Help! There are too many measurements!

SPLASSH's cheat sheet on which units to use

Physical Parameters

- Temperature: measured in degrees celsius
- Depth: measured in meters
- Area: measured in hectares
- Flow: measured in meters per second
- Clarity: measured with a secchi disk or turbidity tube. Units are meters and centimeters, respectively.
- Turbidity: measured with a turbidity meter or turbidity sensor, units are NTUs
- Total Suspended Solids: measured with a filtering flask, units are TSS

Biological Parameters

- Fecal coliform bacteria
- Non-fecal coliform bacteria
- phytoplankton
- zooplankton
- algae
- plants
- invertebrates
- fish
- amphibian
- reptiles
- birds
- mammals

Microbes are measured in colonies per liter or milliliter.
Algae are commonly measured in harmful algal blooms (HAB).
Plants and animals are measured in count of organisms.

Chemical Parameters

- Conductivity - measured in micro Siemens/cm or milli Siemens/cm
- Salinity - measured in ppt (parts per thousand)
- pH - simply listed as a number, no units
- Dissolved Oxygen - measured with a sensor or probe. Units can be mg/L or % saturation
- Carbon Dioxide - measured with a sensor or probe. Units are mg/L
- Biological Oxygen Demand - measured at 20^{o} celsius over 5 days, in mg/L
- Chlorophyll A - in µg/L