

**FLOW Plankton Monitoring Program Report**

**Time** 10:05  
**Date** 9-Jan-15  
**Collectors** Jim R.  
**Location** Inlet  
**Tide** Incoming  
**Weather/Wind** p/c light wind  
**Water T (deg C)** 17  
**Salinity** 30  
**pH** 8  
**Ammonia** 1  
**Phosphates** 0  
**Nitrates** 0  
**DCDPH Bottle #** 04060

**Plankton Observed in Sample**

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

Noctiluca  
Oxytoxum  
Prorocentrum micans  
Protoperidinium  
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** 10:20  
**Date** 9-Jan-15  
**Collectors** Terry  
**Location** Footbridge  
**Tide** Incoming  
**Weather/Wind** Calm  
**Water T (deg C)** 17  
**Salinity** 35  
**pH** 7.8  
**Ammonia** 0.25  
**Phosphates** 0  
**Nitrates** 0  
**DCDPH Bottle #**

**Plankton Observed in Sample**

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

Noctiluca  
Oxytoxum  
Prorocentrum micans  
Proto-peridinium  
Scrippsiella

Silicaflagellate Dictyocha

Other Lots of Zooplankton

Summary

Yes/No

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

Yes

Other:

## FLOW Plankton Monitoring Program Report

Time	10:20
Date	16-Jan-15
Collectors	Allan, Jim
Location	Inlet
Tide	Outgoing
Weather/Wind	
Water T (deg C)	13
Salinity	30
pH	
Ammonia	
Phosphates	
Nitrates	
DCDPH Bottle #	03625

### Plankton Observed in Sample

	<u>Species/general/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  
Proto-peridinium  
Scrippsiella

Silicaflagellate    Dictyocha

Other

Summary

Yes/No

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

Other:

## FLOW Plankton Monitoring Program Report

**Time** 10:00  
**Date** 22-Jan-15  
**Collectors** Allen, Te  
**Location** Footbridge  
**Tide** Incoming  
**Weather/Wind**  
**Water T (deg C)**  
**Salinity** 35  
**pH**  
**Ammonia**  
**Phosphates**  
**Nitrates**  
**DCDPH Bottle #**

### Plankton Observed in Sample

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

Noctiluca  
Oxytoxum  
Prorocentrum micans  
Proto-peridinium  
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	10:15
Date	30-Jan-15
Collectors	JR
Location	Inlet
Tide	outgoing
Weather/Wind	o/c
Water T (deg C)	18
Salinity	30
pH	8
Ammonia	0.25
Phosphates	0.1
Nitrates	0
DCDPH Bottle #	04769

### Plankton Observed in Sample

	<u>Species/general/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  
Proto-peridinium  
Scrippsiella

Silicaflagellate    Dictyocha

Other

Summary

Yes/No

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

Other:

## FLOW Plankton Monitoring Program Report

Time	10:21
Date	30-Jan-15
Collectors	Jerry
Location	Footbridge
Tide	High
Weather/Wind	cloudy, 3 nw
Water T (deg C)	20
Salinity	36
pH	8
Ammonia	0
Phosphates	0
Nitrates	0
DCDPH Bottle #	

### Plankton Observed in Sample

	<u>Species/general/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  
Proto-peridinium  
Scrippsiella

Silicaflagellate    Dictyocha

Other

Summary

Yes/No

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

Other: