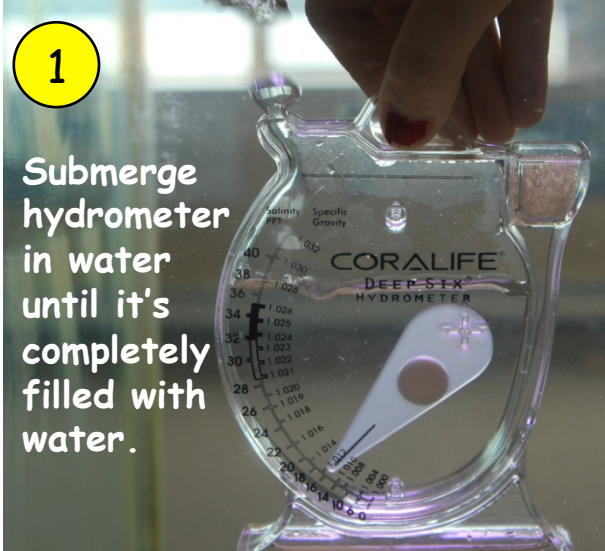


How to use a Hydrometer

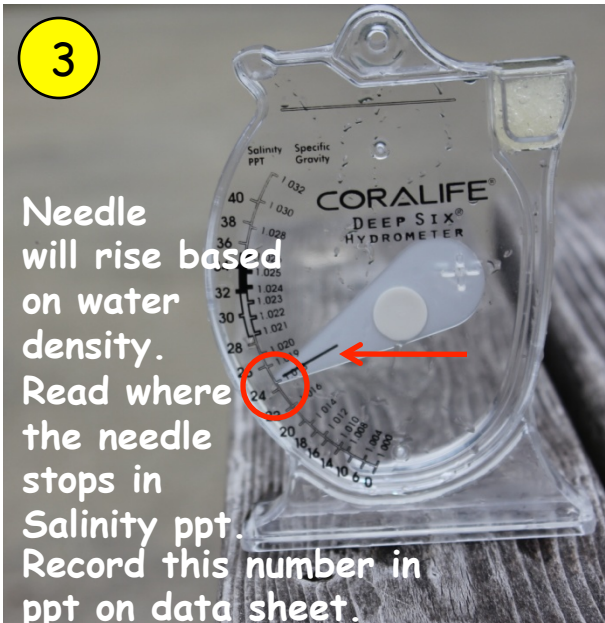


1

Submerge hydrometer in water until it's completely filled with water.

2

Gently tap on flat surface to remove air bubbles.

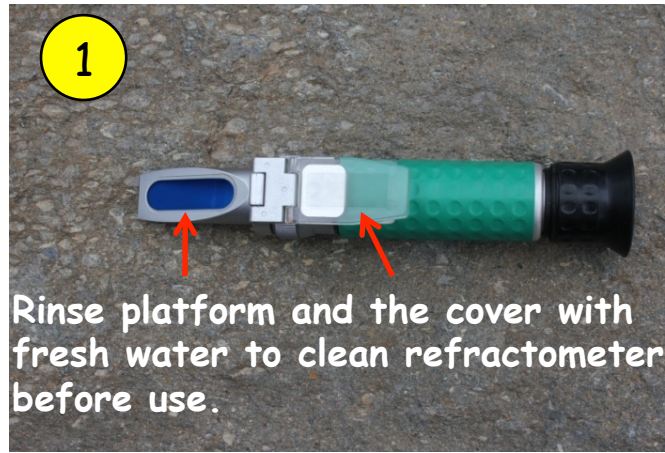


3

Needle will rise based on water density. Read where the needle stops in Salinity ppt. Record this number in ppt on data sheet.

In this example, reading is 24 ppt:

How to use a Refractometer



1

Rinse platform and the cover with fresh water to clean refractometer before use.



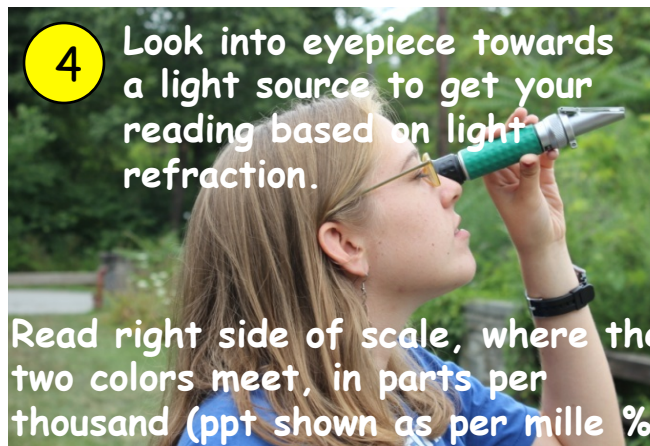
2

Put a drop or two of river water on the platform.



3

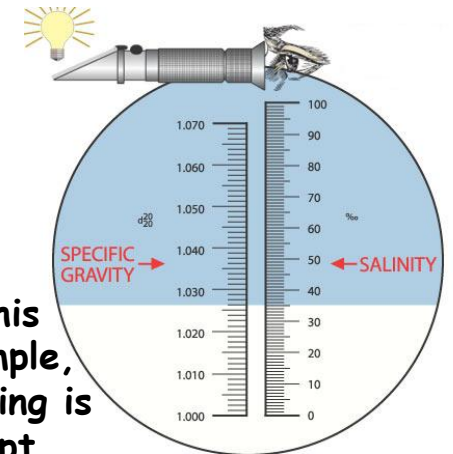
Gently close cover over drop of water.



4

Look into eyepiece towards a light source to get your reading based on light refraction.

Read right side of scale, where the two colors meet, in parts per thousand (ppt shown as per mille ‰)



In this example, reading is 35 ppt.