

Tributary Stream Data

♦ Stream Height (inches)

From the white mark on the bridge, lower a tape measure until the end just touches water. Measure the distance from the top of the water to up to the white mark.

record here: _____ inches

Next, subtract your measurement from the height of the bridge to calculate the stream height.

bridge height: 80 in. - above measurement: _____ in. = stream height: _____ in.

Record stream height in inches here. →

♦ Stream Width (inches)

Use the tape measure to find the width of the stream. Measure across the stream from water's edge to water's edge while standing on the bridge.

Record your measurement in inches here. →

Analyze: What factors could change these measurements (make it wider, narrower, deeper, or more shallow)?

♦ Soil pH

Take 3 samples of soil from different parts of the stream bank. Use them to fill the wells in the kit. Add 5 drops of solution, then sprinkle with powder. Record below.

Find the median (middle) and record here. →

♦ Stream pH

Take *one* pH test strip and dip it into the stream water. Hold the strip in the air for 15 seconds, then match the color on the chart and read the pH.

Record the pH here. →

Analyze: Why could the pH be different in the soil and the stream?

Could soil pH affect the pH of the stream? Why or why not?

Final Data



<input type="text"/> in.
<input type="text"/> in.
<input type="text"/>
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