

Fund 69300: Sewer Construction Improvements

Focus

Fund 69300, Sewer Construction Improvements, provides for wastewater management construction projects through a transfer of funds from Fund 69000, Sewer Revenue. All projects in Fund 69300 are fully supported by sewer system revenues.

Funding in the amount of \$90,000,000 is included in Fund 69300, Sewer Construction Improvements, in FY 2024 for the following projects:

Collection System Replacement and Rehabilitation

This is a continuing project established to implement systematic rehabilitation of the County's approximately 3,300 miles of sanitary sewer lines. Rehabilitation includes, among other things, the use of trenchless technology to rehabilitate approximately 20 miles of sewer per year. FY 2024 funding in the amount of \$10,000,000 is included to continue the systematic rehabilitation of the County's sewer lines.

Force Main Rehabilitation

This program began in FY 2014 and provides for the rehabilitation of the County's force mains. FY 2024 funding in the amount of \$5,000,000 is included to complete the rehabilitation of the following force mains: Covanta, Mount Vernon Terrace, Langley School, Riverwood, and Little Hunting Creek.

Gravity Sewers

This project funds the inspection, repair, and replacement of gravity sewers within the wastewater collection system. FY 2024 funding in the amount of \$25,000,000 is provided for the closed-circuit television (CCTV) inspection of more than 200 miles of sewer and rehabilitation of over 25 miles of sewer using cured-in-place-pipe (CIPP). In addition, funding is provided for the repair and replacement of defective and aging gravity sewers, including emergency repair work. New initiatives for FY 2024 include detailed inflow and infiltration and creek bed investigations.



Noman Cole Treatment Plant Renewal

This project provides for the continuation of systematic rehabilitation of structures and equipment at the Noman M. Cole, Jr. Pollution Control Plant (NMCPCP). FY 2024 funding in the amount of \$30,000,000 is included for the rehabilitation and replacement of pumps, gates, and valves; stormwater runoff improvements, and continuation of the rehabilitation of the motor control centers/distribution centers (MCC/DC) and raw wastewater pump station facility.

Pumping Stations

This project provides for the planned replacement of pumping stations throughout the County. FY 2024 funding of \$20,000,000 is included for the regularly scheduled repair, renovation, and replacement of pumping station equipment and facilities. There will be nine pump stations in the design phase and four pump stations in the construction phase in FY 2024.

FY 2024 Funding Adjustments

The following funding adjustments from the FY 2023 Adopted Budget Plan are necessary to support the FY 2024 program:

Capital Projects

\$1,000,000

Funding of \$90,000,000 in Capital Projects, an increase of \$1,000,000 over the FY 2023 Adopted Budget Plan, has been included in FY 2024 for priority wastewater capital projects.

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Changes to FY 2023 Adopted Budget Plan

The following funding adjustments reflect all approved changes in the FY 2023 Revised Budget Plan since passage of the FY 2023 Adopted Budget Plan. Included are all adjustments made as part of the FY 2022 Carryover Review and all other approved changes through December 31, 2022:

Carryover Adjustments **\$69,881,122**

As part of the *FY 2022 Carryover Review*, the Board of Supervisors approved funding of \$69,881,122 due to the carryover of unexpended project balances.

A Fund Statement and a Summary of Capital Projects are provided on the following pages. The Summary of Capital Projects may include some projects without a Total Project Estimate amount. These projects are considered "continuing" projects or projects for which funding is necessary on an ongoing basis (e.g., a contingency or planning project).

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FUND STATEMENT

Category	FY 2022 Actual	FY 2023 Adopted Budget Plan	FY 2023 Revised Budget Plan	FY 2024 Advertised Budget Plan
Beginning Balance	\$45,077,740	\$0	\$69,881,122	\$0
Transfers In:				
Sewer Revenue (69000)	\$86,000,000	\$89,000,000	\$89,000,000	\$90,000,000
Total Transfers In	\$86,000,000	\$89,000,000	\$89,000,000	\$90,000,000
Total Available	\$131,077,740	\$89,000,000	\$158,881,122	\$90,000,000
Total Expenditures	\$61,196,618	\$89,000,000	\$158,881,122	\$90,000,000
Total Disbursements	\$61,196,618	\$89,000,000	\$158,881,122	\$90,000,000
Ending Balance¹	\$69,881,122	\$0	\$0	\$0

¹ The capital projects in this sewer fund are budgeted based on the total project costs. Most projects span multiple years, from design to construction completion. Therefore, funding for capital projects is carried forward each fiscal year, and ending balances fluctuate, reflecting the carryover of these funds.

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SUMMARY OF CAPITAL PROJECTS

Project	Total Project Estimate	FY 2022 Actual Expenditures	FY 2023 Revised Budget	FY 2024 Advertised Budget Plan
Alexandria WWTP Upgrades and Rehab (WW-000021)		\$0.00	\$541,908.46	\$0
Arlington WWTP Upgrades and Rehab (WW-000020)		0.00	220,704.00	0
Blue Plains WWTP Upgrades and Rehab (WW-000022)		0.00	429,807.47	0
Collection System Replacement and Rehab (WW-000007)		233,523.43	9,945,175.78	10,000,000
Extension and Improvement Projects (WW-000006)		5,299.36	4,737,169.16	0
Force Main Rehabilitation (WW-000008)		563,141.81	3,227,443.37	5,000,000
Gravity Sewer Capacity Improvements (WW-000032)		11,071,388.07	30,520,427.23	0
Gravity Sewers (WW-000028)		15,151,030.66	25,522,488.68	25,000,000
Integrated Sewer Metering (WW-000005)		282,430.31	1,735,655.05	0
Large Diameter Pipe Rehabilitation and Replacement (WW-000026)		25,103.42	2,722,002.54	0
Noman Cole Treatment Plant Renewal (WW-000009)		15,640,839.39	54,832,588.93	30,000,000
Pumping Station Rehabilitation (WW-000001)		9,200,147.57	22,664,767.18	20,000,000
Robert P. McMath Facility Improvements (WW-000004)	2,025,000	19,812.57	179,934.52	0
Sewer Sag Program (WW-000024)		9,003,765.68	1,017,723.39	0
Wastewater Facility Share (WW-000030)	432,000	136.04	377,076.37	0
Wastewater Operations & Maintenance (WW-000031)	210,000	0.00	206,250.00	0
Total	\$2,667,000	\$61,196,618.31	\$158,881,122.13	\$90,000,000