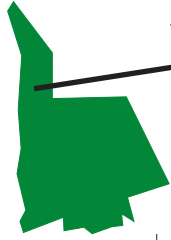


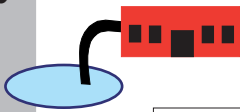
Where we get our water and how it is treated

Step 1



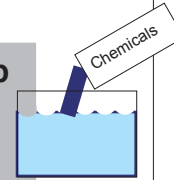
The source
Raw water is pumped from the Catawba River into a 23-acre lake at the Catawba River Water Treatment Facility at 5107 Riverside Road

Step 2



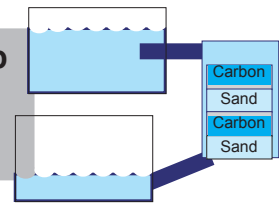
Settling
The raw water is pumped from the lake into the facility for treatment

Step 3



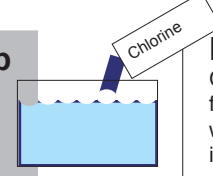
Coagulation & Sedimentation
Chemicals are mixed into the water which form a solid material around small particles in the raw water, causing them to settle to the bottom of large settling tanks. The particles are then removed

Step 4



Filtration
The water flows through filters of carbon and sand to remove any remaining particles.

Step 5



Disinfection
Chlorine is added to disinfect and to ensure that the water is safe to drink when it reaches you.

As water travels over land or underground, it can pick up substances or contaminants such as microbes, inorganic and organic chemicals, and radioactive substances.

All drinking water, including bottled drinking water, may be reasonably expected to contain at least small amounts of some contaminants. It's important to remember the presence of these contaminants doesn't necessarily pose a health risk.

Some people may be more vulnerable to contaminants in drinking water than the general population. Immuno-compromised persons such as

persons with cancer undergoing chemotherapy, persons who have undergone organ transplants, people with HIV/AIDS or other immune system disorders, some elderly and infants can be particularly at risk from infections. These people should seek advice about drinking water from their health care providers.

For more information about contaminants and potential health effects or for EPA/CDC guidelines on appropriate means to lessen the risk of infection by cryptosporidium and other microbiological contaminants are available from the Safe Drinking Water Hotline – 1-800-426-4791.

Improving our system to meet your needs

Current Projects

Phase II Unity – Buford water improvements
Cost: \$2,100,000

- Includes:**
- 30,000 linear feet of 12” water transmission main line along Shiloh-Unity Rd from Hwy 521 to Dudley Steele Rd
 - New Buford 750,000 gallon elevated storage facility to provide improved water service to Unity & Buford communities

Elginwood sewer system
Cost: \$2,100,000

- Includes:**
- Remaining 5,500 linear feet of 15” gravity sewer main

- Approximately 21,000 linear feet of 8” gravity sewer main along Bear Creek to Elginwood Community

Ongoing Catawba River Water Treatment Plant & Reservoir –

- Our commission and staff continue to be alert to and evaluate possible improvements and modifications to our water system
 - to ensure a continuous supply of water and reduce a drought's impact on our customers,
 - to enhance the treatment process and
 - to meet the ever-changing needs of our customers.

How we protect our water resources

Water Treatment

In 1991, LCWSD entered into a very unique Joint Venture Agreement with Union County, NC, to construct and operate a water treatment facility known as the Catawba River Water Supply Project (CRWSP).

- This agreement is unique in many ways including cooperation between two counties in two different states.
- In 2004, this facility expanded from 18 MGD to 36 MGD to meet the needs of existing and future customers.

- This facility has continually supplied a very high quality of water to customers and meets or exceeds all State and Federal Drinking Water Regulations.
- CRWSP has the distinguished honor of being the recipient of the Excellence in Treatment award the past several years. EPA/SC DHEC gives this award to water treatment facilities that demonstrate and earn excellent ratings for treatment process.

Wastewater Treatment

All wastewater south of Hwy 5 is collected by LCWSD and treated by the City of Lancaster's Wastewater Treatment Plant, through an agreement with the City of Lancaster, .

- In 2001, LCWSD constructed a new wastewater treatment facility to accommodate the wastewater treatment

- needs of the growing Indian Land community of Lancaster County.
- This facility includes enhanced and advanced treatment and has continually produced a very high quality discharge product into the Catawba River.
- The discharge meets or exceeds all State and Federal Regulations.

Commissioners

This report is provided as a service. Please share your comments with us, so we can improve our efforts to get you information you need.

Herman Steele
Chairman
Sammie Harper
Vice Chairman

Robert C. Faile
Secretary
Robert Barr
James C. Deaton

David L. Mobley
Gerald E. White
Douglas H. Williams
Michael G. Williams

The Commission meets at 7 p.m. the 2nd Tuesday of each month at Charlie's Cafe unless otherwise announced.