

pH Sampling Procedure Script

[00:05] Use your pre-calibrated Oakton Acorn pH Meter to sample the pH of your site.

[00:12] To measure the pH in the stream, you will need:

- pH meter
- Distilled water
- Waders or shoes that can get wet
- Monitoring data sheet
- Pen or pencil

1. [00:25] Connect any electrodes or probes that have been disconnected back to the pH meter.
2. Remove the electrode from the storage solution.
3. Rinse the electrode with distilled water, and then shake it to remove any excess.
4. [00:39] With your pH meter in hand, wade into the stream mid-width or to an area with complete mixing of waters due to water movement.
5. Facing upstream, place the pH and temperature probes into the water and gently stir them around.
6. Continue moving the probes for 2-3 minutes until the reading on the meter stabilizes.
7. [01:02] Record the pH value on the monitoring data sheet. On the shore, rinse the electrode again with distilled water, and shake off the excess.
8. Replace the electrode in the container with the storage solution.
9. Disconnect the electrodes from the pH meter, and turn the meter off to store it.

[01:22] **Do not** store your pH probe in distilled water. Use only the storage solution. If you are out of storage solution, contact your program coordinator.