

TOPIC:

ARSENIC in GROUNDWATER

Overview

The maximum contaminant level (MCL) of arsenic (As) concentration in drinking water is regulated by the US Environmental Protection Agency (EPA) as 10 µg/L and has been documented above this concentration in groundwater aquifers throughout the Midwest. In Indiana, natural As in groundwater is mobilized from its lithological hosts (either unconsolidated glacial or near-surface, bedrock aquifers) through geochemical reactions. Arsenic in groundwater can also be attributed to human activities such as the application of arsenic-bearing pesticides to fruit orchards or the usage of arsenic compounds as a wood preservative.

Impacts on Our Water

Arsenic in groundwater is a concern because it is a known carcinogen and can cause skin damage or problems with human circulatory systems.

More Information

www.inwmc.net/resources/water-resource-issues/arsenic-in-groundwater/

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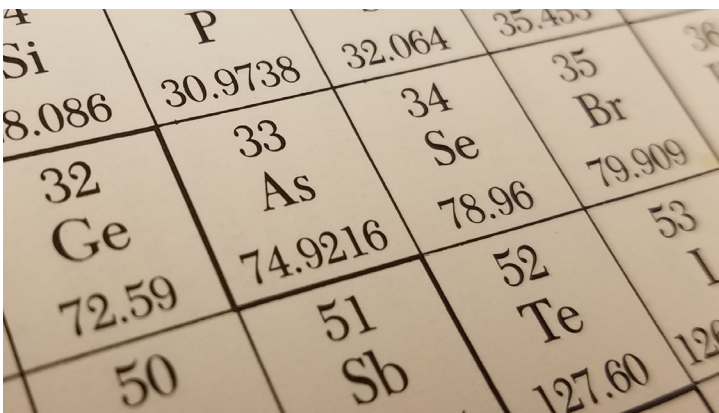


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