

Present Operating Information

LCWSD serves over 90% of Lancaster County with water services to over 18,000 retail water customers and serving approximately 8,200 retail customers with sewer service. LCWSD also provides wholesale water service to neighboring water providers such as the City of Lancaster, Town of Heath Springs, Town of Kershaw, portions of Chesterfield County, & portions of Carolina Water Service. Sewer treatment is provided to the southern portions of the County by a wholesale treatment agreement with the City of Lancaster and northern portions of the County by LCWSD's Indian Land Wastewater Treatment Facility. LCWSD's employment team consists of over 60 employees who are dedicated to providing dependable water and wastewater service to Lancaster County. All of LCWSD's water distribution and wastewater collection systems' infrastructure are on Geographic Information System (GIS) computer mapping system. All distribution system maintenance programs and records are on computer including Hydrant and Valve Maintenance Programs, Cross Connection Program, and Flushing Program.

Water Treatment

In 1991, the 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) known as the Catawba River Water Treatment Facility (CRWTF). This agreement is unique in many ways including cooperation between two counties in two different states. In 2004, this facility was expanded from 18 MGD to 36 MGD to meet the needs of existing and future customers. This facility has continually supplied very high quality water to LCWSD customers. CRWTF has the distinguished honor of being the recipient of the Excellence in Treatment award the past several consecutive years. This award is given by EPA/SC DHEC and is awarded to water treatment facilities which have demonstrated and earned an excellent rating for its treatment process.

Wastewater Treatment

By way of an agreement with the City of Lancaster, all wastewater south of Highway #5 is collected by LCWSD and treated by the City of Lancaster's Wastewater Treatment Plant.

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 secondary treatment and has continually produced a very high quality discharge product into the Catawba River which meets or exceeds all State and Federal Regulations.

Capital Improvement Plan

LCWSD has established a twenty (20) year Capital Improvement Plan (CIP) based on allowable densities and projected water and wastewater demands of Lancaster County. This CIP will allow LCWSD to continue to grow and expand its water and wastewater infrastructure to meet the residential and commercial growth over the next twenty (20) years. This CIP is a plan for the future and is updated at least every two years or as needed.

New Water Construction

In 2008 Capital Improvements will include:

Completing construction on a 1 million gallon elevated storage facility and a new water booster pump station to serve the Indian Land community.

Installing a 16" water main line from Highway 521 to the Unity Tank along Shiloh Unity Road, installing a new Buford booster pump station, and a 750,000 gallon elevated storage facility. This additional infrastructure will increase LCWSD's ability to meet the growing water demands in the eastern part of Lancaster County well into the future.

Continuing to implement developer installed water infrastructure according to LCWSD's Capital Improvement Plan.

New Wastewater Construction

In 2008 Wastewater Capital Improvements will include:

Continuing to install wastewater outfall lines along Bear Creek to serve the existing Elginwood Subdivision and surrounding area. This important project will alleviate failing septic systems in this area. The estimated construction completion for this project is approximately 3 more years or 2010.

Completion of the upgrade of the head-works at its Indian Land Wastewater Treatment Facility to accommodate the growing Indian Land community's residential, industrial, and commercial growth.

Continuing to implement developer installed wastewater infrastructure according to LCWSD's Capital Improvement Plan.

Goal

Our goal is to improve the quality of life in our county by providing the highest quality water and wastewater service possible.

Mission

To improve the quality of life in our region by providing a quality and quantity of water and wastewater service to meet the residential, commercial, and industrial needs of our area while keeping cost to the user as low as possible and to be recognized as a leader in the water and wastewater industry in our area.