



Water Quality Data Sheet

Student Names: _____

Stream Name: _____ Date: _____

Instructions

While conducting the water quality experiments, complete the information and questions below.

Weather description (e.g., hot, windy, rainy, cloudy, etc.)	
Today	
Yesterday	

Follow the instructions in your GREEN water monitoring kit to determine these important water quality factors. (Note: ppm = parts per million)	
Water Quality Test	Data
Air Temperature (° C)	
Water Temperature (° C)	
Dissolved Oxygen (ppm)	
pH (Note: 0-6 = acidic; 7 = neutral; 8-14 = basic)	
Nitrates (ppm)	
Phosphates (ppm)	
Coliform Bacteria	
Turbidity (cm)	



Water Quality Data Sheet (con't)

Answer the following questions

1. What effect could the weather have on stream chemistry? (Think about whether you would get the same chemistry results after a dry period as you would after a rainstorm.) _____

2. What things in the water use dissolved oxygen? (Are you sure you thought of everything? Think back to *all* of the kingdoms you studied in science class.) _____

3. How could chemicals (e.g., fertilizers and pesticides) applied to the land ten miles away from the site get into the water that you are testing today? _____

Remember to turn this data sheet in to your station leader before you leave this station!