

FLOW Plankton Monitoring Program Report

Time	10:05
Date	10/3/2014
Collectors	Dennis, Krystle
Location	Tidal Inlet
Tide	Outgoing
Weather/Wind	Calm, Sunny
Water T (deg C)	22 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	
	Astemphalus	
	Bacteriastrum	
	Chaetoceros	
	Coscinodiscus	
	Ditylum	
	Eucampia	
	Ginardia stitata	
	Hemiaulus	
	Lauderia	
	Leptocylindrus	
	Licmophora	
	Lithodesmium	
	Melosira	
	Navicula	
	Nitzschia	
	Odontella	
	Pleurosigma	L
	Pseudonitzschia	L
	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
Scrippsiella

Silicaflagellate Dictyocha

Other Zooplankton (var) L

Summary Yes/No
Water Conditions (T, S, pH and nutrients) were within expected ranges?
Other:

FLOW Plankton Monitoring Program Report

Time	10:15 AM
Date	10/3/2014
Collectors	Jerry, Judy
Location	Wetlands
Tide	H
Weather/Wind	Hot, negligible
Water T (deg C)	24.5 C
Salinity	41 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	L
	Chaetoceros	L
	Coscinodiscus	
	Ditylum	
	Eucampia	
	Ginardia stitata	
	Hemiaulus	
	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	L
	Gonyalax	
	Lingoludinium	L
	Noctiluca	

Oxytoxum
Prorocentrum micans
Protoperidinium
Scrippsiella

L

Silicaflagellate Dictyocha

Other Tintinid

L

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	10/10/2014
Collectors	Dennis/Terri
Location	Tidal Inlet
Tide	Outgoing
Weather/Wind	Sunny/Windy
Water T (deg C)	24 C
Salinity	33 ppt
pH	8.20
Ammonia	0.00
Phosphates	0.25
Nitrates	0.00
DCDPH Bottle #	unk

Plankton Observed in Sample

	<u>Species/genera/groups</u>	<u>Est. Relative Abundance (Low, High)</u>
Diatoms	Asterionella	
	Astemphalus	
	Bacteriastrum	
	Chaetoceros	
	Coscinodiscus	L
	Ditylum	L
	Eucampia	
	Ginardia stitata	
	Hemiaulus	
	Lauderia	
	Leptocylindrus	
	Licmophora	
	Lithodesmium	
	Melosira	
	Navicula	L
	Nitzschia	L
	Odontella	
	Pleurosigma	
	Pseudonitzschia	L
	Rhizosolenia	
	Skeletonema	
	Thalassiosira	
	Thalassionema	
	Thalassionthrix	
Dinoflagellates	Akashiwo	
	Alexandrium	
	Ceratium furca	
	Ceratium fusus	
	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	1:40 PM
Date	10/10/2014
Collectors	Terry, Allan, Geoyoung
Location	Wetlands
Tide	High
Weather/Wind	10 MPH
Water T (deg C)	25 C
Salinity	40 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	L
	Coscinodiscus	
	Ditylum	
	Eucampia	
	Ginardia stitata	
	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	
	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	10.59 AM
Date	10/18/2014
Collectors	Kimberly, Kevin, CLASS
Location	Wetlands
Tide	
Weather/Wind	
Water T (deg C)	23 C
Salinity	35 ppt
pH	8.2
Ammonia	0
Phosphates	0.25
Nitrates	0
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	L
	Coscinodiscus	
	Ditylum	
	Eucampia	
	Ginardia stitata	
	Hemiaulus	
	Lauderia	
	Leptocylindrus	
	Licmophora	
	Lithodesmium	
	Melosira	
	Navicula	
	Nitzschia	
	Odontella	
	Pleurosigma	
	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	2:00 PM
Date	10/24/2014
Collectors	Chuck, Jerry
Location	Tidal Inlet
Tide	Outgoing
Weather/Wind	Sunny, 5W
Water T (deg C)	23 C
Salinity	33 ppt
pH	8.00
Ammonia	0.25
Phosphates	0.00
Nitrates	0.00
DCDPH Bottle #	4685

Plankton Observed in Sample

	<u>Species/genera/groups</u>	<u>Est. Relative Abundance (Low, High)</u>
Diatoms	Asterionella	
	Astemphalus	
	Bacteriastrum	
	Chaetoceros	L
	Coscinodiscus	
	Ditylum	L
	Eucampia	
	Ginardia stitata	
	Hemiaulus	
	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	L
	Ceratium macroceros	
	Cochlodinium	
	Dinophysis	L
	Gonyalax	
	Lingoludinium	
	Noctiluca	

Oxytoxum
Prorocentrum micans L
Protoperidinium L
Scrippsiella

Silicaflagellate Dictyocha

Other Radillarian L

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	10/24/1014
Collectors	Atef, Jerry
Location	Wetlands
Tide	Outgoing
Weather/Wind	Sunny, Calm
Water T (deg C)	22 C
Salinity	38 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 stiata	
	Hemiaulus	
	Lauderia	
	Leptocylindrus	
	Licmophora	
	Lithodesmium	
	Melosira	
	Navicula	
	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
Protoperidinium
Scrippsiella

Silicaflagellate Dictyocha

Other Ceratium Extensum L

Summary

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

Other:

Y

FLOW Plankton Monitoring Program Report

Time	9:50 AM
Date	10/31/2014
Collectors	Allan, Dennis
Location	Tidal Inlet
Tide	Outgoing
Weather/Wind	Overcast, calm
Water T (deg C)	22 C
Salinity	32 ppt
pH	8.00
Ammonia	0.25
Phosphates	0.00
Nitrates	0.00
DCDPH Bottle #	6148

Plankton Observed in Sample

	<u>Species/genera/groups</u>	<u>Est. Relative Abundance (Low, High)</u>
Diatoms	Asterionella	
	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 L
Protoperidinium
Scrippsiella

Silicaflagellate Dictyocha

Other Cridaria L

Summary

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

Other:

Yes/No

Y

FLOW Plankton Monitoring Program Report

Time	10:00 AM
Date	10/31/2014
Collectors	Terry, Jerry
Location	Wetlands
Tide	H
Weather/Wind	Overcast
Water T (deg C)	21 C
Salinity	35 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 stitata	
	Hemiaulus	
	Lauderia	
	Leptocylindrus	
	Licmophora	
	Lithodesmium	
	Melosira	L
	Navicula	
	Nitzschia	L
	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
Protoperidinium
Scrippsiella

Silicaflagellate Dictyocha

Other

Summary

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

Other:

Yes/No

Y