

# Harmful Algae Report

Delaware Inland Bays Citizen Monitor Program

All data from 7/26/03

Water Body Tributary Site	Date	Time	Smpl Dpth	Name	Comment if ID uncertain	Abundance	MCL
<b>Assawoman Bay</b>							
<u>Roy Creek</u>							
BA01: Keenwick on Bay, Roy Creek							
	7/28/03	9:25	Surfc	<i>"Gymnodinioid" sp. (S)</i>	15-25 um Grn	Present	
	7/28/03	9:25	Surfc	<i>Chaetoceros sp. (T)</i>		Present	
	7/28/03	9:25	Surfc	<i>Chattonella cf. verruculosa (T)</i>		Present	
	7/28/03	9:25	Surfc	<i>Heterocapsa rotundata (B)</i>		Present	
BA02: Keenwick Sound, entrance to canal system							
	7/28/03	9:10	Surfc	<i>"Gymnodinioid" sp. (S)</i>	15-25 um Grn	Common	0.75
	7/28/03	9:10	Surfc	<i>Chattonella cf. verruculosa (T)</i>		Common	0.38
	7/28/03	9:10	Surfc	<i>Chattonella subsalsa (T)</i>		Present	
	7/28/03	9:10	Surfc	<i>Gyrodinium instriatum (B)</i>		Present	
	7/28/03	9:10	Surfc	<i>Heterocapsa rotundata (B)</i>		Common	
	7/28/03	9:10	Surfc	<i>Kryptoperidium foliaceum-2 (B)</i>		Present	
<b>Assawoman Canal</b>							
LA10: BB: Assawoman Canal @ Kent Ave Bridge							
	7/28/03	8:05	Surfc	<i>Chattonella subsalsa (T)</i>		Present	
	7/28/03	8:05	Surfc	<i>Heterocapsa rotundata (B)</i>		Present	
	7/28/03	8:05	Surfc	<i>Kryptoperidium foliaceum-2 (B)</i>		Present	
	8/ 3/03	7:30	Surfc	<i>Akashiwo sanguineum (B)</i>		Present	
	8/ 3/03	7:30	Surfc	<i>Chattonella cf. verruculosa (T)</i>		Present	
	8/ 3/03	7:30	Surfc	<i>Chattonella subsalsa (T)</i>		Present	
	8/ 3/03	7:30	Surfc	<i>Gyrodinium instriatum (B)</i>		Present	
<b>Delaware Bay</b>							
DB22: Delaware Bay at Station 22							
	7/30/03	15:50	Surfc	<i>Chaetoceros sp. (T)</i>		Common	
	7/30/03	15:50	Surfc	<i>Heterocapsa rotundata (B)</i>		Present	
	7/30/03	15:50	Surfc	<i>Prorocentrum minimum (T)</i>		Present	
	7/30/03	15:50	Surfc	<i>Scrippsiella sp. (B)</i>		Present	
<u>Bald Eagle Creek</u>							
RB47: Bald Eagle Creek							
	8/ 6/03	9:30	Surfc	<i>Akashiwo sanguineum (B)</i>		Present	
	8/ 6/03	9:30	Surfc	<i>Chaetoceros sp. (T)</i>		Common	
	8/ 6/03	9:30	Surfc	<i>Gyrodinium instriatum (B)</i>		Common	
	8/ 6/03	9:30	Surfc	<i>Heterocapsa rotundata (B)</i>		Present	
	8/ 6/03	9:30	Surfc	<i>Kryptoperidium foliaceum-2 (B)</i>		Common	
<b>Indian River</b>							
IR04: Warwick Cove							
	7/28/03	9:59	Surfc		No HABs found		
IR07: Holt's Landing State Park							
	7/28/03	12:00	Surfc	<i>Gyrodinium instriatum (B)</i>		Present	

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

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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Water Body Tributary Site	Date	Time	Smpl Dpth	Name	Comment if ID uncertain	Abundance	MCL
<b>Indian River</b>							
IR07: Holt's Landing State Park	7/28/03	12:00	Surfc	<i>Heterocapsa rotundata</i> (B)		Present	
IR11: Big Ditch Point	7/28/03	7:00	Surfc	"Gymnodinioid" sp. (S)	15-25 um Grn	Present	
	7/28/03	7:00	Surfc	<i>Kryptoperidium foliaceum-2</i> (B)		Present	
IR20: Bay Colony	7/31/03	8:05	Surfc	<i>Heterocapsa rotundata</i> (B)		Present	
IR36B: James Farm, Pasture Point	7/27/03	12:00	Surfc	<i>Gyrodinium instriatum</i> (B)		Present	
	7/27/03	12:00	Surfc	<i>Heterocapsa rotundata</i> (B)		Present	
	7/27/03	12:00	Surfc	<i>Kryptoperidium foliaceum-2</i> (B)		Present	
IR5S: DNREC site, Upper Indian River	8/ 4/03	11:35	Surfc	<i>Gyrodinium instriatum</i> (B)		Present	
IRB5W: shellfish site, upper Indian River Bay	8/ 4/03	11:39	Surfc	<i>Akashiwo sanguineum</i> (B)		Present	
	8/ 4/03	11:39	Surfc	<i>Chaetoceros</i> sp. (T)		Common	0.10
	8/ 4/03	11:39	Surfc	<i>Gyrodinium instriatum</i> (B)		Present	
	8/ 4/03	11:39	Surfc	<i>Heterosigma akashiwo</i> . (T)		Common	0.10
	8/ 4/03	11:39	Surfc	<i>Kryptoperidium foliaceum-2</i> (B)		Present	
	8/ 4/03	11:39	Surfc	<i>Scrippsiella</i> sp. (B)		Present	
<b>Pepper Creek</b>							
IP2S: DNREC site, upper Pepper Creek	8/ 4/03	10:21	Surfc	<i>Chaetoceros</i> sp. (T)		Common	
	8/ 4/03	10:21	Surfc	<i>Gyrodinium instriatum</i> (B)		Abundant	13.50
	8/ 4/03	10:21	Surfc	<i>Heterosigma akashiwo</i> . (T)		Present	
	8/ 4/03	10:21	Surfc	<i>Kryptoperidium foliaceum-2</i> (B)		Present	
	8/ 4/03	10:21	Surfc	<i>Scrippsiella</i> sp. (B)		Common	
<b>White Creek</b>							
IR32: Holly Terrace Acres	7/28/03	11:05	Surfc	"Gymnodinioid" sp. (S)	15-25 um Grn	Common	
	7/28/03	11:05	Surfc	<i>Chattonella cf. verruculosa</i> (T)		Many	4.50
	7/28/03	11:05	Surfc	<i>Chattonella subsalsa</i> (T)		Abundant	30.00
	7/28/03	11:05	Surfc	<i>Gyrodinium instriatum</i> (B)		Present	
	7/28/03	11:05	Surfc	<i>Heterocapsa rotundata</i> (B)		Common	
	7/28/03	11:05	Surfc	<i>Heterosigma akashiwo</i> . (T)		Many	1.12
	7/28/03	11:05	Surfc	<i>Prorocentrum micans</i> (B)		Present	
	7/28/03	11:05	Surfc	<i>Scrippsiella</i> sp. (B)		Common	
	7/29/03	9:00	Surfc	"Gymnodinioid" sp. (S)	15-25 um Grn	Abundant	13.20
	7/29/03	9:00	Surfc	<i>Chattonella cf. verruculosa</i> (T)		Abundant	17.60
	7/29/03	9:00	Surfc	<i>Chattonella subsalsa</i> (T)		Very Abundant	132.00
	7/29/03	9:00	Surfc	<i>Kryptoperidium foliaceum-2</i> (B)		Common	
	7/29/03	9:00	Surfc	<i>Prorocentrum gracile</i>		Present	
	7/29/03	9:00	Surfc	<i>Protopeiridium quinquecorne</i> (B)		Present	
	7/29/03	9:20	Surfc	"Gymnodinioid" sp. (S)	15-25 um Grn	Abundant	13.20

Name subsripts: (B) - nontoxic bloom former; (S) - cell similar to a known toxic cell; (T) - potentially  
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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Water Body Tributary Site	Date	Time	Smpl Dpth	Name	Comment if ID uncertain	Abundance	MCL
<b>Indian River</b>							
<u>White Creek</u>							
IR32: Holly Terrace Acres							
	7/29/03	9:20	Surfc	<i>Akashiwo sanguineum (B)</i>		Common	
	7/29/03	9:20	Surfc	<i>Chattonella cf. verruculosa (T)</i>		Many	8.80
	7/29/03	9:20	Surfc	<i>Chattonella subsalsa (T)</i>		Abundant	88.00
	7/29/03	9:20	Surfc	<i>Gyrodinium instriatum (B)</i>		Present	
	7/29/03	9:20	Surfc	<i>Heterocapsa rotundata (B)</i>		Common	
	7/29/03	9:20	Surfc	<i>Heterosigma akashiwo. (T)</i>		Common	
	7/29/03	9:20	Surfc	<i>Kryptoperidium foliaceum-2 (B)</i>		Common	0.45
	7/29/03	9:20	Surfc	<i>Prorocentrum gracile</i>		Present	
	7/29/03	9:20	Surfc	<i>Scrippsiella sp. (B)</i>		Common	0.90
	7/30/03	9:00	Surfc	<i>"Gymnodinioid" sp. (S)</i>	15-25 um Grn	Abundant	11.70
	7/30/03	9:00	Surfc	<i>Chattonella cf. verruculosa (T)</i>		Common	
	7/30/03	9:00	Surfc	<i>Chattonella subsalsa (T)</i>		Many	6.70
	7/30/03	9:00	Surfc	<i>Gyrodinium instriatum (B)</i>		Present	
	7/30/03	9:00	Surfc	<i>Heterocapsa rotundata (B)</i>		Common	
	7/30/03	9:00	Surfc	<i>Prorocentrum gracile</i>		Common	
	7/30/03	9:00	Surfc	<i>Protoperidinium quinquecorne (B)</i>		Common	
	7/30/03	9:00	Surfc	<i>Scrippsiella sp. (B)</i>		Common	
	7/30/03	9:05	Surfc	<i>"Gymnodinioid" sp. (S)</i>	15-25 um Grn	Common	
	7/30/03	9:05	Surfc	<i>Chattonella cf. verruculosa (T)</i>		Many	9.00
	7/30/03	9:05	Surfc	<i>Chattonella subsalsa (T)</i>		Abundant	67.50
	7/30/03	9:05	Surfc	<i>Heterocapsa rotundata (B)</i>		Common	
	7/30/03	9:05	Surfc	<i>Kryptoperidium foliaceum-2 (B)</i>		Present	
	7/31/03	8:55	Surfc	<i>"Gymnodinioid" sp. (S)</i>	15-25 um Grn	Common	
	7/31/03	8:55	Surfc	<i>"Gymnodinioid" sp. (S)</i>	10-15 um Grn	Common	
	7/31/03	8:55	Surfc	<i>Akashiwo sanguineum (B)</i>		Common	0.38
	7/31/03	8:55	Surfc	<i>Chattonella cf. verruculosa (T)</i>		Present	
	7/31/03	8:55	Surfc	<i>Chattonella subsalsa (T)</i>		Present	
	7/31/03	8:55	Surfc	<i>Heterocapsa rotundata (B)</i>		Present	
	7/31/03	8:55	Surfc	<i>Kryptoperidium foliaceum-2 (B)</i>		Common	
	7/31/03	8:55	Surfc	<i>Protoperidinium quinquecorne (B)</i>		Present	
	7/31/03	8:55	Surfc	<i>Scrippsiella sp. (B)</i>		Common	0.13
	7/31/03	9:00	Srfc	<i>"Gymnodinioid" sp. (S)</i>	10-15 um Lt Grn	Common	
	7/31/03	9:00	Srfc	<i>"Gymnodinioid" sp. (S)</i>	15-25 um Grn	Many	8.80
	7/31/03	9:00	Srfc	<i>Akashiwo sanguineum (B)</i>		Common	
	7/31/03	9:00	Srfc	<i>Chattonella cf. verruculosa (T)</i>		Present	
	7/31/03	9:00	Srfc	<i>Chattonella subsalsa (T)</i>		Present	
	7/31/03	9:00	Srfc	<i>Gyrodinium instriatum (B)</i>		Present	
	7/31/03	9:00	Srfc	<i>Kryptoperidium foliaceum-2 (B)</i>		Present	
	7/31/03	9:00	Srfc	<i>Scrippsiella sp. (B)</i>		Common	
	8/ 5/03	8:35	Surfc	<i>"Gymnodinioid" sp. (S)</i>	15-25 um Grn	Common	
	8/ 5/03	8:35	Surfc	<i>Chaetoceros sp. (T)</i>		Present	

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<b>Indian River</b>							
<u>White Creek</u>							
IR32: Holly Terrace Acres							
	8/ 5/03	8:35	Surfc	<i>Chattonella cf. verruculosa (T)</i>		Present	
	8/ 5/03	8:35	Surfc	<i>Heterocapsa rotundata (B)</i>		Common	
	8/ 5/03	8:35	Surfc	<i>Heterosigma akashiwo. (T)</i>		Present	
	8/ 5/03	8:35	Surfc	<i>Kryptoperidium foliaceum-2 (B)</i>		Common	
	8/ 5/03	8:35	Surfc	<i>Prorocentrum gracile</i>		Present	
	8/ 5/03	8:35	Surfc	<i>Protoperidinium quinquecorne (B)</i>		Common	
	8/ 5/03	8:35	Surfc	<i>Scrippsiella sp. (B)</i>		Common	
<b>Lewes - Rehoboth Canal</b>							
RB02: Lewes - Rehoboth Canal at Lewes							
	7/29/03	8:40	Surfc	<i>Heterocapsa rotundata (B)</i>		Common	
	7/29/03	8:40	Surfc	<i>Heterosigma akashiwo. (T)</i>		Present	
	8/ 5/03	8:35	Surfc		No HABs found		
RB45: Lewes-Rehoboth Canal - Rehoboth							
	7/28/03	11:55	Surfc	<i>Chaetoceros sp. (T)</i>		Present	
	7/28/03	11:55	Surfc	<i>Heterocapsa rotundata (B)</i>		Present	
	7/28/03	11:55	Surfc	<i>Kryptoperidium foliaceum-2 (B)</i>		Present	
	8/ 1/03	9:00	Surfc	<i>Akashiwo sanguineum (B)</i>		Present	
	8/ 1/03	9:00	Surfc	<i>Chaetoceros sp. (T)</i>		Present	
	8/ 1/03	9:00	Surfc	<i>Chattonella subsalsa (T)</i>		Present	
	8/ 1/03	9:00	Surfc	<i>Gyrodinium instriatum (B)</i>		Present	
	8/ 1/03	9:00	Surfc	<i>Scrippsiella sp. (B)</i>		Present	
<b>Little Assawoman Bay</b>							
<u>Dirickson Creek</u>							
LA03: Mulberry Landing							
	7/28/03	8:10	Surfc	<i>Chattonella subsalsa (T)</i>		Present	
	7/28/03	8:10	Surfc	<i>Heterocapsa rotundata (B)</i>		Present	
	8/ 4/03	8:25	Surfc	<i>Akashiwo sanguineum (B)</i>		Present	
	8/ 4/03	8:25	Surfc	<i>Scrippsiella sp. (B)</i>		Present	
LA09: Dirickson Creek at Road 381 bridge.							
	7/28/03	9:45	Surfc	<i>Gyrodinium instriatum (B)</i>		Common	
	7/28/03	9:45	Surfc	<i>Heterocapsa rotundata (B)</i>		Common	
	7/28/03	9:45	Surfc	<i>Heterosigma akashiwo. (T)</i>		Many	8.80
	7/28/03	9:45	Surfc	<i>Kryptoperidium foliaceum-2 (B)</i>		Common	
	7/28/03	9:45	Surfc	<i>Protoperidinium quinquecorne (B)</i>		Present	
LA20: Swann Keys: boat ramp at S end of Blue Teal Rd							
	7/28/03	11:29	Surfc	<i>Gyrodinium instriatum (B)</i>		Present	
	7/28/03	11:29	Surfc	<i>Heterocapsa rotundata (B)</i>		Present	
	7/28/03	11:29	Surfc	<i>Kryptoperidium foliaceum-2 (B)</i>		Present	
	8/ 3/03	10:55	Surfc	<i>Chattonella cf. verruculosa (T)</i>		Common	0.15
	8/ 3/03	10:55	Surfc	<i>Gyrodinium instriatum (B)</i>		Common	0.12
	8/ 3/03	10:55	Surfc	<i>Kryptoperidium foliaceum-2 (B)</i>		Present	
	8/ 3/03	10:55	Surfc	<i>Protoperidinium quinquecorne (B)</i>		Present	

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Water Body Tributary Site	Date	Time	Smpl Dpth	Name	Comment if ID uncertain	Abundance	MCL
<b>Little Assawoman Bay</b>							
<u>Jefferson Creek</u>							
JC08B: SB, Jefferson Creek Basin between Assawoman canal extensions, access by boat only; by boat							
	7/28/03	13:25	Surfc	<i>Chattonella cf. verruculosa (T)</i>		Many	1.17
	7/28/03	13:25	Surfc	<i>Chattonella subsalsa (T)</i>		Common	0.91
	7/28/03	13:25	Surfc	<i>Heterocapsa rotundata (B)</i>		Present	
	7/28/03	13:25	Surfc	<i>Kryptoperidium foliaceum-2 (B)</i>		Present	
	8/ 4/03	11:18	Surfc	<i>Chattonella cf. verruculosa (T)</i>		Common	0.13
	8/ 4/03	11:18	Surfc	<i>Chattonella subsalsa (T)</i>		Common	0.13
	8/ 4/03	11:18	Surfc	<i>Heterocapsa rotundata (B)</i>		Present	
SB03: Anchorage Canal at 4 S. Anchorage Dr. From the bulkhead							
	7/29/03	10:55	Surfc	<i>"Gymnodinioid" sp. (S)</i>	15-25 um Grn	Present	
	7/29/03	10:55	Surfc	<i>Chattonella cf. verruculosa (T)</i>		Many	1.00
	7/29/03	10:55	Surfc	<i>Chattonella subsalsa (T)</i>		Many	9.00
	7/29/03	10:55	Surfc	<i>Heterocapsa rotundata (B)</i>		Present	
	7/29/03	10:55	Surfc	<i>Heterosigma akashiwo. (T)</i>		Present	
	7/29/03	10:55	Surfc	<i>Kryptoperidium foliaceum-2 (B)</i>		Present	
SB03B: Anchorage Canal at elbow							
	7/28/03	13:44	Surfc	<i>Chattonella cf. verruculosa (T)</i>		Abundant	15.00
	7/28/03	13:44	Surfc	<i>Chattonella subsalsa (T)</i>		Common	0.78
	7/28/03	13:44	Surfc	<i>Gyrodinium instriatum (B)</i>		Present	
	7/28/03	13:44	Surfc	<i>Heterocapsa rotundata (B)</i>		Many	4.20
	7/28/03	13:44	Surfc	<i>Kryptoperidium foliaceum-2 (B)</i>		Many	7.50
	7/28/03	13:44	Surfc	<i>Protopteridinium quinquecorne (B)</i>		Common	
	8/ 4/03	11:35	Surfc	<i>"Gymnodinioid" sp. (S)</i>	15-25 um Grn	Present	
	8/ 4/03	11:35	Surfc	<i>Chattonella cf. verruculosa (T)</i>		Common	0.78
	8/ 4/03	11:35	Surfc	<i>Chattonella subsalsa (T)</i>		Abundant	19.20
	8/ 4/03	11:35	Surfc	<i>Gyrodinium instriatum (B)</i>		Present	
	8/ 4/03	11:35	Surfc	<i>Heterocapsa rotundata (B)</i>		Present	
	8/ 4/03	11:35	Surfc	<i>Kryptoperidium foliaceum-2 (B)</i>		Common	
	8/ 4/03	11:35	Surfc	<i>Protopteridinium quinquecorne (B)</i>		Common	
	8/ 4/03	11:35	Surfc	<i>Scrippsiella sp. (B)</i>		Present	
SB10E: SB: Russell Canal east dead end							
	7/28/03	10:52	Surfc	<i>"Gymnodinioid" sp. (S)</i>	15-25 um Grn	Present	
	7/28/03	10:52	Surfc	<i>Chattonella cf. verruculosa (T)</i>		Common	0.65
	7/28/03	10:52	Surfc	<i>Chattonella subsalsa (T)</i>		Common	0.15
	7/28/03	10:52	Surfc	<i>Gyrodinium instriatum (B)</i>		Present	
	7/28/03	10:52	Surfc	<i>Heterocapsa rotundata (B)</i>		Common	0.10
	7/28/03	10:52	Surfc	<i>Heterosigma akashiwo. (T)</i>		Common	0.26
	7/28/03	10:52	Surfc	<i>Kryptoperidium foliaceum-2 (B)</i>		Common	0.65
	7/28/03	10:52	Surfc	<i>Protopteridinium quinquecorne (B)</i>		Common	0.52
	8/ 2/03	10:26	Surfc	<i>Chattonella subsalsa (T)</i>		Common	0.26
	8/ 2/03	10:26	Surfc	<i>Heterocapsa rotundata (B)</i>		Present	
	8/ 2/03	10:26	Surfc	<i>Kryptoperidium foliaceum-2 (B)</i>		Many	1.30

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<b>Little Assawoman Bay</b>							
<u>Jefferson Creek</u>							
SB10E: SB: Russell Canal east dead end							
	8/ 2/03	10:26	Surfc	<i>Protoperidinium quinquecorne (B)</i>		Common	0.39
SB10W: SB: Russell Canal west dead end							
	7/28/03	12:22	Surfc	<i>Chattonella cf. verruculosa (T)</i>		Present	
	7/28/03	12:22	Surfc	<i>Chattonella subsalsa (T)</i>		Present	
	7/28/03	12:22	Surfc	<i>Heterocapsa rotundata (B)</i>		Present	
	7/28/03	12:22	Surfc	<i>Kryptoperidium foliaceum-2 (B)</i>		Present	
	7/28/03	12:22	Surfc	<i>Protoperidinium quinquecorne (B)</i>		Present	
	8/ 2/03	10:34	Surfc	<i>Chattonella subsalsa (T)</i>		Common	0.11
	8/ 2/03	10:34	Surfc	<i>Gyrodinium instriatum (B)</i>		Present	
	8/ 2/03	10:34	Surfc	<i>Kryptoperidium foliaceum-2 (B)</i>		Common	0.10
	8/ 2/03	10:34	Surfc	<i>Protoperidinium quinquecorne (B)</i>		Present	
<u>Williams Creek</u>							
LA21: Williams Creek tributary, bridge on Rd 364a							
	7/28/03	8:50	Surfc	<i>Kryptoperidium foliaceum-2 (B)</i>		Many	2.20
<b>Rehoboth Bay</b>							
RB07: West Bay Park							
	7/29/03	10:30	Surfc	<i>Chaetoceros sp. (T)</i>		Common	
	7/29/03	10:30	Surfc	<i>Heterocapsa rotundata (B)</i>		Common	
	7/29/03	10:30	Surfc	<i>Scrippsiella sp. (B)</i>		Present	
RB50: Delaware Seashore State Park at New Road; knee deep wading sample.							
	7/31/03	9:17	Surfc	<i>Chaetoceros sp. (T)</i>		Present	
	7/31/03	9:17	Surfc	<i>Chattonella cf. verruculosa (T)</i>		Present	
	7/31/03	9:17	Surfc	<i>Chattonella subsalsa (T)</i>		Present	
	7/31/03	9:17	Surfc	<i>Heterocapsa rotundata (B)</i>		Common	
	7/31/03	9:17	Surfc	<i>Scrippsiella sp. (B)</i>		Present	
<u>Arnell Creek</u>							
AC2S: DNREC Site, Arnell Creek, surface sample							
	8/ 4/03	13:08	Surfc	<i>"Gymnodinium" sp. (S)</i>	15-25 um Grn	Present	
	8/ 4/03	13:08	Surfc	<i>Akashiwo sanguineum (B)</i>		Present	
	8/ 4/03	13:08	Surfc	<i>Chaetoceros sp. (T)</i>		Common	
	8/ 4/03	13:08	Surfc	<i>Gyrodinium instriatum (B)</i>		Present	
	8/ 4/03	13:08	Surfc	<i>Heterocapsa rotundata (B)</i>		Common	
	8/ 4/03	13:08	Surfc	<i>Protoperidinium quinquecorne (B)</i>		Present	
<u>Bald Eagle Creek</u>							
RB47B: Bald Eagle Creek - by boat							
	7/30/03	9:50	Surfc	<i>Chattonella cf. verruculosa (T)</i>		Present	
	7/30/03	9:50	Surfc	<i>Chattonella subsalsa (T)</i>		Common	0.20
	7/30/03	9:50	Surfc	<i>Gyrodinium instriatum (B)</i>		Present	
	7/30/03	9:50	Surfc	<i>Kryptoperidium foliaceum-2 (B)</i>		Common	0.50
	7/30/03	9:50	Surfc	<i>Protoperidinium quinquecorne (B)</i>		Present	
<u>Guinea Creek</u>							

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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
<b>Rehoboth Bay</b>							
<u>Guinea Creek</u>							
RB05: Mouth of Guinea Creek (Pot Nets Creekside)							
	7/28/03	11:39	Surfc	<i>Chaetoceros sp. (T)</i>		Present	
	7/28/03	11:39	Surfc	<i>Chattonella subsalsa (T)</i>		Common	
	7/28/03	11:39	Surfc	<i>Kryptoperidium foliaceum-2 (B)</i>		Present	
RB06: Guinea Creek (Winding Creek Village)							
	7/28/03	7:30	Surfc	" <i>Gymnodinioid</i> " <i>sp. (S)</i>	15-25 um Grn	Present	
	7/28/03	7:30	Surfc	<i>Chattonella cf. verruculosa (T)</i>		Present	
	7/28/03	7:30	Surfc	<i>Chattonella subsalsa (T)</i>		Present	
	7/28/03	7:30	Surfc	<i>Gyrodinium instriatum (B)</i>		Present	
	7/28/03	7:30	Surfc	<i>Heterocapsa rotundata (B)</i>		Common	0.32
	7/28/03	7:30	Surfc	<i>Heterosigma akashiwo. (T)</i>		Present	
	7/28/03	7:30	Surfc	<i>Kryptoperidium foliaceum-2 (B)</i>		Present	
RB06A: Guinea Creek @ Rd 298 Bridge							
	7/28/03	12:08	Surfc		No HABs found		
<u>Herring Creek</u>							
RB04: Herring Creek, Mid-Section							
	7/27/03	8:00	Surfc	<i>Chattonella subsalsa (T)</i>		Present	
	7/27/03	8:00	Surfc	<i>Gyrodinium instriatum (B)</i>		Present	
	7/27/03	8:00	Surfc	<i>Heterocapsa rotundata (B)</i>		Present	
	7/27/03	8:00	Surfc	<i>Kryptoperidium foliaceum-2 (B)</i>		Present	
RB40: Burton Prong							
	7/28/03	7:35	Surfc	<i>Chaetoceros sp. (T)</i>		Present	
	7/28/03	7:35	Surfc	<i>Heterocapsa rotundata (B)</i>		Present	
<u>Love Creek</u>							
RB34: Love Creek at Rt 24 Bridge							
	7/28/03	13:00	Surfc	<i>Gyrodinium instriatum (B)</i>		Common	0.10
	7/28/03	13:00	Surfc	<i>Gyrodinium uncatenum (B)</i>		Present	
	7/28/03	13:00	Surfc	<i>Kryptoperidium foliaceum-2 (B)</i>		Present	
	7/28/03	13:00	Surfc	<i>Protoperdinium quinquecorne (B)</i>		Present	
	7/28/03	13:00	Surfc	<i>Scrippsiella sp. (B)</i>		Present	
	8/ 5/03	13:00	Surfc	<i>Akashiwo sanguineum (B)</i>		Present	
	8/ 5/03	13:00	Surfc	<i>Gyrodinium instriatum (B)</i>		Present	
	8/ 5/03	13:00	Surfc	<i>Heterosigma akashiwo. (T)</i>		Abundant	18.00
	8/ 6/03	10:50	Surfc	" <i>Gymnodinioid</i> " <i>sp. (S)</i>	15-25 um Grn	Present	
	8/ 6/03	10:50	Surfc	<i>Gyrodinium instriatum (B)</i>		Present	
	8/ 6/03	10:50	Surfc	<i>Heterosigma akashiwo. (T)</i>		Abundant	59.00
RLC1W: shellfish site, mouth of Love Creek.							
	8/ 4/03	13:36	Surfc	" <i>Gymnodinioid</i> " <i>sp. (S)</i>	15-25 um Grn	Present	
	8/ 4/03	13:36	Surfc	<i>Akashiwo sanguineum (B)</i>		Present	
	8/ 4/03	13:36	Surfc	<i>Chaetoceros sp. (T)</i>		Common	
	8/ 4/03	13:36	Surfc	<i>Gyrodinium instriatum (B)</i>		Present	
	8/ 4/03	13:36	Surfc	<i>Gyrodinium uncatenum (B)</i>		Present	
	8/ 4/03	13:36	Surfc	<i>Heterocapsa rotundata (B)</i>		Common	

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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
<b>Rehoboth Bay</b>							
<u>Love Creek</u>							
RLC1W: shellfish site, mouth of Love Creek.							
	8/ 4/03	13:36	Surfc	<i>Scrippsiella sp. (B)</i>		Present	
RLC2S: DNREC site, upper Love Creek							
	8/ 4/03	13:56	Surfc	<i>Gyrodinium instriatum (B)</i>		Common	0.15
	8/ 4/03	13:56	Surfc	<i>Heterosigma akashiwo. (T)</i>		Abundant	53.00
	8/ 4/03	13:56	Surfc	<i>Kryptoperidium foliaceum-2 (B)</i>		Present	
<u>Torquay Canal</u>							
RB46: Torquay Canal at bulkhead							
	7/30/03	9:30	Surfc	<i>Akashiwo sanguineum (B)</i>		Present	
	7/30/03	9:30	Surfc	<i>Chattonella subsalsa (T)</i>		Common	0.25
	7/30/03	9:30	Surfc	<i>Gyrodinium instriatum (B)</i>		Common	0.50
	7/30/03	9:30	Surfc	<i>Heterocapsa rotundata (B)</i>		Common	0.20
	7/30/03	9:30	Surfc	<i>Kryptoperidium foliaceum-2 (B)</i>		Common	0.15
RB46B: Torquay Canal by boat							
	7/30/03	10:20	Surfc	<i>Chattonella cf. verruculosa (T)</i>		Common	0.25
	7/30/03	10:20	Surfc	<i>Chattonella subsalsa (T)</i>		Common	0.20
	7/30/03	10:20	Surfc	<i>Kryptoperidium foliaceum-2 (B)</i>		Common	0.13
	7/30/03	10:20	Surfc	<i>Protoperidium quinquecorne (B)</i>		Present	
	7/30/03	10:20	Surfc	<i>Scrippsiella sp. (B)</i>		Present	

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