella subsalsa</i> (T)		Common	0.220
	9/4/2013	7:50	Surfc	<i>Heterocapsa rotundata</i> (B)		Present	
	9/4/2013	7:50	Surfc	<i>Heterosigma akashiwo</i> (T)		Present	
	9/4/2013	7:50	Surfc	<i>Kryptoperidinium foliaceum</i> (B)		Present	
	9/4/2013	7:50	Surfc	<i>Scrippsiella</i> sp. (B)		Present	
	9/9/2013	9:15	Surfc	<i>Chattonella subsalsa</i> (T)		Present	
	9/9/2013	9:15	Surfc	<i>Heterocapsa rotundata</i> (B)		Present	
	9/9/2013	9:15	Surfc	<i>Heterosigma akashiwo</i> (T)		Present	
	9/9/2013	9:15	Surfc	<i>Karlodinium veneficum</i> (T)		Present	
	9/9/2013	9:15	Surfc	<i>Prorocentrum triestinum</i> (B)		Present	

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Indian River							
<u>White Creek</u>							
IR32: Holly Terrace Acres Canal Dead End, White Creek							
	9/9/2013	9:15	Surfc	<i>Protoperidinium quinquecorne</i> (B)		Present	
	9/9/2013	9:15	Surfc	<i>Scrippsiella sp.</i> (B)		Present	
Little Assawoman Bay							
LA45: Fenwick Island Bayside							
	9/10/2013	8:56	Surfc	<i>Akashiwo sanguinea</i> (T)		Present	
	9/10/2013	8:56	Surfc	<i>Heterocapsa rotundata</i> (B)		Present	
	9/10/2013	8:56	Surfc	<i>Heterosigma akashiwo</i> (T)		Present	
	9/10/2013	8:56	Surfc	<i>Karlodinium veneficum</i> (T)		Present	
<u>Assawoman Canal</u>							
LA10: Assawoman Canal S end, Kent Ave Bridge							
	9/9/2013	7:10	Surfc	<i>Akashiwo sanguinea</i> (T)		Present	
	9/9/2013	7:10	Surfc	<i>Chattonella cf. verruculosa</i> (T)		Present	
	9/9/2013	7:10	Surfc	<i>Chattonella subsalsa</i> (T)		Present	
	9/9/2013	7:10	Surfc	<i>Heterocapsa rotundata</i> (B)		Present	
	9/9/2013	7:10	Surfc	<i>Prorocentrum triestinum</i> (B)		Present	
	9/9/2013	7:10	Surfc	<i>Protoperidinium quinquecorne</i> (B)		Present	
<u>Dirickson Creek</u>							
LA03: Mulberry Landing							
	9/9/2013	7:58	Surfc	<i>Chattonella cf. verruculosa</i> (T)		Present	
	9/9/2013	7:58	Surfc	<i>Gyrodinium instriatum</i> (B)		Present	
	9/9/2013	7:58	Surfc	<i>Heterocapsa rotundata</i> (B)		Present	
	9/9/2013	7:58	Surfc	<i>Heterosigma akashiwo</i> (T)		Present	
	9/9/2013	7:58	Surfc	<i>Karlodinium veneficum</i> (T)		Present	
LA09: Dirickson Creek at Road 381 bridge.							
	9/9/2013	8:33	Surfc	<i>Chattonella cf. verruculosa</i> (T)		Common	0.840
	9/9/2013	8:33	Surfc	<i>Gyrodinium instriatum</i> (B)		Common	0.190
	9/9/2013	8:33	Surfc	<i>Heterocapsa rotundata</i> (B)		Present	
	9/9/2013	8:33	Surfc	<i>Karlodinium veneficum</i> (T)		Present	
	9/9/2013	8:33	Surfc	<i>Protoperidinium quinquecorne</i> (B)		Present	
<u>Jefferson Creek</u>							
SB10E: Russell Canal east dead end							
	8/27/2013	7:55	Surfc	<i>Chattonella cf. verruculosa</i> (T)		Common	0.290
	8/27/2013	7:55	Surfc	<i>Gyrodinium instriatum</i> (B)		Present	
	8/27/2013	7:55	Surfc	<i>Heterocapsa rotundata</i> (B)		Present	
	8/27/2013	7:55	Surfc	<i>Heterosigma akashiwo</i> (T)		Present	
	8/27/2013	7:55	Surfc	<i>Karlodinium veneficum</i> (T)		Common	0.200
	9/3/2013	8:13	Surfc	<i>Chattonella cf. verruculosa</i> (T)		Abundant	18.300
	9/3/2013	8:13	Surfc	<i>Gyrodinium instriatum</i> (B)		Present	
	9/3/2013	8:13	Surfc	<i>Heterocapsa rotundata</i> (B)		Present	
	9/3/2013	8:13	Surfc	<i>Pleurochrysis carterae</i> (B*)		Abundant	85.800

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Little Assawoman Bay							
<u>Jefferson Creek</u>							
SB10E: Russell Canal east dead end							
	9/10/2013	7:27	Surfc	<i>Chattonella subsalsa</i> (T)		Present	
	9/10/2013	7:27	Surfc	<i>Gyrodinium instriatum</i> (B)		Present	
	9/10/2013	7:27	Surfc	<i>Heterocapsa rotundata</i> (B)		Present	
	9/10/2013	7:27	Surfc	<i>Kryptoperidinium foliaceum</i> (B)		Present	
	9/10/2013	7:27	Surfc	<i>Protopteridinium quinquecorne</i> (B)		Present	
	9/17/2013	8:02	Surfc	<i>Chattonella cf. verruculosa</i> (T)		Many	3.300
	9/17/2013	8:02	Surfc	<i>Gyrodinium instriatum</i> (B)		Present	
	9/17/2013	8:02	Surfc	<i>Prorocentrum minimum</i> (T)		Present	
SB10W: Russell Canal west dead end							
	8/27/2013	8:10	Surfc	<i>Chattonella cf. verruculosa</i> (T)		Many	5.940
	8/27/2013	8:10	Surfc	<i>Gyrodinium instriatum</i> (B)		Present	
	8/27/2013	8:10	Surfc	<i>Heterosigma akashiwo</i> (T)		Present	
	8/27/2013	8:10	Surfc	<i>Karlodinium veneficum</i> (T)		Common	0.120
	8/27/2013	8:10	Surfc	<i>Protopteridinium quinquecorne</i> (B)		Present	
	8/27/2013	8:10	Surfc	<i>Scrippsiella sp.</i> (B)		Present	
	9/3/2013	8:29	Surfc	<i>Akashiwo sanguinea</i> (T)		Present	
	9/3/2013	8:29	Surfc	<i>Chattonella cf. verruculosa</i> (T)		Abundant	30.400
	9/3/2013	8:29	Surfc	<i>Gyrodinium instriatum</i> (B)		Present	
	9/3/2013	8:29	Surfc	<i>Heterocapsa rotundata</i> (B)		Present	
	9/3/2013	8:29	Surfc	<i>Karlodinium veneficum</i> (T)		Present	
	9/3/2013	8:29	Surfc	<i>Protopteridinium quinquecorne</i> (B)		Present	
	9/3/2013	8:29	Surfc	<i>Scrippsiella sp.</i> (B)		Present	
	9/10/2013	7:16	Surfc	<i>Chattonella cf. verruculosa</i> (T)		Present	
	9/10/2013	7:16	Surfc	<i>Gyrodinium instriatum</i> (B)		Present	
	9/17/2013	8:20	Surfc	<i>Chattonella subsalsa</i> (T)		Present	
	9/17/2013	8:20	Surfc	<i>Gyrodinium instriatum</i> (B)		Present	
	9/17/2013	8:20	Surfc	<i>Heterosigma akashiwo</i> (T)		Present	
	9/17/2013	8:20	Surfc	<i>Karlodinium veneficum</i> (T)		Present	
	9/17/2013	8:20	Surfc	<i>Prorocentrum minimum</i> (T)		Present	
Rehoboth Bay							
RB07: West Bay Park							
	9/10/2013	9:05	Surfc	<i>Heterocapsa rotundata</i> (B)		Present	
	9/10/2013	9:05	Surfc	<i>Karlodinium veneficum</i> (T)		Present	
<u>Bald Eagle Creek</u>							
RB64: Torquay Canal, west side of Land's End near UD Site #1							
	9/3/2013	9:10	Surfc	<i>Chattonella cf. verruculosa</i> (T)		Many	5.300
	9/3/2013	9:10	Surfc	<i>Chattonella subsalsa</i> (T)		Present	
	9/3/2013	9:10	Surfc	<i>Gyrodinium instriatum</i> (B)		Present	
	9/3/2013	9:10	Surfc	<i>Heterocapsa rotundata</i> (B)		Present	
	9/3/2013	9:10	Surfc	<i>Heterosigma akashiwo</i> (T)		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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Water Body Tributary Site	Date	Time	Smpl Dpth	Name	Comment if ID uncertain	Abundance	MC/L
Rehoboth Bay							
<u>Bald Eagle Creek</u>							
RB64: Torquay Canal, west side of Land's End near UD Site #1							
	9/3/2013	9:10	Surfc	<i>Karlodinium veneficum</i> (T)		Present	
	9/3/2013	9:10	Surfc	<i>Kryptoperidinium foliaceum</i> (B)		Present	
	9/9/2013	8:10	Surfc	<i>Chattonella cf. verruculosa</i> (T)		Common	0.590
	9/9/2013	8:10	Surfc	<i>Heterosigma akashiwo</i> (T)		Present	
	9/9/2013	8:10	Surfc	<i>Kryptoperidinium foliaceum</i> (B)		Present	
	9/16/2013	7:20	Surfc	<i>Chattonella cf. verruculosa</i> (T)		Many	4.180
	9/16/2013	7:20	Surfc	<i>Chattonella subsalsa</i> (T)		Many	1.320
	9/16/2013	7:20	Surfc	<i>Gyrodinium instriatum</i> (B)		Present	
	9/16/2013	7:20	Surfc	<i>Heterosigma akashiwo</i> (T)		Present	
	9/16/2013	7:20	Surfc	<i>Karlodinium veneficum</i> (T)		Present	
	9/16/2013	7:20	Surfc	<i>Kryptoperidinium foliaceum</i> (B)		Common	0.110
	9/16/2013	7:20	Surfc	<i>Scrippsiella sp.</i> (B)		Present	
<u>Guinea Creek</u>							
RB05: Mouth of Guinea Creek (Pot Nets Creekside)							
	9/9/2013	11:33	Surfc	<i>Chattonella cf. verruculosa</i> (T)		Common	0.138
	9/9/2013	11:33	Surfc	<i>Heterocapsa rotundata</i> (B)		Present	
	9/9/2013	11:33	Surfc	<i>Heterocapsa sp.</i> (B)		Present	
	9/9/2013	11:33	Surfc	<i>Prorocentrum triestinum</i> (B)		Present	
	9/9/2013	11:33	Surfc	<i>Protoperidinium quinquecorne</i> (B)		Present	
RB06: Guinea Creek (Winding Creek Village)							
	9/9/2013	8:00	Surfc	<i>Gyrodinium instriatum</i> (B)		Present	
	9/9/2013	8:00	Surfc	<i>Heterosigma akashiwo</i> (T)		Present	
<u>Herring Creek</u>							
RB04: Herring Creek, Mid-Section							
	9/17/2013	6:45	Surfc	<i>Akashiwo sanguinea</i> (T)		Present	
	9/17/2013	6:45	Surfc	<i>Gyrodinium instriatum</i> (B)		Present	
	9/17/2013	6:45	Surfc	<i>Protoperidinium quinquecorne</i> (B)		Present	
<u>Love Creek</u>							
RB34: Love Creek at Rt 24 Bridge							
	9/9/2013	8:30	Surfc	<i>Chattonella cf. verruculosa</i> (T)		Present	
	9/9/2013	8:30	Surfc	<i>Heterocapsa rotundata</i> (B)		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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