

## FLOW Plankton Monitoring Program Report

Time	10:00
Date	4-Sep-15
Collectors	Sharon, Melonie, Jim
Location	Inlet
Tide	Incoming
Weather/Wind	Overcast, Lt wind
Water T (deg C)	23
Salinity	37
pH	8.2
Ammonia	0.5
Phosphates	0.25
Nitrates	0
CDPH Bottle #	6130

### 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	L
	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 H  
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	10:00
Date	4-Sep-15
Collectors	Terry, Paul, Trudy
Location	Footbridge
Tide	Incoming
Weather/Wind	Sunny, partial overcast, lt breeze
Water T (deg C)	22
Salinity	35
pH	8
Ammonia	0.25
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

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** 11-Sep-15  
**Collectors** Jim & Terry  
**Location** Inlet  
**Tide** Outgoing  
**Weather/Wind** Scattered clouds, lt breeze  
**Water T (deg C)** 24  
**Salinity** 35  
**pH** 8  
**Ammonia** 0.25  
**Phosphates** 0.25  
**Nitrates** 0  
**CDPH Bottle #** 04792

**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>	
	<b>Leptocylindrus</b>	
	<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>	
	<b>Ceratium fusus</b>	L
	<b>Ceratium lineatum</b>	
	<b>Ceratium macroceros</b>	
	<b>Cochlodinium</b>	
<b>Dinophysis</b>	L	

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** 18-Sep-15  
**Collectors** Melonie, Jim  
**Location** Inlet  
**Tide** Outgoing  
**Weather/Wind** Clear, Breezy  
**Water T (deg C)** 23.5  
**Salinity** 35  
**pH** 8  
**Ammonia** 0.25  
**Phosphates** 0.25  
**Nitrates** 0  
**CDPH Bottle #** 6165

**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>	H
	<b>Coscinodiscus</b>	
	<b>Ditylum</b>	
	<b>Eucampia</b>	
	<b>Ginardia striata</b>	
	<b>Hemiaulus</b>	L
	<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>	
	<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>	
	<b>Ceratium macroceros</b>	
	<b>Cochlodinium</b>	
	<b>Dinophysis</b>	

Gonyalax  
Lingoludinium  
Noctiluca  
Oxytoxum  
Prorocentrum micans H  
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	14:30
Date	18-Sep-15
Collectors	BB, Terry
Location	Footbridge
Tide	High, Incoming
Weather/Wind	Clear, Lt breeze
Water T (deg C)	24
Salinity	30
pH	8
Ammonia	0.5
Phosphates	0.25
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	
	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  
Protooperidinium  
Scrippsiella

L

Silicaflagellate Dictyocha

Other

Unk

Summary

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

Yes/No

Yes

Other:

**FLOW Plankton Monitoring Program Report**

**Time** 10:00  
**Date** 25-Sep-15  
**Collectors** Jim, Jerry  
**Location** Inlet  
**Tide** Outgoing  
**Weather/Wind** Sunny, 2 mph N  
**Water T (deg C)** 22  
**Salinity** 36  
**pH** 8.2  
**Ammonia** 0.25  
**Phosphates** 0.5  
**Nitrates** 1  
**CDPH Bottle #** 6047

**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>	H
	<b>Coscinodiscus</b>	
	<b>Ditylum</b>	L
	<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>	
	<b>Odontella</b>	
	<b>Pleurosigma</b>	
	<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>	

Gonyalax  
Lingoludinium  
Noctiluca  
Oxytoxum  
Prorocentrum micans L  
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** 10:00  
**Date** 25-Sep-15  
**Collectors** Terry & Melanie  
**Location** Footbridge  
**Tide** High, Incoming  
**Weather/Wind** Sunny, clear & calm  
**Water T (deg C)** 23  
**Salinity** 27  
**pH** 8  
**Ammonia** 0.5  
**Phosphates** 0.25  
**Nitrates** 0  
**CDPH 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>	
	<b>Leptocylindrus</b>	
	<b>Licmophora</b>	
	<b>Lithodesmium</b>	
	<b>Melosira</b>	
	<b>Navicula</b>	
	<b>Nitzschia</b>	
	<b>Odontella</b>	
	<b>Pleurosigma</b>	
	<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>	

Gonyalax  
Lingoludinium  
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