



Wastewater Treatment Sewer Separation Project

The Need: \$3.75M

The City of Litchfield is seeking **\$3,750,000** in state funding for the design and construction of a sewer separation project. The project will isolate the industrial process water from sanitary waste to expand the beneficial use of the waste stream, including heat and power generation.

Description:

The City of Litchfield plans to improve the collection system for First District Association to capture and treat high-strength wastewater separately from sanitary wastewater. The remaining high-strength water will undergo anaerobic digestion to produce biogas, which will be used to generate green energy for the community. Segregation is essential to size the system economically and avoid contamination with human waste.

This sewer separation project is part of a larger wastewater treatment facility initiative. It includes the First District Association constructing a pretreatment facility for their expansion and the city upgrading its facility to meet new phosphorus limits and other maintenance requirements.

Rationale:

The Litchfield Wastewater Treatment Facility, built in 1927, has been expanded several times. With local industries growing, the facility is currently facing challenges in meeting discharge limits to Jewett's Creek due to the increased load. Improvements are required for the wastewater treatment facility. Redirecting the industrial flow and loading for beneficial reuse and

treatment reduces the treatment needs at the wastewater treatment facility while also expanding the green energy infrastructure in the state.

Economic Impact: \$2 Billion

This project is a necessity to allow for the continued growth of the First District Association (FDA). FDA is a regional and state significant industry that processes milk from 45 counties throughout Minnesota. FDA has over a **\$2 billion regional impact** and is looking to continue to grow and expand their job opportunities.



Contact:

Dave Cziok, City Administrator

320-693-7291

Dave.Cziok@ci.litchfield.mn.us