

Protocol for HAB Sample Collection

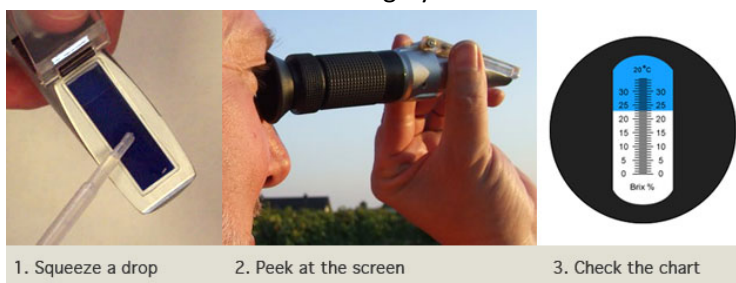
Equipment

- 20- μ m mesh plankton net with cod end
- Bucket
- Thermometer
- Refractometer
- Pipette
- Rope

Sample Collection

Temperature and Salinity

- Collect water from the location where the net tow is to be taken using the bucket
 - Place thermometer in the water and allow it to equilibrate while performing the net tow
 - Keep the bucket out of direct sunlight
 - After a minimum of 5min equilibration, read temperature to the nearest $\frac{1}{2}$ degree
 - Record temperature on log sheet
 - Using the pipette, collect a small volume of water from the bucket
 - Place a drop of water on the blue glass surface of the refractometer
 - Lower the clear plastic shield, hold the refractometer towards a light source and look through the eyepiece
 - The salinity value is where the blue shade ends on the scale
 - Record on log sheet
 - Clean surface thoroughly



New Tow

- Rinse the net and cod end in the water to be sampled
 - At the location(s) take a horizontal or vertical tow for the distance specified during your site training
 - Record net tow type (horizontal or vertical) and length on log sheet

Cleaning

- Rinse all sampling items thoroughly with freshwater after use
 - The net can be rinsed with a faucet or hose that has a gentle flow or it can be placed in a tub of freshwater and swished around