



City of Flensburg

Drinking Water & Sanitary Sewer Infrastructure Improvement Project



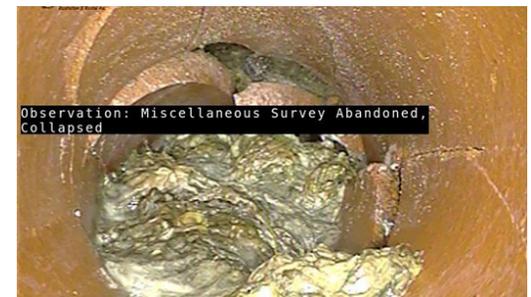
Project Information

DRINKING WATER: The City of Flensburg does not currently have municipal drinking water infrastructure. Instead, homeowners rely on individual sand-point wells which are generally shallow and more **susceptible to contamination**. The MPCA has several monitoring wells located in town to monitor an **active petroleum leak site**. Corrective measures are being implemented to remove contaminated soil, but thus far, complete removal has been impossible as MPCA continues to expand the leak site area due to the nature and migration of the contamination plume.

SEWER SYSTEM: The City of Flensburg currently operates a sanitary sewer system originally **installed in 1950**. The sanitary sewer system is composed of vitrified clay pipe, modular block manholes, and break-in style sewer service connections. Televising reports show the pipe to be in very poor condition with sags, cracks, root intrusions, and **several locations where the pipe is entirely collapsed** (see photo). Over the last several years, **five homeowners have experienced sewer backups** in the basement of their homes.



Aerial view of the petroleum contamination plume.



Sewer televiewing reports show sags, cracks, root intrusions, and several locations where the pipe is entirely collapsed.

SOCIAL EQUITY & PUBLIC HEALTH: The proposed infrastructure improvements are necessary to provide Flensburg residents with access to safe and clean drinking water, and a functional sanitary sewer system that keeps sewage out of their homes. According to the EPA, drinking water contaminated with gasoline can cause illness and potential harm to a child's developing brain and immune system.

Project Scope

- The City of Flensburg is planning a **regionalization option** with the City of Little Falls to receive clean drinking water from the Little Falls municipal water system. The **planning phase for regionalization** has been completed and paid for by the City of Flensburg.
- The project will include an entirely new drinking water distribution system, a new water tower, and a rehabilitated sanitary sewer system.
- **Preliminary design is the next step**, as well as coordination of necessary land rights and/or easements for the proposed infrastructure improvements.
- **This project could be phased** with the regionalization with the City of Little Falls project installed first, followed by construction of the sanitary sewer and drinking water systems in a later phase.
- Flensburg will have a reserve/replacement account established for this infrastructure system



The **City of Flensburg respectfully requests \$6,200,000** in Minnesota Legislative Bonding to leverage Federal and City funding proposed to complete this project.