

# Business Item: 2016-221 2016 Inflow & Infiltration Task Force Report

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Environment Committee: October 25, 2016



# Background

- Previous task forces met in 2003-2004 and 2009-2010
- Task Force appointed by Council on January 27, 2016
- Task Force Assignment:
  - Review existing program, progress made, and recommend changes to the Inflow & Infiltration program.
  - Identify technical, political, financial, challenges of addressing private property Inflow & Infiltration sources and recommend program modifications.

# Review

- Task Force representatives from 19 regional communities and Metro Cities
- Five meetings between February – October 2016
- Final report with recommendations – October 2016

# INFLOW & INFILTRATION SOURCES

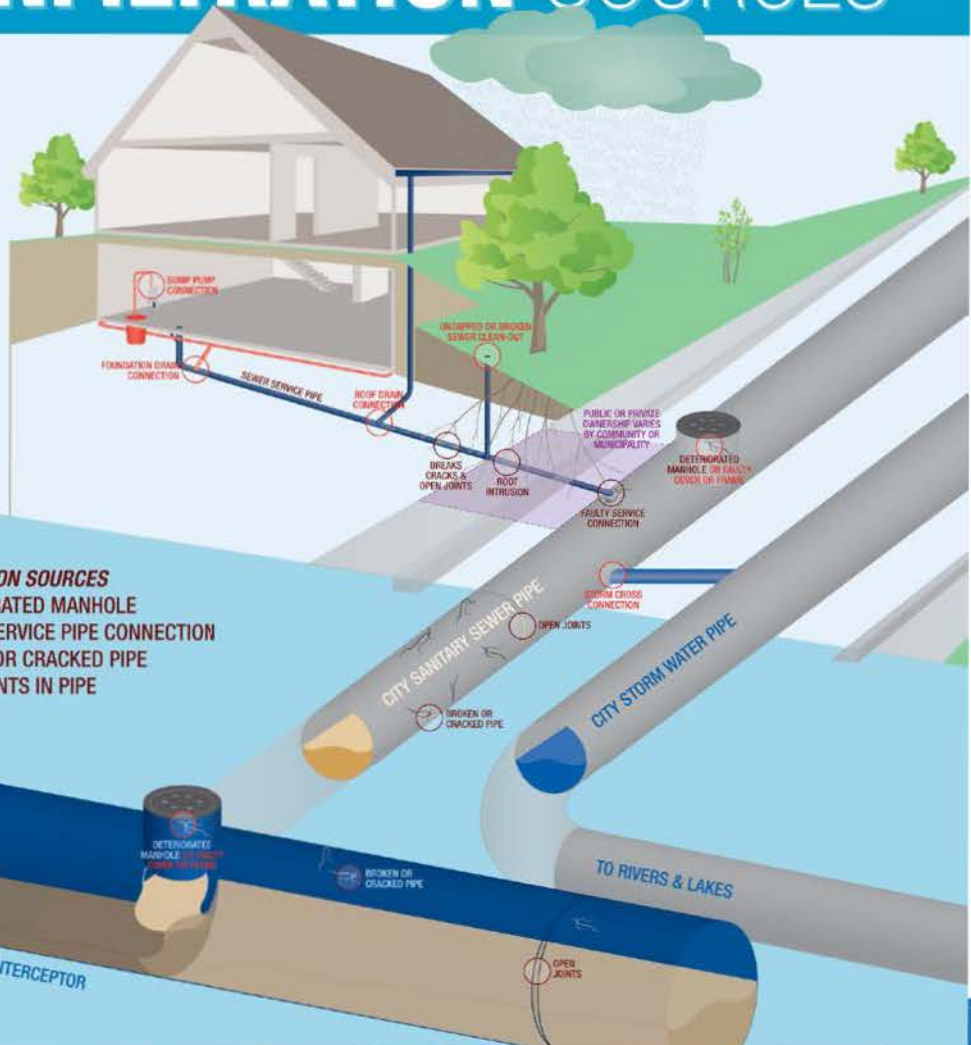
## PRIVATE

### INFLOW SOURCES

- SUMP PUMP CONNECTION
- CONNECTED FOUNDATION DRAIN
- ROOF DRAIN CONNECTION
- UNCAPPED OR BROKEN SEWER CLEAN-OUT
- BREAKS, CRACKS & OPEN JOINTS IN SERVICE PIPE

### INFILTRATION SOURCES

- ROOT INTRUSION INTO SERVICE PIPE
- BREAKS, CRACKS & OPEN JOINTS IN SERVICE PIPE



## PUBLIC

### INFLOW SOURCES

- FAULTY MANHOLE COVER OR FRAME
- STORM WATER CROSS CONNECTION

### INFILTRATION SOURCES

- DETERIORATED MANHOLE
- FAULTY SERVICE PIPE CONNECTION
- BROKEN OR CRACKED PIPE
- OPEN JOINTS IN PIPE



METROPOLITAN COUNCIL SANITARY SEWER INTERCEPTOR

# Recommendations

- Continue Balanced Approach
- Technical Assistance
- Public Outreach
- Financial Assistance

# Recommendations

- Technical Assistance and Tools
  - model ordinances
  - best practices for inspections
  - private property inflow & infiltration mitigation demonstration project

# Recommendations

- Public Outreach
  - robust education program including an information toolkit
  - information on inflow & infiltration and other wastewater topics
  - public, elected officials, real estate community, public works



# Recommendations

- Financial Assistance
  - advocate for State Bond Fund allocation
  - advocate for funds from Clean Water Legacy or other state sources
  - consider the provision of financial assistance through regional sources, such as a portion of the wastewater fee, to provide assistance to communities for private property inflow & infiltration mitigation.



# Proposed Action

- That the Metropolitan Council accepts the 2016 Inflow & Infiltration Task Force Report (Attachment A of the business item) and authorize MCES to implement the recommendations of the report for the ongoing Inflow & Infiltration Program.

# Questions