City of Columbia

701 East Broadway, Columbia, Missouri 65201

Department Source: City Utilities - Sewer/Stormwater
To: City Council
From: City Manager & Staff
Council Meeting Date: June 17, 2019
Re: Amending Chapter 22 of the City Code to modify the private source inflow and infiltration reduction program

Executive Summary

Staff has prepared for Council consideration an ordinance amending Chapter 22 of the City Code as it relates to the Cost Reimbursement Program for Private Source Inflow and Infiltration Reduction. This amendment would expand the program to allow for reimbursement for the removal of area drains with contributing areas larger than 75 square feet and for minor site grading or concrete work to direct storm water runoff away from sanitary sewer inflow sources.

Discussion

On May 20, 2019, staff presented to council a report on proposals to expand the Cost Reimbursement Program for Private Source Inflow and Infiltration Reduction and the Cost Reimbursement Program for the Installation of Pressure Sewers/Backflow Devices or Removal of Plumbing Fixtures. In the report, staff recommended the Private Source Inflow and Infiltration Reduction Program (hereinafter referred to as the "Program") be expanded to include two potentially significant sources of inflow. These items are as follows:

- Disconnection of driveway/stairwell/patio area drains that have a contributing area larger than 75 square feet, 100% reimbursement of cost up to $1,500.
- Minor site grading or concrete work to direct storm water runoff away from sanitary sewer inflow source, 100% reimbursement of cost up to $1,000.

As with the other items identified for reimbursement under the Program, the director will consider each of the items on a case-by-case basis to determine the likelihood of inflow and infiltration from these sources and its impact to the sewer system. This will help ensure that the funding allotted to these programs is utilized in an efficient manner and are focused on work that eliminates a direct connection/source of inflow or reduces amount of inflow to the sanitary sewer system.

Fiscal Impact

Short-Term Impact: The fiscal year 2019 budget includes $100,000 for reimbursement to property owners for Inflow and Infiltration reduction.
Long-Term Impact: $100,000 will be included in the operating budget in future years for this reimbursement program. Increased participation in the program may warrant increasing the funding in the future with an ultimate decrease as sources of inflow and Infiltration are removed.

Strategic & Comprehensive Plan Impact

Strategic Plan Impacts:
Primary Impact: Infrastructure, Secondary Impact: Social Equity, Tertiary Impact: Tertiary
Comprehensive Plan Impacts:
Primary Impact: Infrastructure, Secondary Impact: Livable & Sustainable Communities,
Tertiary Impact: Tertiary

Legislative History	
Date	Action
05/20/2019	REP48-19: Evaluation of proposals to expand Sewer Utility cost reimbursement programs.
11/05/2018	REP93-18: Status of the Cost Reimbursement Program for the Installation of Pressure Sewers and Backflow Prevention Devices or the Removal of Plumbing Fixtures
12/04/2017	B351-17: Amending Chapter 22 of the City Code to update requirements relating to the inflow and infiltration reduction program.
07/17/2017	B190-17: Cost Reimbursement programs for installation of pressure sewers and backflow prevention devices or the removal of plumbing fixtures.
05/15/2017	REP38-17: Update on sewer system inflow and infiltration reduction efforts and impact on the reduction of overflows and sewer backups into buildings
08/1/2011	B192-11: Inflow & Infiltration Reduction Program Amendment
03/7/2011	B54-11: Inflow & Infiltration Reduction Program
07/23/2010	REP70-10: Inflow and Infiltration Reduction

Suggested Council Action

Approve the ordinance amending Chapter 22 of the City Code as it relates to the Cost
Reimbursement Program for Private Source Inflow and Infiltration Reduction.