Dissolved Oxygen Test Procedure

Use test tube caps or stoppers, not your fingers, to cover tubes during shaking or mixing.

Hold dropper bottles vertically upside-down, and not at an angle, when dispensing a reagent. Squeeze the bottle gently to dispense the reagent one drop at a time. Wipe up any reagent chemical spills immediately.

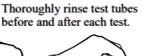


Do not interchange caps from containers.

after use.

Tightly close all

containers immediately



Avoid prolonged exposure of equipment and reagents to direct sunlight. Protect reagents from extremes of temperature.



Part 1 - Collecting the Water Sample (upstream from where you stand)

1.

Rinse the Water

Sampling Bottle (0688-DO) with

the sample water.



2.



Tightly cap the bottle, and submerge it to the desired depth.

3.



Remove the cap and allow the bottle to fill.



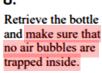


Tap the sides of the bottle to dislodge any air bubbles.



Replace the cap while the bottle is still submerged.

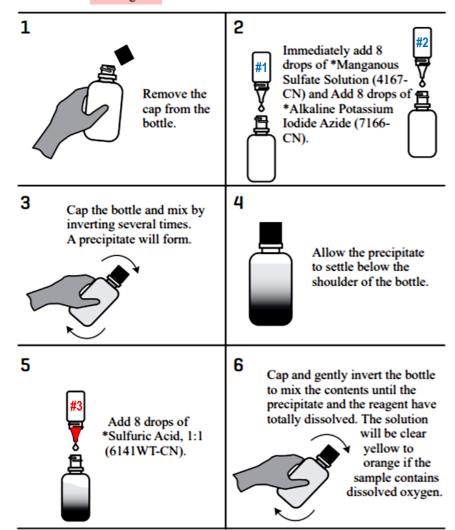






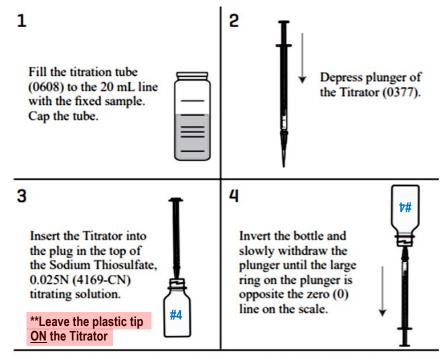
Part 2 - Adding the Reagents REMINDER: Check expiration dates on chemicals.

NOTE: Be careful not to introduce air into the sample while adding the reagents.

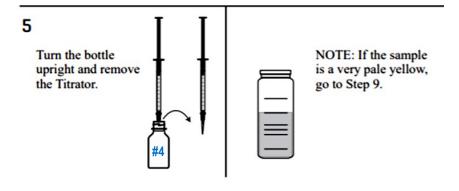


NOTE: At this point the sample has been "fixed" and contact between the sample and the atmosphere will not affect the test result. Samples may be held at this point and titrated later.

*WARNING: Reagents marked with an * are considered to be potential health hazards.



NOTE: If small air bubbles appear in the titrator barrel, expel them by partially filling the barrel and pumping the titration solution back into the reagent container. Repeat until bubble disappears.



**Don't forget DUPLICATE PRECISION. Refer to chapter 5 in the

SC Adopt-a-Stream Handbook for more information and FAQs.

