



The Flow

Springfield Water & Sewer Commission

Volume 4, Issue 3
March 2025



More Information

603 West Main Street
Springfield, KY 40069
(859)336-5454

service@springfieldwater.org
www.springfieldwater.org

WATER QUALITY AND CCR INFO

Each year Springfield Water and Sewer Commission (SWSC) issues the CCR (Consumer Confidence Report) to all customers. Although reports must be sent by July 1st, we aim to have them with customers by April. What is a CCR you ask? It's an annual drinking water quality report that provides customers with information about their local drinking water. Keep an eye on your bill's messages to see the link you can find to our most recent and years past CCR's. Don't have your bill? Just visit our website at www.springfieldwater.org. The most recent CCR is available on the home page with previous years housed under the General Info tab.

What info can be found in the CCR?

- The source of drinking water
- Regulated contaminants found in the local drinking water.
- The potential health effects of any contaminant detected in violation of an EPA health standard.
- Information on nitrates or arsenic in areas where these contaminants may be a concern.
- A statement for vulnerable populations about avoiding Cryptosporidium.
- A section having information about lead and service line inventory info was added this year.

How can our community help protect our water source?

Most people in the community know our main source of water is Willisburg Lake. It is important to be mindful and do our part in keeping this source of water as clean as possible. This not only helps the environment as a whole and the different ecosystems within the lake, but it also helps the water plant treat the water more efficiently. According to the EPA, states report that nonpoint source pollution is the leading cause of water quality problems. Nonpoint pollution is described as pollution from large, nonspecific sources such as land runoff, rain, drainage, fertilizer and pesticides from residential areas.

The water treatment plant is run by licensed operators who must collect samples, perform testing, and treat water. They abide by strict guidelines put in place by the Division of Water, EPA, and other federal, state and local laws to ensure the drinking water is safe.

There are several things' customers can do to help ensure the water company is able to produce the safest and most reliable water.



FUN FACT:

Springfield Water is a surface water system. This means we get our raw, untreated water from Willisburg Lake. In the state of Kentucky, over 3 million people get their water from a surface water source.

Willisburg Lake impounds approximately 750 million gallons of water at normal pool. The top 20' of vertical depth averages 27 million gallons of water per vertical foot.

The replenishing of the lake level by rainfall is critically important. The upper 10' of depth contains the best and most favorable raw water for treatment. Even though the water is still good, below 10' is less favorable, requiring more treatment to make it suitable to push out for public use.



EFFICIENT & HIGH QUALITY WATER SUPPLY

TAKING ACTION

PROPER TOXIC DISPOSAL: Dispose of harmful materials correctly. Dumping waste directly on the ground can contaminate the soil which in turn contaminates groundwater and nearby surface water. Many products have toxic substances that can contaminate our surface water. These products include but are not limited to household cleaners, pesticides, fertilizers, motor oil, leftover paint and paint cans, flea collars, and mothballs.

LIMIT FERTILIZERS: Avoid or cut back on the use of fertilizers, especially if near the source water area. Ensure you are using these products as intended and see if there are any you could eliminate all together. Think about planting native plants that require less fertilizer and water around your house.



AVOID LITTERING: Don't litter. Pick up trash you see laying around and dispose of things correctly.

SEPTIC TANKS: Make sure all septic tanks and lines are in good working condition. Leaking septic tanks and damaged sewer lines can run off into the source water and cause contamination.



PET WASTE: Pick up after your pets. Pets and other animals produce lots of waste which can make it to our source of water. This introduces waste like Salmonella and E. coli into our water system. This also applies to livestock. Consider moving livestock to an area where their waste cannot make contact or run off into the water source. Using pasture management techniques like fencing and planting legumes can be helpful too.

PROPER DISPOSAL OF MEDICINE: Dispose of old and unused medications properly. Don't throw away or flush medicines down your drain! Did you know the Springfield Police Department takes part in the pharmaceutical take-back program? Take unused medications there so they can be disposed of properly.



Everyone plays a role in ensuring our source water stays clean and protected. If our community can help to be proactive it will help the treatment plant with cost savings, it helps protect sensitive populations who may have elevated health concerns, and it just reduces the risk of everyone's exposure to contaminated water. It starts with you!

Serving the cities of Springfield, Mackville, Willisburg and surrounding communities since 1951.

