

















# STREAM WATER QUALITY WORKSHEET

Enlarge 140% for use. Copy 1 for each site team  
Use with Basic Activity and Extension Activity  
To print an enlarged version, 8.5" x 11", go to  
[www.lamotte.com/en/environmental-education-resources](http://www.lamotte.com/en/environmental-education-resources)

Team Members \_\_\_\_\_ Date \_\_\_\_\_

Site (Color of Card Deck) \_\_\_\_\_ Land Use \_\_\_\_\_

	Column A	Column B
<b>GROUP 1</b> <b>GRUPO 1</b> <p>Macros in Group 1 can only survive in water of high quality. If most macros are in Group 1, the water quality is good to excellent.            Los macros del Grupo 1 pueden sobrevivir únicamente en agua de muy buena calidad. Si la mayoría de macros son del Grupo 1, la calidad del agua es buena a excelente.</p> <div style="display: flex; justify-content: space-around;">      </div>	<div style="border: 1px solid black; width: 40px; height: 40px;"></div> <div style="text-align: center;">x3</div> <div style="border: 1px solid black; width: 40px; height: 40px;"></div>	
<b>GROUP 2</b> <b>GRUPO 2</b> <p>Macros in Group 2 can survive in water with some pollution. If most macros are in Group 2, the water quality is fair to good.            Los macros del Grupo 2 pueden sobrevivir en agua con poca contaminación. Si la mayoría de macros son del Grupo 2, la calidad del agua es regular a buena.</p> <div style="display: flex; justify-content: space-around;">         </div>	<div style="border: 1px solid black; width: 40px; height: 40px;"></div> <div style="text-align: center;">x2</div> <div style="border: 1px solid black; width: 40px; height: 40px;"></div>	
<b>GROUP 3</b> <b>GRUPO 3</b> <p>Macros in Group 3 can survive in polluted water. If most macros are in Group 3, the water quality is poor to fair.            Los macros del Grupo 3 pueden sobrevivir en agua con más contaminación. Si la mayoría de macros son del Grupo 3, la calidad del agua es pobre a regular.</p> <div style="display: flex; justify-content: space-around;">    </div>	<div style="border: 1px solid black; width: 40px; height: 40px;"></div> <div style="text-align: center;">x1</div> <div style="border: 1px solid black; width: 40px; height: 40px;"></div>	
		<div style="border: 1px solid black; width: 40px; height: 40px;"></div>

Greater than 22  
Excellent

11-16  
Fair

17-22  
Good

Less than 11  
Poor

1. Fill in the information at the top of the form.
2. Put an X on the mini sorting sheet above where there are cards on your sorting sheet.
3. Count the number of boxes with X's in each row. Write the number in Column A.
4. Multiply the numbers in Column A by the factor. Write the answers in the boxes in Column B.
5. Add the numbers in the boxes in Column B. Write the total in the box at the bottom of Column B.
6. Circle the range that contains the number in the box. What is the water quality at your site?