



KANSAS CITY MISSOURI

Wastewater System Series 2024A Revenue Bonds

Ordinance No. 230925

November 8, 2023

Prepared for

Transportation, Infrastructure and Operations Committee



Purpose of Ordinance No. 230925

- Establish funds and accounts for Wastewater revenue bond-funded projects
- Estimate and appropriate \$107.198 million in bond proceeds to begin project work
 - In advance of bond sale
 - Further ordinance authorizing bond issuance will follow later this fiscal year
- Request an accelerated effective date

Background

- In April 2022, voters approved \$750 million of Wastewater Revenue Bond authority
- Prior Issuances
 - \$95.9 million – Series 2023A
- \$654.1 million remaining authority
- Series 2024A Bonds
 - Finance \$107.2 million of wastewater capital projects
 - Estimated debt service
 - Approximately \$7.81 million per year for 25 years
- Repayment Source
 - Net revenues of the sanitary sewer system

Wastewater Capital Projects

<u>Project Name / Description</u>	<u>OCP / Non-OCP</u>	<u>Project Type</u>	<u>Contract Type</u>	<u>FY2024 Approved</u>
City Wide Sewer Rehabilitation (Through 2035) (SEE "Sewer Rehab Tab for Projects)	NON-OCP	Collection	Const	\$ 20,000,000
Burlington Creek PS/Riverside Tube Station Abandonment	NON-OCP	Collection	Const	\$ 12,800,000
Green Infrastructure - Project 1 (see Green Infrastructure tab for Projects)	OCP	OCP	Const	\$ 12,400,000
Wastewater SCADA Improvements (multiple phases)	NON-OCP	WWTP	Const	\$ 12,000,000
I/I Reduction: Birmingham/Shoal Creek Projects 2	OCP	OCP	Const	\$ 8,950,000
Relief Sewer: Hardesty Ave and 31st St	OCP	OCP	Const	\$ 7,500,000
Pump Station Generators	NON-OCP	WWTP	D/B	\$ 6,750,000
Line Creek Screening	NON-OCP	Pump Station	D/B	\$ 6,420,000
Birmingham Primary & Final Clarifier Mechanisms Rehabilitation	NON-OCP	WWTP	D/B	\$ 5,400,000
Wastewater Facilities HVAC Rehabilitation	NON-OCP	WWTP	D/B	\$ 5,000,000
Westside WWTP Sludge Screening	NON-OCP	WWTP	D/B	\$ 4,500,000
Hand Rail and Other Safety Improvements at WW Facilities	NON-OCP	WWTP	D/B	\$ 3,000,000
Sanitary Sewer Special Assessment Program	NON-OCP	Collection	Const	\$ 1,000,000
55th St and Bennington Sanitary Sewer Extension (Special Assessment)	NON-OCP	Collection	Const	\$ 1,000,000
Facility Roof Replacement Program	NON-OCP	WWTP	D/B	\$ 318,000
Horizons PS Upgrade (4th Pump Addition)	NON-OCP	WWTP	Const	\$ 160,000
Total for 2024 Bond Sale				\$ 107,198,000

QUESTIONS?

APPENDIX

Wastewater Capital Projects Description

- City Wide Sewer Rehabilitation
 - Replacement of failing and high-risk wastewater mains in specific areas throughout the city.
- Burlington Creek Pump Station
 - Improvements to the Burlington Creek Pump Station
- Green Infrastructure
 - Paseo Gateway, 75th & Wornall, Mill Creek, Streetcar Extension
- Wastewater SCADA (Supervisory Control and Data Acquisition) – Adding SCADA connections to ~35 pump stations, including radio / fiber communications and control systems.

Wastewater Capital Projects Description

- I/I Reduction: Birmingham / Shoal Creek
 - Rehabilitate existing sanitary sewers and manholes in the Birmingham/Shoal Creek basin to help reduce inflow and infiltration
- Line Creek Screening
 - Installation of coarse screens to treat the plant flow and construct a building around the screens
- Relief Sewer: Hardesty and 31st
 - Sewer Improvements at Hardesty and 31st
- Pump Station Generators
 - Backup Generators to various Wastewater Pump stations to meet State Regulations for redundancy

Wastewater Capital Projects Description

- Birmingham Primary & Final Clarifier Mechanisms Rehab
 - Repair and replace clarifier mechanics at the Birmingham WWTP
- Wastewater Facilities HVAC Rehab
 - Rehabilitation of HVAC systems at key wastewater facilities
- Westside WWTP Sludge Screening
 - Installation of sludge screens, odor control, and new pumps at the Westside WWTP
- Handrail and Other Safety Improvements at WW Facilities
 - Work Environment Safety Improvements

Wastewater Capital Projects Description

- Sanitary Sewer Special Assessment
 - 39th and Blue Ridge Cut-Off Sanitary Sewer Extension project providing new sanitary sewer for approximately 169 properties
- 55th and Bennington Sanitary Sewer Extension
 - Sewer Extension at 55th and Bennington. Provides new sanitary sewer for approximately 94 properties.
- Facility Roof Replacement
 - Replacing roofs that were rated in poor condition
- Horizons Pump Station Program
 - Adding pump to the Horizons pump station to allow the decommissioning of two pump stations