

Macroinvertebrates Have Been Found!

Open Response

Name _____

The following organisms have been collected and identified in 2 separate creeks in Mason County.

Lee Creek(near Minerva): *Dobsonfly Larva, Stonefly Nymphs, Mayfly Nymphs, Crayfish, and Beetle Larva.*

Lawrence Creek(near Eastern Kentucky Power): Leeches, Black Fly Larva, and Aquatic Worms.

- Use the Macroinvertebrate Taxa Groups Chart provided to describe the relative health of both Lee and Lawrence Creek. Use evidence to write your analysis.
- Make an inference as to why one creek may have healthier water than the other.

Macroinvertebrates Have Been Found!!! Scoring Guide

- 4 Precise and complete evidence has been written to explain the relative health of both creeks. Several inferences have been made to explain why different life forms exist.
- 3 Evidence is cited that explains health of both creeks. A practical inference has been made to explain different life forms.
- 2 One organism is used for each creek to explain creek health. An inference has been made to explain a reason for one of the creeks' health.
- 1 Evidence is not used or misinterpreted. Unlikely reason for one creek being more polluted than the other is made
- 0 No Response