

Wastewater Fund

Fiscal Year 2026 Operating Budget

Fund Overview

ADOPTED BUDGET		PROPOSED BUDGET
	FY2025	FY2026
Revenues		
Revenue-Use Money/Property	\$36,600	\$54,200
Charges for Services	\$9,313,207	\$10,005,310
Miscellaneous Revenue	\$74,000	\$106,050
REVENUES TOTAL	\$9,423,807	\$10,165,560
Operating Expenses		
Administration Services	\$935,955	\$1,075,250
Debt Service	\$160,370	\$196,550
Regular Capital Maintenance	\$800,000	\$1,404,780
Sewer Connections	\$141,144	\$170,820
Sewer Maintenance	\$2,030,173	\$2,003,630
Sewer Repair	\$178,690	\$184,920
Treatment	\$3,885,859	\$4,405,190
OPERATING EXPENSES TOTAL	\$8,132,191	\$9,441,140
Other		
Depreciation	\$1,967,370	\$1,670,190
OTHER TOTAL	\$1,967,370	\$1,670,190
Total Operating Expense	\$10,099,561	\$11,111,330
Contribution to General Fund	\$705,760	\$707,760
Total Expenditures	\$10,805,321	\$11,819,090
Add - Depreciation	\$1,967,370	\$1,670,190
Total Expenditures (less depreciation)	\$8,837,951	\$10,148,900
Revenue in excess of Operating Expense	\$585,856	\$16,660
Capital Improvements		
Sewer Capital Projects	\$600,000	\$0
CAPITAL IMPROVEMENTS TOTAL	\$600,000	\$0
Revenues Over (Under) Expenses	(\$14,144)	\$16,660

Major Revenue Sources

Revenue categories for this fund are as follows:

REVENUE – USE OF MONEY/PROPERTY: This revenue category includes: Interest on Investments - All of the City's funds are invested in secured accounts in an attempt to earn the highest possible return. Investment earnings are a function of the money marketplace and swings in the revenues reflect higher or lower interest rates. Sale-Salvage and Surplus Property - This revenue represents the sale of surplus vehicles and equipment and funds received from the sale of scrap metal.

CHARGES FOR SERVICES: This revenue category include consumer fees and is the major revenue source for the Wastewater Fund. The residential category is the largest part of that revenue stream, representing 13,045 customers. The commercial base represents 2,000 customers and the industrial base has 25 customers. The municipal class represents charges to the City for its municipal facilities. Other revenues in this category include Industrial Pretreatment fees and Rural Strong Waste Surcharges, penalties for non-payment and reconnection fees. Other revenues in this category include penalties for nonpayment.

Overall, the wastewater fund is in good financial health and meets current unrestricted fund policies. There are annual distribution improvement projects that Public Works plans for on an annual basis.

MISCELLANEOUS REVENUE: Miscellaneous revenue includes fees charged to customers who request alternation to their services, as well as fees collected from septic haulers.

	ACTUAL	ADOPTED BUDGET		PROPOSED BUDGET	
	FY2023	FY2024	FY2025	FY2026	Increase/ (Decrease)
Revenues					
Revenue-Use Money/Property	\$106,533	\$144,748	\$36,600	\$54,200	\$17,600
Charges for Services	\$8,980,564	\$9,240,563	\$9,313,207	\$10,005,310	\$692,103
Miscellaneous Revenue	\$94,031	\$110,774	\$74,000	\$106,050	\$32,050
Other Revenue	(\$53,702)	\$49,770	–	–	\$0
REVENUES TOTAL	\$9,127,426	\$9,545,854	\$9,423,807	\$10,165,560	\$741,753

Public Works Sewer Maintenance

Description

The Public Works Department Sanitary Sewer Maintenance Section of the Wastewater fund has the responsibility to maintain 381 miles of sanitary sewer lines. Sewer maintenance includes routine inspecting, televising, cleaning, and repairing. The Sanitary Sewer Maintenance Section also maintains over 9,000 manholes, several pump station outfall lines, as well as sewer easements throughout the City. Sewer Maintenance is supported by the Street Maintenance Division including the installation of sewer cap-offs, sanitary sewer taps, repairs to sanitary sewer lines, reconstruction/rehabilitation of sewer lines, and creek and river crossings.

Expenditures

	ACTUAL		ADOPTED BUDGET	PROPOSED BUDGET	
	FY2023	FY2024	FY2025	FY2026	Increase/(Decrease)
Expenses					
Personnel Services	\$854,169	\$879,327	\$962,824	\$994,420	\$31,596
Employee Benefits	\$94,365	\$103,703	\$131,722	\$152,990	\$21,268
Purchased Services	\$929,230	\$1,573,481	\$230,150	\$264,780	\$34,630
Internal Service	\$222,394	\$233,812	\$352,390	\$378,090	\$25,700
Other Operating Expense	\$131,982	\$174,623	\$135,850	\$168,510	\$32,660
Cost Allocation	\$261,320	\$295,980	\$280,330	\$350,580	\$70,250
Capital Expenses	\$10,350	\$429,893	\$250,000	\$50,000	(\$200,000)
Capital Projects	—	—	\$600,000	\$0	(\$600,000)
Depreciation	\$887,015	\$896,671	\$886,020	\$903,150	\$17,130
Debt Service	\$6,508	\$6,012	\$6,740	\$0	(\$6,740)
EXPENSES TOTAL	\$3,397,335	\$4,593,503	\$3,836,026	\$3,262,520	(\$573,506)

Personnel

Sanitary Sewer Maintenance Section is funded by the Utilities Wastewater Fund and includes support staff from Street Maintenance Division.

Position Title	FY2023	FY2024	FY2025	FY2026
FTEs				
ACCOUNT CLERK	0	0	0	0
ADMINISTRATIVE ASSISTANT	0	0	0	0
APPLICATIONS SPECIALIST I	0.2	0.2	0.2	0.2
ASST DIR OF PUBLIC WRKS/CTY ENG	0.25	0.25	0.25	0.25
CCTV TECHNICIAN	1	1	1	1
CONSTRUCTION INSPECTOR	0.5	0.5	0.5	0.5
DIVISION DIR OF SANITATION	0.3	0.3	0.3	0.3
DIVISION DIRECTOR OF STREETS	0.07	0.07	0.07	0.07
GENERAL SUPERVISOR	1.14	1.14	1.14	1.14
HEAVY EQUIPMENT OPERATOR	0.21	0.14	0.14	0.14
MOTOR EQUIPMENT OPERATOR I	2.28	1.14	0.28	0.21
MOTOR EQUIPMENT OPERATOR II	1.49	3.63	3.77	2.63
MOTOR EQUIPMENT OPERATOR III	2.28	1.42	1.42	1.49
PUBLIC SERVICE WORKER	0.28	1.35	1.14	0.07
PUBLIC SERVICE WORKER/OPERATOR	2.14	2.07	3	5.21
PUBLIC WORKS CHIEF ENGINEER	0.75	0.75	0.75	0.75
PW CREW SUPERVISOR	1.21	1	1.21	1.21
PW PROJECT ENGINEER	0	0	0.25	0
SENIOR ACCOUNT CLERK	0	0	0	0
SENIOR SECRETARY	0	0	0	0
SR ADMINISTRATIVE ASSISTANT	0	0	0	0
SR PUBLIC WORKS GIS/CAD TECH	0.25	0.25	0.25	0.25
TRAINING & SAFETY MANAGER	0.075	0.08	0.075	0.075
FTEs	14.425	15.29	15.745	15.495

Public Works Sewer Debt Service

Description

Sewer Debt Service budgets and accounts for the retirement of principal for general obligation and revenue bonds for the Public Works portion of the Wastewater fund.

Expenditures

ACTUAL		ADOPTED BUDGET		PROPOSED BUDGET	
	FY2023	FY2024	FY2025	FY2026	Increase/(Decrease)
Expenses					
Debt Service	\$9,925	\$10,500	\$10,940	\$17,860	\$6,920
EXPENSES TOTAL	\$9,925	\$10,500	\$10,940	\$17,860	\$6,920

Wastewater Administration

Description

The Wastewater Fund's mission is to provide reliable wastewater services to Danville's customers and collect and treat wastewater as cost effectively as possible while complying with the Virginia Department of Environmental Quality and the Environmental Protection Agency permit.

The Wastewater Fund provides for the operations and maintenance of the Northside Wastewater Treatment Plant, the Southside Treatment Plant, nine wastewater pumping stations, and wastewater collection lines. The operation of treatment plants and pumping stations is the responsibility of the Utilities Department. The Public Works Department maintains 340 miles of sewer lines and handles customer connections. The Northside Plant is permitted for 20 million gallons per day facility built in the mid-1970s. Due to a loss of major industrial customers through closures of tobacco and textile facilities, the plant is currently treating only 6.0 million gallons per day. The Southside Plant functions as a pumping station and storage facility for waste sludge biosolids.

Expenditures

	ACTUAL		ADOPTED BUDGET		PROPOSED BUDGET	
	FY2023	FY2024	FY2025	FY2026	Increase/(Decrease)	
Expenses						
Personnel Services	\$81,116	\$88,839	\$93,014	\$98,630	\$5,616	
Employee Benefits	\$9,027	\$10,324	\$12,307	\$13,880	\$1,573	
Purchased Services	\$3,112,601	\$3,238,557	\$4,101,109	\$5,156,480	\$1,055,371	
Internal Service	\$527,816	\$564,358	\$551,500	\$620,800	\$69,300	
Public Assistance	\$5,442	–	–	–	\$0	
Other Operating Expense	\$152,287	\$141,888	\$124,100	\$176,460	\$52,360	
Cost Allocation	\$584,748	\$606,480	\$711,274	\$818,970	\$107,696	
Capital Expenses	–	–	\$0	\$0	\$0	
Depreciation	\$1,078,135	\$1,103,032	\$1,081,350	\$767,040	(\$314,310)	
Debt Service	\$41,688	\$34,745	\$28,510	\$0	(\$28,510)	
Transfer Out	\$705,760	\$705,760	\$705,760	\$707,760	\$2,000	
Contingency Appropriation	–	–	\$0	–	\$0	
EXPENSES TOTAL	\$6,298,619	\$6,493,984	\$7,408,924	\$8,360,020	\$951,096	

Personnel

The City of Danville owns the treatment facility, but contracts with INFRAMARK (previously known as Severn Trent) to operate the treatment process and nine wastewater pumping stations located throughout the service area.

Position Title	FY2023	FY2024	FY2025	FY2026
FTEs				
DIVISION DIR WTR/WSTWTR TRTMNT	0.5	0.5	0.5	0.5
SENIOR SECRETARY	0.5	0.5	0.5	0.5
FTES	1	1	1	1

Wastewater Capital

Description

Wastewater Capital plans and budgets for the capital expenditures at the Wastewater Treatment Plant.

Expenditures

	ACTUAL	ADOPTED BUDGET		PROPOSED BUDGET	
	FY2023	FY2024	FY2025	FY2026	Increase/(Decrease)
Expenses					
Personnel Services	\$1,347	\$6,034	–	–	\$0
Employee Benefits	\$154	\$760	–	–	\$0
Purchased Services	\$376,083	\$60,136	–	–	\$0
Other Operating Expense	\$2,272,212	–	–	–	\$0
Capital Projects	–	–	\$0	\$0	\$0
EXPENSES TOTAL	\$2,649,796	\$66,930	\$0	\$0	\$0

Wastewater Plant Debt Service

Description

Wastewater Debt Service budgets and accounts for the retirement of principal for general obligation and revenue bonds for the Wastewater fund.

Expenditures

	ACTUAL	ADOPTED BUDGET		PROPOSED BUDGET	
	FY2023	FY2024	FY2025	FY2026	Increase/(Decrease)
Expenses					
Debt Service	\$135,395	\$142,422	\$149,430	\$178,690	\$29,260
EXPENSES TOTAL	\$135,395	\$142,422	\$149,430	\$178,690	\$29,260

Wastewater

FY 2026 Five-Year Capital & Special Projects Plan

Capital and Special Projects - FY 2026-2030

	CAPITAL & SPECIAL PROJECT PLAN					5 YR TOTAL
	FY2026	FY2027	FY2028	FY2029	FY2030	
Department / Project						
60041 - Sewer Line Reconstruction	\$300,000	\$300,000	\$300,000	\$300,000	\$300,000	\$1,500,000
60048 - New Sewer Lines/Inflow & Infiltration Reduction	\$300,000	\$300,000	\$300,000	\$300,000	\$300,000	\$1,500,000
61677 - Fall Creek Sanitary Sewer Reconstruction & Rehab	\$0	\$1,000,000	\$0	\$0	\$0	\$1,000,000
61939 - Holland Road Sewer Extension	\$0	\$800,000	\$0	\$0	\$0	\$800,000
61940 - Luna Lake Road Sewers	\$0	\$0	\$0	\$800,000	\$2,000,000	\$2,800,000
61950 - Tributary Lines to Jackson Branch Outfall	\$0	\$0	\$800,000	\$0	\$0	\$800,000
61951 - Tributary Lines to Sandy Creek Outfall	\$0	\$800,000	\$0	\$0	\$0	\$800,000
61959 - Sanitary Sewer - New Housing Subdivision	\$0	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$4,000,000
PUBLIC WORKS TOTAL	\$600,000	\$4,200,000	\$2,400,000	\$2,400,000	\$3,600,000	\$13,200,000
61875 - Southside Plant Improvements	\$2,500,000	\$15,000,000	\$0	\$0	\$0	\$17,500,000
UTILITIES TOTAL	\$2,500,000	\$15,000,000	\$0	\$0	\$0	\$17,500,000
DEPARTMENT / PROJECT TOTAL	\$3,100,000	\$19,200,000	\$2,400,000	\$2,400,000	\$3,600,000	\$30,700,000

Funding Sources - FY 2026

	CURRENT REVENUES	FUND BALANCE	DEBT FINANCING	GRANTS/CIA	OTHER	TOTAL
Department / Project						
60041 - Sewer Line Reconstruction	\$0	-	\$300,000	-	-	\$300,000
60048 - New Sewer Lines/Inflow & Infiltration Reduction	\$0	-	\$300,000	-	-	\$300,000
PUBLIC WORKS TOTAL	\$0	\$0	\$600,000	-	-	\$600,000
61875 - Southside Plant Improvements	-	-	\$2,500,000	\$0	-	\$2,500,000
UTILITIES TOTAL	-	-	\$2,500,000	\$0	-	\$2,500,000
DEPARTMENT / PROJECT TOTAL	\$0	\$0	\$3,100,000	\$0	-	\$3,100,000

Sewer Line Reconstruction

FY 2026 Five-Year Capital & Special Projects Plan

Project Name: Sewer Line Reconstruction
Project Number: 60041

Department: Public Works
Division: Sanitation

Classification: Existing Capital Project
Capital Priority: Beneficial

Estimated Start Date: 07/01/2025
Estimated Completion Date: 06/30/2030

Comprehensive Plan Alignment Score: 40

Total Project Cost: \$1,500,000

Description:

This project is the reconstruction and rehabilitation of various sewer lines that have major structural defects due to the age of the lines. These projects are heavily dependent on discovery of deteriorated sewer during routine sewer maintenance. Some projects require funding over multiple years and cannot be predicted.

Project Progress/Status:

Each fiscal year includes ongoing reconstruction and rehabilitation to existing sanitary sewers and manholes as issues arise or are identified.

Operating Budget Impact:

This provides funding for projects that will decrease sewer maintenance costs. The department makes repairs on sanitary sewers found to be leaking or deteriorated. This is mandated by the DEQ Consent Order to reduce infiltration/exfiltration.

Return on Investment:

The return on investment is a more reliable sanitary sewer system with fewer overflows and less required maintenance.

Public Benefit/Community Impact:

The public benefit is a more reliable sanitary sewer system with fewer overflows and less required maintenance.

Comments:

Study: October 2018 Sewer System Inflow and Infiltration Evaluation Report.

Funding Sources:

CAPITAL & SPECIAL PROJECTS						TOTAL
	FY2026	FY2027	FY2028	FY2029	FY2030	
Revenues						
Bonds	\$300,000	\$0	\$0	\$0	\$0	\$300,000
Utility Fund Revenues	\$0	\$300,000	\$300,000	\$300,000	\$300,000	\$1,200,000
REVENUES TOTAL	\$300,000	\$300,000	\$300,000	\$300,000	\$300,000	\$1,500,000

Planned Activities by Fiscal Year:

Each fiscal year includes ongoing reconstruction and rehabilitation to existing sanitary sewers and manholes as issues arise or are identified.

FY2026: reconstruct/rehabilitate Bishop Road sewer

New Sewer Lines

FY 2026 Five-Year Capital & Special Projects Plan

Project Name: New Sewer Lines/Inflow & Infiltration Reduction

Project Number: 60048

Department: Public Works

Division: Sanitation

Classification: Recurring Maintenance
Capital Priority: Strategically Important

Estimated Start Date: 07/01/2025
Estimated Completion Date: 06/30/2030

Comprehensive Plan Alignment Score: 42

Total Project Cost: \$1,500,000

Description:

This project is for short sanitary sewer extensions to serve areas in the City presently without sewer service which meet the City's extension guidelines. This project also provides funds for annual inspection and engineering costs for sewer projects and addressing sewer inflow and infiltration reduction studies and projects.

Project Progress/Status:

FY2025: Infiltration / inflow study on Sandy River.

FY2026: Address any infiltration / inflow on Sandy Creek

Operating Budget Impact:

The impact to the operating budget is positive since problems are being addressed which should reduce maintenance.

Short sanitary sewer extensions are not significant enough to add costs to the operating budget.

Return on Investment:

The return on investment is less maintenance and service to currently unserved parcels.

Public Benefit/Community Impact:

Requests from property owners for sanitary sewer extensions are funded by this project based on City Code and city priorities. Increased sewer availability is provided and also reduction in sewer inflow and infiltration (I&I).

Comments:

Study: October 2018 Sewer System Inflow and Infiltration Evaluation Report.

Funding Sources:

CAPITAL & SPECIAL PROJECTS						TOTAL
	FY2026	FY2027	FY2028	FY2029	FY2030	
Revenues						
Bonds	\$300,000	\$0	\$0	\$0	\$0	\$300,000
Utility Fund Revenues	\$0	\$300,000	\$300,000	\$300,000	\$300,000	\$1,200,000
REVENUES TOTAL	\$300,000	\$300,000	\$300,000	\$300,000	\$300,000	\$1,500,000

Planned Activities by Fiscal Year:

Ongoing design and construction of sewer line extensions as petitioned, I&I reduction.

Fall Creek Sanitary Sewer

FY 2026 Five-Year Capital & Special Projects Plan

Project Name: Fall Creek Sanitary Sewer
Reconstruction & Rehabilitation
Project Number: 61677

Department: Public Works

Division: Sanitation

Classification: New Capital Project
Capital Priority: Beneficial

Estimated Start Date: 07/01/2024
Estimated Completion Date: 06/30/2028

Comprehensive Plan Alignment Score: 40

Total Project Cost: \$3,000,000

Description:

This project is for the evaluation, rehabilitation, reconstruction, and extensions of Fall Creek sanitary sewer and tributaries starting at Dan River and going to the Pittsylvania County line.

Project Progress/Status:

FY2024 - Design and construct sanitary sewer extension to The View project on Franklin Turnpike.
FY2025 - Start evaluation (study) of the sanitary sewer watershed to determine capacity issues and inflow/infiltration issues.

Operating Budget Impact:

The Fall Creek Sanitary Sewer Reconstruction, Rehabilitation, and Extension project will increase and improve sanitary conveyance and reduce infiltration of groundwater and surface water into the system by correcting any discovered problems in the system. The City is reconstructing old inadequate sewer main interceptors.

Return on Investment:

The return on investment is an improved reliability and efficiency of the sanitary sewer system resulting in fewer overflows thereby requiring less maintenance effort.

Public Benefit/Community Impact:

The public benefit is an improved reliability and efficiency of the sanitary sewer system resulting in fewer overflows thereby requiring less maintenance effort.

Comments:

Study: October 2018 Sewer System Inflow and Infiltration Evaluation Report.

Funding Sources:

CAPITAL & SPECIAL PROJECTS						TOTAL
	FY2026	FY2027	FY2028	FY2029	FY2030	
Revenues						
Wastewater Fund Balance	\$0	\$1,000,000	\$0	\$0	\$0	\$1,000,000
REVENUES TOTAL	\$0	\$1,000,000	\$0	\$0	\$0	\$1,000,000

Planned Activities by Fiscal Year:

- FY2024 - Design and construct sanitary sewer extension to The View project on Franklin Turnpike.
- FY2025 - Start evaluation (study) of the sanitary sewer watershed to determine capacity issues and inflow/infiltration issues.
- FY2026 - Rehabilitate and reconstruct tributary sanitary sewer lines as needed.

Holland Road Sewer Extension

FY 2026 Five-Year Capital & Special Projects Plan

Project Name: Holland Road Sewer Extension
Project Number: 61939

Department: Public Works
Division: Sanitation

Classification: New Capital Project
Capital Priority: Beneficial

Estimated Start Date: 07/01/2025
Estimated Completion Date: 07/01/2027

Comprehensive Plan Alignment Score: 42

Total Project Cost: \$800,000

Description:

This project involves extension of the sanitary sewer on Holland Road starting at the existing manhole #7627 in front of 656 Holland Road and extending southwest along Holland Road to the VA/NC State Line. Estimated extension length is 1,300ft.

Project Progress/Status:

FY2025: The project has been pre-scoped.

Operating Budget Impact:

Once constructed, the operating budget impact will be minimal since this will be adding facilities to the existing sanitary system. This increase will be absorbed into the existing sanitary sewer maintenance budget.

Return on Investment:

The return on investment is an expanded sanitary sewer system to provide area properties public sanitary service.

Public Benefit/Community Impact:

This sanitary sewer extension will provide sanitary sewer service to additional city residents on Holland Road and Elizabeth Street that currently do not have access to public sanitary sewer. These residents are currently utilizing private septic systems. There has been a request by a resident for the sanitary sewer to be extended.

Comments:

Funding Sources:

	CAPITAL & SPECIAL PROJECTS					TOTAL
	FY2026	FY2027	FY2028	FY2029	FY2030	
Revenues						
Wastewater Fund Balance	\$0	\$800,000	\$0	\$0	\$0	\$800,000
REVENUES TOTAL	\$0	\$800,000	\$0	\$0	\$0	\$800,000

Planned Activities by Fiscal Year:

FY2026 - Complete engineering and design

FY2027 - Start/complete construction

Luna Lake Road Sewers

FY 2026 Five-Year Capital & Special Projects Plan

Project Name: Luna Lake Road Sewers
Project Number: 61940

Department: Public Works
Division: Sanitation

Classification: New Capital Project
Capital Priority: Beneficial

Estimated Start Date: 07/01/2028
Estimated Completion Date: 06/30/2030

Comprehensive Plan Alignment Score: 42

Total Project Cost: \$2,800,000

Description:

This project is the construction of 5,000 feet of sanitary sewer lines to serve residences and businesses in the Luna Lake Road area.

Project Progress/Status:

No progress has been made on this project.

Operating Budget Impact:

Once completed, there will be an impact on the operating budget. This impact needs to be further studied.

Return on Investment:

The return on investment is sanitary sewer service to areas currently not served.

Public Benefit/Community Impact:

The public benefit is sanitary sewer service to areas currently not served.

Comments:

Study: City's 1989 Sewer Needs Assessment Study.

The estimate number is just a placeholder and is not considered accurate. Once the project is fully scoped, a more accurate estimate can be developed.

Funding Sources:

CAPITAL & SPECIAL PROJECTS					TOTAL
	FY2026	FY2027	FY2028	FY2029	FY2030
Revenues					
Utility Fund Revenues	\$0	\$0	\$0	\$800,000	\$2,000,000
REVENUES TOTAL	\$0	\$0	\$0	\$800,000	\$2,000,000

Planned Activities by Fiscal Year:

FY2028 - Complete engineering and design.

FY2029 - Start construction.

Tributary Lines to Jackson Branch

FY 2026 Five-Year Capital & Special Projects Plan

Project Name: Tributary Lines to Jackson Branch
Outfall

Project Number: 61950

Department: Public Works

Division: Sanitation

Classification: New Capital Project

Capital Priority: Beneficial

Estimated Start Date: 07/01/2027

Estimated Completion Date: 06/30/2029

Comprehensive Plan Alignment Score: 40

Total Project Cost: \$800,000

Description:

This project is to investigate and rehabilitate/replace sanitary sewer tributary lines originating at Jackson Branch Outfall and extending to east and west to Almagro Hope 6 (Lee Street) and Holbrook Avenue. Tributary and main lines will be monitored for inflow and infiltration and repaired as necessary.

Project Progress/Status:

The main line along Jackson Branch has been replaced/rehabilitated within the past 15 years.

Operating Budget Impact:

Operating budget impacts will be positive since this project will improve the reliability and efficiency of the sanitary sewer system resulting in fewer overflows thereby requiring less maintenance effort.

Return on Investment:

The return on investment is an improved reliability and efficiency of the sanitary sewer system resulting in fewer overflows thereby requiring less maintenance effort.

Public Benefit/Community Impact:

The public benefit is an improved reliability and efficiency of the sanitary sewer system resulting in fewer overflows thereby requiring less maintenance effort.

Comments:

Funding Sources:

CAPITAL & SPECIAL PROJECTS						TOTAL
	FY2026	FY2027	FY2028	FY2029	FY2030	
Revenues						
Utility Fund Revenues	\$0	\$0	\$800,000	\$0	\$0	\$800,000
REVENUES TOTAL	\$0	\$0	\$800,000	\$0	\$0	\$800,000

Planned Activities by Fiscal Year:

The 2018 Inflow and infiltration study indicated increased flows during significant rainfall events. The outfall line has already been reconstructed.

FY2027: Begin studying the tributary lines

FY2028: Complete study and initiate any needed repairs or rehabilitation.

Tributary Lines to Sandy Creek

FY 2026 Five-Year Capital & Special Projects Plan

Project Name: Tributary Lines to Sandy Creek Outfall
Project Number: 61951

Department: Public Works
Division: Sanitation

Classification: New Capital Project
Capital Priority: Beneficial

Estimated Start Date: 07/01/2025
Estimated Completion Date: 06/30/2027

Comprehensive Plan Alignment Score: 40

Total Project Cost: \$800,000

Description:

This project is to investigate and rehabilitate / reconstruct sanitary sewer tributary lines originating at Sandy Creek Outfall and extending to Piney Forest Road. Tributary and main lines will be monitored for inflow and infiltration and repaired or replaced as necessary.

Project Progress/Status:

FY 2022 - The main line between Parker Road and Rocky Lane was replaced.

Operating Budget Impact:

Operating budget impacts will be positive since this will be improve the reliability and efficiency of the sanitary sewer system resulting in fewer overflows thereby requiring less maintenance effort.

Return on Investment:

The return on investment is improved reliability and efficiency of the sanitary sewer system resulting in fewer overflows thereby requiring less maintenance effort.

Public Benefit/Community Impact:

The public benefit is an improved reliability and efficiency of the sanitary sewer system resulting in fewer overflows thereby requiring less maintenance effort.

Comments:

Funding Sources:

CAPITAL & SPECIAL PROJECTS						TOTAL
	FY2026	FY2027	FY2028	FY2029	FY2030	
Revenues						
Utility Fund Revenues	\$0	\$800,000	\$0	\$0	\$0	\$800,000
REVENUES TOTAL	\$0	\$800,000	\$0	\$0	\$0	\$800,000

Planned Activities by Fiscal Year:

The 2018 Inflow and infiltration report indicated increased flows during significant rainfalls.

FY2022 - The main line between Parker Road and Rocky Lane was replaced.

FY2025 - Start evaluation of tributary lines utilizing existing funds.

FY2026 - Schedule repairs, relining or replacements of discovered deficiencies.

Sanitary Sewer - New Subdivision

FY 2026 Five-Year Capital & Special Projects Plan

Project Name: Sanitary Sewer - New Housing
Subdivision
Project Number: 61959

Department: Public Works

Division: Sanitation

Classification: New Capital Project
Capital Priority: Strategically Important

Estimated Start Date: 07/01/2026
Estimated Completion Date: 12/31/2030

Comprehensive Plan Alignment Score: 33

Total Project Cost: \$4,000,000

Description:

The City Manager requested including a project in the CIP to extend sanitary sewer infrastructure to potential sites for subdivisions. These projects should be prioritized based on whether there is a qualified developer interested in the project, the number of units, how closely those units meet our needs, and the ability to extend infrastructure, etc.

The capital improvements project should set a dollar amount for this activity and give flexibility to making decisions as the facts evolve.

Project Progress/Status:

A design is being completed for a Jenny Lane sanitary sewer extension based on increased interest in the Jenny Lane parcel for development.

Operating Budget Impact:

Any new sanitary sewer lines will be required to be added to the city maintenance schedule. At some point, additional personnel and equipment may be needed.

Return on Investment:

The return on investment is more buildable areas within the city which should increase housing opportunities within the city limits.

Public Benefit/Community Impact:

The public benefit is more buildable areas within the city which should increase housing opportunities within the city limits.

Comments:

Due to the number of sites, complexities of the parcels, and unknown goals, the amount shown in the proposed budget is just a placeholder and is not considered to be an accurate estimate.

Funding Sources:

	CAPITAL & SPECIAL PROJECTS					TOTAL
	FY2026	FY2027	FY2028	FY2029	FY2030	
Revenues						
Bonds	\$0	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$4,000,000
REVENUES TOTAL	\$0	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$4,000,000

Planned Activities by Fiscal Year:

FY2025 - complete design for Jenny Lane parcels.

Approximately 20 locations have been identified. The Engineering Department is working in-house to create more accurate numbers, schematic plans, and estimated costs to serve each potential site.

Southside Plant Improvements

FY 2026 Five-Year Capital & Special Projects Plan

Project Name: Southside Plant Improvements
Project Number: 61875

Department: Utilities
Division: Administrative

Classification: Existing Capital Project
Capital Priority: Critical

Estimated Start Date: 07/01/2024
Estimated Completion Date: 08/30/2027

Comprehensive Plan Alignment Score: 50

Total Project Cost: \$32,500,000

Description:

This project involves constructing a new wastewater pumping station at the Southside Plant on Gypsum Road to expand station capacity from 7.6 MGD to 11.4 MGD. This will also allow for the installation of a trash rake system and various building improvements. This project will be funded by a \$4.5M grant and \$25.5M 0.5% low-interest loan made possible from the Federal Bipartisan Infrastructure Law funding through the Virginia Department of Environmental Quality's Clean Water Revolving Loan Program.

Project Progress/Status:

Preliminary Engineering Report is completed. Staff has contracted with a engineering firm to start on the engineering, permitting, and environmental work needed to complete initial grant/loan requirements.

Operating Budget Impact:

This project will not affect the operating budget.

Return on Investment:

There is not a return on the investment. The benefit of the project is that the new pumping station will meet current day safety and compliance requirements and the additional capacity with larger/newer wastewater pumps.

Public Benefit/Community Impact:

The new pumping station will allow for new industry and new residential growth in the area. The station will also allow for increased reliability during high flow events.

Comments:

FY 2025 Phase 1-Engineering/Permitting/Environmental

FY 2025 Phase 2-Full Engineering drawings and RFP process

Received DEQ Award Letter on 12/22/2023 for \$15,000,000 at 0.5% for up to 25 years. (received low interest loan offer for \$10.5M at 0.05% and \$4.5M in principal forgiveness)

Received second DEQ award letter on 10/04/2024 for \$15,000,000 at 0.5% for up to 25 years. Additional principal forgiveness will be considered in 2025.

Funding Sources:

CAPITAL & SPECIAL PROJECTS						TOTAL
	FY2026	FY2027	FY2028	FY2029	FY2030	
Revenues						
Bonds	\$2,500,000	\$0	\$0	\$0	\$0	\$2,500,000
Loan	\$0	\$15,000,000	\$0	\$0	\$0	\$15,000,000
REVENUES TOTAL	\$2,500,000	\$15,000,000	\$0	\$0	\$0	\$17,500,000

Planned Activities by Fiscal Year:

The engineering for the Southside Pumping Station and associated force main/gravity main changes will take approximately 12 months. Staff anticipates construction to take 24-30 months once awarded.