

FLOW Plankton Monitoring Program Report

Time 1:55
Date 7-Nov-14
Collectors Dennis, Atef
Location Inlet
Tide Outgoing
Weather/Wind Mild, Sunny
Water T (deg C) 21
Salinity 33
pH 8
Ammonia 0.25
Phosphates 0
Nitrates 0
DCDPH Bottle #

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 striata	L
	Hemiaulus	
	Lauderia	
	Leptocylindrus	
	Licmophora	
	Lithodesmium	
	Melosira	
	Navicula	L
	Nitzschia	
	Odontella	
	Pleurosigma	L
	Pseudonitzschia	
	Rhizosolenia	
Skeletonema		
Thalassiosira		
Thalassionema		
Thalassionthrix		
Dinoflagellates	Akashiwo	
	Alexandrium	L
	Ceratium furca	
	Ceratium fusus	
	Ceratium lineatum	L
	Ceratium macroceros	
	Cochlodinium	
Dinophysis		

Gonyalax
Lingoludinium
Noctiluca
Oxytoxum
Prorocentrum micans
Protooperidinium
Scrippsiella

Silicaflagellate Dictyocha

Other

Summary

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

Other:

Yes/No

Yes

FLOW Plankton Monitoring Program Report

Time 2p
Date 7-Nov-14
Collectors Terry, Jerry
Location Wetlands
Tide High
Weather/Wind Sunny, 10 mph West
Water T (deg C) 20
Salinity 32
pH 8
Ammonia 0.5
Phosphates 0
Nitrates 0
DCDPH Bottle #

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 striata	
	Hemiaulus	
	Lauderia	
	Leptocylindrus	
	Licmophora	
	Lithodesmium	
	Melosira	
	Navicula	L
	Nitzschia	L
	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
Proto-peridinium
Scrippsiella

Silicaflagellate Dictyocha

Other

Zooplankton

Summary

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

Yes/No

Yes

Other:

FLOW Plankton Monitoring Program Report

Time 10:00 AM
Date 14-Nov-14
Collectors Dennis, Armin
Location Inlet
Tide Outgoing
Weather/Wind Overcast, Lt winds
Water T (deg C) 19
Salinity 33
pH 8
Ammonia 0.25
Phosphates 0
Nitrates 0
DCDPH Bottle # 10068

Plankton Observed in Sample

	<u>Species/genera/groups</u>	<u>Est. Relative Abundance (Low, High)</u>
Diatoms	Asterionella	H
	Astemphalus	
	Bacteriastrum	
	Chaetoceros	
	Coscinodiscus	
	Ditylum	H
	Eucampia	
	Ginardia striata	
	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	L
	Cochlodinium	
	Dinophysis	

Gonyalax
Lingoludinium
Noctiluca
Oxytoxum
Prorocentrum micans
Protooperidinium
Scrippsiella

L

Silicaflagellate Dictyocha

Other

Summary

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

Other:

Yes/No

Yes

FLOW Plankton Monitoring Program Report

Time		10:00 AM
Date		14-Nov-14
Collectors	Terry, Jerry	
Location	Footbridge	
Tide	H	
Weather/Wind	Overcast, 7 mph S	
Water T (deg C)		19
Salinity		36
pH		8
Ammonia		0.5
Phosphates		0
Nitrates		0
DCDPH Bottle #		

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 striata	
	Hemiaulus	
	Lauderia	
	Leptocylindrus	
	Licmophora	
	Lithodesmium	
	Melosira	
	Navicula	
	Nitzschia	
	Odontella	
	Pleurosigma	H
	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
Protooperidinium
Scrippsiella

L

Silicaflagellate Dictyocha

Other

Zooplankton

Summary

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

Yes/No

Yes

Other:

FLOW Plankton Monitoring Program Report

Time 12:30
Date 19-Nov-14
Collectors Dennis
Location Inlet
Tide Outgoing
Weather/Wind Sunny, Lt wind
Water T (deg C) 20
Salinity 34
pH 7.8
Ammonia 0.25
Phosphates 0.25
Nitrates 0
DCDPH Bottle # 6048

Plankton Observed in Sample

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

Gonyalax
Lingoludinium
Noctiluca
Oxytoxum
Prorocentrum micans
Proto-peridinium
Scrippsiella

Silicaflagellate Dictyocha

Other Zooplankton

Summary

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

Other:

Yes/No

yes

FLOW Plankton Monitoring Program Report

Time 10:00 AM
Date 29-Nov-14
Collectors Jerry
Location Inlet
Tide Outgoing
Weather/Wind Clear, 5 mph S
Water T (deg C) 19
Salinity 32
pH
Ammonia
Phosphates
Nitrates
DCDPH Bottle # 6048

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 striata	
	Hemiaulus	
	Lauderia	
	Leptocylindrus	
	Licmophora	
	Lithodesmium	
	Melosira	
	Navicula	
	Nitzschia	
	Odontella	
	Pleurosigma	
	Pseudonitzschia	L
	Rhizosolenia	
Skeletonema		
Thalassiosira		
Thalassionema		
Thalassionthrix	L	
Dinoflagellates	Akashiwo	
	Alexandrium	
	Ceratium furca	
	Ceratium fusus	
	Ceratium lineatum	L
	Ceratium macroceros	
	Cochlodinium	
Dinophysis		

Gonyalax
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Yes