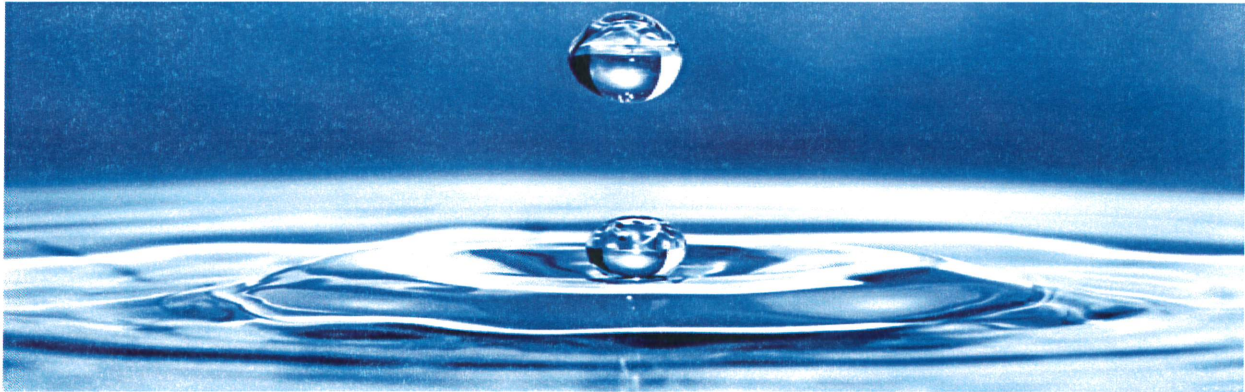


YOU CAN PROTECT BELLAIRE'S SOURCE OF DRINKING WATER

Where does Bellaire's drinking water come from?

The Village of Bellaire's municipal water supply serves approximately 4200 people and pumps approximately 900,000 gallons of water per day from an underground sand and gravel source of water (aquifer). The ground water captured by the collector well is pumped to the treatment plant at 37th Street on the bank of the river and is softened with chemicals, filtered and chlorinated to destroy bacteria. The Village has three water tanks with the capacities of 1.5 million gallons, 1.5 million gallons, and 200,000 gallons, enough to last for 3 ½ days if there were an emergency where the plant could not operate.

Ground water does not stay in one place. Because Bellaire and also Belmont County Sanitary District withdraw between 4 and 5 million gallons each day, the water flow direction is radial inward.. This means if pollutants are spilled, they may eventually make their way to your drinking water source.



What exactly is a Storm Water Management Plan?

Public Education and Outreach

An informed and knowledgeable community is crucial to the success of the plan. As the public becomes aware of the personal responsibilities expected of them, a greater compliance with the storm water program will result. This brochure is one tool to educate the public. We hope to hand out brochures in the schools to educate student about how to avoid illicit discharges. We also intend to publish articles in the newspaper and on social media.

Develop a Storm Sewer Map

With the assistance of RCAP, a map has been developed showing catch basins, storm sewers and outfalls to the river and creeks.

IDDE: Illicit Discharge Detection and Elimination Program

Actively search for illicit discharges. One way to do this is to check outfalls in dry weather and look for suspicious discharges.

Construction Site Storm Water Runoff Control

For construction sites over 1 acre, certain measures must be put into place to control runoff.

Post-Construction Storm Water management

For construction sites over 1 acre, inspection must be made to ensure storm water was managed properly.

Pollution Prevention/Good Housekeeping

Entails informing employees about proper disposal of chemicals, ways to keep road salt from polluting source water, etc.

Did you know...

- ◆ **Only 3% of the water on earth is drinkable**
- ◆ **Less than 1 gallon of gasoline 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 down a sink or toilet, pouring chemicals on the ground, or down a storm drain (many storm drains lead directly to the river).**

For questions about Bellaire's Storm Water Management Plan, contact:

Sue Bell, Superintendent Village of Bellaire Water Treatment Plant, Cell: 304-281-2777

Mike Wallace Village of Bellaire Village Administrator, 740-676-5880

To Learn More about Storm Water Management in Ohio:

Ohio Environmental Protection Agency
Lazarus Government Building
P. O. Box 1049
Columbus, Ohio 43215-1049

614-644-2752

www.epa.ohio.gov/dsw/storm/index.aspx