

FLOW Plankton Monitoring Program Report

Time 2:00 PM
Date 3-Jun-16
Collectors Terry, Jim
Location Inlet
Tide Outgoing
Weather/Wind June Gloom, Brisk
Water T (deg C) 19
Salinity 34
pH 8
Ammonia 0
Phosphates 0
Nitrates 0
CDPH Bottle # 03995

Plankton Observed in Sample

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

Gonyalax
Lingoludinium
Noctiluca
Oxytoxum
Prorocentrum micans HH
Protooperidinium HH
Scrippsiella

Silicaflagellate Dictyocha

Other

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 10-Jun-16
Collectors Armin, Jerry, Gwen
Location Inlet
Tide Outgoing
Weather/Wind Overcast
Water T (deg C) 18
Salinity 35
pH 7.8
Ammonia 0
Phosphates > .25
Nitrates 0
CDPH Bottle # 04972

Plankton Observed in Sample

	<u>Species/genera/groups</u>	<u>Est. Relative Abundance (Low, High)</u>
Diatoms	Asterionella	
	Astemphalus	
	Bacteriastrum	
	Chaetoceros	
	Coscinodiscus	L
	Ditylum	
	Eucampia	
	Ginardia striata	
	Hemiaulus	
	Lauderia	
	Leptocylindrus	
	Licmophora	
	Lithodesmium	
	Melosira	
	Navicula	
	Nitzschia	L
	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 HH
Protooperidinium L
Scrippsiella

Silicaflagellate Dictyocha

Other

Summary

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

Yes/No

Yes

Other:

FLOW Plankton Monitoring Program Report

Time 2:05 AM
Date 17-Jun-16
Collectors Loie, Jerry
Location Inlet
Tide Outgoing
Weather/Wind Clear, 15 mph W.
Water T (deg C) 18
Salinity 35
pH 8.2
Ammonia 0
Phosphates 0.25
Nitrates 0
CDPH Bottle # 04561

Plankton Observed in Sample

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

Gonyalax
Lingoludinium
Noctiluca
Oxytoxum
Prorocentrum micans L
Protooperidinium L
Scrippsiella

Silicaflagellate Dictyocha

Other Dinoflagellets very active

Summary

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

Yes/No

Yes

Other:

FLOW Plankton Monitoring Program Report

Time	2:20 AM
Date	17-Jun-16
Collectors	Armin, Gwen, Terry
Location	Wetlands
Tide	Outgoing
Weather/Wind	Clear, Light Breeze
Water T (deg C)	22
Salinity	34
pH	8.2
Ammonia	0
Phosphates	0.25
Nitrates	0
CDPH 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	
	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

Summary

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

Other:

Yes/No

Yes

FLOW Plankton Monitoring Program Report

Time 9:45 AM
Date 24-Jun-16
Collectors Jerry
Location Inlet
Tide
Weather/Wind Overcast 6 mph W
Water T (deg C) 18
Salinity 35
pH 8.2
Ammonia 0.25
Phosphates 0
Nitrates 0
CDPH Bottle # 04565

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	L
	Melosira	
	Navicula	
	Nitzschia	
	Odontella	
	Pleurosigma	
	Pseudonitzschia	L
	Rhizosolenia	
Skeletonema		
Thalassiosira		
Thalassionema		
Thalassionthrix		
Dinoflagellates	Akashiwo	
	Alexandrium	
	Ceratium furca	L
	Ceratium fusus	
	Ceratium lineatum	
	Ceratium macroceros	
	Cochlodinium	
	Dinophysis	

Gonyalax
Lingoludinium
Noctiluca
Oxytoxum
Prorocentrum micans
Protooperidinium
Scrippsiella

H

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 24-Jun-16
Collectors Terry, Daryn Jesus, Kayla, Kimberly
Location Footbridge
Tide Outgoing
Weather/Wind Overcast, Light Breeze S
Water T (deg C) 21
Salinity 35
pH
Ammonia
Phosphates
Nitrates
CDPH 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	
	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**

Silicaflagellate Dictyocha

Other

Summary

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

Other:

Yes/No