

Phytoplankton Monitoring Project

Field Data

Name

Name

Sample Date Time Total time(incl. travel)

Sample Site

Weather ☐ Sunny ☐ Partly Cloudy ☐ Overcast ☐ Steady Rain ☐ Intermittent Rain

Air Temperature (°C) **Water Temperature** **Salinity**

Tide Level

	Incoming	Slack	Outgoing
Low			
Mid			
High			

Date of Last Rain

Water Color

- ☐ No Color
- ☐ Brown/Muddy
- ☐ Green
- ☐ Milky/white
- ☐ Red/Tannic

Water Surface

- ☐ Clear
- ☐ Oily Sheen
- ☐ Algae
- ☐ Foam
- ☐ Other

Water Oder

- ☐ Natural/None
- ☐ Gasoline
- ☐ Sewage
- ☐ Fishy
- ☐ Chlorine
- ☐ Other

Water Clarity

- ☐ Clear
- ☐ Cloudy
- ☐ Turbid

Water Conditions

- ☐ Calm
- ☐ Ripples
- ☐ Waves
- ☐ White Caps

Notes

Sampling Protocol

1. Record weather observations, note any unusual conditions.
2. Use the bucket to get a water sample to measure temperature and salinity.
3. Attach sample bottle to the plankton net and dunk it a few times to remove air.
4. 'Tow' the net for 3 minutes either by walking it back and forth or letting the current flow through if it is strong enough to keep the net horizontal. The top of the net opening should be just below the water surface.

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Lab Date

Lab Start Time

Lab End Time

HAB Species		Few	1/grid	many
	Akashiwo			
	Alexandrium			
	Ceratium furca			
	Chaetoceros			
	Cochlodinium			
	Dinophysis			
	Karenia			
	Karlodinium			
	Lingulodinium			
	Prorocentrum			
	Pseudo-nitzschia			
	Pyrodinium			

		Few	1/grid	many
	Asterionellopsis			
	Bacillaria			
	Bacteriastrum			
	Coscinodiscus			
	Ditylum			
	Entomoneis			
	Eucampia			
	Fragilaria			
	Guinardia			
	Hemiaulus			
	Leptocylindrus			
	Licmophora			
	Navicula			
	Nitzschia			
	Odontella			
	Pleurosigma			
	Rhizosolenia			
	Skeletonema			
	Stephanopyxis			
	Thalassionema			