

FLOW Plankton Monitoring Program Report

Time 2:00PM
Date 9/5/2014
Collectors Dennis, Judy
Location Tidal Inlet
Tide Incoming
Weather/Wind Clear,brisk
Water T (deg C) 23 C
Salinity 33 ppt
pH 8.00
Ammonia 0.00
Phosphates 0.10
Nitrates 0.00
DCDPH Bottle # 6101

Plankton Observed in Sample

	<u>Species/genera/groups</u>	<u>Est. Relative Abundance (Low, High)</u>
Diatoms	Asterionella	
	Astemphalus	
	Bacteriastrum	L
	Chaetoceros	
	Coscinodiscus	
	Ditylum	
	Eucampia	
	Ginardia stiata	
	Hemiaulus	L
	Lauderia	
	Leptocylindrus	
	Licmophora	
	Lithodesmium	
	Melosira	
	Navicula	
	Nitzschia	
	Odontella	
	Pleurosigma	
	Pseudonitzschia	
	Rhizosolenia	
Skeletonema		
Thalassiosira		
Thalassionema		
Thalassionthrix		
Dinoflagellates	Akashiwo	
	Alexandrium	
	Ceratium furca	L
	Ceratium fusus	
	Ceratium lineatum	
	Ceratium macroceros	
	Cochlodinium	
	Dinophysis	

Gonyalax	L
Lingoludinium	
Noctiluca	
Oxytoxum	
Prorocentrum micans	L
Protoperdinium	L
Scrippsiella	

Silicaflagellate Dictyocha

Other Tintanid L

Summary

Water Conditions (T, S, pH and nutrients) were within expected ranges?

Yes/No

Y

Other:

FLOW Plankton Monitoring Program Report

Time 1:50 PM
Date 9/5/2014
Collectors Terry, Terri
Location Wetlands
Tide Outgoing
Weather/Wind Sunny, breezy
Water T (deg C) 27 C
Salinity 34 ppt
pH 8.00
Ammonia 0.50
Phosphates 0.00
Nitrates 0.00
DCDPH Bottle # n/a

Plankton Observed in Sample

	<u>Species/genera/groups</u>	<u>Est. Relative Abundance (Low, High)</u>
Diatoms	Asterionella	
	Astemphalus	
	Bacteriastrum	
		Chaetoceros
	Coscinodiscus	
	Ditylum	
	Eucampia	
	Ginardia stiata	
	Hemiaulus	
	Lauderia	
	Leptocylindrus	
	Licmophora	
	Lithodesmium	
	Melosira	
	Navicula	L
	Nitzschia	
	Odontella	
	Pleurosigma	L
	Pseudonitzschia	
	Rhizosolenia	
Skeletonema		
Thalassiosira		
Thalassionema		
Thalassionthrix		
Dinoflagellates	Akashiwo	
	Alexandrium	
	Ceratium furca	
	Ceratium fusus	L
	Ceratium lineatum	
	Ceratium macroceros	
	Cochlodinium	
	Dinophysis	

Gonyalax
Lingoludinium
Noctiluca
Oxytoxum
Prorocentrum micans
Protooperidinium
Scrippsiella

Silicaflagellate Dictyocha

Other Tintanid M

Summary

Water Conditions (T, S, pH and nutrients) were within expected ranges?

Yes/No

Y

Other:

FLOW Plankton Monitoring Program Report

Time 2:00 PM
Date 9/12/2014
Collectors Dennis, Judy, Allan
Location Tidal Inlet
Tide Outgoing
Weather/Wind Fair, hot, brisk
Water T (deg C) 24 C
Salinity 33 ppt
pH 8.40
Ammonia 0.00
Phosphates 0.25
Nitrates 0.00
DCDPH Bottle # 10049

Plankton Observed in Sample

	<u>Species/genera/groups</u>	<u>Est. Relative Abundance (Low, High)</u>
Diatoms	Asterionella	
	Astemphalus	
	Bacteriastrum	
	Chaetoceros	
	Coscinodiscus	
	Ditylum	
	Eucampia	
	Ginardia stitata	
	Hemiaulus	
	Lauderia	
	Leptocylindrus	L
	Licmophora	
	Lithodesmium	
	Melosira	
	Navicula	L
	Nitzschia	
	Odontella	
	Pleurosigma	L
	Pseudonitzschia	
	Rhizosolenia	
Skeletonema		
Thalassiosira		
Thalassionema		
Thalassionthrix		
Dinoflagellates	Akashiwo	
	Alexandrium	
	Ceratium furca	
	Ceratium fusus	
	Ceratium lineatum	
	Ceratium macroceros	
	Cochlodinium	
	Dinophysis	
	Gonyalax	
	Lingoludinium	
	Noctiluca	

Oxytoxum
Prorocentrum micans L
Protoperidinium L
Scrippsiella

Silicaflagellate Dictyocha

Other

Summary

Water Conditions (T, S, pH and nutrients) were within expected ranges?

Other:

Yes/No

Y

FLOW Plankton Monitoring Program Report

Time 1:50 PM
Date 9/12/2014
Collectors Angelica, Otavio
Location Wetlands
Tide Outgoing
Weather/Wind Clear, Windy
Water T (deg C) 28 C
Salinity 38 ppt
pH 8.00
Ammonia 0.50
Phosphates 0.00
Nitrates 0.00
DCDPH Bottle # n/a

Plankton Observed in Sample

	<u>Species/genera/groups</u>	<u>Est. Relative Abundance (Low, High)</u>
Diatoms	Asterionella	
	Astemphalus	
	Bacteriastrum	
	Chaetoceros	
	Coscinodiscus	
	Ditylum	
	Eucampia	
	Ginardia stiata	
	Hemiaulus	
	Lauderia	
	Leptocylindrus	
	Licmophora	
	Lithodesmium	
	Melosira	
	Navicula	
	Nitzschia	
	Odontella	
	Pleurosigma	L
	Pseudonitzschia	
	Rhizosolenia	L
Skeletonema		
Thalassiosira		
Thalassionema		
Thalassionthrix		
Dinoflagellates	Akashiwo	
	Alexandrium	
	Ceratium furca	
	Ceratium fusus	
	Ceratium lineatum	
	Ceratium macroceros	
	Cochlodinium	
	Dinophysis	L

Gonyalax L
Lingoludinium
Noctiluca
Oxytoxum
Prorocentrum micans
Protooperidinium
Scrippsiella

Silicaflagellate Dictyocha

Other Tintanids L
Zooplankton (var.) L

Summary

Water Conditions (T, S, pH and nutrients) were within expected ranges?

Yes/No

Other:

FLOW Plankton Monitoring Program Report

Time	2:05
Date	9/19/2014
Collectors	Allan, Jim
Location	Inlet
Tide	Outgoing
Weather/Wind	Warm, Light
Water T (deg C)	23 C
Salinity	30 ppt
pH	8.00
Ammonia	0.00
Phosphates	0.00
Nitrates	0.00
DCDPH Bottle #	no

Plankton Observed in Sample

	<u>Species/genera/groups</u>	<u>Est. Relative Abundance (Low, High)</u>
Diatoms	Asterionella	L
	Astemphalus	
	Bacteriastrum	
	Chaetoceros	L
	Coscinodiscus	
	Ditylum	
	Eucampia	
	Ginardia stiata	
	Hemiaulus	
	Lauderia	
	Leptocylindrus	
	Licmophora	
	Lithodesmium	
	Melosira	
	Navicula	
	Nitzschia	
	Odontella	
	Pleurosigma	
	Pseudonitzschia	
	Rhizosolenia	
	Skeletonema	L
	Thalassiosira	
	Thalassionema	
	Thalassionthrix	
Dinoflagellates	Akashiwo	
	Alexandrium	
	Ceratium furca	
	Ceratium fusus	
	Ceratium lineatum	
	Ceratium macroceros	
	Cochlodinium	
	Dinophysis	
	Gonyalax	
	Lingoludinium	
	Noctiluca	

Oxytoxum
Prorocentrum micans
Protoperidinium
Scrippsiella

L

Silicaflagellate Dictyocha

Other

Summary

Water Conditions (T, S, pH and nutrients) were within expected ranges?

Other:

Yes/No

Y

FLOW Plankton Monitoring Program Report

Time	2:00 PM
Date	9/19/2014
Collectors	Crystal, Jerry
Location	Wetlands
Tide	High
Weather/Wind	Sunny, 5W
Water T (deg C)	29 C
Salinity	35 ppt
pH	8.20
Ammonia	0.25
Phosphates	0.25
Nitrates	0.00
DCDPH Bottle #	n/a

Plankton Observed in Sample

	<u>Species/genera/groups</u>	<u>Est. Relative Abundance (Low, High)</u>
Diatoms	Asterionella	
	Astemphalus	
	Bacteriastrum	
	Chaetoceros	
	Coscinodiscus	
	Ditylum	
	Eucampia	
	Ginardia stitata	
	Hemiaulus	
	Lauderia	
	Leptocylindrus	
	Licmophora	
	Lithodesmium	
	Melosira	
	Navicula	
	Nitzschia	L
	Odontella	
	Pleurosigma	L
	Pseudonitzschia	
	Rhizosolenia	L
	Skeletonema	
	Thalassiosira	
	Thalassionema	
	Thalassionthrix	
Dinoflagellates	Akashiwo	
	Alexandrium	
	Ceratium furca	
	Ceratium fusus	L
	Ceratium lineatum	
	Ceratium macroceros	
	Cochlodinium	
	Dinophysis	
	Gonyalax	
	Lingoludinium	
	Noctiluca	

Oxytoxum
Prorocentrum micans
Protoperidinium
Scrippsiella

Silicaflagellate Dictyocha

Other

Summary

Water Conditions (T, S, pH and nutrients) were within expected ranges?

Other:

Yes/No

Y

FLOW Plankton Monitoring Program Report

Time	1:52 PM
Date	9/26/2014
Collectors	Dennis, Jim
Location	Inlet
Tide	Outgoing
Weather/Wind	Clear, Light
Water T (deg C)	23 C
Salinity	33 ppt
pH	8.00
Ammonia	0.25
Phosphates	0.00
Nitrates	0.00
DCDPH Bottle #	unk

Plankton Observed in Sample

	<u>Species/genera/groups</u>	<u>Est. Relative Abundance (Low, High)</u>
Diatoms	Asterionella	L
	Astemphalus	
	Bacteriastrum	
	Chaetoceros	L
	Coscinodiscus	
	Ditylum	
	Eucampia	
	Ginardia stiata	
	Hemiaulus	
	Lauderia	
	Leptocylindrus	
	Licmophora	
	Lithodesmium	
	Melosira	
	Navicula	
	Nitzschia	
	Odontella	
	Pleurosigma	
	Pseudonitzschia	L
	Rhizosolenia	
Skeletonema		
Thalassiosira		
Thalassionema		
Thalassionthrix		
Dinoflagellates	Akashiwo	
	Alexandrium	
	Ceratium furca	
	Ceratium fusus	L
	Ceratium lineatum	
	Ceratium macroceros	L
	Cochlodinium	
	Dinophysis	
	Gonyalax	
	Lingoludinium	
	Noctiluca	

Oxytoxum
Prorocentrum micans
Protoperidinium
Scrippsiella

L

Silicaflagellate Dictyocha

Other

Summary

Water Conditions (T, S, pH and nutrients) were within expected ranges?

Other:

Yes/No

Y

FLOW Plankton Monitoring Program Report

Time	2:00 PM
Date	9/26/2014
Collectors	Terry, Jerry
Location	Wetlands
Tide	H
Weather/Wind	Sunny, 5W
Water T (deg C)	27 C
Salinity	40 ppt
pH	8.00
Ammonia	0.25
Phosphates	0.00
Nitrates	0.00
DCDPH Bottle #	n/a

Plankton Observed in Sample

	<u>Species/genera/groups</u>	<u>Est. Relative Abundance (Low, High)</u>
Diatoms	Asterionella	
	Astemphalus	
	Bacteriastrum	
	Chaetoceros	
	Coscinodiscus	
	Ditylum	
	Eucampia	
	Ginardia stiata	
	Hemiaulus	
	Lauderia	
	Leptocylindrus	
	Licmophora	
	Lithodesmium	
	Melosira	
	Navicula	
	Nitzschia	
	Odontella	
	Pleurosigma	L
	Pseudonitzschia	
	Rhizosolenia	L
	Skeletonema	
	Thalassiosira	
	Thalassionema	
	Thalassionthrix	
Dinoflagellates	Akashiwo	
	Alexandrium	
	Ceratium furca	
	Ceratium fusus	
	Ceratium lineatum	
	Ceratium macroceros	
	Cochlodinium	
	Dinophysis	
	Gonyalax	L
	Lingoludinium	
	Noctiluca	

Oxytoxum
Prorocentrum micans
Protoperidinium
Scrippsiella

Silicaflagellate Dictyocha

Other

Summary

Water Conditions (T, S, pH and nutrients) were within expected ranges?

Other:

Yes/No