

CLEAN IT UP:

CAN CONTAMINATED WATER BE CLEANED?

Procedure

1. Sketch a picture of your aquifer as the contaminate infiltrates the gravel

2. Why is remediation difficult? Explain

3. Describe what happened to the water when you shook it with charcoal

Extension

- A. Experiment with other materials for building a filter or treatment device such as small sponges, floral foam, cheese cloth, etc. Choose two and record how well they filter the water compared to carbon.

- B. Experiment with other materials for contaminating the groundwater, such as powdered drink mix. Choose two and record how well they are filtered compared to the colored water.

- C. Research other forms of water treatment and groundwater remediation. Discuss prevention of groundwater contamination versus the cost of clean-up.
