

Name: EXAMPLE WORKSHEET

Date: _____

Runaway Runoff Exercise 1: Who's Who

To make sense of this assignment, you need to read and follow the instructions on ALL of the pages in the Lab Instructions window of the Runaway Runoff computer lab. *If you try just skimming, you will end up frustrated and confused!* As you go through the exercises, you'll find questions to answer and/or data to record in the spaces provided on these answer sheets. The numbers of the questions in the Runaway Runoff computer lab will match the ones on your answer sheets.

Your teacher may ask you to stop at certain places, so be sure to pay attention, **FOLLOW DIRECTIONS...** and have fun!

1. What is the concentration of dissolved oxygen in the lake (in mg/L)?

2. What is the concentration of phosphorus in the culvert (in mg/L)?

3. Create your list of substances that might be contained in the runoff from your yard or your neighborhood here:

1. _____

2. _____

3. _____

4. Based on your findings with the MICROSCOPE tool, what do trout in the model lake eat? _____

5. Based on your findings with the MICROSCOPE tool, what does zooplankton in the model lake eat? _____

6. Based on what you know about the lake food chain, what do you predict would happen to the zooplankton population if the algae population size increases? What do you predict would happen to the trout population? Explain your reasoning. _____
