

FLOW Plankton Monitoring Program Report

Time	2:00 PM
Date	8-Jan-16
Collectors	Terri Bidle, Loie Cruz
Location	Inlet
Tide	Outgoing
Weather/Wind	Mild, Sunny
Water T (deg C)	12
Salinity	37
pH	8
Ammonia	< .25
Phosphates	0.25
Nitrates	0
CDPH Bottle #	3737 ?

Plankton Observed in Sample

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

Gonyalax
Lingoludinium
Noctiluca
Oxytoxum
Prorocentrum micans
Protooperidinium
Scrippsiella

Silicaflagellate Dictyocha

Other Radiolarium, Caetoceros didymus
"Bloom" of chaetoceros family

Summary

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

Yes/No

Other:

Only Inlet done today

Yes

FLOW Plankton Monitoring Program Report

Time
Date 15-Jan-16
Collectors Jerry, Melanie
Location Inlet
Tide Outgoing
Weather/Wind breeze SW
Water T (deg C) 12
Salinity 35
pH 8.1
Ammonia 0
Phosphates 0.1
Nitrates 0
CDPH Bottle # 03928

Plankton Observed in Sample

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

Gonyalax
Lingoludinium
Noctiluca
Oxytoxum
Prorocentrum micans
Protooperidinium
Scrippsiella

L

Silicaflagellate Dictyocha

Other

Planktoniella

Summary

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

Yes/No

Yes

Other:

FLOW Plankton Monitoring Program Report

Time	
Date	15-Jan-16
Collectors	Loie, Michelle
Location	Inlet
Tide	Low, Outgoing
Weather/Wind	Cloudy, Windy
Water T (deg C)	14
Salinity	34
pH	8
Ammonia	0.25
Phosphates	< .25
Nitrates	0
CDPH Bottle #	05037

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

Gonyalax
Lingoludinium
Noctiluca
Oxytoxum
Prorocentrum micans
Protopteridinium
Scrippsiella

L

Silicaflagellate Dictyocha

Other

Summary

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

Yes/No

Yes

Other:

No Wetlands sample

Strong outgoing tide