

To: **Mayor and City Council**  
Through: **Ryan Schroeder, City Manager**  
From: **Ross Beckwith, Public Works & Parks Director/City Engineer**  
Date: **January 25, 2021**

## **Inflow and Infiltration**

---

### **BACKGROUND INFORMATION:**

The City's inflow and infiltration (I/I) program has been on-going since 2008. While the city ordinance and overall process has gone through a few iterations since inception of the program, the overall goal of reducing/eliminating clean water from entering the sanitary sewer system has remained the same.

There are three sanitary sewer meters at the north end of the city that monitor the sanitary flow as it leaves the city and heads for treatment by the Metropolitan Council (Met Council). Since 2008, the City has been spending millions of dollars combating public sewer mains, manholes and castings to keep out clean water. Concurrently, the City has been working with property owners on the I/I Program to keep clean water out of their private sewer laterals.

On May 28, 2019, staff from the Met Council gave a presentation on how West St. Paul is making headway against I/I based on years of flow meter data. As a result, on June 24, 2019, City Council approved changes to the Memorandum of Understanding (MOU) with the Met Council based on our program's progress. The changes included:

1. Any sewer service lined/replaced from the sewer stack to the main (end to end) would be compliant for 25 years.
2. Any sewer service repaired less than end to end, for instance repairing just the location where the pipe is deficient, would be compliant for 10 years.
3. Any sewer repairs performed prior to the Met Council Memorandum of Understanding (MOU), which went into effect January 1, 2017 would be grandfathered as compliant until 2026 regardless of change in ownership.

Council also approved the first reading of general cleanup to the City's I/I ordinance at that same meeting, with approval at the second meeting on July 22, 2019. The latest City Ordinance (19-13) is attached for reference and shows the changes made.

The Met Council has recently completed another study and is here to present their latest findings.

### **STAFF RECOMMENDATION:**

Discuss the I/I program after the Met Council's presentation.

### **ATTACHMENT:**

I/I Ordinance 19-3