

Water & Sanitary Sewer System Series 2023A Revenue Bonds

Finance, Governance and Public Safety Committee
Ordinance Nos. 220953 and 220954

November 2, 2022

Purpose of the Ordinances

- Establish funds and accounts for Water and Sewer bond funded projects
- Estimate and advance appropriate revenue from bond proceeds to begin project work
 - \$57.6 million - Water Revenue
 - \$103.8 million - Sanitary Sewer
- Request an accelerated effective date
- Ordinances authorizing bond issuance will follow later this fiscal year

Background

Ordinance No. 220953

- In April 2014, voters approved \$500 million of Water Revenue Bond Authority
- Prior Issuances
 - \$59.8 million - Series 2015A
 - \$78.1 million - Series 2017A
 - \$64.7 million - Series 2020A
- \$297 million remaining authority
- Series 2023A Bonds
 - Finance \$57.6 million of waterworks capital projects
 - Estimated debt service
 - Approximately \$4 million per year over 25 years
- Repayment Source
 - Net revenues of the waterworks system

Water Capital Projects

Water Bond 2023A Projects

Project Name	Project Type	Contract Type	Amount
Prospect Road Elevated Tank	Storage	CONST	\$ 15,000,000
Unencumbered Water Main Replacement Projects	Distribution	CONST	\$ 7,800,000
WMR N Briarcliff Road to N Kensington Ave	Distribution	CONST	\$ 7,600,000
WMR NW 128th St to NE 46th St	Distribution	CONST	\$ 7,000,000
WMR Southwest Blvd (portion not expedited)	Distribution	CONST	\$ 3,780,000
WMR State Line Rd to Wornall Rd	Distribution	CONST	\$ 2,800,000
WMR Fairchild Dr to Kensington (not extension)	Distribution	CONST	\$ 2,750,000
WMR Main St to US 71 Hwy, 39th St to 51st St	Distribution	CONST	\$ 2,600,000
131st St. Holmes to Prospect Ave. Transmission Main 16" to new tank	Transmission	CONST	\$ 2,420,000
WMR Gladstone Blvd to 18th St	Distribution	CONST	\$ 1,840,000
Water Main for in area of Botts Rd and Hwy 150 - 80002218	Distribution	CONST	\$ 1,400,000
WMR Chelsea-Blue Ridge	Distribution	CONST	\$ 1,000,000
WMR OCP Project (40th and Monroe)	Distribution	CONST	\$ 700,000
WMR OCP Project (Outfall 054)	Distribution	CONST	\$ 500,000
ADA Compliance (Water)	Facilities	CONST	\$ 440,000
Total Water 2023A Bonded Projects			\$ 57,630,000

**Project descriptions can be found in the Appendix.*

Background

Ordinance No. 220954

- In April 2022, voters approved \$750 million of Sanitary Sewer Bond Authority
- Series 2023A Bonds
 - First issuance from the April 2022 voted authorization
 - Finance \$103.8 million of sanitary sewer capital projects
 - Estimated debt service
 - Approximately \$7.25 million per year over 25 years
- Repayment Source
 - Net revenues of the sanitary sewer system

Sanitary Sewer Capital Projects

Sanitary Sewer Bond 2023A Projects

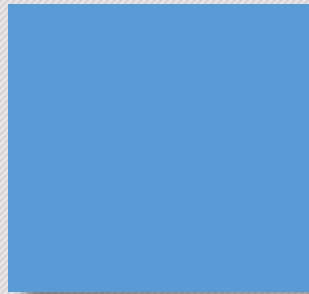
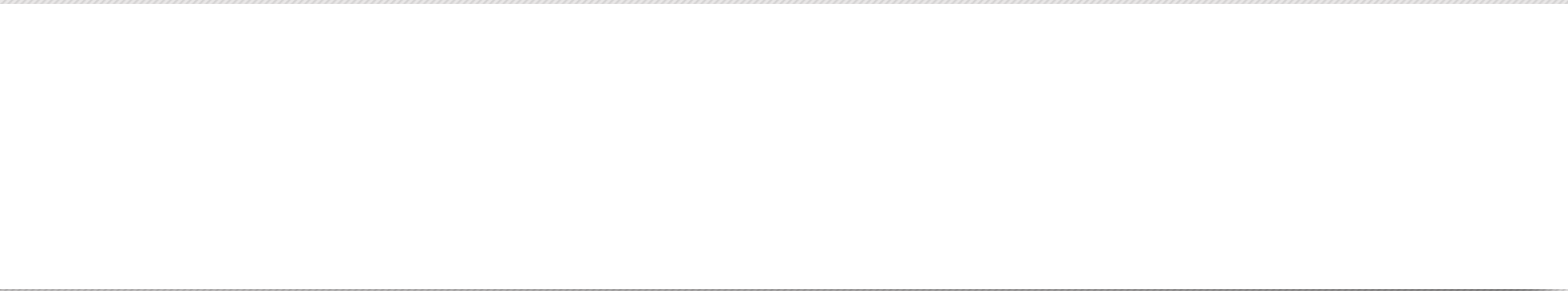
Project Name	OCP / Non-OCP	Project Type	Contract Type	Amount
Little Shoal Cr. Interceptor	NON-OCP	Collection	Const	\$ 33,100,000
Sewer Separation: 40th and Monroe	OCP	OCP	Const	\$ 16,250,000
Birmingham PS Screen Replacements	NON-OCP	Pump Station	Const	\$ 10,500,000
Relief Sewer: Hardesty Ave and 31st St	OCP	OCP	Const	\$ 6,550,000
I/I Reduction: Middle Blue River Area 13	OCP	OCP	Const	\$ 6,490,000
I/I Reduction: Line Creek/Rock Creek Basin Project 3 and 4	OCP	OCP	Const	\$ 5,115,000
Blue River Pump Station Pump Station Screen Replacement	NON-OCP	WWTP	D/B	\$ 5,000,000
Sewer Separation: Outfall 054	OCP	OCP	Const	\$ 4,494,000
I/I Reduction: Northern Basins Project 1 (Pied Creek)	OCP	OCP	Const	\$ 4,400,000
4800 E. 63rd St. Wastewater ADA Compliance and Renovations	NON-OCP	Admin	Const	\$ 3,600,000
OK Creek Gates Bending Weir	OCP	OCP	Const	\$ 3,500,000
Dry Weather Sewer Line: Outfall 055	OCP	OCP	Const	\$ 2,675,000
Smart Sewer Network and Field Maintenance	OCP	OCP	Const	\$ 1,300,000
10th and Harrison/ADA Improvements (NEW PROJECTS IN FY22)	NON-OCP	Admin	Const	\$ 900,000
Total 2023A Sanitary Sewer Bonded Projects				\$ 103,874,000

*Project descriptions can be found in the Appendix.

QUESTIONS?



APPENDIX



Water Capital Projects Description

- Prospect Rd Elevated Tank Project
 - Construction of a water storage tank (water tower) near Prospect Rd and 129th St
- 131st St - Holmes to Prospect 16” Transmission Main to New Tank Project
 - Construction of a new water transmission main to connect to the Prospect Rd Elevated Tank
- Unencumbered Water Main Replacement Projects
 - Replacement of failing water main along Broadway from 31st St to 39th St

Water Capital Projects Description

- WMR and Water Main Projects
 - Replacement of failing water mains in specific areas throughout the City
- WMR OCP Projects
 - Replacement of failing water mains in specific areas related to work being completed as part of the overflow control program
- ADA Compliance (Water)
 - Construction of improvements in water facilities and buildings to make them ADA compliant

Sanitary Sewer Capital Projects Description

- Little Shoal Creek Interceptor
 - Replacement sewer to serve Little Shoal Creek Basin
- OCP - I/I Reduction Projects
 - Consent Decree projects to reduce inflow and infiltration in the separate sewer system
- OCP - Sewer Separation Projects
 - Consent Decree projects to provide separation of storm water from the combined sewer system to reduce combined sewer overflows

Sanitary Sewer Capital Projects Description

- Relief Sewer: Hardesty Ave and 31st
 - Consent Decree project to extend new, larger sewer to minimize combined sewer overflow volumes
- OK Creek Bending Weir Project
 - Provides a mechanism to store stormwater volume in the OK Creek sewer to alleviate combined sewer overflows
- Dry Weather Sewer Line: Outfall 055
 - Consent Decree project aligns larger sewer mains to reduce combined sewer overflow volumes
- Smart Sewer Network and Field Maintenance
 - Provides additional flow metering and upkeep for Consent Decree driven modeling data

Sanitary Sewer Capital Projects Description

- Birmingham PS Screen Replacement and Blue River Pump Station Screen Replacement Projects
 - Replace the screens that remove the trash from the sewage that flows into these two pump stations
- 4800 E 63rd St Wastewater ADA Compliance and Renovations Project
 - Construction of improvements at the Water Services Departments headquarters buildings to make it ADA compliant
- 10th and Harrison/ADA Improvements Project
 - Construction of improvements at the Water Services Departments building at 1001 Harrison to make it ADA compliant