

Record Sheet 13-A

Name: _____

Date: _____

Analyzing the Results of the Pollution Experiment

You and your teammates have collected a great deal of information about how your team’s ecocolumn was affected by the pollutant you added to it. Like all scientists, you need to organize and analyze your data and decide what it means.

Use your team’s planning worksheet and other record sheets or daily notebook observations to answer the following questions. Remember to use specific dates and recorded scientific observations to support your answers.

- 1. What question did you try to answer with your experiment?

- 2. What parts of your plan did you follow and what parts didn’t you follow? (For example, did you water on schedule?)

- 3. What were the first changes you noticed in the terrarium that you used in the experiment? When did you first observe these changes?

- 4. Describe the changes over time that you observed in the terrarium used in the experiment.

Record Sheet 13-A**Analyzing the Results of the Pollution Experiment** *(continued)*

5. Knowing what happened to the plants in the experiment's terrarium, what do you think would have happened to the crickets and isopods in your own ecocolumn if it had been polluted?

6. What were the first changes you noticed in the experiment's aquarium? When did you first observe these changes?

7. Describe the changes you observed in the aquarium over time.

8. Knowing what happened to the organisms in the aquarium used in the experiment, what do you think would have happened to the mosquito fish and snails in your own ecocolumn if it had been polluted?

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Analyzing the Results of the Pollution Experiment *(continued)*

9. Look again at your answer to question 1 on this record sheet. What is the answer to your experimental question?

10. How do the results of your team's experiment compare with the results of the other team doing the same experiment?
