

**FLOW Plankton Monitoring Program Report**

**Time** 2p  
**Date** 1-May-15  
**Collectors** Jim, Jerry  
**Location** Inlet  
**Tide** Hight, Outgoing  
**Weather/Wind** Sunny, 15 mph West  
**Water T (deg C)** 16  
**Salinity** 33  
**pH** 8  
**Ammonia** 0  
**Phosphates** 0  
**Nitrates** 0  
**DCDPH Bottle #** 6066

**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>	L
	<b>Coscinodiscus</b>	
	<b>Ditylum</b>	L
	<b>Eucampia</b>	
	<b>Ginardia striata</b>	L
	<b>Hemiaulus</b>	
	<b>Lauderia</b>	L
	<b>Leptocylindrus</b>	L
	<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>	
	<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>	H
	<b>Ceratium fusus</b>	L
	<b>Ceratium lineatum</b>	
	<b>Ceratium macroceros</b>	
	<b>Cochlodinium</b>	
	<b>Dinophysis</b>	H
	<b>Gonyalax</b>	
	<b>Lingoludinium</b>	



**FLOW Plankton Monitoring Program Report**

**Time** 2p  
**Date** 1-May-15  
**Collectors** Raymond, McKinzie, Terry  
**Location** Footbridge  
**Tide** Outgoing  
**Weather/Wind** Brisk from North  
**Water T (deg C)** 22  
**Salinity** 35  
**pH** 8.2  
**Ammonia** 0.3  
**Phosphates** 0.2  
**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>	L
	<b>Coscinodiscus</b>	
	<b>Ditylum</b>	
	<b>Eucampia</b>	
	<b>Ginardia striata</b>	L
	<b>Hemiaulus</b>	
	<b>Lauderia</b>	
	<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

Yes/No

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

Other:

## FLOW Plankton Monitoring Program Report

Time	2p
Date	8-May-15
Collectors	Jim, Jerry
Location	Inlet
Tide	H/L
Weather/Wind	Overcast, 10 mpr South
Water T (deg C)	13
Salinity	36
pH	8
Ammonia	0.25
Phosphates	0
Nitrates	0
DCDPH Bottle #	6067

### 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** 2p  
**Date** 15-May-15  
**Collectors** Jim R., Victoria  
**Location** Inlet  
**Tide** Outgoing  
**Weather/Wind** Clear, Light  
**Water T (deg C)** 19  
**Salinity** 36  
**pH** 8  
**Ammonia** 0  
**Phosphates** 0  
**Nitrates** 0  
**DCDPH Bottle #** 10066

**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>	L
	<b>Coscinodiscus</b>	
	<b>Ditylum</b>	
	<b>Eucampia</b>	
	<b>Ginardia striata</b>	
	<b>Hemiaulus</b>	L
	<b>Lauderia</b>	
	<b>Leptocylindrus</b>	L
	<b>Licmophora</b>	
	<b>Lithodesmium</b>	
	<b>Melosira</b>	
	<b>Navicula</b>	
	<b>Nitzschia</b>	
	<b>Odontella</b>	
	<b>Pleurosigma</b>	
	<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>	L
	<b>Ceratium fusus</b>	
	<b>Ceratium lineatum</b>	H
	<b>Ceratium macroceros</b>	
	<b>Cochlodinium</b>	
	<b>Dinophysis</b>	
	<b>Gonyalax</b>	
	<b>Lingoludinium</b>	

Noctiluca  
Oxytoxum  
Prorocentrum micans H  
Protoperidinium L  
Scrippsiella

Silicaflagellate Dictyocha

Other

Summary

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

Yes/No

Other: Rain on 14th and morning of 15th

Yes



**FLOW Plankton Monitoring Program Report**

**Time** 2p  
**Date** 15-May-15  
**Collectors** McKinsey, Terry  
**Location** Footbridge  
**Tide** Outgoing  
**Weather/Wind** Mostly Sunny, Light Wind  
**Water T (deg C)** 18  
**Salinity** 37  
**pH** 8  
**Ammonia** 0.25  
**Phosphates** 0.25  
**Nitrates** 0  
**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>	
	<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

Yes/No

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

Other:

## FLOW Plankton Monitoring Program Report

Time	2p
Date	22-May-15
Collectors	Linda Papini, Terri Bidle
Location	Inlet
Tide	
Weather/Wind	Very Windy
Water T (deg C)	62 F
Salinity	35
pH	7.9
Ammonia	0.25
Phosphates	0
Nitrates	0
DCDPH Bottle #	4783

### Plankton Observed in Sample

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

Noctiluca  
Oxytoxum  
Prorocentrum micans H  
Protoperidinium H  
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	22-May-15
Collectors	Victoria, Terry
Location	Footbridge
Tide	Incoming
Weather/Wind	Overcast, Breezy
Water T (deg C)	19
Salinity	35
pH	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>
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: