

Harmful Algae Report

All data between 8/13/2005 and 8/25/2005

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							
	8/23/2005	9:05	Surfc	<i>"Gymnodinioid" sp. (S)</i>	15-25 um Grn	Present	
	8/23/2005	9:05	Surfc	<i>Akashiwo sanguineum (B)</i>		Present	
	8/23/2005	9:05	Surfc	<i>Chattonella cf. verruculosa (T)</i>		Present	
	8/23/2005	9:05	Surfc	<i>Chattonella subsalsa (T)</i>		Present	
	8/23/2005	9:05	Surfc	<i>Heterocapsa rotundata (B)</i>		Present	
	8/23/2005	9:05	Surfc	<i>Kryptoperidinium foliaceum-2 (B)</i>		Present	
Assawoman Canal							
IR50: Assawoman Canal at N end, marina dock							
	8/24/2005	8:15	Surfc	<i>"Gymnodinioid" sp. (S)</i>	15-25 um Grn	Present	
	8/24/2005	8:15	Surfc	<i>Akashiwo sanguineum (B)</i>		Present	
	8/24/2005	8:15	Surfc	<i>Chattonella cf. verruculosa (T)</i>		Present	
	8/24/2005	8:15	Surfc	<i>Gyrodinium instriatum (B)</i>		Present	
	8/24/2005	8:15	Surfc	<i>Heterocapsa rotundata (B)</i>		Present	
	8/24/2005	8:15	Surfc	<i>Kryptoperidinium foliaceum-2 (B)</i>		Common	0.17
LA10: Assawoman Canal @ Kent Ave Bridge							
	8/15/2005	8:15	Surfc	<i>"Gymnodinioid" sp. (S)</i>	15-25 um Grn	Present	
	8/15/2005	8:15	Surfc	<i>"Gymnodinioid" sp. (S)</i>	10-15 um Grn	Present	
	8/15/2005	8:15	Surfc	<i>Akashiwo sanguineum (B)</i>		Present	
	8/15/2005	8:15	Surfc	<i>Chattonella cf. verruculosa (T)</i>		Common	0.93
	8/15/2005	8:15	Surfc	<i>Chattonella subsalsa (T)</i>		Common	0.29
	8/15/2005	8:15	Surfc	<i>Heterocapsa rotundata (B)</i>		Present	
	8/15/2005	8:15	Surfc	<i>Heterosigma akashiwo. (T)</i>		Present	
	8/15/2005	8:15	Surfc	<i>Kryptoperidinium foliaceum-2 (B)</i>		Present	
	8/15/2005	8:15	Surfc	<i>Protooperidinium quinquecorne (B)</i>		Present	
	8/22/2005	8:05	Surfc	<i>Akashiwo sanguineum (B)</i>		Present	
	8/22/2005	8:05	Surfc	<i>Fibrocapsa japonica (T)</i>		Present	
	8/22/2005	8:05	Surfc	<i>Gyrodinium instriatum (B)</i>		Present	
	8/22/2005	8:05	Surfc	<i>Kryptoperidinium foliaceum-2 (B)</i>		Present	
<u>Bethany Loop Canal</u>							
IR62: Loop Canal, Pa Ave terminus, Bethany Beach							
	8/24/2005	9:08	Surfc	<i>Chattonella cf. verruculosa (T)</i>		Common	0.13
	8/24/2005	9:08	Surfc	<i>Chattonella subsalsa (T)</i>		Present	
	8/24/2005	9:08	Surfc	<i>Heterocapsa rotundata (B)</i>		Present	
	8/24/2005	9:08	Surfc	<i>Kryptoperidinium foliaceum-2 (B)</i>		Present	
	8/24/2005	9:08	Surfc	<i>Protooperidinium quinquecorne (B)</i>		Present	
IR64: Bethany Beach canal off dead end at 3rd street East of Evans Rd.							
	8/24/2005	8:57	Surfc	<i>"Gymnodinioid" sp. (S)</i>	15-25 um Grn	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.							
	8/24/2005	8:57	Surfc	<i>Akashiwo sanguineum (B)</i>		Present	
	8/24/2005	8:57	Surfc	<i>Chattonella cf. verruculosa (T)</i>		Present	
	8/24/2005	8:57	Surfc	<i>Heterocapsa rotundata (B)</i>		Present	
Broadkill River							
BR01: Broadkill river @ PEL dock.							
	8/24/2005	10:38	Surfc	<i>"Gymnodinioid" sp. (S)</i>	15-25 um Grn	Present	
	8/24/2005	10:38	Surfc	<i>Chaetoceros sp. (T)</i>		Common	0.29
	8/24/2005	10:38	Surfc	<i>Heterocapsa rotundata (B)</i>		Present	
	8/24/2005	10:38	Surfc	<i>Rhizosolenia spp. (B)</i>		Present	
	8/24/2005	10:45	Net	<i>Chaetoceros sp. (T)</i>		Present	
	8/24/2005	10:45	Net	<i>Ditylum sp. (T)</i>		Present	
	8/24/2005	10:45	Net	<i>Prorocentrum lima (T)</i>		Present	
	8/24/2005	10:45	Net	<i>Pseudo-nitzschia spp. (T)</i>		Present	
	8/24/2005	10:45	Net	<i>Rhizosolenia spp. (B)</i>		Present	
BR20: Broadkill River at Milton tidal pond							
	8/24/2005	11:30	Surfc		No HABs found		
<u>Old Mill Creek</u>							
BR21: Old Mill Creek downstream from Red Mill Pond							
	8/24/2005	12:30	Surfc	<i>"Gymnodinioid" sp. (S)</i>	15-25 um Grn	Present	
	8/24/2005	12:30	Surfc	<i>Anabaena (T)</i>		Common	0.82
	8/24/2005	12:30	Surfc	<i>Kryptoperidinium foliaceum-2 (B)</i>		Common	0.13
Delaware Bay							
<u>Canary Creek</u>							
BR19: Canary Creek at New Road							
	8/24/2005	12:46	Surfc	<i>Chaetoceros sp. (T)</i>		Many	3.08
BR40: Canary Creek at Pilottown Rd							
	8/24/2005	10:20	Surfc	<i>"Gymnodinioid" sp. (S)</i>	15-25 um Grn	Present	
	8/24/2005	10:20	Surfc	<i>Heterocapsa rotundata (B)</i>		Present	
	8/24/2005	10:20	Surfc	<i>Heterosigma akashiwo. (T)</i>		Present	
	8/24/2005	10:20	Surfc	<i>Scrippsiella sp. (B)</i>		Present	
Indian River							
IR04: Warwick Cove							
	8/21/2005	13:22	Surfc	<i>"Gymnodinioid" sp. (S)</i>	15-25 um Grn	Present	
	8/21/2005	13:22	Surfc	<i>Akashiwo sanguineum (B)</i>		Present	
	8/21/2005	13:22	Surfc	<i>Gyrodinium instriatum (B)</i>		Present	
	8/21/2005	13:22	Surfc	<i>Heterocapsa rotundata (B)</i>		Common	0.19
	8/22/2005	9:17	Surfc	<i>"Gymnodinioid" sp. (S)</i>	15-25 um Grn	Present	
	8/22/2005	9:17	Surfc	<i>Heterocapsa rotundata (B)</i>		Present	
	8/22/2005	9:17	Surfc	<i>Heterosigma akashiwo. (T)</i>		Present	
IR07: Holt's Landing State Park							
	8/23/2005	8:48	Surfc	<i>"Gymnodinioid" sp. (S)</i>	15-25 um Grn	Present	

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Indian River							
IR07: Holt's Landing State Park	8/23/2005	8:48	Surfc	<i>Chattonella cf. verruculosa (T)</i>		Present	
	8/23/2005	8:48	Surfc	<i>Heterocapsa rotundata (B)</i>		Present	
IR11: Big Ditch Point	8/22/2005	8:30	Surfc	<i>Heterocapsa rotundata (B)</i>		Present	
	IR20: Bay Colony						
IR21: Inlet to Boat House Pond	8/22/2005	8:10	Surfc	<i>"Gymnodinioid" sp. (S)</i>	15-25 um Grn	Present	
	8/22/2005	8:10	Surfc	<i>Akashiwo sanguineum (B)</i>		Present	
	8/22/2005	8:10	Surfc	<i>Heterocapsa rotundata (B)</i>		Present	
	8/22/2005	8:10	Surfc	<i>Kryptoperidinium foliaceum-2 (B)</i>		Present	
IR36B: James Farm, Pasture Point	8/22/2005	7:15	Surfc	<i>"Gymnodinioid" sp. (S)</i>	15-25 um Grn	Present	
	8/23/2005	8:00	Surfc	<i>Heterocapsa rotundata (B)</i>		Present	
IR5S: DNREC site, Upper Indian River							
IR5S: DNREC site, Upper Indian River	8/18/2005	11:55	Surfc	<i>Chattonella cf. verruculosa (T)</i>		Present	
	8/18/2005	11:55	Surfc	<i>Heterocapsa rotundata (B)</i>		Common	0.17
	8/18/2005	11:55	Surfc	<i>Heterosigma akashiwo. (T)</i>		Present	
	8/25/2005	13:30	Surfc	<i>"Gymnodinioid" sp. (S)</i>	15-25 um Grn	Present	
	8/25/2005	13:30	Surfc	<i>Gyrodinium instriatum (B)</i>		Present	
	8/25/2005	13:30	Surfc	<i>Heterosigma akashiwo. (T)</i>		Common	0.38
White Creek							
IR23: Bethany Marina	8/23/2005	7:30	Surfc	<i>"Gymnodinioid" sp. (S)</i>	15-25 um Grn	Present	
	8/23/2005	7:30	Surfc	<i>Chattonella cf. verruculosa (T)</i>		Present	
	8/23/2005	7:30	Surfc	<i>Heterocapsa rotundata (B)</i>		Common	0.11
	8/23/2005	7:30	Surfc	<i>Kryptoperidinium foliaceum-2 (B)</i>		Common	0.14
IR32: Holly Terrace Acres							
IR32: Holly Terrace Acres	8/15/2005	9:07	Surfc	<i>"Gymnodinioid" sp. (S)</i>	15-25 um Grn	Present	
	8/15/2005	9:07	Surfc	<i>Chattonella cf. verruculosa (T)</i>		Present	
	8/15/2005	9:07	Surfc	<i>Chattonella subsalsa (T)</i>		Present	
	8/15/2005	9:07	Surfc	<i>Fibrocapsa japonica (T)</i>		Present	
	8/15/2005	9:07	Surfc	<i>Heterocapsa rotundata (B)</i>		Present	
	8/15/2005	9:07	Surfc	<i>Kryptoperidinium foliaceum-2 (B)</i>		Present	
	8/15/2005	9:07	Surfc	<i>Prorocentrum minimum (T)</i>		Present	
	8/15/2005	9:07	Surfc	<i>Protooperidinium quinquecorne (B)</i>		Common	0.11
	8/18/2005	9:38	Surfc	<i>"Gymnodinioid" sp. (S)</i>	15-25 um Grn	Common	0.10
	8/18/2005	9:38	Surfc	<i>Akashiwo sanguineum (B)</i>		Present	
	8/18/2005	9:38	Surfc	<i>Chattonella cf. verruculosa (T)</i>		Present	
	8/18/2005	9:38	Surfc	<i>Chattonella subsalsa (T)</i>		Present	
	8/18/2005	9:38	Surfc	<i>Fibrocapsa japonica (T)</i>		Common	0.14
	8/18/2005	9:38	Surfc	<i>Heterocapsa rotundata (B)</i>		Present	
	8/18/2005	9:38	Surfc	<i>Heterosigma akashiwo. (T)</i>		Present	
	8/18/2005	9:38	Surfc	<i>Kryptoperidinium foliaceum-2 (B)</i>		Present	

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Indian River							
<u>White Creek</u>							
IR32: Holly Terrace Acres							
	8/18/2005	9:38	Surfc	<i>Prorocentrum minimum</i> (T)		Present	
	8/18/2005	9:38	Surfc	<i>Protoperidinium quinquecorne</i> (B)		Present	
	8/22/2005	9:09	Surfc	" <i>Gymnodinioid</i> " sp. (S)	15-25 um Grn	Common	0.13
	8/22/2005	9:09	Surfc	<i>Heterocapsa rotundata</i> (B)		Present	
	8/22/2005	9:09	Surfc	<i>Heterosigma akashiwo</i> . (T)		Present	
	8/22/2005	9:09	Surfc	<i>Kryptoperidinium foliaceum-2</i> (B)		Present	
	8/22/2005	9:09	Surfc	<i>Prorocentrum minimum</i> (T)		Present	
	8/25/2005	9:40	Surfc	<i>Gyrodinium instriatum</i> (B)		Present	
	8/25/2005	9:40	Surfc	<i>Heterocapsa rotundata</i> (B)		Present	
IR52B: Mid Channel of White Creek 2 docks N of boat ramp off East shore below IR60A							
	8/13/2005	9:00	Surfc	<i>Chattonella cf. verruculosa</i> (T)		Present	
	8/13/2005	9:00	Surfc	<i>Chattonella subsalsa</i> (T)		Present	
	8/13/2005	9:00	Surfc	<i>Gyrodinium instriatum</i> (B)		Present	
	8/13/2005	9:00	Surfc	<i>Protoperidinium quinquecorne</i> (B)		Many	2.30
	8/13/2005	13:28	Surfc	<i>Chattonella cf. verruculosa</i> (T)		Common	0.13
	8/13/2005	13:28	Surfc	<i>Chattonella subsalsa</i> (T)		Present	
	8/13/2005	13:28	Surfc	<i>Gyrodinium instriatum</i> (B)		Present	
	8/13/2005	13:28	Surfc	<i>Heterocapsa rotundata</i> (B)		Present	
	8/13/2005	13:28	Surfc	<i>Prorocentrum minimum</i> (T)		Present	
	8/13/2005	16:47	Surfc	<i>Protoperidinium quinquecorne</i> (B)		Present	
IR53B: Mid channel of White Creek opposite first Osprey nest N of downstream of IR60A							
	8/13/2005	8:45	Surfc	<i>Chattonella cf. verruculosa</i> (T)		Common	0.46
	8/13/2005	8:45	Surfc	<i>Chattonella subsalsa</i> (T)		Present	
	8/13/2005	8:45	Surfc	<i>Gyrodinium instriatum</i> (B)		Common	0.13
	8/13/2005	8:45	Surfc	<i>Protoperidinium quinquecorne</i> (B)		Many	1.24
	8/13/2005	13:35	Surfc	" <i>Gymnodinioid</i> " sp. (S)	15-25 um Grn	Present	
	8/13/2005	13:35	Surfc	<i>Chattonella cf. verruculosa</i> (T)		Common	0.32
	8/13/2005	13:35	Surfc	<i>Chattonella subsalsa</i> (T)		Common	0.39
	8/13/2005	13:35	Surfc	<i>Gyrodinium instriatum</i> (B)		Common	0.26
	8/13/2005	13:35	Surfc	<i>Kryptoperidinium foliaceum-2</i> (B)		Present	
	8/13/2005	13:35	Surfc	<i>Protoperidinium quinquecorne</i> (B)		Present	
	8/13/2005	16:53	Surfc	<i>Chattonella cf. verruculosa</i> (T)		Common	0.13
	8/13/2005	16:53	Surfc	<i>Chattonella subsalsa</i> (T)		Present	
	8/13/2005	16:53	Surfc	<i>Gyrodinium instriatum</i> (B)		Common	0.32
IR54B: Mid channel at upstream end of docks in first tributary off White Creek N of IR60A							
	8/13/2005	8:55	Surfc	<i>Chattonella cf. verruculosa</i> (T)		Many	1.92
	8/13/2005	8:55	Surfc	<i>Chattonella subsalsa</i> (T)		Many	7.64
	8/13/2005	8:55	Surfc	<i>Gyrodinium instriatum</i> (B)		Present	
	8/13/2005	8:55	Surfc	<i>Kryptoperidinium foliaceum-2</i> (B)		Present	
	8/13/2005	8:55	Surfc	<i>Protoperidinium quinquecorne</i> (B)		Many	1.04
	8/13/2005	13:32	Surfc	<i>Chattonella cf. verruculosa</i> (T)		Common	0.72
	8/13/2005	13:32	Surfc	<i>Chattonella subsalsa</i> (T)		Common	0.13

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Indian River							
<u>White Creek</u>							
IR54B: Mid channel at upstream end of docks in first tributary off White Creek N of IR60A							
	8/13/2005	13:32	Surfc	<i>Gyrodinium instriatum</i> (B)		Common	0.13
	8/13/2005	13:32	Surfc	<i>Prorocentrum minimum</i> (T)		Present	
	8/13/2005	13:32	Surfc	<i>Protoperidinium quinquecorne</i> (B)		Present	
	8/13/2005	16:58	Surfc	<i>Chattonella cf. verruculosa</i> (T)		Common	0.13
	8/13/2005	16:58	Surfc	<i>Gyrodinium instriatum</i> (B)		Common	0.13
	8/13/2005	16:58	Surfc	<i>Protoperidinium quinquecorne</i> (B)		Present	
IR59: White Creek - west prong near Food Lion							
	8/24/2005	8:38	Surfc	" <i>Gymnodinioid</i> " sp. (S)	15-25 um Grn	Present	
	8/24/2005	8:38	Surfc	<i>Gyrodinium instriatum</i> (B)		Present	
	8/24/2005	8:38	Surfc	<i>Heterocapsa rotundata</i> (B)		Present	
	8/24/2005	8:38	Surfc	<i>Kryptoperidinium foliaceum-2</i> (B)		Present	
	8/24/2005	8:38	Surfc	<i>Protoperidinium quinquecorne</i> (B)		Present	
IR60: Rt 26 at Lord Baltimore School							
	8/13/2005	8:35	Surfc	<i>Chattonella subsalsa</i> (T)		Common	0.39
	8/13/2005	8:35	Surfc	<i>Protoperidinium quinquecorne</i> (B)		Many	1.11
	8/13/2005	13:17	Surfc	<i>Protoperidinium quinquecorne</i> (B)		Common	0.65
	8/13/2005	16:40	Surfc	<i>Gyrodinium instriatum</i> (B)		Present	
	8/13/2005	16:40	Surfc	<i>Protoperidinium quinquecorne</i> (B)		Common	0.26
IR60A: 4 Cristy Lane, Ocean View; E Branch of White Creek							
	8/13/2005	7:40	Surfc	<i>Chattonella cf. verruculosa</i> (T)		Present	
	8/13/2005	7:40	Surfc	<i>Chattonella subsalsa</i> (T)		Present	
	8/13/2005	7:40	Surfc	<i>Gyrodinium instriatum</i> (B)		Common	0.19
	8/13/2005	7:40	Surfc	<i>Kryptoperidinium foliaceum-2</i> (B)		Present	
	8/13/2005	7:40	Surfc	<i>Protoperidinium quinquecorne</i> (B)		Many	1.05
	8/13/2005	12:47	Surfc	" <i>Gymnodinioid</i> " sp. (S)	15-25 um Grn	Present	
	8/13/2005	12:47	Surfc	<i>Chattonella cf. verruculosa</i> (T)		Present	
	8/13/2005	12:47	Surfc	<i>Chattonella subsalsa</i> (T)		Common	0.84
	8/13/2005	12:47	Surfc	<i>Gyrodinium instriatum</i> (B)		Many	1.04
	8/13/2005	12:47	Surfc	<i>Heterocapsa rotundata</i> (B)		Present	
	8/13/2005	12:47	Surfc	<i>Protoperidinium quinquecorne</i> (B)		Many	2.41
	8/13/2005	16:05	Surfc	<i>Gyrodinium instriatum</i> (B)		Common	0.13
	8/24/2005	8:25	Surfc	" <i>Gymnodinioid</i> " sp. (S)	15-25 um Grn	Present	
	8/24/2005	8:25	Surfc	<i>Heterocapsa rotundata</i> (B)		Present	
	8/24/2005	8:25	Surfc	<i>Kryptoperidinium foliaceum-2</i> (B)		Present	
IR60AB: Mid channel by boat : 4 Cristy Lane, Ocean View; E Branch of White Creek							
	8/13/2005	8:15	Surfc	<i>Chattonella cf. verruculosa</i> (T)		Common	0.39
	8/13/2005	8:15	Surfc	<i>Chattonella subsalsa</i> (T)		Common	0.58
	8/13/2005	8:15	Surfc	<i>Gyrodinium instriatum</i> (B)		Common	0.20
	8/13/2005	8:15	Surfc	<i>Protoperidinium quinquecorne</i> (B)		Many	3.71
	8/13/2005	8:20	.35 m	<i>Chattonella subsalsa</i> (T)		Common	0.32
	8/13/2005	8:20	.35 m	<i>Protoperidinium quinquecorne</i> (B)		Common	0.39
	8/13/2005	13:00	Surfc	<i>Chattonella cf. verruculosa</i> (T)		Common	0.13

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Indian River

White Creek

IR60AB: Mid channel by boat : 4 Cristy Lane, Ocean View; E Branch of White Creek

8/13/2005	13:00	Surfc		<i>Chattonella subsalsa (T)</i>		Common	0.65
8/13/2005	13:00	Surfc		<i>Gyrodinium instriatum (B)</i>		Common	0.32
8/13/2005	13:00	Surfc		<i>Protoperidinium quinquecorne (B)</i>		Common	0.52
8/13/2005	13:07	1 m		<i>Chattonella cf. verruculosa (T)</i>		Present	
8/13/2005	13:07	1 m		<i>Chattonella subsalsa (T)</i>		Present	
8/13/2005	13:07	1 m		<i>Gyrodinium instriatum (B)</i>		Present	
8/13/2005	13:07	1 m		<i>Protoperidinium quinquecorne (B)</i>		Common	0.39
8/13/2005	16:30	Surfc		<i>"Gymnodinioid" sp. (S)</i>	15-25 um Grn	Present	
8/13/2005	16:30	Surfc		<i>Chattonella cf. verruculosa (T)</i>		Present	
8/13/2005	16:30	Surfc		<i>Chattonella subsalsa (T)</i>		Present	
8/13/2005	16:30	Surfc		<i>Gyrodinium instriatum (B)</i>		Common	0.39

IR60AX: Edge of mud island at low tide opposite: 4 Cristy Lane, Ocean View; E Branch of White Creek

8/13/2005	8:25	Surfc		<i>Chattonella subsalsa (T)</i>		Common	0.78
8/13/2005	8:25	Surfc		<i>Gyrodinium instriatum (B)</i>		Present	
8/13/2005	8:25	Surfc		<i>Protoperidinium quinquecorne (B)</i>		Many	2.41
8/13/2005	13:10	Surfc		<i>"Gymnodinioid" sp. (S)</i>	15-25 um Grn	Present	
8/13/2005	13:10	Surfc		<i>Chattonella cf. verruculosa (T)</i>		Common	0.39
8/13/2005	13:10	Surfc		<i>Chattonella subsalsa (T)</i>		Common	0.84
8/13/2005	13:10	Surfc		<i>Gyrodinium instriatum (B)</i>		Common	0.52
8/13/2005	13:10	Surfc		<i>Protoperidinium quinquecorne (B)</i>		Common	0.52
8/13/2005	16:35	Surfc		<i>Chattonella cf. verruculosa (T)</i>		Common	0.29
8/13/2005	16:35	Surfc		<i>Chattonella subsalsa (T)</i>		Common	0.65
8/13/2005	16:35	Surfc		<i>Gyrodinium instriatum (B)</i>		Many	1.08
8/13/2005	16:35	Surfc		<i>Protoperidinium quinquecorne (B)</i>		Common	0.36

Lewes - Rehoboth Canal

RB02: Lewes - Rehoboth Canal at Lewes

8/15/2005	8:40	Net		<i>"Gymnodinioid" sp. (S)</i>	15-25 um Grn	Present	
8/15/2005	8:40	Net		<i>Chaetoceros sp. (T)</i>		Present	
8/15/2005	8:40	Net		<i>Prorocentrum lima (T)</i>		Present	
8/15/2005	8:40	Net		<i>Rhizosolenia spp. (B)</i>		Present	
8/15/2005	8:40	Surfc		<i>"Gymnodinioid" sp. (S)</i>	15-25 um Grn	Present	
8/15/2005	8:40	Surfc		<i>Chaetoceros sp. (T)</i>		Common	0.10
8/15/2005	8:40	Surfc		<i>Heterocapsa rotundata (B)</i>		Present	
8/22/2005	8:30	Surfc		<i>"Gymnodinioid" sp. (S)</i>	15-25 um Grn	Present	
8/22/2005	8:30	Surfc		<i>Heterocapsa rotundata (B)</i>		Present	
8/22/2005	8:35	Net		<i>Chaetoceros sp. (T)</i>		Present	
8/22/2005	8:35	Net		<i>Heterocapsa rotundata (B)</i>		Present	

Little Assawoman Bay

LA15B: Red channel marker #12

8/15/2005	8:02	Surfc		<i>"Gymnodinioid" sp. (S)</i>	15-25 um Grn	Present	
8/15/2005	8:02	Surfc		<i>Chattonella cf. verruculosa (T)</i>		Present	
8/15/2005	8:02	Surfc		<i>Heterocapsa rotundata (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

Water Body Tributary Site	Date	Time	Smpl Dpth	Name	Comment if ID uncertain	Abundance	MCL
Little Assawoman Bay							
LA15B: Red channel marker #12							
	8/15/2005	8:02	Surfc	<i>Scrippsiella sp. (B)</i>		Present	
LA35B: Red Channel marker #28, across from Miller Creek							
	8/15/2005	7:52	Surfc	<i>"Gymnodinioid" sp. (S)</i>	15-25 um Grn	Common	0.20
	8/15/2005	7:52	Surfc	<i>Chattonella cf. verruculosa (T)</i>		Present	
	8/15/2005	7:52	Surfc	<i>Chattonella subsalsa (T)</i>		Present	
	8/15/2005	7:52	Surfc	<i>Heterocapsa rotundata (B)</i>		Present	
	8/15/2005	7:52	Surfc	<i>Prorocentrum minimum (T)</i>		Present	
LA42B: Narrows, South of state beach at point							
	8/15/2005	7:55	Surfc	<i>"Gymnodinioid" sp. (S)</i>	15-25 um Grn	Common	0.13
	8/15/2005	7:55	Surfc	<i>Akashiwo sanguineum (B)</i>		Present	
	8/15/2005	7:55	Surfc	<i>Chattonella cf. verruculosa (T)</i>		Present	
	8/15/2005	7:55	Surfc	<i>Chattonella subsalsa (T)</i>		Present	
	8/15/2005	7:55	Surfc	<i>Heterocapsa rotundata (B)</i>		Present	
LA45: Fenwick Island Bayside							
	8/23/2005	8:05	Surfc	<i>"Gymnodinioid" sp. (S)</i>	15-25 um Grn	Common	0.10
	8/23/2005	8:05	Surfc	<i>Chattonella cf. verruculosa (T)</i>		Present	
	8/23/2005	8:05	Surfc	<i>Heterosigma akashiwo. (T)</i>		Present	
<u>Dirickson Creek</u>							
LA03: Mulberry Landing							
	8/23/2005	8:15	Surfc	<i>"Gymnodinioid" sp. (S)</i>	15-25 um Grn	Present	
	8/23/2005	8:15	Surfc	<i>Chattonella cf. verruculosa (T)</i>		Present	
LA09: Dirickson Creek at Road 381 bridge.							
	8/23/2005	8:49	Surfc	<i>"Gymnodinioid" sp. (S)</i>	15-25 um Grn	Present	
	8/23/2005	8:49	Surfc	<i>Chattonella subsalsa (T)</i>		Present	
	8/23/2005	8:49	Surfc	<i>Gyrodinium instriatum (B)</i>		Present	
	8/23/2005	8:49	Surfc	<i>Kryptoperidinium foliaceum-2 (B)</i>		Common	0.10
LA20: Swann Keys: boat ramp at S end of Blue Teal Rd							
	8/23/2005	8:20	Surfc	<i>"Gymnodinioid" sp. (S)</i>	15-25 um Grn	Common	0.20
	8/23/2005	8:20	Surfc	<i>Chattonella subsalsa (T)</i>		Present	
	8/23/2005	8:20	Surfc	<i>Heterocapsa rotundata (B)</i>		Present	
	8/23/2005	8:20	Surfc	<i>Heterosigma akashiwo. (T)</i>		Present	
	8/23/2005	8:20	Surfc	<i>Kryptoperidinium foliaceum-2 (B)</i>		Present	
LA22B: Dirickson Creek upper section between Williams Creek and the LA09, mid channel near duck blind.							
	8/15/2005	8:13	Surfc	<i>"Gymnodinioid" sp. (S)</i>	15-25 um Grn	Present	
	8/15/2005	8:13	Surfc	<i>Chattonella cf. verruculosa (T)</i>		Present	
	8/15/2005	8:13	Surfc	<i>Chattonella subsalsa (T)</i>		Present	
	8/15/2005	8:13	Surfc	<i>Gyrodinium instriatum (B)</i>		Present	
	8/15/2005	8:13	Surfc	<i>Heterocapsa rotundata (B)</i>		Present	
	8/15/2005	8:13	Surfc	<i>Heterosigma akashiwo. (T)</i>		Present	
<u>Jefferson Creek</u>							
JC08B: SB, Jefferson Creek Basin between Assawoman canal extensions, access by boat only.							
	8/16/2005	10:35	Surfc	<i>Chattonella cf. verruculosa (T)</i>		Common	0.26
	8/16/2005	10:35	Surfc	<i>Chattonella subsalsa (T)</i>		Common	0.39

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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
Little Assawoman Bay							
<u>Jefferson Creek</u>							
JC08B: SB, Jefferson Creek Basin between Assawoman canal extensions, access by boat only.							
	8/16/2005	10:40	1 m	<i>Chattonella cf. verruculosa (T)</i>		Common	0.39
	8/16/2005	10:40	1 m	<i>Chattonella subsalsa (T)</i>		Present	
	8/16/2005	10:40	1 m	<i>Protoperidinium quinquecorne (B)</i>		Present	
SB10: SB: Intersection of Russell and Jefferson Canals.							
	8/16/2005	10:05	Surfc	<i>Chattonella cf. verruculosa (T)</i>		Many	2.73
	8/16/2005	10:05	Surfc	<i>Chattonella subsalsa (T)</i>		Present	
	8/16/2005	10:07	1 m	<i>Akashiwo sanguineum (B)</i>		Present	
	8/16/2005	10:07	1 m	<i>Chattonella cf. verruculosa (T)</i>		Many	2.80
	8/16/2005	10:07	1 m	<i>Chattonella subsalsa (T)</i>		Common	0.20
	8/16/2005	16:05	Surfc	<i>Chattonella cf. verruculosa (T)</i>		Many	6.89
	8/16/2005	16:05	Surfc	<i>Chattonella subsalsa (T)</i>		Present	
	8/16/2005	16:05	Surfc	<i>Gyrodinium instriatum (B)</i>		Present	
	8/16/2005	16:07	1 m	<i>Chattonella cf. verruculosa (T)</i>		Many	3.38
	8/16/2005	16:07	1 m	<i>Chattonella subsalsa (T)</i>		Common	0.13
SB10E: SB: Russell Canal east dead end							
	8/15/2005	8:39	Surfc	<i>"Gymnodinioid" sp. (S)</i>	15-25 um Grn	Common	0.13
	8/15/2005	8:39	Surfc	<i>Akashiwo sanguineum (B)</i>		Present	
	8/15/2005	8:39	Surfc	<i>Chattonella cf. verruculosa (T)</i>		Abundant	17.60
	8/15/2005	8:39	Surfc	<i>Chattonella subsalsa (T)</i>		Present	
	8/15/2005	8:39	Surfc	<i>Prorocentrum minimum (T)</i>		Present	
	8/16/2005	6:50	Surfc	<i>"Gymnodinioid" sp. (S)</i>	15-25 um Grn	Present	
	8/16/2005	6:50	Surfc	<i>Chattonella cf. verruculosa (T)</i>		Many	1.10
	8/16/2005	6:57	.35 m	<i>"Gymnodinioid" sp. (S)</i>	15-25 um Grn	Present	
	8/16/2005	6:57	.35 m	<i>Chattonella cf. verruculosa (T)</i>		Many	2.30
	8/16/2005	6:57	.35 m	<i>Gyrodinium instriatum (B)</i>		Present	
	8/16/2005	9:27	Surfc	<i>"Gymnodinioid" sp. (S)</i>	15-25 um Grn	Present	
	8/16/2005	9:27	Surfc	<i>Chattonella cf. verruculosa (T)</i>		Common	0.88
	8/16/2005	9:27	Surfc	<i>Kryptoperidinium foliaceum-2 (B)</i>		Present	
	8/16/2005	9:27	Surfc	<i>Prorocentrum minimum (T)</i>		Present	
	8/16/2005	15:45	Surfc	<i>Chattonella cf. verruculosa (T)</i>		Common	0.84
	8/16/2005	15:45	Surfc	<i>Chattonella subsalsa (T)</i>		Present	
	8/16/2005	15:50	.4 m	<i>Chattonella cf. verruculosa (T)</i>		Common	0.39
	8/18/2005	9:17	Surfc	<i>"Gymnodinioid" sp. (S)</i>	15-25 um Grn	Present	
	8/18/2005	9:17	Surfc	<i>Chattonella cf. verruculosa (T)</i>		Common	0.11
	8/18/2005	9:17	Surfc	<i>Heterosigma akashiwo. (T)</i>		Common	0.75
	8/22/2005	8:30	Surfc	<i>Chattonella cf. verruculosa (T)</i>		Common	0.32
	8/22/2005	8:30	Surfc	<i>Chattonella subsalsa (T)</i>		Present	
	8/22/2005	8:30	Surfc	<i>Heterosigma akashiwo. (T)</i>		Present	
	8/25/2005	9:22	Surfc	<i>Chattonella cf. verruculosa (T)</i>		Common	0.22
	8/25/2005	9:22	Surfc	<i>Heterosigma akashiwo. (T)</i>		Many	1.44
	8/25/2005	9:22	Surfc	<i>Kryptoperidinium foliaceum-2 (B)</i>		Common	0.15
SB10ME: Russell Canal midway between east bulkhead and Jefferson Canal							

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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
Little Assawoman Bay							
<u>Jefferson Creek</u>							
SB10ME: Russell Canal midway between east bulkhead and Jefferson Canal							
	8/16/2005	9:55	Surfc	<i>Chattonella cf. verruculosa (T)</i>		Many	1.50
	8/16/2005	9:55	Surfc	<i>Chattonella subsalsa (T)</i>		Common	0.13
	8/16/2005	9:57	1 m	<i>Chattonella cf. verruculosa (T)</i>		Common	0.98
	8/16/2005	9:57	1 m	<i>Heterosigma akashiwo. (T)</i>		Present	
	8/16/2005	9:57	1 m	<i>Kryptoperidinium foliaceum-2 (B)</i>		Present	
	8/16/2005	15:55	Surfc	<i>Chattonella cf. verruculosa (T)</i>		Many	4.55
	8/16/2005	15:55	Surfc	<i>Heterosigma akashiwo. (T)</i>		Present	
	8/16/2005	16:00	1 m	<i>Chattonella cf. verruculosa (T)</i>		Many	1.76
	8/16/2005	16:00	1 m	<i>Heterosigma akashiwo. (T)</i>		Present	
SB10MW: Russell Canal midway between west bulkhead and Jefferson Canal							
	8/16/2005	10:15	Surfc	<i>Chattonella cf. verruculosa (T)</i>		Many	3.44
	8/16/2005	10:15	Surfc	<i>Chattonella subsalsa (T)</i>		Common	0.13
	8/16/2005	10:18	1 m	<i>Chattonella cf. verruculosa (T)</i>		Many	3.00
	8/16/2005	10:18	1 m	<i>Heterosigma akashiwo. (T)</i>		Common	0.20
	8/16/2005	10:18	1 m	<i>Kryptoperidinium foliaceum-2 (B)</i>		Common	0.13
	8/16/2005	16:18	Surfc	<i>Chattonella cf. verruculosa (T)</i>		Common	0.98
	8/16/2005	16:20	1 m	<i>"Gymnodinioid" sp. (S)</i>	15-25 um Grn	Present	
	8/16/2005	16:20	1 m	<i>Chattonella cf. verruculosa (T)</i>		Common	0.90
SB10W: SB: Russell Canal west dead end							
	8/15/2005	8:51	Surfc	<i>"Gymnodinioid" sp. (S)</i>	15-25 um Grn	Common	0.17
	8/15/2005	8:51	Surfc	<i>Chattonella cf. verruculosa (T)</i>		Many	1.63
	8/15/2005	8:51	Surfc	<i>Chattonella subsalsa (T)</i>		Present	
	8/15/2005	8:51	Surfc	<i>Heterocapsa rotundata (B)</i>		Present	
	8/15/2005	8:51	Surfc	<i>Heterosigma akashiwo. (T)</i>		Present	
	8/15/2005	8:51	Surfc	<i>Kryptoperidinium foliaceum-2 (B)</i>		Common	0.10
	8/16/2005	6:35	Surfc	<i>Chattonella cf. verruculosa (T)</i>		Common	0.71
	8/16/2005	6:35	Surfc	<i>Heterosigma akashiwo. (T)</i>		Common	0.13
	8/16/2005	6:45	.55 m	<i>Chattonella cf. verruculosa (T)</i>		Many	2.60
	8/16/2005	6:45	.55 m	<i>Heterosigma akashiwo. (T)</i>		Present	
	8/16/2005	9:45	Surfc	<i>Chattonella cf. verruculosa (T)</i>		Many	6.16
	8/16/2005	9:45	Surfc	<i>Heterosigma akashiwo. (T)</i>		Present	
	8/16/2005	16:10	Surfc	<i>"Gymnodinioid" sp. (S)</i>	15-25 um Grn	Present	
	8/16/2005	16:10	Surfc	<i>Chattonella cf. verruculosa (T)</i>		Many	8.36
	8/16/2005	16:10	Surfc	<i>Chattonella subsalsa (T)</i>		Present	
	8/16/2005	16:10	Surfc	<i>Heterosigma akashiwo. (T)</i>		Present	
	8/16/2005	16:15	.8 m	<i>"Gymnodinioid" sp. (S)</i>	15-25 um Grn	Present	
	8/16/2005	16:15	.8 m	<i>Chattonella cf. verruculosa (T)</i>		Many	6.20
	8/17/2005	8:15	Surfc	<i>Chattonella cf. verruculosa (T)</i>		Many	1.45
	8/17/2005	8:15	Surfc	<i>Chattonella subsalsa (T)</i>		Present	
	8/17/2005	8:15	Surfc	<i>Heterosigma akashiwo. (T)</i>		Common	0.38
	8/17/2005	8:15	Surfc	<i>Kryptoperidinium foliaceum-2 (B)</i>		Common	0.11
	8/18/2005	9:13	Surfc	<i>Chattonella cf. verruculosa (T)</i>		Present	

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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>							
SB10W: SB: Russell Canal west dead end							
	8/18/2005	9:13	Surfc	<i>Heterosigma akashiwo. (T)</i>		Common	0.38
	8/18/2005	9:13	Surfc	<i>Kryptoperidinium foliaceum-2 (B)</i>		Common	0.10
	8/22/2005	8:38	Surfc	<i>Chattonella cf. verruculosa (T)</i>		Common	0.91
	8/22/2005	8:38	Surfc	<i>Heterosigma akashiwo. (T)</i>		Common	0.13
	8/22/2005	8:38	Surfc	<i>Kryptoperidinium foliaceum-2 (B)</i>		Present	
	8/25/2005	9:17	Surfc	<i>Chattonella cf. verruculosa (T)</i>		Common	0.29
	8/25/2005	9:17	Surfc	<i>Heterosigma akashiwo. (T)</i>		Common	0.13
	8/25/2005	9:17	Surfc	<i>Kryptoperidinium foliaceum-2 (B)</i>		Common	0.31
SB14E: SB: Peterson Canal east dead end							
	8/16/2005	9:32	Surfc	<i>"Gymnodinioid" sp. (S)</i>	15-25 um Grn	Present	
	8/16/2005	9:32	Surfc	<i>Chattonella cf. verruculosa (T)</i>		Common	0.25
	8/16/2005	9:32	Surfc	<i>Heterocapsa rotundata (B)</i>		Present	
SB14W: SB: Peterson Canal west dead end							
	8/16/2005	9:53	Surfc	<i>"Gymnodinioid" sp. (S)</i>	15-25 um Grn	Present	
	8/16/2005	9:53	Surfc	<i>Chattonella cf. verruculosa (T)</i>		Many	9.13
	8/16/2005	9:53	Surfc	<i>Chattonella subsalsa (T)</i>		Present	
	8/16/2005	12:15	Surfc	<i>"Gymnodinioid" sp. (S)</i>	15-25 um Grn	Present	
	8/16/2005	12:15	Surfc	<i>Chattonella cf. verruculosa (T)</i>		Abundant	15.54
	8/16/2005	15:55	Surfc	<i>"Gymnodinioid" sp. (S)</i>	15-25 um Grn	Common	0.23
	8/16/2005	15:55	Surfc	<i>Akashiwo sanguineum (B)</i>		Present	
	8/16/2005	15:55	Surfc	<i>Chattonella cf. verruculosa (T)</i>		Abundant	18.70
	8/16/2005	15:55	Surfc	<i>Chattonella subsalsa (T)</i>		Common	0.14
	8/16/2005	15:55	Surfc	<i>Heterocapsa rotundata (B)</i>		Common	0.10
	8/16/2005	15:55	Surfc	<i>Heterosigma akashiwo. (T)</i>		Present	
	8/16/2005	15:55	Surfc	<i>Scrippsiella sp. (B)</i>		Present	
	8/17/2005	8:22	Surfc	<i>"Gymnodinioid" sp. (S)</i>	15-25 um Grn	Common	0.11
	8/17/2005	8:22	Surfc	<i>Akashiwo sanguineum (B)</i>		Present	
	8/17/2005	8:22	Surfc	<i>Chattonella cf. verruculosa (T)</i>		Abundant	16.10
	8/17/2005	8:22	Surfc	<i>Chattonella subsalsa (T)</i>		Common	0.20
	8/17/2005	8:22	Surfc	<i>Gyrodinium instriatum (B)</i>		Present	
	8/17/2005	8:22	Surfc	<i>Heterocapsa rotundata (B)</i>		Present	
	8/17/2005	8:22	Surfc	<i>Heterosigma akashiwo. (T)</i>		Present	
	8/22/2005	8:43	Surfc	<i>"Gymnodinioid" sp. (S)</i>	15-25 um Grn	Present	
	8/22/2005	8:43	Surfc	<i>Chattonella cf. verruculosa (T)</i>		Common	0.50
	8/22/2005	8:43	Surfc	<i>Chattonella subsalsa (T)</i>		Present	
	8/22/2005	8:43	Surfc	<i>Heterosigma akashiwo. (T)</i>		Common	0.11
SB15E: SB: West Canal east dead end							
	8/16/2005	9:36	Surfc	<i>Chattonella cf. verruculosa (T)</i>		Common	0.20
SB15W: SB: West Canal west dead end							
	8/16/2005	10:11	Surfc	<i>"Gymnodinioid" sp. (S)</i>	15-25 um Grn	Present	
	8/16/2005	10:11	Surfc	<i>Chattonella cf. verruculosa (T)</i>		Many	4.62
	8/16/2005	10:11	Surfc	<i>Chattonella subsalsa (T)</i>		Present	

Name subsripts: (B) - nontoxic bloom former; (S) - cell similar to a known toxic cell; (T) - potentially toxic cell.
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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>							
SB15W: SB: West Canal west dead end							
	8/16/2005	15:44	Surfc	<i>"Gymnodinioid" sp. (S)</i>	15-25 um Grn	Present	
	8/16/2005	15:44	Surfc	<i>Chattonella cf. verruculosa (T)</i>		Many	8.40
	8/16/2005	15:44	Surfc	<i>Chattonella subsalsa (T)</i>		Present	
	8/16/2005	15:44	Surfc	<i>Heterocapsa rotundata (B)</i>		Present	
	8/16/2005	15:44	Surfc	<i>Scrippsiella sp. (B)</i>		Present	
SB16W: SB: Jefferson Canal west side @ W. 9th St							
	8/16/2005	9:48	Surfc	<i>"Gymnodinioid" sp. (S)</i>	15-25 um Grn	Present	
	8/16/2005	9:48	Surfc	<i>Chattonella cf. verruculosa (T)</i>		Many	4.40
	8/16/2005	9:48	Surfc	<i>Chattonella subsalsa (T)</i>		Present	
	8/16/2005	9:48	Surfc	<i>Heterosigma akashiwo. (T)</i>		Present	
	8/16/2005	16:00	Surfc	<i>"Gymnodinioid" sp. (S)</i>	15-25 um Grn	Present	
	8/16/2005	16:00	Surfc	<i>Chattonella cf. verruculosa (T)</i>		Many	2.40
SB17W: SB: Jefferson Canal west side @ W. 8th St							
	8/16/2005	10:04	Surfc	<i>"Gymnodinioid" sp. (S)</i>	15-25 um Grn	Present	
	8/16/2005	10:04	Surfc	<i>Chattonella cf. verruculosa (T)</i>		Many	1.10
	8/16/2005	10:04	Surfc	<i>Chattonella subsalsa (T)</i>		Present	
	8/16/2005	10:04	Surfc	<i>Heterosigma akashiwo. (T)</i>		Present	
	8/16/2005	15:48	Surfc	<i>"Gymnodinioid" sp. (S)</i>	15-25 um Grn	Present	
	8/16/2005	15:48	Surfc	<i>Chattonella cf. verruculosa (T)</i>		Many	2.64
SB18W: SB: Jefferson Canal west side @ W. 7th St							
	8/16/2005	10:16	Surfc	<i>Chattonella cf. verruculosa (T)</i>		Common	0.89
	8/16/2005	10:16	Surfc	<i>Chattonella subsalsa (T)</i>		Common	0.21
	8/16/2005	10:16	Surfc	<i>Heterosigma akashiwo. (T)</i>		Common	0.62
	8/16/2005	15:35	Surfc	<i>"Gymnodinioid" sp. (S)</i>	15-25 um Grn	Present	
	8/16/2005	15:35	Surfc	<i>Chattonella cf. verruculosa (T)</i>		Many	2.10
SB19W: SB: Jefferson Canal west side @ W. 6th St							
	8/16/2005	10:28	Surfc	<i>Akashiwo sanguineum (B)</i>		Present	
	8/16/2005	10:28	Surfc	<i>Chattonella cf. verruculosa (T)</i>		Present	
	8/16/2005	10:28	Surfc	<i>Chattonella subsalsa (T)</i>		Common	0.72
	8/16/2005	10:28	Surfc	<i>Heterosigma akashiwo. (T)</i>		Common	0.20
	8/16/2005	15:17	Surfc	<i>"Gymnodinioid" sp. (S)</i>	15-25 um Grn	Present	
	8/16/2005	15:17	Surfc	<i>Chattonella cf. verruculosa (T)</i>		Many	2.49
	8/16/2005	15:17	Surfc	<i>Protoperidinium quinquecorne (B)</i>		Present	
SB22: SB: Jefferson Canal mid @ 3rd St.							
	8/16/2005	10:27	Surfc	<i>Chattonella cf. verruculosa (T)</i>		Common	0.32
	8/16/2005	10:27	Surfc	<i>Chattonella subsalsa (T)</i>		Common	0.72
	8/16/2005	10:27	Surfc	<i>Heterosigma akashiwo. (T)</i>		Present	
	8/16/2005	10:30	1 m	<i>Chattonella cf. verruculosa (T)</i>		Common	0.39
	8/16/2005	10:30	1 m	<i>Chattonella subsalsa (T)</i>		Common	0.20
SB36W: SB: 6th Canal west dead end.							
	8/16/2005	10:33	Surfc	<i>Akashiwo sanguineum (B)</i>		Present	
	8/16/2005	10:33	Surfc	<i>Chattonella cf. verruculosa (T)</i>		Common	0.39

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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>							
SB36W: SB: 6th Canal west dead end.							
	8/16/2005	10:33	Surfc	<i>Chattonella subsalsa</i> (T)		Common	0.46
	8/16/2005	10:33	Surfc	<i>Heterosigma akashiwo.</i> (T)		Present	
SB37W: SB: 7th Canal west dead end							
	8/16/2005	10:22	Surfc	<i>Chattonella cf. verruculosa</i> (T)		Common	0.32
	8/16/2005	10:22	Surfc	<i>Chattonella subsalsa</i> (T)		Common	0.13
<u>Miller Creek</u>							
LA33B: Camp Barnes dock - by boat							
	8/15/2005	7:41	Surfc	<i>"Gymnodinioid" sp. (S)</i>	15-25 um Grn	Common	0.45
	8/15/2005	7:41	Surfc	<i>Chattonella cf. verruculosa</i> (T)		Present	
	8/15/2005	7:41	Surfc	<i>Gyrodinium instriatum</i> (B)		Present	
	8/15/2005	7:41	Surfc	<i>Heterocapsa rotundata</i> (B)		Common	0.46
	8/15/2005	7:41	Surfc	<i>Heterosigma akashiwo.</i> (T)		Present	
Rehoboth Bay							
ML: Massey's Landing							
	8/22/2005	10:56	Surfc	<i>Chaetoceros sp. (T)</i>		Present	
	8/22/2005	10:56	Surfc	<i>Heterocapsa rotundata</i> (B)		Present	
RB07: West Bay Park							
	8/23/2005	8:40	Surfc	<i>"Gymnodinioid" sp. (S)</i>	15-25 um Grn	Common	0.10
	8/23/2005	8:40	Surfc	<i>Chattonella cf. verruculosa</i> (T)		Present	
	8/23/2005	8:40	Surfc	<i>Heterocapsa rotundata</i> (B)		Present	
	8/23/2005	8:40	Surfc	<i>Heterosigma akashiwo.</i> (T)		Present	
RB20: Rehoboth Bay, Dodd Street Ramp							
	8/24/2005	12:05	Surfc	<i>"Gymnodinioid" sp. (S)</i>	15-25 um Grn	Common	0.21
	8/24/2005	12:05	Surfc	<i>Chattonella cf. verruculosa</i> (T)		Present	
	8/24/2005	12:05	Surfc	<i>Heterocapsa rotundata</i> (B)		Many	2.20
	8/24/2005	12:05	Surfc	<i>Protoperidinium quinquecorne</i> (B)		Present	
RB67B: Rehoboth Bay, Buoy #7A							
	8/18/2005	11:30	Surfc	<i>Chaetoceros sp. (T)</i>		Present	
	8/18/2005	11:30	Surfc	<i>Heterocapsa rotundata</i> (B)		Present	
RB68B: Rehoboth Bay, Buoy # 3							
	8/18/2005	11:45	Surfc	<i>"Gymnodinioid" sp. (S)</i>	15-25 um Grn	Common	0.13
	8/18/2005	11:45	Surfc	<i>Akashiwo sanguineum</i> (B)		Present	
	8/18/2005	11:45	Surfc	<i>Chattonella cf. verruculosa</i> (T)		Common	0.13
	8/18/2005	11:45	Surfc	<i>Heterocapsa rotundata</i> (B)		Present	
	8/18/2005	11:45	Surfc	<i>Prorocentrum gracile</i> (B)		Present	
<u>Bald Eagle Creek</u>							
RB46: Torquay Canal at East bulkhead on Land's End.							
	8/23/2005	9:34	Surfc	<i>"Gymnodinioid" sp. (S)</i>	15-25 um Grn	Many	1.11
	8/23/2005	9:34	Surfc	<i>Gyrodinium instriatum</i> (B)		Present	
	8/23/2005	9:34	Surfc	<i>Heterocapsa rotundata</i> (B)		Common	0.30
	8/23/2005	9:34	Surfc	<i>Heterosigma akashiwo.</i> (T)		Present	
	8/23/2005	9:34	Surfc	<i>Kryptoperidinium foliaceum-2</i> (B)		Present	

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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>							
RB69: Torquay Canal DNREC site. TC1							
	8/18/2005	14:00	Surfc	"Gymnodinioid" sp. (S)	15-25 um Grn	Common	0.36
	8/18/2005	14:00	Surfc	Chattonella cf. verruculosa (T)		Many	12.80
	8/18/2005	14:00	Surfc	Gyrodinium instriatum (B)		Present	
	8/18/2005	14:00	Surfc	Heterocapsa rotundata (B)		Common	0.28
	8/25/2005	15:25	Surfc	"Gymnodinioid" sp. (S)	15-25 um Grn	Present	
	8/25/2005	15:25	Surfc	Chattonella cf. verruculosa (T)		Present	
	8/25/2005	15:25	Surfc	Gyrodinium instriatum (B)		Present	
	8/25/2005	15:25	Surfc	Heterocapsa rotundata (B)		Common	0.41
	8/25/2005	15:25	Surfc	Heterosigma akashiwo. (T)		Common	0.28
<u>Guinea Creek</u>							
RB05: Mouth of Guinea Creek (Pot Nets Creekside)							
	8/22/2005	11:32	Surfc	"Gymnodinioid" sp. (S)	15-25 um Grn	Present	
	8/22/2005	11:32	Surfc	Akashiwo sanguineum (B)		Present	
	8/22/2005	11:32	Surfc	Chattonella cf. verruculosa (T)		Present	
	8/22/2005	11:32	Surfc	Heterocapsa rotundata (B)		Present	
RB06: Guinea Creek (Winding Creek Village)							
	8/22/2005	8:30	Surfc	Gyrodinium instriatum (B)		Present	
	8/22/2005	8:30	Surfc	Heterosigma akashiwo. (T)		Present	
RB06A: Guinea Creek @ Rd 298 Bridge							
	8/22/2005	12:02	Surfc	"Gymnodinioid" sp. (S)	10-15 um Grn	Present	
	8/22/2005	12:02	Surfc	"Gymnodinioid" sp. (S)	15-25 um Grn	Common	0.38
	8/22/2005	12:02	Surfc	Chattonella cf. verruculosa (T)		Common	0.16
	8/22/2005	12:02	Surfc	Chattonella subsalsa (T)		Common	0.13
	8/22/2005	12:02	Surfc	Gyrodinium instriatum (B)		Present	
	8/22/2005	12:02	Surfc	Heterocapsa rotundata (B)		Present	
	8/22/2005	12:02	Surfc	Heterosigma akashiwo. (T)		Common	0.20
	8/22/2005	12:02	Surfc	Kryptoperidinium foliaceum-2 (B)		Present	
RB60: Community Dock at Creek's End							
	8/22/2005	7:30	Surfc	"Gymnodinioid" sp. (S)	15-25 um Grn	Present	
	8/22/2005	7:30	Surfc	Gyrodinium instriatum (B)		Present	
	8/22/2005	7:30	Surfc	Heterosigma akashiwo. (T)		Present	
	8/22/2005	7:30	Surfc	Kryptoperidinium foliaceum-2 (B)		Present	
<u>Herring Creek</u>							
RB04: Herring Creek, Mid-Section							
	8/22/2005	12:24	Surfc	"Gymnodinioid" sp. (S)	15-25 um Grn	Present	
	8/22/2005	12:24	Surfc	Gyrodinium instriatum (B)		Present	
	8/22/2005	12:24	Surfc	Heterocapsa rotundata (B)		Present	
<u>Love Creek</u>							
RB34: Love Creek at Rt 24 Bridge							
	8/15/2005	9:15	Surfc	"Gymnodinioid" sp. (S)	15-25 um Grn	Present	
	8/15/2005	9:15	Surfc	Chattonella cf. verruculosa (T)		Common	0.29

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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>							
RB34: Love Creek at Rt 24 Bridge							
	8/15/2005	9:15	Surfc	<i>Chattonella subsalsa</i> (T)		Common	0.16
	8/15/2005	9:15	Surfc	<i>Gyrodinium instriatum</i> (B)		Common	1.42
	8/15/2005	9:15	Surfc	<i>Heterosigma akashiwo</i> . (T)		Common	0.52
	8/15/2005	9:15	Surfc	<i>Kryptoperidinium foliaceum-1</i> (B)		Present	
	8/15/2005	9:15	Surfc	<i>Kryptoperidinium foliaceum-2</i> (B)		Common	0.17
	8/15/2005	9:15	Surfc	<i>Protooperidinium quinquecorne</i> (B)		Present	
	8/15/2005	9:15	Surfc	<i>Scrippsiella</i> sp. (B)		Present	
	8/18/2005	9:20	Surfc	" <i>Gymnodinioid</i> " sp. (S)	15-25 um Grn	Common	0.35
	8/18/2005	9:20	Surfc	<i>Chattonella cf. verruculosa</i> (T)		Present	
	8/18/2005	9:20	Surfc	<i>Chattonella subsalsa</i> (T)		Present	
	8/18/2005	9:20	Surfc	<i>Gyrodinium instriatum</i> (B)		Many	1.66
	8/18/2005	9:20	Surfc	<i>Heterosigma akashiwo</i> . (T)		Common	0.26
	8/18/2005	9:20	Surfc	<i>Kryptoperidinium foliaceum-2</i> (B)		Present	
	8/22/2005	12:55	Surfc	<i>Chattonella cf. verruculosa</i> (T)		Many	2.15
	8/22/2005	12:55	Surfc	<i>Chattonella subsalsa</i> (T)		Common	0.95
	8/22/2005	12:55	Surfc	<i>Gyrodinium instriatum</i> (B)		Many	1.26
	8/22/2005	12:55	Surfc	<i>Kryptoperidinium foliaceum-2</i> (B)		Present	
	8/22/2005	12:55	Surfc	<i>Scrippsiella</i> sp. (B)		Present	
	8/25/2005	8:50	Surfc	" <i>Gymnodinioid</i> " sp. (S)	15-25 um Grn	Present	
	8/25/2005	8:50	Surfc	<i>Chattonella cf. verruculosa</i> (T)		Common	0.56
	8/25/2005	8:50	Surfc	<i>Chattonella subsalsa</i> (T)		Common	0.41
	8/25/2005	8:50	Surfc	<i>Gyrodinium instriatum</i> (B)		Many	1.58
	8/25/2005	8:50	Surfc	<i>Heterocapsa rotundata</i> (B)		Present	
	8/25/2005	8:50	Surfc	<i>Heterosigma akashiwo</i> . (T)		Present	
	8/25/2005	8:50	Surfc	<i>Kryptoperidinium foliaceum-2</i> (B)		Present	
	8/25/2005	8:50	Surfc	<i>Protooperidinium quinquecorne</i> (B)		Present	
RLC1W: shellfish site, mouth of Love Creek.							
	8/18/2005	12:00	Surfc	" <i>Gymnodinioid</i> " sp. (S)	15-25 um Grn	Common	0.16
	8/18/2005	12:00	Surfc	<i>Chattonella cf. verruculosa</i> (T)		Present	
	8/18/2005	12:00	Surfc	<i>Gyrodinium instriatum</i> (B)		Common	0.15
	8/18/2005	12:00	Surfc	<i>Heterocapsa rotundata</i> (B)		Present	
	8/18/2005	12:00	Surfc	<i>Kryptoperidinium foliaceum-2</i> (B)		Present	
RLC2S: DNREC site, upper Love Creek							
	8/18/2005	12:45	Surfc	<i>Chattonella cf. verruculosa</i> (T)		Common	0.19
	8/18/2005	12:45	Surfc	<i>Chattonella subsalsa</i> (T)		Present	
	8/18/2005	12:45	Surfc	<i>Gyrodinium instriatum</i> (B)		Many	1.89
	8/18/2005	12:45	Surfc	<i>Heterocapsa rotundata</i> (B)		Present	
	8/18/2005	12:45	Surfc	<i>Heterosigma akashiwo</i> . (T)		Present	
	8/18/2005	12:45	Surfc	<i>Kryptoperidinium foliaceum-2</i> (B)		Present	
	8/18/2005	12:45	Surfc	<i>Protooperidinium quinquecorne</i> (B)		Present	
	8/25/2005	14:40	Surfc	" <i>Gymnodinioid</i> " sp. (S)	15-25 um Grn	Common	0.26
	8/25/2005	14:40	Surfc	<i>Chattonella cf. verruculosa</i> (T)		Many	3.65

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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>Love Creek</u>							
RLC2S: DNREC site, upper Love Creek							
	8/25/2005	14:40	Surfc	<i>Chattonella subsalsa (T)</i>		Many	1.88
	8/25/2005	14:40	Surfc	<i>Cochlodinium sp. (T)</i>		Present	
	8/25/2005	14:40	Surfc	<i>Gyrodinium instriatum (B)</i>		Many	6.40
	8/25/2005	14:40	Surfc	<i>Heterocapsa rotundata (B)</i>		Common	0.12
	8/25/2005	14:40	Surfc	<i>Heterosigma akashiwo. (T)</i>		Present	
	8/25/2005	14:40	Surfc	<i>Kryptoperidinium foliaceum-2 (B)</i>		Present	
	8/25/2005	14:40	Surfc	<i>Protoperidinium quinquecorne (B)</i>		Present	
	8/25/2005	14:40	Surfc	<i>Scrippsiella sp. (B)</i>		Present	

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