

Name:

Date:

Class:

Mystery of the Contaminated Water - Student Handout Part 1

Step 1: After reading the case file, answer the following questions with your group:

Ask: What is the challenge?

What are some constraints you think you will have with this project?

Member Roles - With your teammates, discuss who will be doing the following roles.

- Leader:
- Speaker:
- Recorder:

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Step 2:

Research: With your group, research what kinds and types of pollutants and contaminants can be found in water and what tests are used to test for those pollutants/contaminants.

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Observe your water sample with only your eyes. Describe your water sample below.

Step 3:

Brainstorm: With your group, make a list of pollutants/contaminants that could be found in your water sample based on your observations and how you could test the water for those pollutants/contaminants.

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Step 4:

Plan: Develop a protocol that you will follow to analyze the evidence (water sample). Don't forget to be specific about what materials you need, how much, your step-by-step instructions, etc.

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The Plan Continued