



Inflow and Infiltration (I/I) Implementation

House Environment and Natural Resources Finance and
Policy Committee

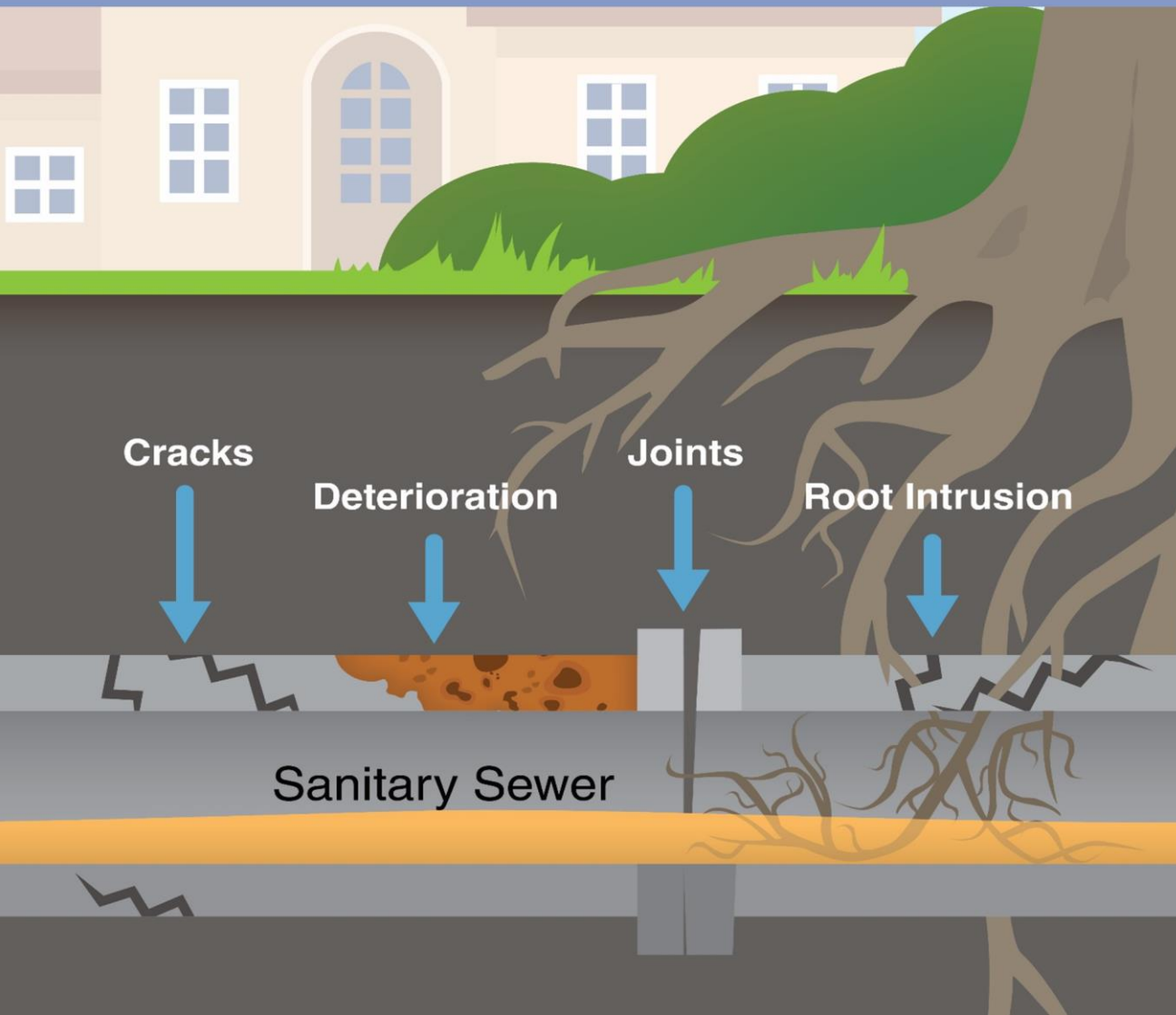


October 23, 2023

What is inflow and infiltration (I/I)?

Keep clear water out of the wastewater

Clear water – stormwater and groundwater – through I/I sources enters the wastewater systems. Excessive I/I increases the need to build larger and more expensive sewer pipes and treatment facilities.



Protecting health, homes, and environment

Clear water in the wastewater system costs in many ways:

- Unnecessarily treats clear water along with wastewater
- Causes sewer backups into homes
- Causes sewer overflows into rivers and lakes
- Increases sewers and utility fees
- Increases the need for larger and more expensive sewer pipes and treatment facilities
- Wastewater can also seep out of pipes into the ground, causing additional environmental concerns

2023 Appropriation for I/I



Funding for I/I for the city of Newport:

- “\$2,750,000 the first year is for capital improvements to the municipal wastewater collection system within the city of Newport to reduce the amount of inflow and infiltration to the sanitary sewer disposal system. This is a onetime appropriation and is available until June 30, 2026”

2023 Regular Session Law, Chapter 60, Article 1, Section 5(d)

Implementation updates

Preparation with Newport

- **City identified work needs**
 - Three priority projects with I/I reduction elements
 - 2nd Avenue large trunk sewer
 - Older part of City that's susceptible to river flooding
 - Projects focus on trunk sewer rehabilitation & private service lateral repair
- **Scheduled kickoff meeting with city staff in October**
 - Meeting to cover:
 - Eligible and proposed work
 - Grant agreement process overview
 - Preliminary work plan timing
 - Initial Meeting canceled due to last minute conflicts

Additional capital investment funds for I/I in the metro region



Inflow and Infiltration Grants - \$12 million

“For grants to cities within the metropolitan area, as defined in Minnesota Statutes, section 473.121, subdivision 2, for capital improvements in municipal wastewater collection systems to reduce the amount of inflow and infiltration to the Metropolitan Council's metropolitan sanitary sewer disposal system. The council must award grants based on applications from cities that identify eligible capital costs and include a timeline for inflow and infiltration mitigation construction, pursuant to guidelines established by the council.”

- 2023 Regular Session Law, Chapter 72, Article 1, Section 17, Subd. 2



Ned Smith

Director, Pretreatment and Finance
Environmental Services

Ned.Smith@metc.state.mn.us

