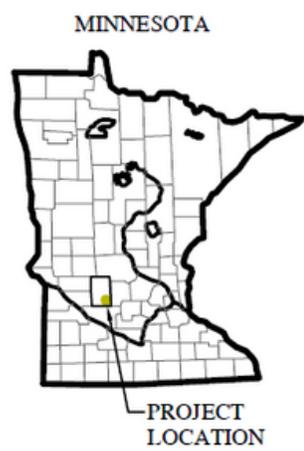




City of Lake Lillian

Drinking Water Distributions, Wastewater, Storm Water, and Street Restoration



Project Information

The City of Lake Lillian’s aging and failing infrastructure has led to critical water issues, including health and safety risk such as the recent 2021 study showing the city’s **arsenic levels were more than 2.5 times** the allowed compliance level. As a result, an approved phased utility project approach has been implemented with Phases 1 through 3, totaling more than **\$12.3 million in city infrastructure investment**. The remaining final phase to address Minnesota Department of Health non-compliance and meet industry standards, totals **\$15.6 million**. Lake Lillian is requesting **\$7.5 million** to combine with Federal and City funds to finish the project.

Project Scope

- **WATER PIPE DETERIORATION & CORROSION** has led to **over 28 watermain breaks** in the past 5 years. Approximately 25% of the watermain gate valves are non-functional. Replacement using PVC piping is needed and will reduce the presence of **arsenic and alleviate arsenic legacy accumulation**. PPL Score #10 pts Rank 368
- **SANITARY SEWER** system is failing and allowing rain and groundwater seepage through the deteriorating pipes. Excessive inflow and infiltration has pressured the system beyond capacity and resulted in emergency bypass of untreated wastewater. PPL Score #68 pts Rank 40
- **WATER TOWER** contains elevated levels of lead and chromium on exterior and interior walls. Structural work is needed to comply with OSHA regulations and AWWA standards. PPL Score #10 pts Rank 399
- **STORM SEWER** has issues that have caused localized flooding.
- **STREET RESTORATION** includes existing streets that are in poor condition and require replacement along with the underground piping.

Project Affordability at a Glance

- Lake Lillian is property tax poor and in 2021 was ranked in the bottom decile for adjusted net tax capacity.
- The population of Lake Lillian is 248.
- The median household income in Lake Lillian is just \$41,094 a year.
- More than 55% of the households in Lake Lillian have only low to moderate incomes; 7.7% of the population falls below the actual poverty line.
- Average water and wastewater costs for cities with populations < 2,500 people is \$94/month. Lake Lillian’s will average \$138/month and could exceed to \$2000/year without bonding support.



Lake Lillian knows this final project will improve the quality of life, health, safety, and well-being for the residents and visitors to their community. The City of Lake Lillian is respectfully requesting \$7,500,000 in Minnesota Legislative Bonding to leverage Federal and City funding proposed to complete this project.