

Harmful Algae Report

All data from 6/9/2004

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							
	6/21/2004	9:20	Surfc	<i>"Gymnodinioid" sp. (S)</i>	15-25 um Grn	Present	
BA02: Keenwick Sound, entrance to canal system							
	6/21/2004	9:05	Surfc	<i>"Gymnodinioid" sp. (S)</i>	15-25 um Grn	Common	0.10
	6/21/2004	9:05	Surfc	<i>"Gymnodinioid" sp. (S)</i>	10-15 um Grn	Present	
	6/21/2004	9:05	Surfc	<i>Chattonella cf. verruculosa (T)</i>		Present	
	6/21/2004	9:05	Surfc	<i>Gyrodinium instriatum (B)</i>		Present	
	6/21/2004	9:05	Surfc	<i>Heterosigma akashiwo. (T)</i>		Present	
Assawoman Canal							
IR50: Assawoman Canal at N end, marina dock							
	6/15/2004	9:54	Surfc	<i>"Gymnodinioid" sp. (S)</i>	15-25 um Grn	Present	
	6/15/2004	9:54	Surfc	<i>Chattonella subsalsa (T)</i>		Present	
	6/15/2004	9:54	Surfc	<i>Heterocapsa rotundata (B)</i>		Present	
LA10: BB: Assawoman Canal @ Kent Ave Bridge							
	6/14/2004	8:10	Surfc	<i>"Gymnodinioid" sp. (S)</i>	15-25 um Grn	Common	0.11
	6/20/2004	8:15	Surfc	<i>"Gymnodinioid" sp. (S)</i>	15-25 um Grn	Present	
	6/20/2004	8:15	Surfc	<i>Chattonella subsalsa (T)</i>		Present	
	6/20/2004	8:15	Surfc	<i>Heterocapsa rotundata (B)</i>		Present	
<u>Bethany Loop Canal</u>							
IR62: Loop Canal, Pa Ave terminus, Bethany Beach							
	6/15/2004	9:34	Surfc	<i>Chattonella cf. verruculosa (T)</i>		Common	0.14
	6/15/2004	9:34	Surfc	<i>Kryptoperidinium foliaceum-2 (B)</i>		Present	
	6/15/2004	9:34	Surfc	<i>Prorocentrum minimum (T)</i>		Present	
	6/15/2004	9:34	Surfc	<i>Scrippsiella sp. (B)</i>		Present	
	6/22/2004	12:25	Surfc	<i>Chattonella cf. verruculosa (T)</i>		Present	
	6/22/2004	12:25	Surfc	<i>Chattonella subsalsa (T)</i>		Common	0.65
	6/22/2004	12:25	Surfc	<i>Eutreptiella sp. (B)</i>		Common	0.52
	6/22/2004	12:25	Surfc	<i>Kryptoperidinium foliaceum-2 (B)</i>		Many	2.60
IR64: Bethany Beach canal off dead end at 3rd street East of Evans Rd.							
	6/15/2004	9:42	Surfc	<i>"Gymnodinioid" sp. (S)</i>	15-25 um Grn	Common	0.40
	6/15/2004	9:42	Surfc	<i>Heterocapsa rotundata (B)</i>		Present	
	6/22/2004	12:35	Surfc		No HABs found		
Indian River							
IR04: Warwick Cove							
	6/21/2004	9:25	Surfc	<i>"Gymnodinioid" sp. (S)</i>	15-25 um Grn	Common	
	6/21/2004	9:25	Surfc	<i>Heterocapsa rotundata (B)</i>		Present	
	6/21/2004	9:25	Surfc	<i>Prorocentrum gracile (B)</i>		Present	
IR07: Holt's Landing State Park							

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

23-Jun-04

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

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Water Body Tributary Site	Date	Time	Smpl Dpth	Name	Comment if ID uncertain	Abundance	MCL
Indian River							
IR07: Holt's Landing State Park	6/15/2004	10:26	Surfc	"Gymnodinioid" sp. (S)	15-25 um Grn	Common	
	6/15/2004	10:26	Surfc	<i>Heterocapsa rotundata</i> (B)		Present	
IR11: Big Ditch Point	6/21/2004	8:30	Surfc	<i>Prorocentrum gracile</i> (B)		Present	
	6/21/2004	8:15	Surfc		No HABs found		
IR36B: James Farm, Pasture Point	6/21/2004	8:30	Surfc	<i>Heterocapsa rotundata</i> (B)		Present	
	6/21/2004	8:30	Surfc	<i>Heterosigma akashiwo</i> . (T)		Present	
	6/21/2004	8:30	Surfc	<i>Prorocentrum minimum</i> (T)		Present	
IR5S: DNREC site, Upper Indian River	6/10/2004	13:26	Surfc	"Gymnodinioid" sp. (S)	15-25 um Grn	Present	
	Pepper Creek						
IP2S: DNREC site, upper Pepper Creek	6/10/2004	12:43	Surfc	"Gymnodinioid" sp. (S)	15-25 um Grn	Common	
	6/10/2004	12:43	Surfc	<i>Heterocapsa rotundata</i> (B)		Present	
White Creek							
IR23: Bethany Marina	6/21/2004	7:50	Surfc	<i>Heterocapsa rotundata</i> (B)		Present	
	6/21/2004	7:50	Surfc	<i>Prorocentrum minimum</i> (T)		Present	
IR32: Holly Terrace Acres	6/10/2004	10:30	Surfc	"Gymnodinioid" sp. (S)	15-25 um Grn	Many	1.00
	6/10/2004	10:30	Surfc	<i>Chattonella cf. verruculosa</i> (T)		Present	
	6/10/2004	10:30	Surfc	<i>Chattonella subsalsa</i> (T)		Common	
	6/10/2004	10:30	Surfc	<i>Heterosigma akashiwo</i> . (T)		Common	
	6/10/2004	10:30	Surfc	<i>Prorocentrum minimum</i> (T)		Abundant	13.20
	6/10/2004	10:30	Surfc	<i>Scrippsiella</i> sp. (B)		Present	
	6/17/2004	10:00	Surfc	"Gymnodinioid" sp. (S)	15-25 um Grn	Common	
	6/17/2004	10:00	Surfc	<i>Chattonella cf. verruculosa</i> (T)		Abundant	13.20
	6/17/2004	10:00	Surfc	<i>Chattonella subsalsa</i> (T)		Abundant	11.00
	6/17/2004	10:00	Surfc	<i>Heterocapsa rotundata</i> (B)		Common	
	6/17/2004	10:00	Surfc	<i>Heterosigma akashiwo</i> . (T)		Present	
	6/17/2004	10:00	Surfc	<i>Protopeiridium quinquecorne</i> (B)		Present	
	6/17/2004	10:00	Surfc	<i>Scrippsiella</i> sp. (B)		Present	
	6/17/2004	10:05	SbSrf	"Gymnodinioid" sp. (S)	15-25 um Grn	Common	0.10
	6/17/2004	10:05	SbSrf	<i>Chaetoceros</i> sp. (T)		Common	0.22
	6/17/2004	10:05	SbSrf	<i>Chattonella cf. verruculosa</i> (T)		Common	0.15
	6/17/2004	10:05	SbSrf	<i>Chattonella subsalsa</i> (T)		Common	0.88
6/17/2004	10:05	SbSrf	<i>Heterocapsa rotundata</i> (B)		Present		
6/17/2004	10:05	SbSrf	<i>Heterosigma akashiwo</i> . (T)		Common	0.75	
6/17/2004	10:05	SbSrf	<i>Kryptoperidinium foliaceum-1</i> (B)		Present		
6/17/2004	10:05	SbSrf	<i>Prorocentrum minimum</i> (T)		Present		
6/17/2004	10:05	SbSrf	<i>Scrippsiella</i> sp. (B)		Present		

Name subscripts: (B) - nontoxic bloom former; (S) - cell similar to a known toxic cell; (T) - potentially toxic cell.
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Delaware Inland Bays Citizen Monitoring Program

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Indian River							
<u>White Creek</u>							
IR32: Holly Terrace Acres							
	6/21/2004	11:10	Surfc	"Gymnodinioid" sp. (S)	15-25 um Grn	Many	1.10
	6/21/2004	11:10	Surfc	Chaetoceros sp. (T)		Present	
	6/21/2004	11:10	Surfc	Chattonella cf. verruculosa (T)		Present	
	6/21/2004	11:10	Surfc	Chattonella subsalsa (T)		Common	0.20
	6/21/2004	11:10	Surfc	Gyrodinium instriatum (B)		Present	
	6/21/2004	11:10	Surfc	Heterocapsa rotundata (B)		Common	
	6/21/2004	11:10	Surfc	Heterosigma akashiwo. (T)		Present	
	6/21/2004	11:10	Surfc	Kryptoperidinium foliaceum-2 (B)		Present	
	6/21/2004	11:10	Surfc	Prorocentrum minimum (T)		Present	
	6/21/2004	11:10	Surfc	Scrippsiella sp. (B)		Common	0.10
	6/21/2004	11:15	Surfc	"Gymnodinioid" sp. (S)	15-25 um Grn	Abundant	11.00
	6/21/2004	11:15	Surfc	Chattonella cf. verruculosa (T)		Common	0.66
	6/21/2004	11:15	Surfc	Chattonella subsalsa (T)		Present	
	6/21/2004	11:15	Surfc	Gyrodinium instriatum (B)		Present	
	6/21/2004	11:15	Surfc	Heterosigma akashiwo. (T)		Common	
	6/21/2004	11:15	Surfc	Prorocentrum minimum (T)		Common	0.81
	6/21/2004	11:15	Surfc	Protoperidinium quinquecorne (B)		Present	
	6/21/2004	11:15	Surfc	Scrippsiella sp. (B)		Common	0.11
IR60: Rt 26 at Lord Baltimore School							
	6/15/2004	10:04	Surfc	"Gymnodinioid" sp. (S)	15-25 um Grn	Present	
	6/15/2004	10:04	Surfc	Kryptoperidinium foliaceum-2 (B)		Present	
WC15: White Creek - west prong near Food Lion							
	6/15/2004	10:10	Surfc	Chattonella cf. verruculosa (T)		Many	1.10
	6/15/2004	10:10	Surfc	Chattonella subsalsa (T)		Present	
	6/15/2004	10:10	Surfc	Gyrodinium instriatum (B)		Many	2.35
	6/15/2004	10:10	Surfc	Kryptoperidinium foliaceum-2 (B)		Common	0.10
	6/15/2004	10:10	Surfc	Prorocentrum minimum (T)		Many	1.10
	6/15/2004	10:10	Surfc	Protoperidinium quinquecorne (B)		Common	0.20
	6/15/2004	10:10	Surfc	Scrippsiella sp. (B)		Present	
	6/22/2004	12:50	Surfc	"Gymnodinioid" sp. (S)	15-25 um Grn	Present	
	6/22/2004	12:50	Surfc	Chattonella cf. verruculosa (T)		Many	1.89
	6/22/2004	12:50	Surfc	Chattonella subsalsa (T)		Common	0.98
	6/22/2004	12:50	Surfc	Gyrodinium instriatum (B)		Common	0.39
	6/22/2004	12:50	Surfc	Kryptoperidinium foliaceum-2 (B)		Present	
Lewes - Rehoboth Canal							
RB02: Lewes - Rehoboth Canal at Lewes							
	6/15/2004	8:30	Surfc	"Gymnodinioid" sp. (S)	15-25 um Grn	Present	
	6/15/2004	8:30	Surfc	Chaetoceros sp. (T)		Present	
	6/15/2004	8:30	Surfc	Heterocapsa rotundata (B)		Common	
	6/15/2004	8:30	Surfc	Prorocentrum minimum (T)		Present	
	6/22/2004	8:35	Surfc	Heterocapsa rotundata (B)		Present	
	6/22/2004	8:35	Surfc	Prorocentrum minimum (T)		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							
	6/14/2004	9:32	Surfc	<i>"Gymnodinioid" sp. (S)</i>	15-25 um Grn	Present	
	6/14/2004	9:32	Surfc	<i>Prorocentrum minimum (T)</i>		Present	
LA35B: Red Channel marker #28, across from Miller Creek							
	6/14/2004	9:17	Surfc	<i>"Gymnodinioid" sp. (S)</i>	15-25 um Grn	Common	0.16
	6/14/2004	9:17	Surfc	<i>Chattonella cf. verruculosa (T)</i>		Present	
	6/14/2004	9:17	Surfc	<i>Chattonella subsalsa (T)</i>		Present	
LA42B: Narrows, South of state beach at point							
	6/14/2004	9:22	Surfc	<i>"Gymnodinioid" sp. (S)</i>	15-25 um Grn	Present	
	6/14/2004	9:22	Surfc	<i>Chattonella cf. verruculosa (T)</i>		Present	
	6/14/2004	9:22	Surfc	<i>Chattonella subsalsa (T)</i>		Present	
	6/14/2004	9:22	Surfc	<i>Heterocapsa rotundata (B)</i>		Present	
	6/14/2004	9:22	Surfc	<i>Heterosigma akashiwo. (T)</i>		Present	
	6/14/2004	9:22	Surfc	<i>Kryptoperidinium foliaceum-2 (B)</i>		Present	
<u>Dirickson Creek</u>							
LA03: Mulberry Landing							
	6/21/2004	8:15	Surfc	<i>"Gymnodinioid" sp. (S)</i>	15-25 um Grn	Present	
	6/21/2004	8:15	Surfc	<i>Chattonella subsalsa (T)</i>		Present	
LA09: Dirickson Creek at Road 381 bridge.							
	6/21/2004	9:35	Surfc	<i>"Gymnodinioid" sp. (S)</i>	15-25 um Grn	Common	
	6/21/2004	9:35	Surfc	<i>Chattonella cf. verruculosa (T)</i>		Common	
	6/21/2004	9:35	Surfc	<i>Gyrodinium instriatum (B)</i>		Common	
LA20: Swann Keys: boat ramp at S end of Blue Teal Rd							
	6/14/2004	10:58	Surfc	<i>"Gymnodinioid" sp. (S)</i>	15-25 um Grn	Common	0.28
	6/14/2004	10:58	Surfc	<i>"Gymnodinioid" sp. (S)</i>	10-15 um Grn	Present	
	6/14/2004	10:58	Surfc	<i>Akashiwo sanguineum (B)</i>		Present	
	6/14/2004	10:58	Surfc	<i>Chattonella cf. verruculosa (T)</i>		Present	
	6/14/2004	10:58	Surfc	<i>Chattonella subsalsa (T)</i>		Present	
	6/14/2004	10:58	Surfc	<i>Gyrodinium instriatum (B)</i>		Common	0.10
	6/14/2004	10:58	Surfc	<i>Heterocapsa rotundata (B)</i>		Common	0.10
	6/14/2004	10:58	Surfc	<i>Heterosigma akashiwo. (T)</i>		Present	
	6/22/2004	9:25	Surfc	<i>"Gymnodinioid" sp. (S)</i>	15-25 um Grn	Common	0.13
	6/22/2004	9:25	Surfc	<i>Akashiwo sanguineum (B)</i>		Present	
	6/22/2004	9:25	Surfc	<i>Chattonella cf. verruculosa (T)</i>		Many	1.04
	6/22/2004	9:25	Surfc	<i>Gyrodinium instriatum (B)</i>		Present	
	6/22/2004	9:25	Surfc	<i>Heterocapsa rotundata (B)</i>		Present	
	6/22/2004	9:25	Surfc	<i>Heterosigma akashiwo. (T)</i>		Present	
	6/22/2004	9:25	Surfc	<i>Kryptoperidinium foliaceum-2 (B)</i>		Present	
	6/22/2004	9:25	Surfc	<i>Prorocentrum minimum (T)</i>		Present	
LA22B: Dirickson Creek upper section between Williams Creek and the LA09, mid channel near duck blind.							
	6/14/2004	9:44	Surfc	<i>"Gymnodinioid" sp. (S)</i>	15-25 um Grn	Common	0.13
	6/14/2004	9:44	Surfc	<i>"Gymnodinioid" sp. (S)</i>	10-15 um Grn	Present	
	6/14/2004	9:44	Surfc	<i>Akashiwo sanguineum (B)</i>		Present	
	6/14/2004	9:44	Surfc	<i>Chattonella cf. verruculosa (T)</i>		Common	0.10

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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

Dirickson Creek

LA22B: Dirickson Creek upper section between Williams Creek and the LA09, mid channel near duck blind.

6/14/2004	9:44	Surfc		<i>Protoperidinium quinquecorne (B)</i>		Present	
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Jefferson Creek

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

6/15/2004	8:24	Surfc		<i>"Gymnodinioid" sp. (S)</i>	15-25 um Grn	Present	
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SB03B: Anchorage Canal at elbow

6/15/2004	8:32	Surfc		<i>"Gymnodinioid" sp. (S)</i>	15-25 um Grn	Present	
6/15/2004	8:32	Surfc		<i>Chattonella subsalsa (T)</i>		Common	0.70
6/15/2004	8:32	Surfc		<i>Gyrodinium instriatum (B)</i>		Present	
6/15/2004	8:32	Surfc		<i>Kryptoperidinium foliaceum-2 (B)</i>		Present	
6/15/2004	8:32	Surfc		<i>Scrippsiella sp. (B)</i>		Present	

SB10E: SB: Russell Canal east dead end

6/14/2004	8:47	Surfc		<i>Chattonella cf. verruculosa (T)</i>		Common	0.48
6/14/2004	8:47	Surfc		<i>Heterosigma akashiwo. (T)</i>		Present	
6/14/2004	8:47	Surfc		<i>Kryptoperidinium foliaceum-2 (B)</i>		Present	
6/20/2004	8:58	Surfc		<i>"Gymnodinioid" sp. (S)</i>	15-25 um Grn	Present	
6/20/2004	8:58	Surfc		<i>Chattonella cf. verruculosa (T)</i>		Present	
6/20/2004	8:58	Surfc		<i>Chattonella subsalsa (T)</i>		Present	
6/20/2004	8:58	Surfc		<i>Gyrodinium instriatum (B)</i>		Present	
6/20/2004	8:58	Surfc		<i>Heterocapsa rotundata (B)</i>		Present	
6/20/2004	8:58	Surfc		<i>Heterosigma akashiwo. (T)</i>		Present	

SB10W: SB: Russell Canal west dead end

6/10/2004	10:00	Surfc		<i>"Gymnodinioid" sp. (S)</i>	15-25 um Grn	Common	0.56
6/10/2004	10:00	Surfc		<i>Chattonella cf. verruculosa (T)</i>		Abundant	15.40
6/10/2004	10:00	Surfc		<i>Chattonella subsalsa (T)</i>		Common	0.39
6/10/2004	10:00	Surfc		<i>Prorocentrum minimum (T)</i>		Present	
6/10/2004	10:00	Surfc		<i>Scrippsiella sp. (B)</i>		Present	
6/10/2004	10:05	SbSrf		<i>"Gymnodinioid" sp. (S)</i>	15-25 um Grn	Common	0.31
6/10/2004	10:05	SbSrf		<i>Chattonella cf. verruculosa (T)</i>		Many	2.20
6/10/2004	10:05	SbSrf		<i>Fibrocapsa japonica (T)</i>		Present	
6/14/2004	8:52	Surfc		<i>Chattonella cf. verruculosa (T)</i>		Present	
6/17/2004	11:00	Surfc		<i>"Gymnodinioid" sp. (S)</i>	15-25 um Grn	Common	
6/17/2004	11:00	Surfc		<i>Chattonella cf. verruculosa (T)</i>		Many	1.10
6/17/2004	11:00	Surfc		<i>Chattonella subsalsa (T)</i>		Many	4.40
6/17/2004	11:00	Surfc		<i>Prorocentrum minimum (T)</i>		Present	
6/17/2004	11:00	Surfc		<i>Scrippsiella sp. (B)</i>		Present	
6/17/2004	11:05	SbSrf		<i>"Gymnodinioid" sp. (S)</i>	10-15 um Grn	Present	
6/17/2004	11:05	SbSrf		<i>"Gymnodinioid" sp. (S)</i>	15-25 um Grn	Common	
6/17/2004	11:05	SbSrf		<i>Akashiwo sanguineum (B)</i>		Present	
6/17/2004	11:05	SbSrf		<i>Chattonella cf. verruculosa (T)</i>		Common	
6/17/2004	11:05	SbSrf		<i>Chattonella subsalsa (T)</i>		Common	
6/17/2004	11:05	SbSrf		<i>Fibrocapsa japonica (T)</i>		Present	

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Little Assawoman Bay							
<u>Jefferson Creek</u>							
SB10W: SB: Russell Canal west dead end							
	6/17/2004	11:05	SbSrf	<i>Gyrodinium instriatum</i> (B)		Present	
	6/17/2004	11:05	SbSrf	<i>Kryptoperidinium foliaceum-2</i> (B)		Present	
	6/17/2004	11:05	SbSrf	<i>Protoperidinium quinquecorne</i> (B)		Present	
	6/20/2004	9:04	Surfc	<i>"Gymnodinioid" sp. (S)</i>	15-25 um Grn	Common	0.50
	6/20/2004	9:04	Surfc	<i>Chattonella cf. verruculosa</i> (T)		Common	0.75
	6/20/2004	9:04	Surfc	<i>Heterosigma akashiwo. (T)</i>		Present	
	6/22/2004	8:45	Surfc	<i>"Gymnodinioid" sp. (S)</i>	15-25 um Grn	Present	
	6/22/2004	8:45	Surfc	<i>Chattonella cf. verruculosa</i> (T)		Present	
	6/22/2004	8:45	Surfc	<i>Chattonella subsalsa</i> (T)		Common	0.79
	6/22/2004	8:45	Surfc	<i>Gyrodinium instriatum</i> (B)		Present	
	6/22/2004	8:45	Surfc	<i>Heterosigma akashiwo. (T)</i>		Present	
<u>Miller Creek</u>							
LA31: Double Bridges road bridge at Plantation Park							
	6/14/2004	11:23	Surfc	<i>Gyrodinium instriatum</i> (B)		Present	
	6/14/2004	11:23	Surfc	<i>Heterosigma akashiwo. (T)</i>		Present	
LA33B: Camp Barnes dock - by boat							
	6/14/2004	10:12	Surfc	<i>"Gymnodinioid" sp. (S)</i>	15-25 um Grn	Common	0.15
	6/14/2004	10:12	Surfc	<i>Akashiwo sanguineum</i> (B)		Present	
	6/14/2004	10:12	Surfc	<i>Kryptoperidinium foliaceum-2</i> (B)		Present	
<u>Williams Creek</u>							
LA21: Williams Creek tributary, bridge on Rd 364a							
	6/14/2004	11:12	Surfc	<i>"Gymnodinioid" sp. (S)</i>	15-25 um Grn	Present	
	6/14/2004	11:12	Surfc	<i>Chattonella cf. verruculosa</i> (T)		Present	
	6/14/2004	11:12	Surfc	<i>Heterocapsa rotundata</i> (B)		Common	
	6/14/2004	11:12	Surfc	<i>Heterosigma akashiwo. (T)</i>		Common	
	6/14/2004	11:12	Surfc	<i>Kryptoperidinium foliaceum-2</i> (B)		Present	
	6/14/2004	11:12	Surfc	<i>Protoperidinium quinquecorne</i> (B)		Many	1.13
Rehoboth Bay							
ML: Massey's Landing							
	6/21/2004	10:54	Surfc	<i>Prorocentrum minimum</i> (T)		Present	
RB07: West Bay Park							
	6/22/2004	8:50	Surfc		No HABs found		
RB50: Delaware Seashore State Park at New Road; knee deep wading sample.							
	6/21/2004	10:50	Surfc	<i>Heterocapsa rotundata</i> (B)		Present	
RB54: Savage Ditch, knee deep wading sample.							
	6/21/2004	11:05	Surfc	<i>Chaetoceros sp. (T)</i>		Present	
	6/21/2004	11:05	Surfc	<i>Kryptoperidinium foliaceum-2</i> (B)		Present	
<u>Bald Eagle Creek</u>							
RB46: Torquay Canal at East bulkhead on Land's End.							
	6/17/2004	11:13	Surfc	<i>"Gymnodinioid" sp. (S)</i>	15-25 um Grn	Common	0.88
	6/17/2004	11:13	Surfc	<i>Chattonella subsalsa</i> (T)		Common	0.50

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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>							
RB46: Torquay Canal at East bulkhead on Land's End.							
	6/17/2004	11:13	Surfc	<i>Gyrodinium instriatum</i> (B)		Present	
	6/17/2004	11:13	Surfc	<i>Heterocapsa rotundata</i> (B)		Common	
	6/17/2004	11:13	Surfc	<i>Heterosigma akashiwo</i> (T)		Present	
	6/17/2004	11:18	Surfc	" <i>Gymnodinioid</i> " sp. (S)	15-25 um Grn	Common	
	6/17/2004	11:18	Surfc	<i>Chattonella subsalsa</i> (T)		Present	
	6/17/2004	11:18	Surfc	<i>Heterocapsa rotundata</i> (B)		Present	
	6/17/2004	11:18	Surfc	<i>Heterosigma akashiwo</i> (T)		Many	1.70
	6/17/2004	11:18	Surfc	<i>Scrippsiella</i> sp. (B)		Present	
	6/21/2004	11:42	Surfc	" <i>Gymnodinioid</i> " sp. (S)	15-25 um Grn	Common	
	6/21/2004	11:42	Surfc	<i>Gyrodinium instriatum</i> (B)		Present	
	6/21/2004	11:42	Surfc	<i>Heterosigma akashiwo</i> (T)		Present	
RB46B: Torquay Canal by boat							
	6/10/2004	11:00	4.0m	<i>Heterosigma akashiwo</i> (T)		Many	2.10
	6/10/2004	11:30	2.5m	<i>Chattonella subsalsa</i> (T)		Present	
	6/10/2004	11:30	2.5m	<i>Heterosigma akashiwo</i> (T)		Many	4.60
	6/10/2004	12:00	0.2m	<i>Gyrodinium instriatum</i> (B)		Present	
RB47: Bald Eagle Creek							
	6/21/2004	11:53	Surfc	" <i>Gymnodinioid</i> " sp. (S)	15-25 um Grn	Present	
	6/21/2004	11:53	Surfc	<i>Akashiwo sanguineum</i> (B)		Present	
	6/21/2004	11:53	Surfc	<i>Chattonella subsalsa</i> (T)		Present	
	6/21/2004	11:53	Surfc	<i>Gyrodinium instriatum</i> (B)		Present	
	6/21/2004	11:53	Surfc	<i>Protoperidinium quinquecorne</i> (B)		Present	
RB61B: Bald Eagle Creek UD Site #6 upstream from the entrance to Torquay Canal.							
	6/10/2004	12:00	4.0m	<i>Heterosigma akashiwo</i> (T)		Many	2.20
	6/10/2004	13:00	2.1m	<i>Chattonella subsalsa</i> (T)		Present	
	6/10/2004	13:00	2.1m	<i>Heterosigma akashiwo</i> (T)		Very Abundant	198.00
	6/10/2004	13:30	0.2m	" <i>Gymnodinioid</i> " sp. (S)	15-25 um Grn	Present	
	6/10/2004	13:30	0.2m	<i>Akashiwo sanguineum</i> (B)		Present	
	6/10/2004	13:30	0.2m	<i>Chattonella subsalsa</i> (T)		Present	
	6/10/2004	13:30	0.2m	<i>Gyrodinium instriatum</i> (B)		Common	0.11
	6/10/2004	13:30	0.2m	<i>Heterocapsa rotundata</i> (B)		Common	0.13
<u>Guinea Creek</u>							
RB05: Mouth of Guinea Creek (Pot Nets Creekside)							
	6/21/2004	11:10	Surfc	" <i>Gymnodinioid</i> " sp. (S)	15-25 um Grn	Common	0.30
	6/21/2004	11:10	Surfc	<i>Akashiwo sanguineum</i> (B)		Present	
	6/21/2004	11:10	Surfc	<i>Chattonella cf. verruculosa</i> (T)		Present	
	6/21/2004	11:10	Surfc	<i>Gyrodinium instriatum</i> (B)		Present	
RB06: Guinea Creek (Winding Creek Village)							
	6/21/2004	7:00	Surfc	" <i>Gymnodinioid</i> " sp. (S)	15-25 um Grn	Common	0.34
	6/21/2004	7:00	Surfc	<i>Gyrodinium instriatum</i> (B)		Common	0.10
	6/21/2004	7:00	Surfc	<i>Heterocapsa rotundata</i> (B)		Present	
	6/21/2004	7:00	Surfc	<i>Heterosigma akashiwo</i> (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>							
RB06: Guinea Creek (Winding Creek Village)							
	6/21/2004	7:00	Surfc	<i>Prorocentrum minimum</i> (T)		Present	
	6/21/2004	7:00	Surfc	<i>Scrippsiella</i> sp. (B)		Present	
RB06A: Guinea Creek @ Rd 298 Bridge							
	6/21/2004	11:39	Surfc	" <i>Gymnodinioid</i> " sp. (S)	15-25 um Grn	Present	
	6/21/2004	11:39	Surfc	(Unknown) sp. (B)	10-15 um Grn trdrp	Abundant	18.00
	6/21/2004	11:39	Surfc	<i>Kryptoperidinium foliaceum-2</i> (B)		Present	
<u>Herring Creek</u>							
RB04: Herring Creek, Mid-Section							
	6/20/2004	9:15	Surfc	" <i>Gymnodinioid</i> " sp. (S)	15-25 um Grn	Common	0.55
	6/20/2004	9:15	Surfc	<i>Akashiwo sanguineum</i> (B)		Present	
	6/20/2004	9:15	Surfc	<i>Kryptoperidinium foliaceum-2</i> (B)		Present	
RB40: Burton Prong							
	6/21/2004	7:05	Surfc	" <i>Gymnodinioid</i> " sp. (S)	15-25 um Grn	Common	0.57
	6/21/2004	7:05	Surfc	<i>Heterosigma akashiwo</i> . (T)		Present	
<u>Love Creek</u>							
RB34: Love Creek at Rt 24 Bridge							
	6/9/2004	10:00	20 cm	" <i>Gymnodinioid</i> " sp. (S)	15-25 um Grn	Present	
	6/9/2004	10:00	20 cm	<i>Gyrodinium instriatum</i> (B)		Present	
	6/9/2004	10:00	20 cm	<i>Heterocapsa rotundata</i> (B)		Present	
	6/9/2004	10:00	20 cm	<i>Heterosigma akashiwo</i> . (T)		Many	1.10
	6/9/2004	10:05	60 cm	" <i>Gymnodinioid</i> " sp. (S)	15-25 um Grn	Present	
	6/9/2004	10:05	60 cm	<i>Gyrodinium instriatum</i> (B)		Common	
	6/9/2004	10:05	60 cm	<i>Heterocapsa rotundata</i> (B)		Common	
	6/9/2004	10:05	60 cm	<i>Heterosigma akashiwo</i> . (T)		Many	1.10
	6/17/2004	10:50	Surfc	<i>Gyrodinium instriatum</i> (B)		Common	0.81
	6/17/2004	10:50	Surfc	<i>Heterocapsa rotundata</i> (B)		Present	
	6/17/2004	10:50	Surfc	<i>Heterosigma akashiwo</i> . (T)		Common	0.11
	6/17/2004	10:50	Surfc	<i>Scrippsiella</i> sp. (B)		Present	
	6/21/2004	12:26	Surfc	<i>Gyrodinium instriatum</i> (B)		Many	8.80
RLC1W: shellfish site, mouth of Love Creek.							
	6/22/2004	12:00	Surfc	" <i>Gymnodinioid</i> " sp. (S)	15-25 um Grn	Common	0.10
	6/22/2004	12:00	Surfc	<i>Gyrodinium instriatum</i> (B)		Present	
	6/22/2004	12:00	Surfc	<i>Heterocapsa rotundata</i> (B)		Common	0.56
	6/22/2004	12:00	Surfc	<i>Prorocentrum gracile</i> (B)		Present	
	6/22/2004	12:00	Surfc	<i>Protoperidinium quinquecorne</i> (B)		Present	
RLC2S: DNREC site, upper Love Creek							
	6/15/2004	10:30	Surfc	<i>Gyrodinium instriatum</i> (B)		Common	
	6/15/2004	10:30	Surfc	<i>Heterosigma akashiwo</i> . (T)		Common	
	6/22/2004	13:00	Surfc	<i>Gyrodinium instriatum</i> (B)		Many	1.50
	6/22/2004	13:00	Surfc	<i>Heterosigma akashiwo</i> . (T)		Present	
	6/22/2004	13:00	Surfc	<i>Kryptoperidinium foliaceum-2</i> (B)		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>Love Creek</u>	6/22/2004	13:00	Surfc	<i>Scrippsiella sp. (B)</i>		Present	

RLC2S: DNREC site, upper Love Creek

6/22/2004 13:00 Surfc *Scrippsiella sp. (B)*

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.

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