

Stream Survey: Water Investigation

pH Test:

A pH test is performed on liquids to test their acidity or alkalinity. PH is based on a scale from 1 to 14. A reading of 1 is the most acidic, and 14 the least acidic, or most basic.

PH results:

Acidic or Basic:

Microscopic View of Sample:

The next investigation of your water sample involves preparing and viewing a wet mount slide of the water. Obtain a slide and cover slip. Wash out an eyedropper and take a drop of your water and put 1 drop on the slide. (Try to get cloudy water if possible.) Cover the drop with a cover slip. Look under the microscope. Start with the lowest level of magnification and move the lens all the way down (while watching it) with the coarse adjustment knob. If you wish to view the sample at a higher magnification, change the objective lens to the next level of magnification. Be cautious with these fine instruments. Please seek help if you find it necessary.

Draw what you are viewing at the second highest magnitude.