

FLOW Plankton Monitoring Program Report

Month: Nov Year: 2013

Date	11/01/2013
Location	Tidal Inlet <input checked="" type="checkbox"/> Wetland <input type="checkbox"/>
Time	10:00 AM
Collectors	Chuck, Nicole, Judy, Dennis
Tide	Going Out <input checked="" type="checkbox"/> Slack <input type="checkbox"/> Coming In <input type="checkbox"/> NA <input type="checkbox"/>
Water T (°C)	17
Salinity (ppt)	33
Weather/ wind	Clear, light winds
pH	8.0
Ammonia	0.12 ppm
Nitrate	0.00
Phosphate	0.00
CDPH Bottle #	05093

List of plankton observed in sample

	Species/ genera/ groups	Estimated relative abundance*		
Diatoms	Asterionella	Low <input checked="" type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Astemphalus	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Bacteriastrum	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Chaetoceros	Low <input checked="" type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Coscinodiscus	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Ditylum	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Eucampia	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Ginardia	Low <input checked="" type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Hemiaulus	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Lauderia	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Leptocylindrus	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Licmophora	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Lithodesmium	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Melosira	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Navicula	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Nitzschia	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Odontella	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Pleurosigma	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Pseudonitzschia	Low <input checked="" type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Rhizosolenia	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Skeletonema	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Thalassiosira	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Thalassionema	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
Thalassiothrix	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>	
		Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
		Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
		Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>

Dinoflagellates	Akashiwo	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Alexandrium	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Ceratium divaricatum	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Ceratium furca	Low <input checked="" type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Ceratium fusus	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Ceratium lineatum	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Ceratium macroceros	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Ceratium sp. (other)	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Cochlodinium	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Dinophysis acuminata	Low <input checked="" type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Dinophysis caudata	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Dinophysis fortii	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Gonyaulax	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Lingoludinium	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Noctiluca	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Oxytoxum	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Prorocentrum micans	Low <input checked="" type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Protoperidinium	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Scrippsiella	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
		Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>	
	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>	
	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>	
Other groups	Dictyocha	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Tintinnids	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Radiolaria	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Copepods	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Crustacean larvae (nauplii/zoea)	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Fish larvae/ eggs	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
		Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
		Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Ceratium Candelabrum	Low <input checked="" type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
Summary	Water conditions (T, S, pH and nutrients) were within expected ranges <input checked="" type="checkbox"/> /not within expected ranges <input type="checkbox"/>			
	Comparison with previous week(s):			
	Other Notes:			

*No quantitative analysis/ Relative abundance is estimated visually and represents a general sense of which plankton groups seem to be present in higher amounts when compared to other groups.

FLOW Plankton Monitoring Program Report

Month: Nov Year: 2013

Date	11/08/2013
Location	Tidal Inlet <input checked="" type="checkbox"/> Wetland <input type="checkbox"/>
Time	2:00 PM
Collectors	Brian, Dennis
Tide	Going Out <input checked="" type="checkbox"/> Slack <input type="checkbox"/> Coming In <input type="checkbox"/> NA <input type="checkbox"/>
Water T (°C)	68F
Salinity (ppt)	35
Weather/ wind	Sunny, slight breeze
pH	8.1
Ammonia	0.20 ppm
Nitrate	0.00
Phosphate	0.10 ppm
CDPH Bottle #	04325

List of plankton observed in sample

	Species/ genera/ groups	Estimated relative abundance*		
Diatoms	Asterionella	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Astemphalus	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Bacteriastrum	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Chaetoceros	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input checked="" type="checkbox"/>
	Coscinodiscus	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Ditylum	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Eucampia	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Ginardia	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Hemiaulus	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Lauderia	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Leptocylindrus	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Licmophora	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Lithodesmium	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Melosira	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Navicula	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Nitzschia	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Odontella	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Pleurosigma	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Pseudonitzschia	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Rhizosolenia	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Skeletonema	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Thalassiosira	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Thalassionema	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Thalassiothrix	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>	
	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>	
	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>	

Dinoflagellates	Akashiwo	Low <input checked="" type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Alexandrium	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Ceratium divaricatum	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Ceratium furca	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Ceratium fusus	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Ceratium lineatum	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Ceratium macroceros	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Ceratium sp. (other)	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Cochlodinium	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Dinophysis acuminata	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Dinophysis caudata	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Dinophysis fortii	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Gonyaulax	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Linguludinium	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Noctiluca	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Oxytoxum	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Prorocentrum micans	Low <input checked="" type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Protoperidinium	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Scrippsiella	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
		Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>	
	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>	
	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>	
Other groups	Dictyocha	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Tintinnids	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Radiolaria	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Copepods	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Crustacean larvae (nauplii/zoea)	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Fish larvae/ eggs	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
		Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
		Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>	
Summary	Water conditions (T, S, pH and nutrients) were within expected ranges <input checked="" type="checkbox"/> /not within expected ranges <input type="checkbox"/>			
	Comparison with previous week(s):			
	Other Notes:			

*No quantitative analysis/ Relative abundance is estimated visually and represents a general sense of which plankton groups seem to be present in higher amounts when compared to other groups.

FLOW Plankton Monitoring Program Report

Month: Nov Year: 2013

Date	11/15/2013
Location	Tidal Inlet <input type="checkbox"/> Wetland <input checked="" type="checkbox"/>
Time	9:21 AM
Collectors	Suzie, David, Jerry
Tide	Going Out <input type="checkbox"/> Slack <input type="checkbox"/> Coming In <input type="checkbox"/> NA <input checked="" type="checkbox"/>
Water T (°C)	18
Salinity (ppt)	35
Weather/ wind	Overcast, 7-10 mph from South
pH	8
Ammonia	0.25 ppm
Nitrate	0.00
Phosphate	0.00
CDPH Bottle #	n/a

List of plankton observed in sample

	Species/ genera/ groups	Estimated relative abundance*		
Diatoms	Asterionella	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Astemphalus	Low <input checked="" type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Bacteriastrum	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Chaetoceros	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Coscinodiscus	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Ditylum	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Eucampia	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Ginardia	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Hemiaulus	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Lauderia	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Leptocylindrus	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Licmophora	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Lithodesmium	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Melosira	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Navicula	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Nitzschia	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Odontella	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Pleurosigma	Low <input checked="" type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Pseudonitzschia	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Rhizosolenia	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Skeletonema	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Thalassiosira	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Thalassionema	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Thalassiothrix	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>	
	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>	
	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>	

Dinoflagellates	Akashiwo	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Alexandrium	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Ceratium divaricatum	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Ceratium furca	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Ceratium fusus	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Ceratium lineatum	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Ceratium macroceros	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Ceratium sp. (other)	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Cochlodinium	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Dinophysis acuminata	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Dinophysis caudata	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Dinophysis fortii	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Gonyaulax	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Linguludinium	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Noctiluca	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Oxytoxum	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Prorocentrum micans	Low <input checked="" type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Protoperidinium	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Scrippsiella	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
		Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>	
	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>	
	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>	
Other groups	Dictyocha	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Tintinnids	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Radiolaria	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Copepods	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Crustacean larvae (nauplii/zoea)	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Fish larvae/ eggs	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
		Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
		Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
Summary	Water conditions (T, S, pH and nutrients) were within expected ranges <input checked="" type="checkbox"/> /not within expected ranges <input type="checkbox"/>			
Comparison with previous week(s):				
Other Notes:				

*No quantitative analysis/ Relative abundance is estimated visually and represents a general sense of which plankton groups seem to be present in higher amounts when compared to other groups.

FLOW Plankton Monitoring Program Report

Month: Nov Year: 2013

Date	11/22/2013
Location	Tidal Inlet <input type="checkbox"/> Wetland <input checked="" type="checkbox"/>
Time	1:55 PM
Collectors	Arthur, Jerry, Belen
Tide	Going Out <input type="checkbox"/> Slack <input type="checkbox"/> Coming In <input type="checkbox"/> NA <input checked="" type="checkbox"/>
Water T (°C)	16
Salinity (ppt)	32
Weather/ wind	Slight rain, light wind
pH	7.8
Ammonia	0.25
Nitrate	0.00
Phosphate	0.50
CDPH Bottle #	n/a

List of plankton observed in sample

	Species/ genera/ groups	Estimated relative abundance*		
Diatoms	Asterionella	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Astemphalus	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Bacteriastrum	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Chaetoceros	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Coscinodiscus	Low <input checked="" type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Ditylum	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Eucampia	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Ginardia	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Hemiaulus	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Lauderia	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Leptocylindrus	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Licmophora	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Lithodesmium	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Melosira	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Navicula	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Nitzschia	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Odontella	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Pleurosigma	Low <input checked="" type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Pseudonitzschia	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Rhizosolenia	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Skeletonema	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Thalassiosira	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Thalassionema	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Thalassiothrix	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>	
	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>	
	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>	

Dinoflagellates	Akashiwo	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Alexandrium	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Ceratium divaricatum	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Ceratium furca	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Ceratium fusus	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Ceratium lineatum	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Ceratium macroceros	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Ceratium sp. (other)	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Cochlodinium	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Dinophysis acuminata	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Dinophysis caudata	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Dinophysis fortii	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Gonyaulax	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Linguludinium	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Noctiluca	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Oxytoxum	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Prorocentrum micans	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Protoperidinium	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Scrippsiella	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
		Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>	
	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>	
	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>	
Other groups	Dictyocha	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Tintinnids	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Radiolaria	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Copepods	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Crustacean larvae (nauplii/zoea)	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Fish larvae/ eggs	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
		Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
		Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
Summary	Water conditions (T, S, pH and nutrients) were within expected ranges <input checked="" type="checkbox"/> /not within expected ranges <input type="checkbox"/>			
Comparison with previous week(s):				
Other Notes:				

*No quantitative analysis/ Relative abundance is estimated visually and represents a general sense of which plankton groups seem to be present in higher amounts when compared to other groups.

FLOW Plankton Monitoring Program Report

Month: Nov Year: 2013

Date	11/01/2013
Location	Tidal Inlet <input type="checkbox"/> Wetland <input checked="" type="checkbox"/>
Time	10:07 AM
Collectors	Tran, Jerry, Justin, Arthur
Tide	Going Out <input type="checkbox"/> Slack <input type="checkbox"/> Coming In <input type="checkbox"/> NA <input checked="" type="checkbox"/>
Water T (°C)	18
Salinity (ppt)	33
Weather/ wind	Light wind from West
pH	8.0
Ammonia	0.15 ppm
Nitrate	0.50 ppm
Phosphate	0.25 ppm
CDPH Bottle #	n/a

List of plankton observed in sample

	Species/ genera/ groups	Estimated relative abundance*		
Diatoms	Asterionella	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Astemphalus	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Bacteriastrum	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Chaetoceros	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Coscinodiscus	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Ditylum	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Eucampia	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Ginardia	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Hemiaulus	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Lauderia	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Leptocylindrus	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Licmophora	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Lithodesmium	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Melosira	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Navicula	Low <input type="checkbox"/>	High <input checked="" type="checkbox"/>	Dominant <input type="checkbox"/>
	Nitzschia	Low <input checked="" type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Odontella	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Pleurosigma	Low <input type="checkbox"/>	High <input checked="" type="checkbox"/>	Dominant <input type="checkbox"/>
	Pseudonitzschia	Low <input checked="" type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Rhizosolenia	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Skeletonema	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Thalassiosira	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Thalassionema	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Thalassiothrix	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>	
	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>	
	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>	

Dinoflagellates	Akashiwo	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Alexandrium	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Ceratium divaricatum	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Ceratium furca	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Ceratium fusus	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Ceratium lineatum	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Ceratium macroceros	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Ceratium sp. (other)	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Cochlodinium	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Dinophysis acuminata	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Dinophysis caudata	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Dinophysis fortii	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Gonyaulax	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Lingulodinium	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Noctiluca	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Oxytoxum	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Prorocentrum micans	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Protoperidinium	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Scrippsiella	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
		Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>	
	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>	
	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>	
Other groups	Dictyocha	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Tintinnids	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Radiolaria	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Copepods	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Crustacean larvae (nauplii/zoea)	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Fish larvae/ eggs	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
		Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
		Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
Summary	Water conditions (T, S, pH and nutrients) were within expected ranges <input checked="" type="checkbox"/> /not within expected ranges <input type="checkbox"/>			
Comparison with previous week(s):				
Other Notes:				

*No quantitative analysis/ Relative abundance is estimated visually and represents a general sense of which plankton groups seem to be present in higher amounts when compared to other groups.

FLOW Plankton Monitoring Program Report

Month: Nov Year: 2013

Date	11/08/2013
Location	Tidal Inlet <input type="checkbox"/> Wetland <input checked="" type="checkbox"/>
Time	2:00 PM
Collectors	Jim, Arthur
Tide	Going Out <input type="checkbox"/> Slack <input type="checkbox"/> Coming In <input type="checkbox"/> NA <input checked="" type="checkbox"/>
Water T (°C)	19
Salinity (ppt)	33
Weather/ wind	Light wind
pH	8.0
Ammonia	0.10 ppm
Nitrate	0.00
Phosphate	0.10 ppm
CDPH Bottle #	n/a

List of plankton observed in sample

	Species/ genera/ groups	Estimated relative abundance*		
Diatoms	Asterionella	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Astemphalus	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Bacteriastrum	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Chaetoceros	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Coscinodiscus	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Ditylum	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Eucampia	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Ginardia	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Hemiaulus	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Lauderia	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Leptocylindrus	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Licmophora	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Lithodesmium	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Melosira	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Navicula	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Nitzschia	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Odontella	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Pleurosigma	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Pseudonitzschia	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Rhizosolenia	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Skeletonema	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Thalassiosira	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Thalassionema	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
Thalassiothrix	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>	
	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>	
	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>	
	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>	

Dinoflagellates	Akashiwo	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Alexandrium	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Ceratium divaricatum	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Ceratium furca	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Ceratium fusus	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Ceratium lineatum	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Ceratium macroceros	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Ceratium sp. (other)	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Cochlodinium	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Dinophysis acuminata	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Dinophysis caudata	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Dinophysis fortii	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Gonyaulax	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Lingulodinium	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Noctiluca	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Oxytoxum	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Prorocentrum micans	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Protoperidinium	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Scrippsiella	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
		Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>	
	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>	
	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>	
Other groups	Dictyocha	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Tintinnids	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Radiolaria	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Copepods	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Crustacean larvae (nauplii/zoea)	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Fish larvae/ eggs	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
		Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
		Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
Summary	Water conditions (T, S, pH and nutrients) were within expected ranges <input checked="" type="checkbox"/> /not within expected ranges <input type="checkbox"/>			
Comparison with previous week(s):				
Other Notes:				

*No quantitative analysis/ Relative abundance is estimated visually and represents a general sense of which plankton groups seem to be present in higher amounts when compared to other groups.

FLOW Plankton Monitoring Program Report

Month: Nov Year: 2013

Date	11/15/2013
Location	Tidal Inlet <input type="checkbox"/> Wetland <input checked="" type="checkbox"/>
Time	9:21 AM
Collectors	Suzie, David, Jerry
Tide	Going Out <input type="checkbox"/> Slack <input type="checkbox"/> Coming In <input type="checkbox"/> NA <input checked="" type="checkbox"/>
Water T (°C)	18
Salinity (ppt)	35
Weather/ wind	Overcast, 7-10 mph from South
pH	8
Ammonia	0.25 ppm
Nitrate	0.00
Phosphate	0.00
CDPH Bottle #	n/a

List of plankton observed in sample

	Species/ genera/ groups	Estimated relative abundance*		
Diatoms	Asterionella	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Astemphalus	Low <input checked="" type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Bacteriastrum	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Chaetoceros	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Coscinodiscus	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Ditylum	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Eucampia	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Ginardia	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Hemiaulus	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Lauderia	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Leptocylindrus	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Licmophora	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Lithodesmium	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Melosira	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Navicula	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Nitzschia	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Odontella	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Pleurosigma	Low <input checked="" type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Pseudonitzschia	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Rhizosolenia	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Skeletonema	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Thalassiosira	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Thalassionema	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Thalassiothrix	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>	
	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>	
	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>	

Dinoflagellates	Akashiwo	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Alexandrium	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Ceratium divaricatum	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Ceratium furca	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Ceratium fusus	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Ceratium lineatum	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Ceratium macroceros	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Ceratium sp. (other)	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Cochlodinium	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Dinophysis acuminata	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Dinophysis caudata	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Dinophysis fortii	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Gonyaulax	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Linguludinium	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Noctiluca	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Oxytoxum	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Prorocentrum micans	Low <input checked="" type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Protoperidinium	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Scrippsiella	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
		Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>	
	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>	
	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>	
Other groups	Dictyocha	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Tintinnids	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Radiolaria	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Copepods	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Crustacean larvae (nauplii/zoea)	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Fish larvae/ eggs	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
		Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
		Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
Summary	Water conditions (T, S, pH and nutrients) were within expected ranges <input checked="" type="checkbox"/> /not within expected ranges <input type="checkbox"/>			
Comparison with previous week(s):				
Other Notes:				

*No quantitative analysis/ Relative abundance is estimated visually and represents a general sense of which plankton groups seem to be present in higher amounts when compared to other groups.

FLOW Plankton Monitoring Program Report

Month: Nov Year: 2013

Date	11/22/2013
Location	Tidal Inlet <input type="checkbox"/> Wetland <input checked="" type="checkbox"/>
Time	1:55 PM
Collectors	Arthur, Jerry, Belen
Tide	Going Out <input type="checkbox"/> Slack <input type="checkbox"/> Coming In <input type="checkbox"/> NA <input checked="" type="checkbox"/>
Water T (°C)	16
Salinity (ppt)	32
Weather/ wind	Slight rain, light wind
pH	7.8
Ammonia	0.25
Nitrate	0.00
Phosphate	0.50
CDPH Bottle #	n/a

List of plankton observed in sample

	Species/ genera/ groups	Estimated relative abundance*		
Diatoms	Asterionella	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Astemphalus	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Bacteriastrum	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Chaetoceros	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Coscinodiscus	Low <input checked="" type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Ditylum	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Eucampia	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Ginardia	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Hemiaulus	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Lauderia	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Leptocylindrus	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Licmophora	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Lithodesmium	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Melosira	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Navicula	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Nitzschia	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Odontella	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Pleurosigma	Low <input checked="" type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Pseudonitzschia	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Rhizosolenia	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Skeletonema	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Thalassiosira	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Thalassionema	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Thalassiothrix	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>	
	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>	
	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>	

Dinoflagellates	Akashiwo	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Alexandrium	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Ceratium divaricatum	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Ceratium furca	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Ceratium fusus	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Ceratium lineatum	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Ceratium macroceros	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Ceratium sp. (other)	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Cochlodinium	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Dinophysis acuminata	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Dinophysis caudata	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Dinophysis fortii	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Gonyaulax	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Linguludinium	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Noctiluca	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Oxytoxum	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Prorocentrum micans	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Protoperidinium	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Scrippsiella	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
		Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>	
	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>	
	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>	
Other groups	Dictyocha	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Tintinnids	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Radiolaria	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Copepods	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Crustacean larvae (nauplii/zoea)	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
	Fish larvae/ eggs	Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
		Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
		Low <input type="checkbox"/>	High <input type="checkbox"/>	Dominant <input type="checkbox"/>
Summary	Water conditions (T, S, pH and nutrients) were within expected ranges <input checked="" type="checkbox"/> /not within expected ranges <input type="checkbox"/>			
Comparison with previous week(s):				
Other Notes:				

*No quantitative analysis/ Relative abundance is estimated visually and represents a general sense of which plankton groups seem to be present in higher amounts when compared to other groups.