

Lead in Water Worksheet

Observations

Sample	Color of sample plus sodium rhodizonate
Control	
Water Sample	

Post-Lab Questions

1. Based on the test results, should additional analysis be conducted on the water sample? Explain.

2. A stream runs through an abandoned surface mine. Draw a diagram to indicate the best locations for collecting water samples to test for lead contamination of the stream by the mine tailings. Justify your choices.

3. In the *Background* section, the remediation of lead using plants was described. Some remediation plans call for the removal of all plants that currently grow on the site. What is the reason behind this recommendation?

4. Some states have considered banning lead fishing sinkers and lead shot used in skeet shooting. Discuss why these sources of lead are a concern for state wildlife officials.