

2021 MSD RATE PROPOSAL



WHAT IS A WASTEWATER CAPITAL RATE?

The Metropolitan St. Louis Sewer District (MSD) is both a wastewater and stormwater utility. As such, funds must be accounted for separately. MSD submitted a rate proposal to its Rate Commission for wastewater rates for fiscal years 2021–2024 (July 1, 2020 to June 30, 2024). These proposed changes would apply to all MSD customers.

QUESTIONS?

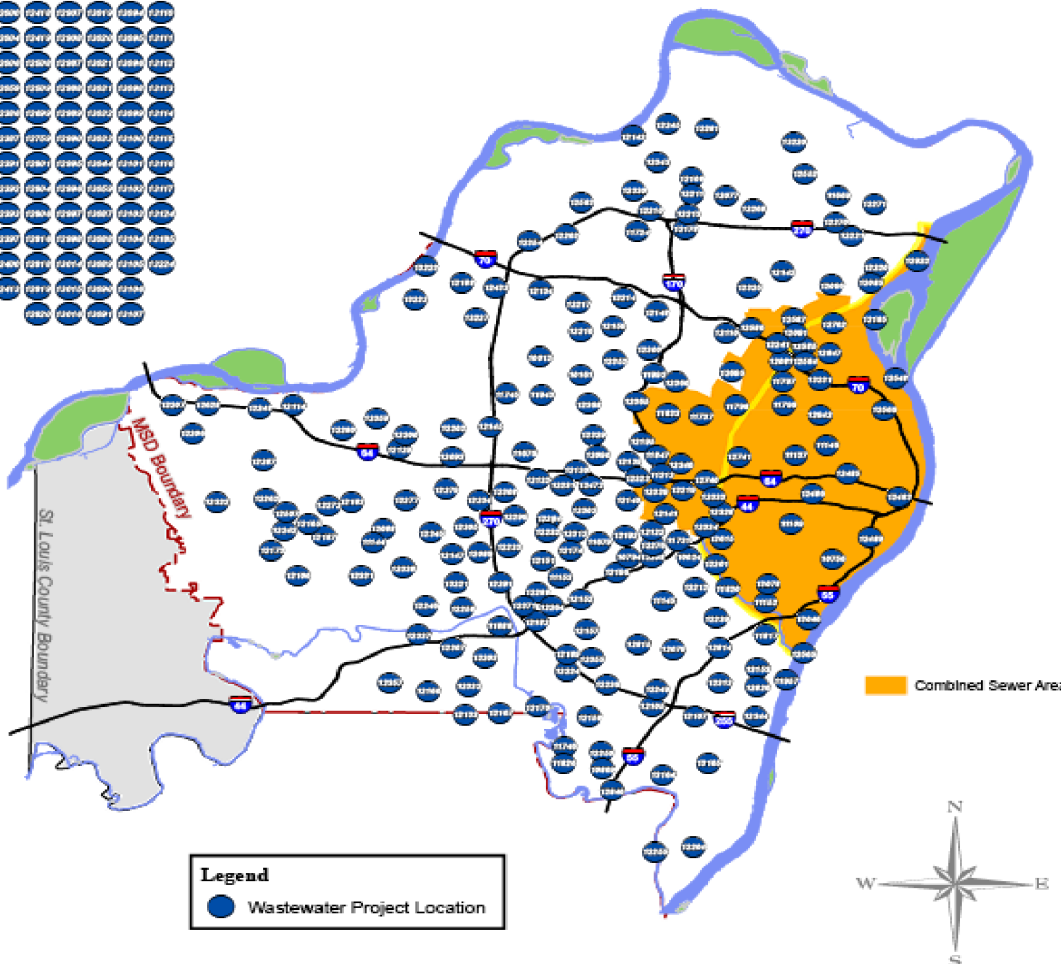
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IDENTIFIED WASTEWATER PROJECTS

District Wide Projects



WASTEWATER SERVICE

MSD's wastewater management involves the collection and treatment of "used" water from sinks, toilets, and floor drains at one of seven treatment plants. Here, the "used" water is treated to high standards before returning to our region's waterways.



WASTEWATER PROPOSAL

MSD proposes authorization of \$500 million in additional bonds to fund a four-year capital program. The bonds will make needed rate increases more manageable.



PROPOSAL OBJECTIVE

The wastewater rate proposal seeks to fund a four-year, \$1.58 billion capital improvement program to meet regulatory and system improvement needs. Within this program, MSD would:

- Eliminate sanitary (wastewater) sewer overflows from sewer pipes
- Reduce combined sewer overflows (where wastewater and stormwater share a pipe)
- Prevent building backups
- Repair and rehabilitate and aging system
- Replace incinerators at Bissell and Lemay treatment plants
- Build tunnel from Fenton treatment plant to lower Meramec plant to eliminate the Fenton plant

WITH BOND FINANCING

PROJECTS ARE FUNDED WITH CASH AND DEBT

	\$\$\$	% Change
FY21	56.40	CURRENT
FY22	58.33	3.4%
FY23	60.36	3.5%
FY24	62.59	3.7%

WITHOUT BOND FINANCING

PROJECTS ARE FUNDED WITH CASH

	\$\$\$	% Change
FY21	56.40	CURRENT
FY22	65.07	15.4%
FY23	76.20	17.1%
FY24	86.12	13%

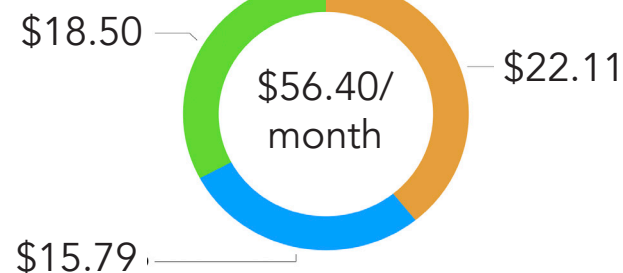
All numbers above are based on average usage of 600 cubic feet per month (Ccfs). This is the equivalent of 4,488 gallons.

COST

Based on the typical monthly water usage of a single-family residence, a ratepayer's monthly wastewater sewer bill would resemble the rates shown at left with and without bond approval.

The graphic at right shows how much of the average \$56.40 monthly bill in FY2021 goes to:

- 1) operating and maintaining the system,
- 2) capital improvements, and
- 3) debt service



60

MILES OF NEW WASTEWATER SEWERS



64,000

MANHOLE INSPECTIONS



2,800

MILES OF ACOUSTIC INSPECTIONS



180

MILES OF SEWER REHABILITATION



300

DESIGN, PLANNING & CONSTRUCTION PROJECTS



190

WASTEWATER CONSTRUCTION PROJECTS



50

SANITARY SEWER OVERFLOWS REMOVED



1,120

MILES OF SEWER INSPECTED WITH CCTV