

Harmful Algae Report

All data from 7/8/2004

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							
	7/19/2004	9:50	Surfc	<i>"Gymnodinioid" sp. (S)</i>	15-25 um Grn	Present	
	7/19/2004	9:50	Surfc	<i>Chattonella subsalsa (T)</i>		Present	
	7/19/2004	9:50	Surfc	<i>Heterocapsa rotundata (B)</i>		Present	
BA02: Keenwick Sound, entrance to canal system							
	7/19/2004	9:35	Surfc	<i>"Gymnodinioid" sp. (S)</i>	15-25 um Grn	Common	0.10
	7/19/2004	9:35	Surfc	<i>Heterosigma akashiwo. (T)</i>		Common	0.25
	7/19/2004	9:35	Surfc	<i>Kryptoperidinium foliaceum-2 (B)</i>		Present	
Assawoman Canal							
IR50: Assawoman Canal at N end, marina dock							
	7/17/2004	12:10	Surfc	<i>"Gymnodinioid" sp. (S)</i>	10-15 um Grn	Present	
	7/17/2004	12:10	Surfc	<i>Akashiwo sanguineum (B)</i>		Present	
	7/17/2004	12:10	Surfc	<i>Chattonella cf. verruculosa (T)</i>		Present	
	7/17/2004	12:10	Surfc	<i>Heterocapsa rotundata (B)</i>		Present	
	7/17/2004	12:10	Surfc	<i>Protopeiridium quinquecorne (B)</i>		Present	
	7/17/2004	12:10	Surfc	<i>Scrippsiella sp. (B)</i>		Present	
LA10: BB: Assawoman Canal @ Kent Ave Bridge							
	7/12/2004	8:05	Surfc	<i>"Gymnodinioid" sp. (S)</i>	15-25 um Grn	Present	
	7/12/2004	8:05	Surfc	<i>"Gymnodinioid" sp. (S)</i>	10-15 um Grn	Present	
	7/12/2004	8:05	Surfc	<i>Chattonella cf. verruculosa (T)</i>		Present	
	7/12/2004	8:05	Surfc	<i>Gyrodinium instriatum (B)</i>		Present	
	7/12/2004	8:05	Surfc	<i>Heterocapsa rotundata (B)</i>		Present	
	7/12/2004	8:05	Surfc	<i>Heterosigma akashiwo. (T)</i>		Present	
	7/12/2004	8:05	Surfc	<i>Kryptoperidinium foliaceum-2 (B)</i>		Present	
<u>Bethany Loop Canal</u>							
IR62: Loop Canal, Pa Ave terminus, Bethany Beach							
	7/12/2004	8:50	Surfc	<i>"Gymnodinioid" sp. (S)</i>	15-25 um Grn	Present	
	7/12/2004	8:50	Surfc	<i>Chattonella cf. verruculosa (T)</i>		Present	
	7/12/2004	8:50	Surfc	<i>Chattonella subsalsa (T)</i>		Present	
	7/12/2004	8:50	Surfc	<i>Fibrocapsa japonica (T)</i>		Present	
	7/12/2004	8:50	Surfc	<i>Gyrodinium instriatum (B)</i>		Common	0.29
	7/12/2004	8:50	Surfc	<i>Heterocapsa rotundata (B)</i>		Present	
	7/12/2004	8:50	Surfc	<i>Heterosigma akashiwo. (T)</i>		Present	
	7/12/2004	8:50	Surfc	<i>Kryptoperidinium foliaceum-2 (B)</i>		Many	4.08
	7/12/2004	8:50	Surfc	<i>Protopeiridium quinquecorne (B)</i>		Present	
	7/12/2004	8:50	Surfc	<i>Scrippsiella sp. (B)</i>		Present	
	7/18/2004	11:51	Surfc	<i>Gyrodinium instriatum (B)</i>		Common	0.65
	7/18/2004	11:51	Surfc	<i>Heterosigma akashiwo. (T)</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

Water Body Tributary Site	Date	Time	Smpl Dpth	Name	Comment if ID uncertain	Abundance	MCL
Assawoman Canal							
<u>Bethany Loop Canal</u>							
IR62: Loop Canal, Pa Ave terminus, Bethany Beach							
	7/18/2004	11:51	Surfc	<i>Kryptoperidinium foliaceum-2 (B)</i>		Many	5.40
	7/18/2004	11:51	Surfc	<i>Protopteridinium quinquecorne (B)</i>		Present	
Indian River							
IR04: Warwick Cove							
	7/19/2004	9:52	Surfc	<i>Akashiwo sanguineum (B)</i>		Present	
	7/19/2004	9:52	Surfc	<i>Protopteridinium quinquecorne (B)</i>		Present	
IR07: Holt's Landing State Park							
	7/12/2004	9:41	Surfc	" <i>Gymnodinioid</i> " sp. (S)	15-25 um Grn	Present	
	7/12/2004	9:41	Surfc	<i>Heterocapsa rotundata (B)</i>		Present	
	7/12/2004	9:41	Surfc	<i>Heterosigma akashiwo. (T)</i>		Present	
	7/12/2004	9:41	Surfc	<i>Protopteridinium quinquecorne (B)</i>		Present	
	7/12/2004	9:41	Surfc	<i>Scrippsiella sp. (B)</i>		Common	0.11
IR11: Big Ditch Point							
	7/19/2004	7:15	Surfc	" <i>Gymnodinioid</i> " sp. (S)	15-25 um Grn	Present	
	7/19/2004	7:15	Surfc	<i>Kryptoperidinium foliaceum-2 (B)</i>		Present	
IR20: Bay Colony							
	7/19/2004	8:05	Surfc		No HABs found		
IR5S: DNREC site, Upper Indian River							
	7/8/2004	14:00	Surfc	" <i>Gymnodinioid</i> " sp. (S)	15-25 um Grn	Common	0.15
	7/8/2004	14:00	Surfc	<i>Gyrodinium instriatum (B)</i>		Present	
	7/8/2004	14:00	Surfc	<i>Heterocapsa rotundata (B)</i>		Common	0.13
	7/8/2004	14:00	Surfc	<i>Heterosigma akashiwo. (T)</i>		Common	0.17
	7/8/2004	14:00	Surfc	<i>Kryptoperidinium foliaceum-2 (B)</i>		Present	
	7/16/2004	12:40	Surfc	" <i>Gymnodinioid</i> " sp. (S)	15-25 um Grn	Common	0.14
	7/16/2004	12:40	Surfc	<i>Gyrodinium instriatum (B)</i>		Present	
	7/16/2004	12:40	Surfc	<i>Heterocapsa rotundata (B)</i>		Present	
IRB5W: shellfish site, upper Indian River Bay							
	7/8/2004	14:34	Surfc	<i>Akashiwo sanguineum (B)</i>		Present	
	7/8/2004	14:34	Surfc	<i>Heterocapsa rotundata (B)</i>		Present	
	7/8/2004	14:34	Surfc	<i>Prorocentrum gracile (B)</i>		Present	
	7/16/2004	12:12	Surfc	" <i>Gymnodinioid</i> " sp. (S)	15-25 um Grn	Common	
	7/16/2004	12:12	Surfc	<i>Akashiwo sanguineum (B)</i>		Present	
	7/16/2004	12:12	Surfc	<i>Chaetoceros sp. (T)</i>		Present	
	7/16/2004	12:12	Surfc	<i>Heterocapsa rotundata (B)</i>		Common	0.10
<u>Pepper Creek</u>							
IP2S: DNREC site, upper Pepper Creek							
	7/8/2004	15:00	Surfc	" <i>Gymnodinioid</i> " sp. (S)	15-25 um Grn	Common	0.35
	7/8/2004	15:00	Surfc	<i>Chattonella cf. verruculosa (T)</i>		Common	0.94
	7/8/2004	15:00	Surfc	<i>Gyrodinium instriatum (B)</i>		Common	0.60
	7/8/2004	15:00	Surfc	<i>Heterosigma akashiwo. (T)</i>		Present	
	7/8/2004	15:00	Surfc	<i>Kryptoperidinium foliaceum-2 (B)</i>		Present	0.04
	7/8/2004	15:00	Surfc	<i>Prorocentrum minimum (T)</i>		Present	

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Indian River							
<u>Pepper Creek</u>							
IP2S: DNREC site, upper Pepper Creek							
	7/16/2004	11:30	Surfc	"Gymnodinioid" sp. (S)	15-25 um Grn	Many	1.32
	7/16/2004	11:30	Surfc	<i>Gyrodinium instriatum</i> (B)		Present	
	7/16/2004	11:30	Surfc	<i>Heterocapsa rotundata</i> (B)		Common	0.11
	7/16/2004	11:30	Surfc	<i>Heterosigma akashiwo</i> . (T)		Present	
	7/16/2004	11:30	Surfc	<i>Kryptoperidinium foliaceum-2</i> (B)		Present	
	7/16/2004	11:30	Surfc	<i>Prorocentrum minimum</i> (T)		Present	
	7/16/2004	11:30	Surfc	<i>Scrippsiella</i> sp. (B)		Present	
<u>White Creek</u>							
IR32: Holly Terrace Acres							
	7/12/2004	9:10	Surfc	"Gymnodinioid" sp. (S)	15-25 um Grn	Common	0.13
	7/12/2004	9:10	Surfc	<i>Chattonella cf. verruculosa</i> (T)		Common	0.10
	7/12/2004	9:10	Surfc	<i>Gyrodinium instriatum</i> (B)		Present	
	7/12/2004	9:10	Surfc	<i>Heterocapsa rotundata</i> (B)		Present	
	7/12/2004	9:10	Surfc	<i>Heterosigma akashiwo</i> . (T)		Present	
	7/12/2004	9:10	Surfc	<i>Prorocentrum minimum</i> (T)		Present	
	7/12/2004	9:10	Surfc	<i>Protoperidinium quinquecorne</i> (B)		Present	
	7/12/2004	9:10	Surfc	<i>Scrippsiella</i> sp. (B)		Common	0.10
	7/12/2004	9:20	Surfc	"Gymnodinioid" sp. (S)	15-25 um Grn	Common	0.25
	7/12/2004	9:20	Surfc	"Gymnodinioid" sp. (S)	10-15 um Grn	Present	
	7/12/2004	9:20	Surfc	<i>Chattonella cf. verruculosa</i> (T)		Common	0.30
	7/12/2004	9:20	Surfc	<i>Chattonella subsalsa</i> (T)		Present	
	7/12/2004	9:20	Surfc	<i>Gyrodinium instriatum</i> (B)		Common	0.10
	7/12/2004	9:20	Surfc	<i>Heterocapsa rotundata</i> (B)		Common	0.10
	7/12/2004	9:20	Surfc	<i>Heterosigma akashiwo</i> . (T)		Present	0.08
	7/12/2004	9:20	Surfc	<i>Kryptoperidinium foliaceum-2</i> (B)		Present	
	7/12/2004	9:20	Surfc	<i>Prorocentrum minimum</i> (T)		Present	0.05
	7/12/2004	9:20	Surfc	<i>Protoperidinium quinquecorne</i> (B)		Common	0.22
	7/12/2004	9:20	Surfc	<i>Scrippsiella</i> sp. (B)		Common	0.10
	7/13/2004	10:30	0.2 m	<i>Heterocapsa rotundata</i> (B)		Present	
	7/13/2004	10:30	0.2 m	<i>Protoperidinium quinquecorne</i> (B)		Present	
	7/13/2004	10:30	0.2 m	<i>Scrippsiella</i> sp. (B)		Common	
	7/13/2004	10:40	0.6 m	"Gymnodinioid" sp. (S)	15-25 um Grn	Present	
	7/13/2004	10:40	0.6 m	<i>Amphidinium</i> sp. (T)		Present	
	7/13/2004	10:40	0.6 m	<i>Chattonella cf. verruculosa</i> (T)		Present	
	7/13/2004	10:40	0.6 m	<i>Chattonella subsalsa</i> (T)		Present	
	7/13/2004	10:40	0.6 m	<i>Gyrodinium instriatum</i> (B)		Present	
	7/13/2004	10:40	0.6 m	<i>Kryptoperidinium foliaceum-2</i> (B)		Present	
	7/13/2004	10:40	0.6 m	<i>Prorocentrum minimum</i> (T)		Present	
	7/13/2004	10:40	0.6 m	<i>Protoperidinium quinquecorne</i> (B)		Present	
	7/13/2004	10:40	0.6 m	<i>Scrippsiella</i> sp. (B)		Common	
	7/15/2004	10:30	0.2 m	"Gymnodinioid" sp. (S)	15-25 um Grn	Present	

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Indian River							
<u>White Creek</u>							
IR32: Holly Terrace Acres							
	7/15/2004	10:30	0.2 m	<i>Chattonella cf. verruculosa (T)</i>		Common	0.79
	7/15/2004	10:30	0.2 m	<i>Chattonella subsalsa (T)</i>		Present	
	7/15/2004	10:30	0.2 m	<i>Gyrodinium instriatum (B)</i>		Present	
	7/15/2004	10:30	0.2 m	<i>Heterocapsa rotundata (B)</i>		Present	
	7/15/2004	10:30	0.2 m	<i>Heterosigma akashiwo. (T)</i>		Present	
	7/15/2004	10:30	0.2 m	<i>Protoperidinium quinquecorne (B)</i>		Common	0.36
	7/15/2004	10:30	0.2 m	<i>Scrippsiella sp. (B)</i>		Present	
	7/15/2004	10:40	0.6 m	<i>"Gymnodinioid" sp. (S)</i>	15-25 um Grn	Present	
	7/15/2004	10:40	0.6 m	<i>Chattonella cf. verruculosa (T)</i>		Common	0.38
	7/15/2004	10:40	0.6 m	<i>Chattonella subsalsa (T)</i>		Present	
	7/15/2004	10:40	0.6 m	<i>Gyrodinium instriatum (B)</i>		Present	
	7/15/2004	10:40	0.6 m	<i>Heterosigma akashiwo. (T)</i>		Present	
	7/15/2004	10:40	0.6 m	<i>Prorocentrum minimum (T)</i>		Present	
	7/15/2004	10:40	0.6 m	<i>Protoperidinium quinquecorne (B)</i>		Common	
	7/15/2004	10:40	0.6 m	<i>Scrippsiella sp. (B)</i>		Present	
	7/19/2004	11:10	Surfc	<i>Protoperidinium quinquecorne (B)</i>		Present	
	7/20/2004	9:00	0.2 m	<i>"Gymnodinioid" sp. (S)</i>	15-25 um Grn	Present	
	7/20/2004	9:00	0.2 m	<i>Chattonella subsalsa (T)</i>		Present	
	7/20/2004	9:00	0.2 m	<i>Gyrodinium instriatum (B)</i>		Present	
	7/20/2004	9:00	0.2 m	<i>Prorocentrum sp. (T)</i>		Present	
	7/20/2004	9:00	0.2 m	<i>Protoperidinium quinquecorne (B)</i>		Present	
	7/20/2004	9:00	0.2 m	<i>Scrippsiella sp. (B)</i>		Common	
	7/20/2004	9:10	0.6 m	<i>Chattonella subsalsa (T)</i>		Many	1.23
	7/20/2004	9:10	0.6 m	<i>Gyrodinium instriatum (B)</i>		Present	
	7/20/2004	9:10	0.6 m	<i>Kryptoperidinium foliaceum-2 (B)</i>		Present	
	7/20/2004	9:10	0.6 m	<i>Protoperidinium quinquecorne (B)</i>		Present	
	7/20/2004	9:10	0.6 m	<i>Scrippsiella sp. (B)</i>		Present	
WC15: White Creek - west prong near Food Lion							
	7/12/2004	9:12	Surfc	<i>Chattonella cf. verruculosa (T)</i>		Common	0.72
	7/12/2004	9:12	Surfc	<i>Chattonella subsalsa (T)</i>		Present	
	7/12/2004	9:12	Surfc	<i>Fibrocapsa japonica (T)</i>		Common	0.13
	7/12/2004	9:12	Surfc	<i>Gyrodinium instriatum (B)</i>		Present	
	7/12/2004	9:12	Surfc	<i>Protoperidinium quinquecorne (B)</i>		Present	
	7/12/2004	9:12	Surfc	<i>Scrippsiella sp. (B)</i>		Present	
Lewes - Rehoboth Canal							
RB02: Lewes - Rehoboth Canal at Lewes							
	7/13/2004	8:35	Surfc	<i>Heterosigma akashiwo. (T)</i>		Present	
	7/13/2004	8:35	Surfc	<i>Prorocentrum gracile (B)</i>		Present	
	7/20/2004	8:40	Surfc	<i>"Gymnodinioid" sp. (S)</i>	15-25 um Grn	Present	
	7/20/2004	8:40	Surfc	<i>Chaetoceros sp. (T)</i>		Common	0.10
	7/20/2004	8:40	Surfc	<i>Heterocapsa rotundata (B)</i>		Present	
	7/20/2004	8:40	Surfc	<i>Prorocentrum gracile (B)</i>		Present	

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Water Body Tributary Site	Date	Time	Smpl Dpth	Name	Comment if ID uncertain	Abundance	MCL
Little Assawoman Bay							
LA15B: Red channel marker #12							
	7/19/2004	8:58	Surfc	"Gymnodinioid" sp. (S)	15-25 um Grn	Common	0.13
	7/19/2004	8:58	Surfc	"Gymnodinioid" sp. (S)	10-15 um Grn	Present	
	7/19/2004	8:58	Surfc	<i>Heterocapsa rotundata</i> (B)		Present	
	7/19/2004	8:58	Surfc	<i>Prorocentrum minimum</i> (T)		Present	
LA35B: Red Channel marker #28, across from Miller Creek							
	7/19/2004	8:44	Surfc	"Gymnodinioid" sp. (S)	15-25 um Grn	Common	0.10
	7/19/2004	8:44	Surfc	<i>Chattonella cf. verruculosa</i> (T)		Present	
	7/19/2004	8:44	Surfc	<i>Chattonella subsalsa</i> (T)		Present	
	7/19/2004	8:44	Surfc	<i>Gyrodinium instriatum</i> (B)		Present	
	7/19/2004	8:44	Surfc	<i>Heterocapsa rotundata</i> (B)		Present	
LA42B: Narrows, South of state beach at point							
	7/19/2004	8:50	Surfc	"Gymnodinioid" sp. (S)	10-15 um Grn	Present	
	7/19/2004	8:50	Surfc	"Gymnodinioid" sp. (S)	15-25 um Grn	Common	0.22
	7/19/2004	8:50	Surfc	<i>Heterocapsa rotundata</i> (B)		Present	
LA-8: Fenwick Dock @ Harpoon Hannah's							
	7/13/2004	10:00	Surfc	"Gymnodinioid" sp. (S)	15-25 um Grn	Present	
	7/13/2004	10:00	Surfc	<i>Chattonella cf. verruculosa</i> (T)		Present	
	7/13/2004	10:00	Surfc	<i>Chattonella subsalsa</i> (T)		Present	
	7/13/2004	10:00	Surfc	<i>Gyrodinium instriatum</i> (B)		Present	
	7/13/2004	10:00	Surfc	<i>Heterocapsa rotundata</i> (B)		Present	
	7/13/2004	10:00	Surfc	<i>Heterosigma akashiwo</i> . (T)		Present	
<u>Dirickson Creek</u>							
LA03: Mulberry Landing							
	7/19/2004	8:55	Surfc	"Gymnodinioid" sp. (S)	15-25 um Grn	Common	0.11
	7/19/2004	8:55	Surfc	<i>Chattonella cf. verruculosa</i> (T)		Present	
	7/19/2004	8:55	Surfc	<i>Heterocapsa rotundata</i> (B)		Present	
LA09: Dirickson Creek at Road 381 bridge.							
	7/19/2004	10:10	Surfc	"Gymnodinioid" sp. (S)	15-25 um Grn	Present	
	7/19/2004	10:10	Surfc	<i>Gyrodinium instriatum</i> (B)		Present	
LA20: Swann Keys: boat ramp at S end of Blue Teal Rd							
	7/17/2004	11:47	Surfc	"Gymnodinioid" sp. (S)	10-15 um Grn	Many	
	7/17/2004	11:47	Surfc	"Gymnodinioid" sp. (S)	15-25 um Grn	Common	
	7/17/2004	11:47	Surfc	<i>Chattonella cf. verruculosa</i> (T)		Present	
	7/17/2004	11:47	Surfc	<i>Chattonella subsalsa</i> (T)		Present	
	7/17/2004	11:47	Surfc	<i>Gyrodinium instriatum</i> (B)		Present	
	7/17/2004	11:47	Surfc	<i>Heterocapsa rotundata</i> (B)		Common	
	7/17/2004	11:47	Surfc	<i>Heterosigma akashiwo</i> . (T)		Present	
	7/17/2004	11:47	Surfc	<i>Kryptoperidinium foliaceum-2</i> (B)		Present	
LA22B: Dirickson Creek upper section between Williams Creek and the LA09, mid channel near duck blind.							
	7/19/2004	9:11	Surfc	<i>Kryptoperidinium foliaceum-2</i> (B)		Present	

Jefferson Creek

JC08B: SB, Jefferson Creek Basin between Assawoman canal extensions, access by boat only.

7/11/2004 2:10 Surfc *Akashiwo sanguineum* (B) Present

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Little Assawoman Bay							
<u>Jefferson Creek</u>							
JC08B: SB, Jefferson Creek Basin between Assawoman canal extensions, access by boat only.							
	7/11/2004	2:10	Surfc	<i>Chattonella cf. verruculosa (T)</i>		Common	0.91
	7/11/2004	2:10	Surfc	<i>Chattonella subsalsa (T)</i>		Common	0.10
	7/11/2004	2:10	Surfc	<i>Gyrodinium instriatum (B)</i>		Present	
	7/11/2004	2:10	Surfc	<i>Heterocapsa rotundata (B)</i>		Present	
	7/11/2004	2:10	Surfc	<i>Protoperidinium quinquecorne (B)</i>		Present	
	7/20/2004	8:28	Surfc	" <i>Gymnodinioid</i> " sp. (S)	15-25 um Grn	Present	
	7/20/2004	8:28	Surfc	<i>Akashiwo sanguineum (B)</i>		Present	
SB03B: Anchorage Canal at elbow							
	7/20/2004	8:40	Surfc	" <i>Gymnodinioid</i> " sp. (S)	15-25 um Grn	Common	0.10
	7/20/2004	8:40	Surfc	<i>Akashiwo sanguineum (B)</i>		Present	
	7/20/2004	8:40	Surfc	<i>Heterosigma akashiwo. (T)</i>		Present	
	7/20/2004	8:40	Surfc	<i>Protoperidinium quinquecorne (B)</i>		Present	
SB10E: SB: Russell Canal east dead end							
	7/11/2004	11:11	Surfc	" <i>Gymnodinioid</i> " sp. (S)	15-25 um Grn	Present	
	7/11/2004	11:11	Surfc	<i>Chattonella cf. verruculosa (T)</i>		Abundant	22.40
	7/11/2004	11:11	Surfc	<i>Chattonella subsalsa (T)</i>		Common	0.91
	7/11/2004	11:11	Surfc	<i>Gyrodinium instriatum (B)</i>		Present	
	7/11/2004	11:11	Surfc	<i>Heterocapsa rotundata (B)</i>		Present	
	7/11/2004	11:11	Surfc	<i>Kryptoperidinium foliaceum-2 (B)</i>		Present	
	7/11/2004	11:11	Surfc	<i>Protoperidinium quinquecorne (B)</i>		Present	
	7/11/2004	11:15	Surfc	" <i>Gymnodinioid</i> " sp. (S)	15-25 um Grn	Present	
	7/11/2004	11:15	Surfc	<i>Chattonella cf. verruculosa (T)</i>		Many	3.00
	7/11/2004	11:15	Surfc	<i>Chattonella subsalsa (T)</i>		Present	
	7/11/2004	11:15	Surfc	<i>Gyrodinium instriatum (B)</i>		Present	
	7/11/2004	11:15	Surfc	<i>Heterocapsa rotundata (B)</i>		Present	
	7/11/2004	11:15	Surfc	<i>Heterosigma akashiwo. (T)</i>		Present	
	7/11/2004	11:15	Surfc	<i>Protoperidinium quinquecorne (B)</i>		Present	
	7/11/2004	13:52	Surfc	<i>Chattonella cf. verruculosa (T)</i>		Very Abundant	111.00
	7/11/2004	13:52	Surfc	<i>Chattonella subsalsa (T)</i>		Many	6.50
	7/11/2004	13:52	Surfc	<i>Gyrodinium instriatum (B)</i>		Present	
	7/11/2004	13:52	Surfc	<i>Heterocapsa rotundata (B)</i>		Common	
	7/11/2004	13:52	Surfc	<i>Kryptoperidinium foliaceum-2 (B)</i>		Present	
	7/11/2004	13:52	Surfc	<i>Protoperidinium quinquecorne (B)</i>		Common	0.10
	7/11/2004	13:55	Surfc	" <i>Gymnodinioid</i> " sp. (S)	10-15 um Grn	Common	
	7/11/2004	13:55	Surfc	<i>Akashiwo sanguineum (B)</i>		Present	
	7/11/2004	13:55	Surfc	<i>Chattonella cf. verruculosa (T)</i>		Very Abundant	151.25
	7/11/2004	13:55	Surfc	<i>Chattonella subsalsa (T)</i>		Abundant	30.70
	7/11/2004	13:55	Surfc	<i>Gyrodinium instriatum (B)</i>		Present	
	7/11/2004	13:55	Surfc	<i>Heterocapsa rotundata (B)</i>		Common	0.10
	7/11/2004	13:55	Surfc	<i>Heterosigma akashiwo. (T)</i>		Common	0.10
	7/11/2004	14:00	30 cm	" <i>Gymnodinioid</i> " sp. (S)	15-25 um Grn	Many	13.20
	7/11/2004	14:00	30 cm	<i>Akashiwo sanguineum (B)</i>		Present	

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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

Water Body Tributary Site	Date	Time	Smpl Dpth	Name	Comment if ID uncertain	Abundance	MCL
Little Assawoman Bay							
<u>Jefferson Creek</u>							
SB10E: SB: Russell Canal east dead end							
	7/11/2004	14:00	30 cm	<i>Chattonella cf. verruculosa (T)</i>		Abundant	25.15
	7/11/2004	14:00	30 cm	<i>Chattonella subsalsa (T)</i>		Many	7.65
	7/11/2004	14:00	30 cm	<i>Gyrodinium instriatum (B)</i>		Present	
	7/11/2004	14:00	30 cm	<i>Heterocapsa rotundata (B)</i>		Common	
	7/11/2004	14:00	30 cm	<i>Heterosigma akashiwo. (T)</i>		Present	
	7/11/2004	14:00	30 cm	<i>Kryptoperidinium foliaceum-2 (B)</i>		Present	
	7/11/2004	14:00	30 cm	<i>Protoperidinium quinquecorne (B)</i>		Present	
	7/12/2004	8:45	Surfc	<i>"Gymnodinioid" sp. (S)</i>	15-25 um Grn	Many	1.00
	7/12/2004	8:45	Surfc	<i>Chattonella cf. verruculosa (T)</i>		Many	3.10
	7/12/2004	8:45	Surfc	<i>Chattonella subsalsa (T)</i>		Present	
	7/12/2004	8:45	Surfc	<i>Gyrodinium instriatum (B)</i>		Present	
	7/12/2004	8:45	Surfc	<i>Heterocapsa rotundata (B)</i>		Common	
	7/12/2004	8:45	Surfc	<i>Heterosigma akashiwo. (T)</i>		Present	
	7/12/2004	8:45	Surfc	<i>Kryptoperidinium foliaceum-2 (B)</i>		Common	
	7/12/2004	8:45	Surfc	<i>Protoperidinium quinquecorne (B)</i>		Present	
	7/12/2004	8:45	Surfc	<i>Scrippsiella sp. (B)</i>		Present	
	7/16/2004	10:33	Surfc	<i>"Gymnodinioid" sp. (S)</i>	15-25 um Grn	Present	
	7/16/2004	10:33	Surfc	<i>Chattonella cf. verruculosa (T)</i>		Common	0.14
	7/16/2004	10:33	Surfc	<i>Heterocapsa rotundata (B)</i>		Present	
	7/16/2004	10:33	Surfc	<i>Heterosigma akashiwo. (T)</i>		Present	
SB10W: SB: Russell Canal west dead end							
	7/11/2004	11:20	Surfc	<i>Chattonella cf. verruculosa (T)</i>		Common	0.13
	7/12/2004	8:35	Surfc	<i>"Gymnodinioid" sp. (S)</i>	15-25 um Grn	Common	0.44
	7/12/2004	8:35	Surfc	<i>Akashiwo sanguineum (B)</i>		Present	
	7/12/2004	8:35	Surfc	<i>Chattonella cf. verruculosa (T)</i>		Common	0.89
	7/12/2004	8:35	Surfc	<i>Chattonella subsalsa (T)</i>		Present	
	7/12/2004	8:35	Surfc	<i>Gyrodinium instriatum (B)</i>		Present	
	7/12/2004	8:35	Surfc	<i>Kryptoperidinium foliaceum-2 (B)</i>		Present	
	7/12/2004	8:35	Surfc	<i>Scrippsiella sp. (B)</i>		Present	
	7/13/2004	10:00	0.6 m	<i>"Gymnodinioid" sp. (S)</i>	15-25 um Grn	Common	
	7/13/2004	10:00	0.6 m	<i>Chattonella cf. verruculosa (T)</i>		Many	1.75
	7/13/2004	10:00	0.6 m	<i>Chattonella subsalsa (T)</i>		Common	0.64
	7/13/2004	10:00	0.6 m	<i>Heterocapsa rotundata (B)</i>		Present	
	7/13/2004	10:00	0.6 m	<i>Heterosigma akashiwo. (T)</i>		Present	
	7/13/2004	10:10	0.2 m	<i>"Gymnodinioid" sp. (S)</i>	15-25 um Grn	Present	0.38
	7/13/2004	10:10	0.2 m	<i>"Gymnodinioid" sp. (S)</i>	10-15 um Grn	Present	
	7/13/2004	10:10	0.2 m	<i>Chattonella cf. verruculosa (T)</i>		Many	2.52
	7/13/2004	10:10	0.2 m	<i>Chattonella subsalsa (T)</i>		Many	1.40
	7/13/2004	10:10	0.2 m	<i>Heterocapsa rotundata (B)</i>		Common	0.13
	7/13/2004	10:10	0.2 m	<i>Heterosigma akashiwo. (T)</i>		Present	
	7/13/2004	10:10	0.2 m	<i>Protoperidinium quinquecorne (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
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Little Assawoman Bay

Jefferson Creek

SB10W: SB: Russell Canal west dead end

7/15/2004	10:00	0.2 m	"Gymnodinioid" sp. (S)	15-25 um Grn	Common	0.15
7/15/2004	10:00	0.2 m	Chattonella cf. verruculosa (T)		Common	0.29
7/15/2004	10:00	0.2 m	Chattonella subsalsa (T)		Present	
7/15/2004	10:00	0.2 m	Gyrodinium instriatum (B)		Present	
7/15/2004	10:00	0.2 m	Heterocapsa rotundata (B)		Common	0.14
7/15/2004	10:00	0.2 m	Heterosigma akashiwo. (T)		Present	
7/15/2004	10:10	0.6 m	"Gymnodinioid" sp. (S)	15-25 um Grn	Common	0.75
7/15/2004	10:10	0.6 m	Chattonella cf. verruculosa (T)		Many	3.90
7/15/2004	10:10	0.6 m	Chattonella subsalsa (T)		Present	
7/15/2004	10:10	0.6 m	Heterocapsa rotundata (B)		Common	0.10
7/15/2004	10:10	0.6 m	Heterosigma akashiwo. (T)		Present	
7/16/2004	10:27	Surfc	"Gymnodinioid" sp. (S)	15-25 um Grn	Common	0.17
7/16/2004	10:27	Surfc	Chattonella cf. verruculosa (T)		Common	0.35
7/16/2004	10:27	Surfc	Chattonella subsalsa (T)		Present	
7/16/2004	10:27	Surfc	Fibrocapsa japonica (T)		Present	
7/16/2004	10:27	Surfc	Heterocapsa rotundata (B)		Common	0.14
7/16/2004	10:27	Surfc	Heterosigma akashiwo. (T)		Present	
7/20/2004	10:00	0.2 m	"Gymnodinioid" sp. (S)	15-25 um Grn	Common	0.24
7/20/2004	10:00	0.2 m	Chattonella subsalsa (T)		Present	
7/20/2004	10:00	0.2 m	Heterocapsa rotundata (B)		Present	
7/20/2004	10:00	0.2 m	Heterosigma akashiwo. (T)		Present	
7/20/2004	10:10	0.6 m	"Gymnodinioid" sp. (S)	15-25 um Grn	Common	0.31
7/20/2004	10:10	0.6 m	Chattonella subsalsa (T)		Present	
7/20/2004	10:10	0.6 m	Heterocapsa rotundata (B)		Present	
7/20/2004	10:10	0.6 m	Heterosigma akashiwo. (T)		Present	

Miller Creek

LA31: Double Bridges road bridge at Plantation Park

7/16/2004	10:48	Surfc	"Gymnodinioid" sp. (S)	15-25 um Grn	Common	0.10
7/16/2004	10:48	Surfc	Chattonella cf. verruculosa (T)		Common	0.11
7/16/2004	10:48	Surfc	Chattonella subsalsa (T)		Abundant	17.00
7/16/2004	10:48	Surfc	Gyrodinium instriatum (B)		Present	
7/16/2004	10:48	Surfc	Heterocapsa rotundata (B)		Present	
7/16/2004	10:48	Surfc	Heterosigma akashiwo. (T)		Present	
7/16/2004	10:48	Surfc	Kryptoperidinium foliaceum-2 (B)		Many	2.60

LA33B: Camp Barnes dock - by boat

7/19/2004	9:32	Surfc		No HABs found		
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Williams Creek

LA21: Williams Creek tributary, bridge on Rd 364a

7/16/2004	10:59	Surfc	Chattonella subsalsa (T)		Present	
7/16/2004	10:59	Surfc	Gyrodinium instriatum (B)		Present	
7/16/2004	10:59	Surfc	Heterocapsa rotundata (B)		Common	0.10

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Common: 0.1 - 1 MCL; Many: 1 - 10 MCL; Abundant: 10 - 100 MCL; Very Abundant: > 100 MCL.

Delaware Inland Bays Citizen Monitoring Program

Water Body Tributary Site	Date	Time	Smpl Dpth	Name	Comment if ID uncertain	Abundance	MCL
Little Assawoman Bay							
<u>Williams Creek</u>							
LA21: Williams Creek tributary, bridge on Rd 364a							
	7/16/2004	10:59	Surfc	<i>Heterosigma akashiwo. (T)</i>		Many	1.03
	7/16/2004	10:59	Surfc	<i>Kryptoperidinium foliaceum-2 (B)</i>		Common	0.10
	7/16/2004	10:59	Surfc	<i>Protooperidinium quinquecorne (B)</i>		Present	
	7/21/2004	9:14	Surfc		No HABs found		
Rehoboth Bay							
ML: Massey's Landing							
	7/19/2004	9:30	Surfc	<i>Prorocentrum gracile (B)</i>		Present	
RB07: West Bay Park							
	7/20/2004	9:10	Surfc	<i>"Gymnodinioid" sp. (S)</i>	15-25 um Grn	Present	
	7/20/2004	9:10	Surfc	<i>Akashiwo sanguineum (B)</i>		Common	0.43
	7/20/2004	9:10	Surfc	<i>Gyrodinium instriatum (B)</i>		Present	
	7/20/2004	9:10	Surfc	<i>Heterosigma akashiwo. (T)</i>		Present	
	7/20/2004	9:10	Surfc	<i>Prorocentrum gracile (B)</i>		Present	
	7/20/2004	9:10	Surfc	<i>Prorocentrum minimum (T)</i>		Present	
	7/20/2004	9:10	Surfc	<i>Protooperidinium quinquecorne (B)</i>		Present	
	7/20/2004	9:10	Surfc	<i>Scrippsiella sp. (B)</i>		Present	
RB50: Delaware Seashore State Park at New Road; knee deep wading sample.							
	7/19/2004	10:50	Surfc	<i>"Gymnodinioid" sp. (S)</i>	15-25 um Grn	Present	
	7/19/2004	10:50	Surfc	<i>Chattonella subsalsa (T)</i>		Present	
	7/19/2004	10:50	Surfc	<i>Heterocapsa rotundata (B)</i>		Present	
RB54: Savage Ditch, knee deep wading sample.							
	7/19/2004	11:05	Surfc	<i>Chaetoceros sp. (T)</i>		Present	
	7/19/2004	11:05	Surfc	<i>Scrippsiella sp. (B)</i>		Present	
<u>Bald Eagle Creek</u>							
RB46: Torquay Canal at East bulkhead on Land's End.							
	7/14/2004	14:50	Surfc	<i>"Gymnodinioid" sp. (S)</i>	15-25 um Grn	Many	6.60
	7/14/2004	14:50	Surfc	<i>Chattonella cf. verruculosa (T)</i>		Abundant	17.38
	7/14/2004	14:50	Surfc	<i>Chattonella subsalsa (T)</i>		Present	
	7/14/2004	14:50	Surfc	<i>Gyrodinium instriatum (B)</i>		Present	
	7/14/2004	14:50	Surfc	<i>Heterocapsa rotundata (B)</i>		Present	
	7/14/2004	14:50	Surfc	<i>Scrippsiella sp. (B)</i>		Present	
	7/19/2004	11:35	Surfc	<i>"Gymnodinioid" sp. (S)</i>	15-25 um Grn	Many	8.80
	7/19/2004	11:35	Surfc	<i>Chattonella cf. verruculosa (T)</i>		Abundant	66.00
	7/19/2004	11:35	Surfc	<i>Chattonella subsalsa (T)</i>		Many	6.60
	7/19/2004	11:35	Surfc	<i>Gyrodinium instriatum (B)</i>		Present	
	7/19/2004	11:35	Surfc	<i>Heterocapsa rotundata (B)</i>		Common	
	7/19/2004	11:35	Surfc	<i>Heterosigma akashiwo. (T)</i>		Common	
	7/19/2004	11:35	Surfc	<i>Protooperidinium quinquecorne (B)</i>		Common	
RB46B: Torquay Canal by boat							
	7/8/2004	11:00	0.2 m	<i>"Gymnodinioid" sp. (S)</i>	15-25 um Grn	Present	
	7/8/2004	11:00	0.2 m	<i>Chattonella cf. verruculosa (T)</i>		Present	
	7/8/2004	11:00	0.2 m	<i>Gyrodinium instriatum (B)</i>		Present	

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Common: 0.1 - 1 MCL; Many: 1 - 10 MCL; Abundant: 10 - 100 MCL; Very Abundant: > 100 MCL.

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>							
RB46B: Torquay Canal by boat							
	7/8/2004	11:00	0.2 m	<i>Heterocapsa rotundata</i> (B)		Present	
	7/8/2004	11:00	0.2 m	<i>Heterosigma akashiwo</i> . (T)		Present	
	7/8/2004	11:00	0.2 m	<i>Prorocentrum gracile</i> (B)		Present	
	7/8/2004	11:05	4.5 m	" <i>Gymnodinioid</i> " sp. (S)	15-25 um Grn	Common	0.10
	7/8/2004	11:05	4.5 m	<i>Chattonella cf. verruculosa</i> (T)		Present	
	7/8/2004	11:05	4.5 m	<i>Heterocapsa rotundata</i> (B)		Present	
	7/8/2004	11:10	4.9 m	" <i>Gymnodinioid</i> " sp. (S)	15-25 um Grn	Common	0.10
	7/8/2004	11:10	4.9 m	<i>Chattonella cf. verruculosa</i> (T)		Present	
	7/8/2004	11:10	4.9 m	<i>Gyrodinium instriatum</i> (B)		Present	
	7/8/2004	11:10	4.9 m	<i>Heterocapsa rotundata</i> (B)		Present	
RB47: Bald Eagle Creek							
	7/14/2004	14:35	Surfc	" <i>Gymnodinioid</i> " sp. (S)	15-25 um Grn	Many	1.28
	7/14/2004	14:35	Surfc	<i>Akashiwo sanguineum</i> (B)		Present	
	7/14/2004	14:35	Surfc	<i>Chattonella cf. verruculosa</i> (T)		Many	3.80
	7/14/2004	14:35	Surfc	<i>Chattonella subsalsa</i> (T)		Present	
	7/14/2004	14:35	Surfc	<i>Gyrodinium instriatum</i> (B)		Present	
	7/14/2004	14:35	Surfc	<i>Heterocapsa rotundata</i> (B)		Common	
	7/14/2004	14:35	Surfc	<i>Heterosigma akashiwo</i> . (T)		Present	
	7/14/2004	14:35	Surfc	<i>Kryptoperidinium foliaceum-2</i> (B)		Present	
	7/14/2004	14:35	Surfc	<i>Prorocentrum gracile</i> (B)		Present	
	7/14/2004	14:35	Surfc	<i>Prorocentrum minimum</i> (T)		Present	
	7/14/2004	14:35	Surfc	<i>Protoperidinium quinquecorne</i> (B)		Present	
	7/19/2004	11:40	Surfc	" <i>Gymnodinioid</i> " sp. (S)	15-25 um Grn	Common	0.20
	7/19/2004	11:40	Surfc	<i>Chattonella cf. verruculosa</i> (T)		Common	0.80
	7/19/2004	11:40	Surfc	<i>Chattonella subsalsa</i> (T)		Common	0.35
	7/19/2004	11:40	Surfc	<i>Gyrodinium instriatum</i> (B)		Present	
	7/19/2004	11:40	Surfc	<i>Heterosigma akashiwo</i> . (T)		Common	0.11
	7/19/2004	11:40	Surfc	<i>Prorocentrum gracile</i> (B)		Present	
	7/19/2004	11:40	Surfc	<i>Prorocentrum minimum</i> (T)		Present	
	7/19/2004	11:40	Surfc	<i>Protoperidinium quinquecorne</i> (B)		Common	0.10
RB47B: Bald Eagle Creek - by boat							
	7/8/2004	10:00	0.2 m	" <i>Gymnodinioid</i> " sp. (S)	15-25 um Grn	Common	0.17
	7/8/2004	10:00	0.2 m	<i>Akashiwo sanguineum</i> (B)		Present	
	7/8/2004	10:00	0.2 m	<i>Chattonella cf. verruculosa</i> (T)		Present	
	7/8/2004	10:00	0.2 m	<i>Heterocapsa rotundata</i> (B)		Common	0.10
	7/8/2004	10:00	0.2 m	<i>Heterosigma akashiwo</i> . (T)		Present	
	7/8/2004	10:00	0.2 m	<i>Prorocentrum gracile</i> (B)		Present	
	7/8/2004	10:00	0.2 m	<i>Scrippsiella</i> sp. (B)		Present	
	7/8/2004	10:05	2.0 m	" <i>Gymnodinioid</i> " sp. (S)	15-25 um Grn	Common	0.16
	7/8/2004	10:05	2.0 m	<i>Heterocapsa rotundata</i> (B)		Present	
	7/8/2004	10:10	4.5 m	" <i>Gymnodinioid</i> " sp. (S)	15-25 um Grn	Present	
	7/8/2004	10:10	4.5 m	<i>Heterocapsa rotundata</i> (B)		Present	

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Water Body Tributary Site	Date	Time	Smpl Dpth	Name	Comment if ID uncertain	Abundance	MCL
Rehoboth Bay							
<u>Guinea Creek</u>							
RB05: Mouth of Guinea Creek (Pot Nets Creekside)							
	7/20/2004	8:41	Surfc	"Gymnodinioid" sp. (S)	15-25 um Grn	Common	0.10
	7/20/2004	8:41	Surfc	<i>Heterocapsa rotundata</i> (B)		Present	
RB06: Guinea Creek (Winding Creek Village)							
	7/19/2004	7:30	Surfc	"Gymnodinioid" sp. (S)	15-25 um Grn	Common	0.14
	7/19/2004	7:30	Surfc	<i>Gyrodinium instriatum</i> (B)		Present	
	7/19/2004	7:30	Surfc	<i>Heterocapsa rotundata</i> (B)		Present	
RB06A: Guinea Creek @ Rd 298 Bridge							
	7/20/2004	9:07	Surfc	"Gymnodinioid" sp. (S)	15-25 um Grn	Present	
	7/20/2004	9:07	Surfc	<i>Chattonella subsalsa</i> (T)		Present	
<u>Herring Creek</u>							
RB04: Herring Creek, Mid-Section							
	7/19/2004	8:30	Surfc	"Gymnodinioid" sp. (S)	15-25 um Grn	Common	0.14
	7/19/2004	8:30	Surfc	<i>Akashiwo sanguineum</i> (B)		Present	
	7/19/2004	8:30	Surfc	<i>Chattonella cf. verruculosa</i> (T)		Present	
	7/19/2004	8:30	Surfc	<i>Gyrodinium instriatum</i> (B)		Present	
	7/19/2004	8:30	Surfc	<i>Heterocapsa rotundata</i> (B)		Present	
	7/19/2004	8:30	Surfc	<i>Prorocentrum minimum</i> (T)		Present	
	7/19/2004	8:30	Surfc	<i>Scrippsiella sp.</i> (B)		Present	
RB40: Burton Prong							
	7/18/2004	20:00	Surfc	"Gymnodinioid" sp. (S)	15-25 um Grn	Common	0.10
	7/18/2004	20:00	Surfc	<i>Heterocapsa rotundata</i> (B)		Present	
	7/18/2004	20:00	Surfc	<i>Heterosigma akashiwo.</i> (T)		Present	
<u>Love Creek</u>							
RB34: Love Creek at Rt 24 Bridge							
	7/19/2004	11:22	Surfc	<i>Chattonella cf. verruculosa</i> (T)		Present	
	7/19/2004	11:22	Surfc	<i>Gyrodinium instriatum</i> (B)		Many	2.10
	7/19/2004	11:22	Surfc	<i>Heterocapsa rotundata</i> (B)		Present	
	7/19/2004	11:22	Surfc	<i>Heterosigma akashiwo.</i> (T)		Common	0.57
	7/20/2004	11:00	Surfc	<i>Chattonella cf. verruculosa</i> (T)		Common	0.20
	7/20/2004	11:00	Surfc	<i>Gyrodinium instriatum</i> (B)		Abundant	13.50
	7/20/2004	11:00	Surfc	<i>Heterosigma akashiwo.</i> (T)		Many	9.00
	7/20/2004	11:00	Surfc	<i>Kryptoperidinium foliaceum-2</i> (B)		Present	
	7/21/2004	10:00	Surfc	<i>Chattonella cf. verruculosa</i> (T)		Present	
	7/21/2004	10:00	Surfc	<i>Gyrodinium instriatum</i> (B)		Common	0.72
	7/21/2004	10:00	Surfc	<i>Heterosigma akashiwo.</i> (T)		Abundant	45.60
	7/21/2004	10:00	Surfc	<i>Kryptoperidinium foliaceum-2</i> (B)		Present	
	7/21/2004	10:00	Surfc	<i>Scrippsiella sp.</i> (B)		Present	
RLC1W: shellfish site, mouth of Love Creek.							
	7/13/2004	9:00	Surfc	"Gymnodinioid" sp. (S)	15-25 um Grn	Present	
	7/13/2004	9:00	Surfc	<i>Akashiwo sanguineum</i> (B)		Present	
	7/13/2004	9:00	Surfc	<i>Heterocapsa rotundata</i> (B)		Present	

Name subsripts: (B) - nontoxic bloom former; (S) - cell similar to a known toxic cell; (T) - potentially toxic cell.
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Water Body Tributary Site	Date	Time	Smpl Dpth	Name	Comment if ID uncertain	Abundance	MCL
Rehoboth Bay							
<u>Love Creek</u>							
RLC1W: shellfish site, mouth of Love Creek.							
	7/13/2004	9:00	Surfc	<i>Prorocentrum gracile (B)</i>		Present	
RLC2S: DNREC site, upper Love Creek							
	7/13/2004	10:00	Surfc	<i>Gyrodinium instriatum (B)</i>		Common	0.35
	7/13/2004	10:00	Surfc	<i>Heterocapsa rotundata (B)</i>		Present	
	7/13/2004	10:00	Surfc	<i>Heterosigma akashiwo. (T)</i>		Common	0.15
<u>White Oak Creek</u>							
RB62: Upper White Oak Creek							
	7/14/2004	14:15	Surfc	" <i>Gymnodinioid</i> " <i>sp. (S)</i>	15-25 um Grn	Present	
	7/14/2004	14:15	Surfc	<i>Chattonella cf. verruculosa (T)</i>		Present	
	7/14/2004	14:15	Surfc	<i>Heterocapsa rotundata (B)</i>		Common	

Name subscripts: (B) - nontoxic bloom former; (S) - cell similar to a known toxic cell; (T) - potentially toxic cell.
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