



Dissolved Oxygen

Procedure with Vernier LabQuest:

- 1) Power up the LabQuest.
- 2) Plug the dissolved oxygen probe into the LabQuest right away (**plug into any channel**) to ensure a warm-up time of at least **4 minutes** before sampling.
- 3) Remove the blue cap from the tip of the dissolved oxygen probe and store it in a safe place.
***Do not touch the bulb on the tip of the probe with fingers.**
- 4) Place the tip of the dissolved oxygen probe into the water source being sampled. The probe must constantly have moving water on the tip to get an accurate reading, so, be sure to keep the probe moving in a swirling motion while taking tests.
Only place the tip of the probe in, do not let the black handle touch the water.
- 5) Keep the tip of the probe in the water until the reading on the screen of the LabQuest has become steady (the reading may not fully stop on one number but as long as the numbers are relatively stable, then you can record the dissolved oxygen level).
It will take no less than 45 seconds with constant water flow over the tip of the probe to obtain an accurate reading.
- 6) Rinse the tip of the probe with distilled water before placing the blue cap back on. It is now safe to unplug the probe from the LabQuest and put it away.