

Harmful Algae Report

All data from 7/22/2004

Delaware Inland Bays Citizen Monitor Program

Water Body Tributary Site	Date	Time	Smpl Dpth	Name	Comment if ID uncertain	Abundance	MCL
Assawoman Bay							
<u>Roy Creek</u>							
BA01: Keenwick on Bay, Roy Creek							
	8/2/2004	10:00	Surfc	<i>"Gymnodinioid" sp. (S)</i>	15-25 um Grn	Common	0.38
	8/2/2004	10:00	Surfc	<i>Gyrodinium instriatum (B)</i>		Present	
	8/2/2004	10:00	Surfc	<i>Gyrodinium uncatenum (B)</i>		Present	
	8/2/2004	10:00	Surfc	<i>Scrippsiella sp. (B)</i>		Present	
BA02: Keenwick Sound, entrance to canal system							
	8/2/2004	9:45	Surfc	<i>"Gymnodinioid" sp. (S)</i>	10-15 um Grn	Present	
	8/2/2004	9:45	Surfc	<i>"Gymnodinioid" sp. (S)</i>	15-25 um Grn	Common	
	8/2/2004	9:45	Surfc	<i>Chattonella cf. verruculosa (T)</i>		Present	
	8/2/2004	9:45	Surfc	<i>Heterocapsa rotundata (B)</i>		Present	
	8/2/2004	9:45	Surfc	<i>Heterosigma akashiwo. (T)</i>		Present	
Assawoman Canal							
IR50: Assawoman Canal at N end, marina dock							
	7/27/2004	9:33	Surfc	<i>"Gymnodinioid" sp. (S)</i>	15-25 um Grn	Present	
	7/27/2004	9:33	Surfc	<i>Akashiwo sanguineum (B)</i>		Present	
	7/27/2004	9:33	Surfc	<i>Heterocapsa rotundata (B)</i>		Present	
	7/27/2004	9:33	Surfc	<i>Kryptoperidinium foliaceum-2 (B)</i>		Present	
	7/27/2004	9:33	Surfc	<i>Prorocentrum gracile (B)</i>		Present	
	7/27/2004	9:33	Surfc	<i>Protopeiridium quinquecorne (B)</i>		Present	
	7/27/2004	9:33	Surfc	<i>Scrippsiella sp. (B)</i>		Present	
LA10: BB: Assawoman Canal @ Kent Ave Bridge							
	7/26/2004	8:10	Surfc	<i>"Gymnodinioid" sp. (S)</i>	15-25 um Grn	Present	
	7/26/2004	8:10	Surfc	<i>Akashiwo sanguineum (B)</i>		Present	
	7/26/2004	8:10	Surfc	<i>Chattonella cf. verruculosa (T)</i>		Present	
	7/26/2004	8:10	Surfc	<i>Heterocapsa rotundata (B)</i>		Present	
	7/26/2004	8:10	Surfc	<i>Heterosigma akashiwo. (T)</i>		Present	
	7/26/2004	8:10	Surfc	<i>Scrippsiella sp. (B)</i>		Present	
<u>Bethany Loop Canal</u>							
IR62: Loop Canal, Pa Ave terminus, Bethany Beach							
	7/27/2004	9:15	Surfc	<i>Chattonella subsalsa (T)</i>		Present	
	7/27/2004	9:15	Surfc	<i>Gyrodinium instriatum (B)</i>		Present	
	7/27/2004	9:15	Surfc	<i>Kryptoperidinium foliaceum-2 (B)</i>		Many	1.17
	7/27/2004	9:15	Surfc	<i>Protopeiridium quinquecorne (B)</i>		Present	
IR64: Bethany Beach canal off dead end at 3rd street East of Evans Rd.							
	7/27/2004	9:22	Surfc	<i>(Unknown) sp. (B)</i>	10-15 um Grn trdrp	Abundant	65.00
	7/27/2004	9:22	Surfc	<i>Akashiwo sanguineum (B)</i>		Present	
	7/27/2004	9:22	Surfc	<i>Gyrodinium instriatum (B)</i>		Present	
	7/27/2004	9:22	Surfc	<i>Kryptoperidinium foliaceum-2 (B)</i>		Present	

Name subsripts: (B) - nontoxic bloom former; (S) - cell similar to a known toxic cell; (T) - potentially toxic cell.
MCL - Million Cells per Liter. Abundance Levels: Not Found: Looked for, but no cells found; Present: < 0.1 MCL;
Common: 0.1 - 1 MCL; Many: 1 - 10 MCL; Abundant: 10 - 100 MCL; Very Abundant: > 100 MCL.

Delaware Inland Bays Citizen Monitoring Program

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Assawoman Canal							
<u>Bethany Loop Canal</u>							
IR64: Bethany Beach canal off dead end at 3rd street East of Evans Rd.							
	7/27/2004	9:22	Surfc	<i>Protoperidinium quinquecorne (B)</i>		Common	0.14
Atlantic Ocean							
RWPM11: Rehoboth Rehoboth Ave (2)							
	8/4/2004	11:15	Surfc	<i>Chaetoceros sp. (T)</i>		Present	
	8/4/2004	11:15	Surfc	<i>Ditylum sp. (T)</i>		Present	
	8/4/2004	11:15	Surfc	<i>Heterocapsa rotundata (B)</i>		Present	
RWPMII: Town of Bethany							
	8/3/2004	11:00	Surfc	<i>Chaetoceros sp. (T)</i>		Present	
	8/3/2004	11:00	Surfc	<i>Prorocentrum lima (T)</i>		Present	
	8/4/2004	10:00	Surfc	"Gymnodinioid" sp. (S)	15-25 um Grn	Present	
	8/4/2004	10:00	Surfc	<i>Chaetoceros sp. (T)</i>		Common	
	8/4/2004	10:00	Surfc	<i>Heterocapsa rotundata (B)</i>		Present	
RWPMIV: Fenwick Island State Park							
	8/3/2004	10:00	Surfc	<i>Heterocapsa rotundata (B)</i>		Present	
Indian River							
IR04: Warwick Cove							
	8/2/2004	10:17	Surfc		No HABs found		
IR07: Holt's Landing State Park							
	7/27/2004	10:08	Surfc	"Gymnodinioid" sp. (S)	15-25 um Grn	Present	
IR11: Big Ditch Point							
	8/2/2004	11:31	Surfc		No HABs found		
IR36: James Farm, base of Pasture Point Knee deep 150 yds from shore							
	7/29/2004	10:30	Surfc	<i>Akashiwo sanguineum (B)</i>		Present	
	7/29/2004	10:30	Surfc	<i>Chaetoceros sp. (T)</i>		Present	
	7/29/2004	10:30	Surfc	<i>Kryptoperidinium foliaceum-2 (B)</i>		Present	
	7/29/2004	10:30	Surfc	<i>Prorocentrum gracile (B)</i>		Present	
	7/29/2004	10:30	Surfc	<i>Protoperidinium quinquecorne (B)</i>		Present	
	7/29/2004	10:30	Surfc	<i>Scrippsiella sp. (B)</i>		Present	
IR36B: James Farm, Pasture Point							
	7/26/2004	9:10	Surfc	<i>Akashiwo sanguineum (B)</i>		Present	0.05
	7/26/2004	9:10	Surfc	<i>Scrippsiella sp. (B)</i>		Present	
	8/4/2004	9:15	Surfc	<i>Akashiwo sanguineum (B)</i>		Present	
	8/4/2004	9:15	Surfc	<i>Protoperidinium quinquecorne (B)</i>		Present	
IR5S: DNREC site, Upper Indian River							
	7/30/2004	9:16	Surfc	<i>Gyrodinium instriatum (B)</i>		Common	0.85
<u>White Creek</u>							
DNRECWC-15: Holly Terrace Acres Canal midway up from White Creek							
	7/27/2004	12:30	Surfc	"Gymnodinioid" sp. (S)	15-25 um Grn	Present	
	7/27/2004	12:30	Surfc	<i>Chattonella cf. verruculosa (T)</i>		Common	0.20
	7/27/2004	12:30	Surfc	<i>Chattonella subsalsa (T)</i>		Many	2.80
	7/27/2004	12:30	Surfc	<i>Fibrocapsa japonica (T)</i>		Present	
	7/27/2004	12:30	Surfc	<i>Gyrodinium instriatum (B)</i>		Common	0.20

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Indian River							
<u>White Creek</u>							
DNRECWC-15: Holly Terrace Acres Canal midway up from White Creek							
	7/27/2004	12:30	Surfc	<i>Heterocapsa rotundata</i> (B)		Present	
	7/27/2004	12:30	Surfc	<i>Heterosigma akashiwo</i> . (T)		Present	
	7/27/2004	12:30	Surfc	<i>Kryptoperidinium foliaceum-2</i> (B)		Present	
	7/27/2004	12:30	Surfc	<i>Prorocentrum gracile</i> (B)		Present	
	7/27/2004	12:30	Surfc	<i>Prorocentrum minimum</i> (T)		Present	
	7/27/2004	12:30	Surfc	<i>Protoberidinium quinquecorne</i> (B)		Present	
	7/27/2004	12:30	Surfc	<i>Scrippsiella sp.</i> (B)		Common	0.15
IR23: Bethany Marina							
	7/26/2004	6:45	Surfc	"Gymnodinioid" sp. (S)	15-25 um Grn	Present	
	7/26/2004	6:45	Surfc	<i>Akashiwo sanguineum</i> (B)		Present	
	7/26/2004	6:45	Surfc	<i>Heterocapsa rotundata</i> (B)		Present	
	7/26/2004	6:45	Surfc	<i>Heterosigma akashiwo</i> . (T)		Present	
	7/26/2004	6:45	Surfc	<i>Prorocentrum gracile</i> (B)		Present	
	8/4/2004	8:20	Surfc	<i>Akashiwo sanguineum</i> (B)		Present	
	8/4/2004	8:20	Surfc	<i>Gyrodinium instriatum</i> (B)		Common	0.11
	8/4/2004	8:20	Surfc	<i>Kryptoperidinium foliaceum-2</i> (B)		Present	
	8/4/2004	8:20	Surfc	<i>Prorocentrum gracile</i> (B)		Present	
	8/4/2004	8:20	Surfc	<i>Protoberidinium quinquecorne</i> (B)		Present	
	8/4/2004	8:20	Surfc	<i>Scrippsiella sp.</i> (B)		Present	
IR32: Holly Terrace Acres							
	7/26/2004	9:30	.2 m	"Gymnodinioid" sp. (S)	15-25 um Grn	Present	
	7/26/2004	9:30	.2 m	<i>Chattonella cf. verruculosa</i> (T)		Common	0.11
	7/26/2004	9:30	.2 m	<i>Heterocapsa rotundata</i> (B)		Common	0.10
	7/26/2004	9:30	.2 m	<i>Kryptoperidinium foliaceum-2</i> (B)		Present	
	7/26/2004	9:30	.2 m	<i>Protoberidinium quinquecorne</i> (B)		Present	
	7/26/2004	9:35	.6 m	"Gymnodinioid" sp. (S)	15-25 um Grn	Present	
	7/26/2004	9:35	.6 m	<i>Chattonella subsalsa</i> (T)		Present	
	7/26/2004	9:35	.6 m	<i>Prorocentrum lima</i> (T)		Present	
	7/26/2004	9:35	.6 m	<i>Protoberidinium quinquecorne</i> (B)		Present	
	7/29/2004	9:20	Surfc	<i>Akashiwo sanguineum</i> (B)		Present	
	7/29/2004	9:20	Surfc	<i>Chattonella subsalsa</i> (T)		Present	
	7/29/2004	9:20	Surfc	<i>Gyrodinium instriatum</i> (B)		Common	0.12
	7/29/2004	9:20	Surfc	<i>Kryptoperidinium foliaceum-2</i> (B)		Present	
	7/29/2004	9:20	Surfc	<i>Scrippsiella sp.</i> (B)		Common	0.10
	8/2/2004	10:50	Surfc	<i>Akashiwo sanguineum</i> (B)		Present	
	8/2/2004	10:50	Surfc	<i>Chattonella subsalsa</i> (T)		Present	
	8/2/2004	10:50	Surfc	<i>Gyrodinium instriatum</i> (B)		Common	0.52
	8/2/2004	10:50	Surfc	<i>Kryptoperidinium foliaceum-2</i> (B)		Present	
	8/2/2004	10:50	Surfc	<i>Protoberidinium quinquecorne</i> (B)		Common	
	8/2/2004	10:50	Surfc	<i>Scrippsiella sp.</i> (B)		Common	0.52
IR60: Rt 26 at Lord Baltimore School							
	7/27/2004	9:41	Surfc		No HABs found		

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Indian River							
<u>White Creek</u>							
WC15: White Creek - west prong near Food Lion							
	7/27/2004	9:49	Surfc		No HABs found		
Lewes - Rehoboth Canal							
RB02: Lewes - Rehoboth Canal at Lewes							
	7/26/2004	8:15	Surfc	<i>Heterocapsa rotundata (B)</i>		Present	
	7/26/2004	8:15	Surfc	<i>Prorocentrum gracile (B)</i>		Present	
	7/26/2004	8:15	Surfc	<i>Prorocentrum minimum (T)</i>		Present	
Little Assawoman Bay							
LA15B: Red channel marker #12							
	8/2/2004	13:41	Surfc	<i>"Gymnodinioid" sp. (S)</i>	10-15 um Grn	Present	
	8/2/2004	13:41	Surfc	<i>"Gymnodinioid" sp. (S)</i>	15-25 um Grn	Common	
	8/2/2004	13:41	Surfc	<i>Chattonella cf. verruculosa (T)</i>		Present	
	8/2/2004	13:41	Surfc	<i>Heterocapsa rotundata (B)</i>		Common	
	8/2/2004	13:41	Surfc	<i>Prorocentrum minimum (T)</i>		Present	
LA35B: Red Channel marker #28, across from Miller Creek							
	8/2/2004	13:25	Surfc	<i>"Gymnodinioid" sp. (S)</i>	10-15 um Grn	Present	
	8/2/2004	13:25	Surfc	<i>"Gymnodinioid" sp. (S)</i>	15-25 um Grn	Common	
	8/2/2004	13:25	Surfc	<i>Chattonella cf. verruculosa (T)</i>		Present	
	8/2/2004	13:25	Surfc	<i>Heterocapsa rotundata (B)</i>		Present	
	8/2/2004	13:25	Surfc	<i>Heterosigma akashiwo. (T)</i>		Present	
LA42B: Narrows, South of state beach at point							
	8/2/2004	13:33	Surfc	<i>"Gymnodinioid" sp. (S)</i>	15-25 um Grn	Present	
	8/2/2004	13:33	Surfc	<i>Akashiwo sanguineum (B)</i>		Present	
	8/2/2004	13:33	Surfc	<i>Chattonella cf. verruculosa (T)</i>		Present	
LA-8: Fenwick Dock @ Harpoon Hannah's							
	7/27/2004	10:30	Surfc	<i>"Gymnodinioid" sp. (S)</i>	15-25 um Grn	Present	
	7/27/2004	10:30	Surfc	<i>Chattonella cf. verruculosa (T)</i>		Present	
	7/27/2004	10:30	Surfc	<i>Heterocapsa rotundata (B)</i>		Present	
<u>Dirickson Creek</u>							
LA03: Mulberry Landing							
	8/4/2004	8:35	Surfc	<i>"Gymnodinioid" sp. (S)</i>	15-25 um Grn	Common	0.10
	8/4/2004	8:35	Surfc	<i>Heterocapsa rotundata (B)</i>		Present	
	8/4/2004	8:35	Surfc	<i>Heterosigma akashiwo. (T)</i>		Present	
LA09: Dirickson Creek at Road 381 bridge.							
	8/2/2004	10:20	Surfc		No HABs found		
LA20: Swann Keys: boat ramp at S end of Blue Teal Rd							
	7/26/2004	9:08	Surfc	<i>"Gymnodinioid" sp. (S)</i>	15-25 um Grn	Common	0.20
	7/26/2004	9:08	Surfc	<i>Gyrodinium instriatum (B)</i>		Present	
	7/26/2004	9:08	Surfc	<i>Heterocapsa rotundata (B)</i>		Present	
	7/26/2004	9:08	Surfc	<i>Kryptoperidinium foliaceum-2 (B)</i>		Present	
LA22B: Dirickson Creek upper section between Williams Creek and the LA09, mid channel near duck blind.							
	8/2/2004	13:54	Surfc	<i>"Gymnodinioid" sp. (S)</i>	10-15 um Grn	Present	
	8/2/2004	13:54	Surfc	<i>Heterocapsa rotundata (B)</i>		Present	

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Little Assawoman Bay

Jefferson Creek

SB10W: SB: Russell Canal west dead end

7/26/2004	8:45	Surfc		"Gymnodinioid" sp. (S)	15-25 um Grn	Present	
7/26/2004	8:45	Surfc		Heterocapsa rotundata (B)		Present	
7/26/2004	8:45	Surfc		Protoperidinium quinquecorne (B)		Present	
7/26/2004	10:00	.2 m		"Gymnodinioid" sp. (S)	15-25 um Grn	Present	
7/26/2004	10:00	.2 m		Akashiwo sanguineum (B)		Present	
7/26/2004	10:00	.2 m		Chattonella subsalsa (T)		Present	
7/26/2004	10:00	.2 m		Gyrodinium instriatum (B)		Present	
7/26/2004	10:00	.2 m		Kryptoperidinium foliaceum-2 (B)		Present	
7/26/2004	10:00	.2 m		Prorocentrum lima (T)		Present	
7/26/2004	10:00	.2 m		Prorocentrum minimum (T)		Present	
7/26/2004	10:00	.2 m		Scrippsiella sp. (B)		Present	
7/26/2004	10:05	.6 m		"Gymnodinioid" sp. (S)	15-25 um Grn	Present	
7/26/2004	10:05	.6 m		Chattonella cf. verruculosa (T)		Common	0.10
7/26/2004	10:05	.6 m		Chattonella subsalsa (T)		Present	
7/26/2004	10:05	.6 m		Heterocapsa rotundata (B)		Present	
7/26/2004	10:05	.6 m		Heterosigma akashiwo. (T)		Present	

Miller Creek

LA31: Double Bridges road bridge at Plantation Park

7/26/2004	9:35	Surfc		"Gymnodinioid" sp. (S)	15-25 um Grn	Present	
7/26/2004	9:35	Surfc		Gyrodinium instriatum (B)		Present	
7/26/2004	9:35	Surfc		Kryptoperidinium foliaceum-2 (B)		Common	0.13

LA33B: Camp Barnes dock - by boat

8/2/2004	14:16	Surfc		Heterosigma akashiwo. (T)		Abundant	22.00
8/2/2004	14:16	Surfc		Kryptoperidinium foliaceum-2 (B)		Common	

LA36: Sassafras Landing

8/4/2004	13:00	Surfc		"Gymnodinioid" sp. (S)	15-25 um Grn	Present	
8/4/2004	13:00	Surfc		Heterosigma akashiwo. (T)		Very Abundant	101.00

Williams Creek

LA21: Williams Creek tributary, bridge on Rd 364a

7/26/2004	9:22	Surfc		"Gymnodinioid" sp. (S)	15-25 um Grn	Present	
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Rehoboth Bay

ML: Massey's Landing

8/2/2004	10:00	Surfc		Chaetoceros sp. (T)		Present	
8/2/2004	10:00	Surfc		Heterocapsa rotundata (B)		Present	
8/2/2004	10:00	Surfc		Prorocentrum gracile (B)		Present	

RB07: West Bay Park

8/3/2004	11:10	Surfc		"Gymnodinioid" sp. (S)	15-25 um Grn	Present	
8/3/2004	11:10	Surfc		Akashiwo sanguineum (B)		Present	
8/3/2004	11:10	Surfc		Heterocapsa rotundata (B)		Present	
8/3/2004	11:10	Surfc		Prorocentrum gracile (B)		Present	
8/3/2004	11:10	Surfc		Prorocentrum minimum (T)		Present	

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Rehoboth Bay							
RB07: West Bay Park							
	8/3/2004	11:10	Surfc	<i>Protoperidinium quinquecorne (B)</i>		Present	
Bald Eagle Creek							
RB46: Torquay Canal at East bulkhead on Land's End.							
	7/28/2004	15:05	Surfc	<i>"Gymnodinioid" sp. (S)</i>	15-25 um Grn	Many	4.50
	7/28/2004	15:05	Surfc	<i>Chattonella cf. verruculosa (T)</i>		Present	
	7/28/2004	15:05	Surfc	<i>Chattonella subsalsa (T)</i>		Abundant	17.01
	7/28/2004	15:05	Surfc	<i>Heterocapsa rotundata (B)</i>		Common	
	7/28/2004	15:05	Surfc	<i>Heterosigma akashiwo. (T)</i>		Present	
	7/28/2004	15:05	Surfc	<i>Prorocentrum gracile (B)</i>		Common	0.40
	7/28/2004	15:05	Surfc	<i>Prorocentrum minimum (T)</i>		Many	6.30
	7/28/2004	15:05	Surfc	<i>Scrippsiella sp. (B)</i>		Common	
RB46B: Torquay Canal by boat							
	7/22/2004	12:00	0.2m	<i>"Gymnodinioid" sp. (S)</i>	15-25 um Grn	Common	0.69
	7/22/2004	12:00	0.2m	<i>Akashiwo sanguineum (B)</i>		Present	
	7/22/2004	12:00	0.2m	<i>Chattonella cf. verruculosa (T)</i>		Present	
	7/22/2004	12:00	0.2m	<i>Chattonella subsalsa (T)</i>		Common	0.21
	7/22/2004	12:00	0.2m	<i>Gyrodinium instriatum (B)</i>		Common	0.10
	7/22/2004	12:00	0.2m	<i>Heterocapsa rotundata (B)</i>		Present	
	7/22/2004	12:00	0.2m	<i>Heterosigma akashiwo. (T)</i>		Present	
	7/22/2004	12:00	0.2m	<i>Prorocentrum gracile (B)</i>		Present	
	7/22/2004	12:00	0.2m	<i>Prorocentrum minimum (T)</i>		Present	
	7/22/2004	12:00	0.2m	<i>Scrippsiella sp. (B)</i>		Present	
	7/22/2004	12:05	3.0m	<i>"Gymnodinioid" sp. (S)</i>	15-25 um Grn	Common	0.10
	7/22/2004	12:05	3.0m	<i>Chattonella cf. verruculosa (T)</i>		Common	0.27
	7/22/2004	12:05	3.0m	<i>Chattonella subsalsa (T)</i>		Present	
	7/22/2004	12:05	3.0m	<i>Gyrodinium instriatum (B)</i>		Present	
	7/22/2004	12:05	3.0m	<i>Heterocapsa rotundata (B)</i>		Present	
	7/22/2004	12:05	3.0m	<i>Heterosigma akashiwo. (T)</i>		Present	
	7/22/2004	12:10	4.5m	<i>Chattonella cf. verruculosa (T)</i>		Common	0.34
	7/22/2004	12:10	4.5m	<i>Chattonella subsalsa (T)</i>		Common	0.10
	7/22/2004	12:10	4.5m	<i>Heterosigma akashiwo. (T)</i>		Present	
RB47: Bald Eagle Creek							
	7/28/2004	14:50	Surfc	<i>"Gymnodinioid" sp. (S)</i>	15-25 um Grn	Common	
	7/28/2004	14:50	Surfc	<i>Akashiwo sanguineum (B)</i>		Present	
	7/28/2004	14:50	Surfc	<i>Chattonella cf. verruculosa (T)</i>		Present	0.03
	7/28/2004	14:50	Surfc	<i>Chattonella subsalsa (T)</i>		Common	0.30
	7/28/2004	14:50	Surfc	<i>Gyrodinium instriatum (B)</i>		Present	
	7/28/2004	14:50	Surfc	<i>Heterocapsa rotundata (B)</i>		Common	
	7/28/2004	14:50	Surfc	<i>Heterosigma akashiwo. (T)</i>		Present	
	7/28/2004	14:50	Surfc	<i>Prorocentrum gracile (B)</i>		Present	
	7/28/2004	14:50	Surfc	<i>Prorocentrum minimum (T)</i>		Common	0.55
	7/28/2004	14:50	Surfc	<i>Protoperidinium quinquecorne (B)</i>		Present	
	7/28/2004	14:50	Surfc	<i>Scrippsiella sp. (B)</i>		Present	

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Delaware Inland Bays Citizen Monitoring Program

Water Body Tributary Site	Date	Time	Smpl Dpth	Name	Comment if ID uncertain	Abundance	MCL
Rehoboth Bay							
<u>Bald Eagle Creek</u>							
RB47B: Bald Eagle Creek - by boat							
	7/22/2004	11:00	0.2m	"Gymnodinioid" sp. (S)	15-25 um Grn	Common	0.50
	7/22/2004	11:00	0.2m	Chaetoceros sp. (T)		Present	
	7/22/2004	11:00	0.2m	Chattonella cf. verruculosa (T)		Many	2.22
	7/22/2004	11:00	0.2m	Chattonella subsalsa (T)		Common	0.19
	7/22/2004	11:00	0.2m	Gyrodinium instriatum (B)		Present	
	7/22/2004	11:00	0.2m	Heterocapsa rotundata (B)		Present	
	7/22/2004	11:00	0.2m	Heterosigma akashiwo. (T)		Present	
	7/22/2004	11:00	0.2m	Prorocentrum gracile (B)		Present	
	7/22/2004	11:00	0.2m	Prorocentrum minimum (T)		Present	
	7/22/2004	11:05	3.0m	Chattonella cf. verruculosa (T)		Present	
	7/22/2004	11:05	3.0m	Gyrodinium instriatum (B)		Present	
	7/22/2004	11:05	3.0m	Prorocentrum minimum (T)		Present	
	7/22/2004	11:10	4.5m	Chattonella cf. verruculosa (T)		Common	0.10
	7/22/2004	11:10	4.5m	Chattonella subsalsa (T)		Present	
	7/22/2004	11:10	4.5m	Heterosigma akashiwo. (T)		Present	
<u>Guinea Creek</u>							
RB05: Mouth of Guinea Creek (Pot Nets Creekside)							
	8/2/2004	11:52	Surfc	"Gymnodinioid" sp. (S)	15-25 um Grn	Present	
	8/2/2004	11:52	Surfc	Akashiwo sanguineum (B)		Present	
	8/2/2004	11:52	Surfc	Chaetoceros sp. (T)		Present	
	8/2/2004	11:52	Surfc	Kryptoperidinium foliaceum-2 (B)		Present	
RB06: Guinea Creek (Winding Creek Village)							
	8/2/2004	12:25	Surfc	"Gymnodinioid" sp. (S)	15-25 um Grn	Common	
	8/2/2004	12:25	Surfc	(Unknown) sp. (B)	10-15 um Grn trdrp	Abundant	77.18
	8/2/2004	12:25	Surfc	Protopteridinium quinquecorne (B)		Present	
RB06A: Guinea Creek @ Rd 298 Bridge							
	8/2/2004	12:16	Surfc	"Gymnodinioid" sp. (S)	15-25 um Grn	Present	
RB56: Leisure Point							
	7/23/2004	8:30	Surfc	"Gymnodinioid" sp. (S)	15-25 um Grn	Present	
	7/23/2004	8:30	Surfc	(Unknown) sp. (B)	10-15 um Grn trdrp	Abundant	24.75
	7/23/2004	8:30	Surfc	Gyrodinium uncatenum (B)		Present	
RB60: Community Dock at Creek's End							
	7/26/2004	12:00	Surfc	"Gymnodinioid" sp. (S)	15-25 um Grn	Common	
	7/26/2004	12:00	Surfc	(Unknown) sp. (B)	10-15 um Grn trdrp	Abundant	74.83
	7/26/2004	12:00	Surfc	Akashiwo sanguineum (B)		Present	
	7/26/2004	12:00	Surfc	Chaetoceros sp. (T)		Present	
	7/26/2004	12:00	Surfc	Gyrodinium instriatum (B)		Present	
	7/26/2004	12:00	Surfc	Heterocapsa rotundata (B)		Present	
	7/26/2004	12:00	Surfc	Protopteridinium quinquecorne (B)		Present	
	8/3/2004	10:15	Surfc	"Gymnodinioid" sp. (S)	15-25 um Grn	Present	
	8/3/2004	10:15	Surfc	Heterocapsa rotundata (B)		Present	
	8/3/2004	10:15	Surfc	Heterosigma akashiwo. (T)		Present	

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Delaware Inland Bays Citizen Monitoring Program

Water Body Tributary Site	Date	Time	Smpl Dpth	Name	Comment if ID uncertain	Abundance	MCL
Rehoboth Bay							
<u>Guinea Creek</u>							
RB60: Community Dock at Creek's End	8/3/2004	10:15	Surfc	<i>Protoperidinium quinquecorne</i> (B)		Present	
<u>Herring Creek</u>							
RB04: Herring Creek, Mid-Section	8/2/2004	11:45	Surfc	<i>"Gymnodinioid" sp.</i> (S)	15-25 um Grn	Common	
	8/2/2004	11:45	Surfc	<i>(Unknown) sp.</i> (B)	10-15 um Grn trdrp	Abundant	13.50
	8/2/2004	11:45	Surfc	<i>Akashiwo sanguineum</i> (B)		Present	
	8/2/2004	11:45	Surfc	<i>Heterocapsa rotundata</i> (B)		Present	
	8/2/2004	11:45	Surfc	<i>Prorocentrum minimum</i> (T)		Present	
	8/2/2004	11:45	Surfc	<i>Scrippsiella sp.</i> (B)		Present	
RB40: Burton Prong	8/2/2004	17:30	Surfc	<i>(Unknown) sp.</i> (B)	10-15 um Grn trdrp	Abundant	31.50
<u>Love Creek</u>							
RB34: Love Creek at Rt 24 Bridge	8/2/2004	12:52	Surfc	<i>Akashiwo sanguineum</i> (B)		Present	
	8/2/2004	12:52	Surfc	<i>Chattonella cf. verruculosa</i> (T)		Common	0.32
	8/2/2004	12:52	Surfc	<i>Gyrodinium instriatum</i> (B)		Many	1.98
	8/2/2004	12:52	Surfc	<i>Heterocapsa rotundata</i> (B)		Present	
	8/2/2004	12:52	Surfc	<i>Prorocentrum gracile</i> (B)		Present	
	8/2/2004	12:52	Surfc	<i>Protoperidinium quinquecorne</i> (B)		Present	
RLC1W: shellfish site, mouth of Love Creek.	7/23/2004	14:00	Surfc	<i>"Gymnodinioid" sp.</i> (S)	15-25 um Grn	Present	
	7/23/2004	14:00	Surfc	<i>Prorocentrum gracile</i> (B)		Present	
	7/30/2004	11:55	Surfc	<i>"Gymnodinioid" sp.</i> (S)	15-25 um Grn	Present	
	7/30/2004	11:55	Surfc	<i>Akashiwo sanguineum</i> (B)		Present	
	7/30/2004	11:55	Surfc	<i>Chaetoceros sp.</i> (T)		Present	
	7/30/2004	11:55	Surfc	<i>Gyrodinium instriatum</i> (B)		Present	
	7/30/2004	11:55	Surfc	<i>Heterocapsa rotundata</i> (B)		Present	
	7/30/2004	11:55	Surfc	<i>Protoperidinium quinquecorne</i> (B)		Present	
RLC2S: DNREC site, upper Love Creek	7/23/2004	13:00	Surfc	<i>Chattonella cf. verruculosa</i> (T)		Common	0.13
	7/23/2004	13:00	Surfc	<i>Gyrodinium instriatum</i> (B)		Many	2.25
	7/30/2004	12:03	Surfc	<i>Chaetoceros sp.</i> (T)		Present	
	7/30/2004	12:03	Surfc	<i>Chattonella cf. verruculosa</i> (T)		Common	0.14
	7/30/2004	12:03	Surfc	<i>Gyrodinium instriatum</i> (B)		Many	2.32
	7/30/2004	12:03	Surfc	<i>Kryptoperidinium foliaceum-2</i> (B)		Present	
	7/30/2004	12:03	Surfc	<i>Protoperidinium quinquecorne</i> (B)		Present	

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