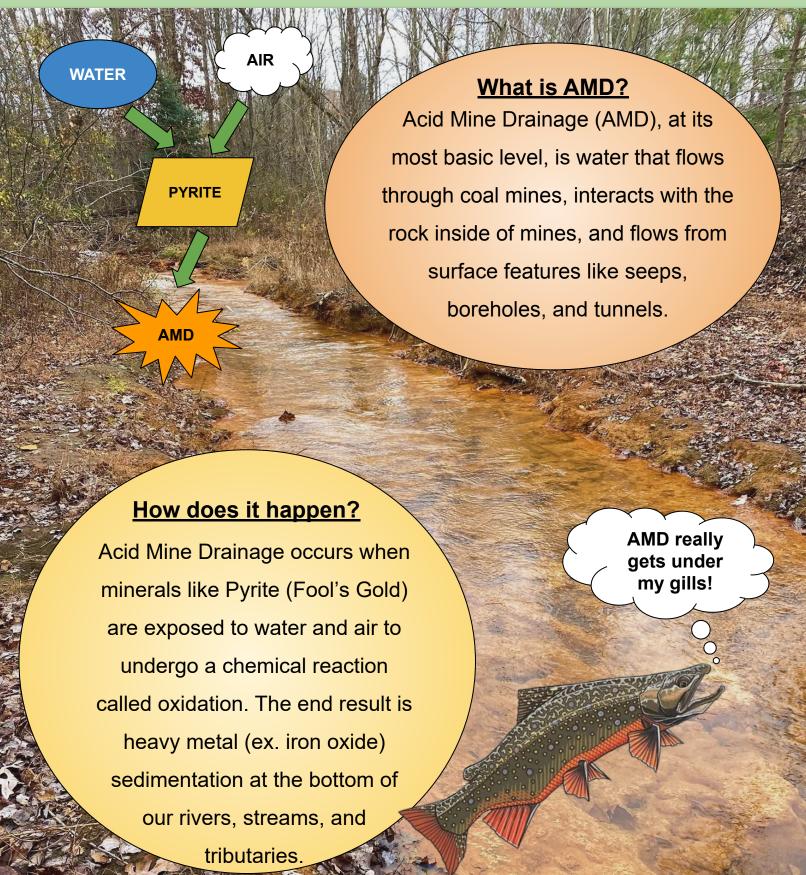
Acid Mine Drainage (AMD) and Remediation





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Are there environmental risks?

Acid Mine Drainage (AMD) raises the iron levels and lowers pH in streams.

When water reacts with minerals inside coal mines, they release sulfuric acid and dissolved iron. These two things make it very hard for fish and macroinvertebrates spawn and thrive in streams.

How can it be fixed?

AMD can be fixed by creating active water treatment systems or passive systems with vegetation that can help to remove the iron and acid from water over time.

AMD will pass through aerators or a series of ponds with plants that allow the iron to settle out and can be harvested or it will adhere to the plant's root systems.

Acid Mine Drainage (AMD) - Sulfide Mining in the Boundary Waters

Acid Mine Drainage (AMD) and Remediation



