

Did You Know.....

- Only 3% of the water on earth is drinkable.
- Less than one gallon of gasoline can pollute one 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.
- The following chemicals are common ground water contaminants:
 - Cleaning Products
 - Automotive Products
 - Fuel Oil
 - Furniture Strippers
 - Lawn & Garden Products
 - Oil based paints
- Improper disposal methods include:
 - pouring chemicals on the ground,
 - pouring chemicals down a sink or toilet connected to a septic system,
 - pouring wastes down a storm drain because many storm drains lead directly into the ground or to a nearby stream.

Contacts

At

The Ohio Environmental Protection Agency

Ohio Environmental Protection Agency
Lazarus Government Center
P.O. Box 1049
Columbus, Ohio 43215-1049
www.epa.ohio.gov

For questions concerning Drinking Water
Protection, contact:

The Division of Drinking and
Ground Waters
Phone: (614) 644-2752

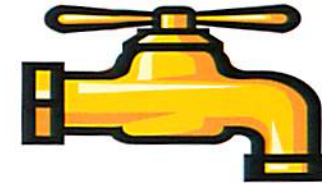
The Office of Pollution Prevention
Phone: (614) 644-3469

Contacts

For questions concerning the Adams
County Regional Water District Drinking
Water Source Protection Area, contact:

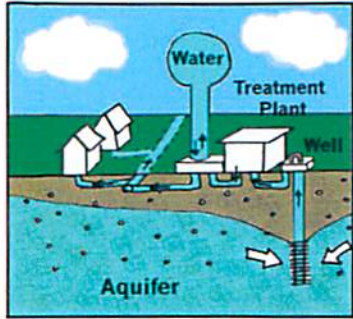
Rick Adamson, General Manager
Phone: (937)-544-2396
Email: rickadamson@acrwd.com

Adams County Regional Water District Drinking Water Source Protection Area



A Community Awareness Announcement
from
Adams County Regional Water District
www.acrwd.com

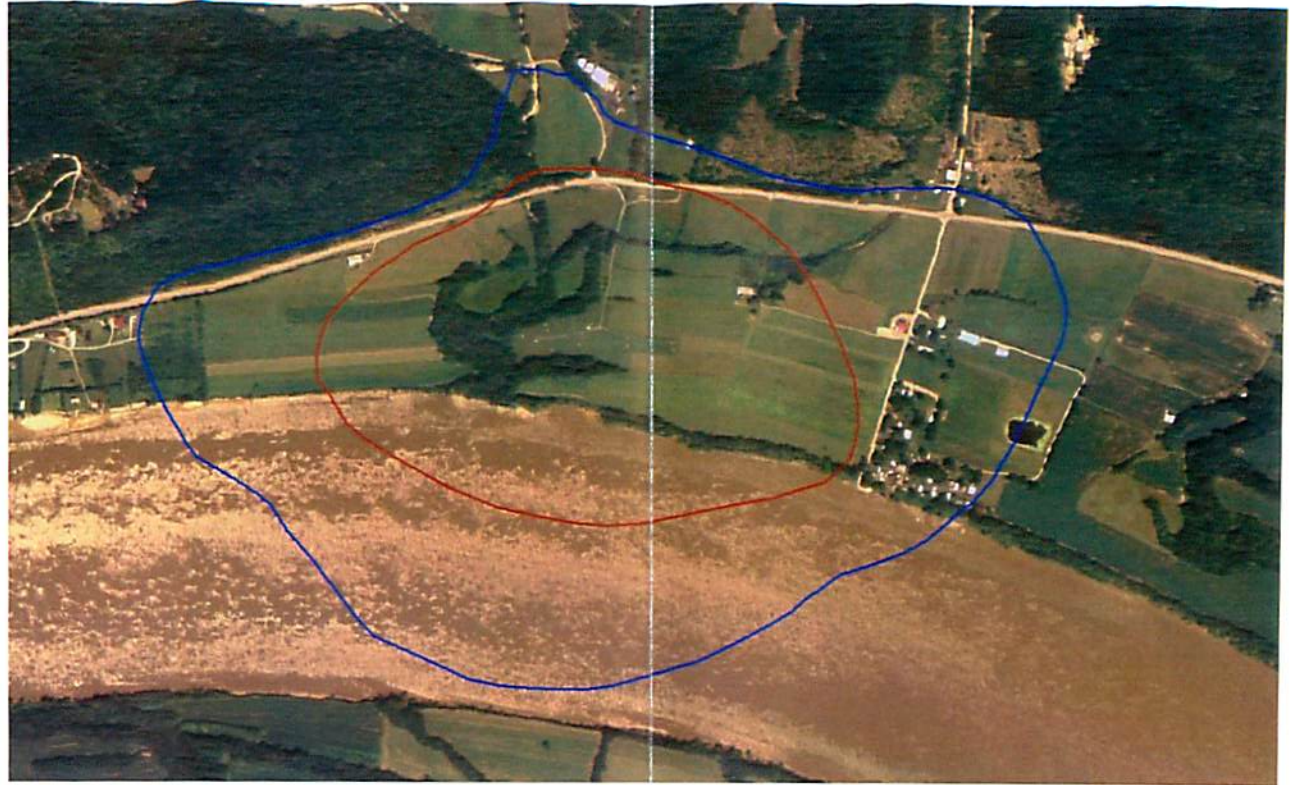
Where does Adams County Regional Water District's drinking water come from?



Adams County Regional Water District's drinking water is pumped out of the ground by wells located near the Ohio River, east of Manchester, OH. This ground water is pumped to the water treatment plant where chlorine is added to kill harmful bacteria in it. From there, it is pumped through an underground network of pipes to Adams County homes and businesses.

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 drinking water, the water-rich sediments or rocks are called an aquifer. Adams County Water District's drinking water supply comes from a portion of the Ohio River sand and gravel aquifer.

Ground water does not stay in one place. The ground water supplying the district's wells seeps very slowly from east to west (the same direction as flow in the Ohio River). This means that if pollutants are spilled on the ground anywhere near the wells, or east of the wells, the pollutants may eventually enter the ground water that you are drinking. Although the water treatment plant removes bacteria, it would be very expensive to purchase treatment systems for every type of possible pollutant. This is why Adams County residents should know about **Drinking Water Source Protection**.



One Year Delineation Period----Five Year Delineation Period

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 the Adams County Regional Water District with our drinking water source protection efforts, Ohio EPA provided the district with a Drinking Water Source Assessment report. This report included a map of the protection area (see above), based on calculations of how far water travels through the aquifer in five years. The report also includes information on land uses and facilities 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 Adams County Regional Water District has used the provided assessment to develop a drinking water source protection plan. If you would like to be more involved with the district's drinking water protection efforts or if you would like to see a copy of the district's drinking water source protection plan, please contact the Adams County Water District at (937)-544-2396. Most importantly, if you live or work within the Adams County Regional Water District's drinking water protection area, please pay attention to the "Did You Know..." portion of this brochure.