

Village of Amesville Contacts:

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Protecting the Village of Amesville's Source of Drinking Water

Did you know...

- *Only 3% of the water on earth is drinkable.*
- *Less than 1 gallon of gas can pollute 1 million gallons of water*
- *You can avoid contaminating your source of drinking water by properly disposing of chemicals that have the potential to cause ground water contamination.*
- *Improper disposal methods include: pouring chemicals on the ground, down a sink or toilet, or down a storm drain (many storm drains lead directly to streams and rivers).*

For more information about Drinking Water Source Protection in Ohio, contact:

Ohio EPA—Southeast District Office (Logan)

740-380-5445

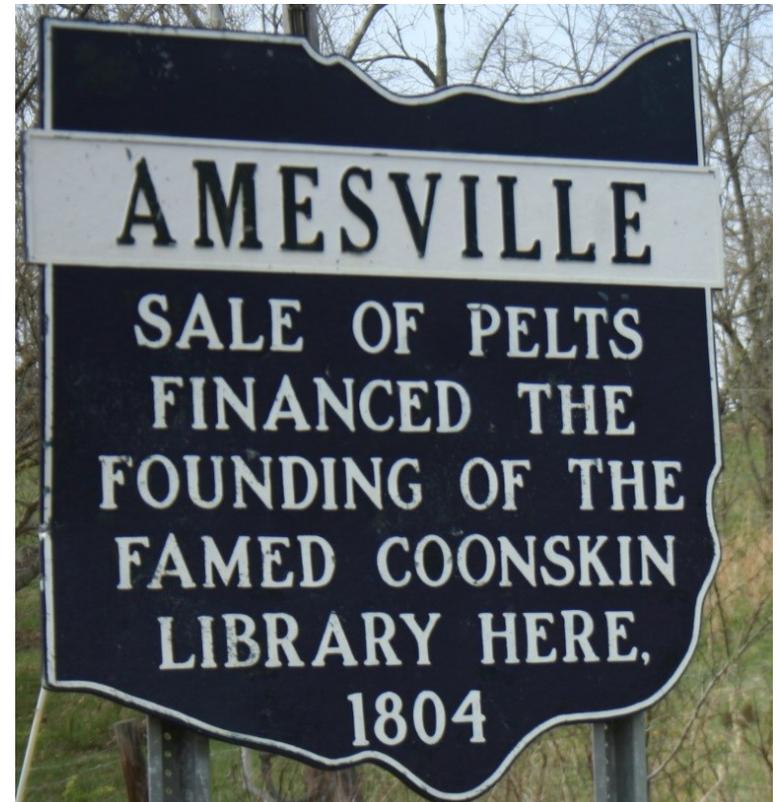
or

Ohio EPA—Central Office (Columbus)

(614) 644-2752

or visit Ohio EPA's source water protection program website at:

<http://epa.ohio.gov/ddagw/swap.aspx>



Where does Amesville's drinking water come from?

The Village of Amesville's drinking water is pumped out of the ground by two wells located on the northwest side of the village between SR 329 and Jago Valley Road. This ground water is then filtered, chlorinated, and treated to remove excess iron and manganese. From there, it is pumped through an underground network of pipes to homes and businesses throughout the village.

Where does the ground water come from? All ground water originally comes from rain or melted snow that has seeped into the ground. Water fills spaces between sand and gravel, as well as fractures in rocks. Where underground water is abundant enough to provide an adequate source of water, the water-rich sediments or rocks are called an aquifer. Amesville's drinking water supply comes from a shallow sand & gravel aquifer associated with Federal Creek.

Ground water does not stay in one place. The ground water supplying Amesville's wells seeps very slowly from all directions around the wells and some may even come from Federal Creek. This means that if pollutants are spilled on the ground near the wells, they may eventually enter the ground water that you are drinking. Although the village provides some treatment, it would be expensive to install systems for every type of possible pollutant. This is why everyone in Amesville should know about **Drinking Water Source Protection**.

What is Drinking Water Source Protection? Drinking Water Source Protection is a plan of action for protecting the water you drink from contamination at the source. To assist Amesville with its drinking water source protection efforts, Ohio EPA provided the village with a Drinking Water Source Assessment report, last revised in January 2018. This report includes a map of the protection area (see next page) based on calculations of how far water travels through the aquifer in one year (referred to as the "Inner Management Zone", outlined in pink) and in five years (referred to as the "Source Water Protection Area", outlined in light blue). The report also includes information on land uses that may pose a contamination risk to the drinking water source. Potential risks are based on proximity to the drinking water source and the kinds/quantities of chemicals that are typically handled by these types of facilities.

The Village of Amesville used the assessment report to develop a drinking water source protection plan in 2018. If you would like to be more involved with the village's drinking water protection efforts, or if you would like to see a copy of the Drinking Water Source Protection Plan, please contact the Village of Amesville at (740) 448-2411.

