## **Wastewater Summary**

## **Revenue**

Revenues are forecasted based upon the results of the 2021 biennial rate review which evaluated 2017 – 2019 statistics obtained from our customer information system and evaluation of FY 2021 realized revenue. Including the projected decrease in gross revenue for FY 2022 of \$343,770, Charges for Services are within 3% of both Budget 2021 and Realized 2020 Charges for Services.

## **Wastewater Expenditures**

**Treatment Plants**: Decrease of \$430 primarily in maintenance service contracts.

**Public Works**: Increase of \$36,770 primarily attributed to the request for vehicles and equipment in the motor pool.

Administration Services: Decrease of \$2,310 due to a decrease in dues & memberships.

**Debt Service**: Reflects retirement of general obligation bonds in FY 2022

## **Capital Expenses**

### Regular Capital

| SCADA Upgrades                          | \$ 50,000 |
|---|-----------|
| Engineering for treatment modifications | \$ 30,330 |
| Pump replacements                       | \$120,000 |
| Stormwater Improvements                 | \$500,000 |

### **Projects**

- \$2 million for the Fall Creek Sanitary Sewer Reconstruction & Rehabilitation project and
   \$1 million for the Apple Branch Sewer Line Replacement project for the Public Works Department.
- New Sewer Lines \$250,000 (Public Works)
- Sewer Line Reconstruction \$300,000 (Public Works)

## Adopted Budget - FY 2022

### Wastewater

## Calculation of Contribution to(from) Fund Balance/General Fund

|   | Adopted Budget FY 202 | 21          | Adopted Budget FY | 2022        |
|---|-----------------------|-------------|-------------------|-------------|
| Estimated Revenue                       |                       |             |                   |             |
| Rev-Use Money/Property                  | 118,200               |             | 35,300            |             |
| Charges for Services                    | 9,118,040             |             | 8,861,030         |             |
| Miscellaneous Revenue                   | 86,500                |             | 82,640            |             |
| Transfer from Fund Balance              | 0                     |             | 0                 |             |
| Total Estimated Revenue                 |                       | 9,322,740   |                   | 8,978,970   |
| Operating Expenses                      |                       |             |                   |             |
| Administration Services                 | 1,897,400             |             | 1,933,520         |             |
| Treatment Plants                        | 3,088,200             |             | 3,087,770         |             |
| Sewer Capital Projects                  | 4,150,000             |             | 3,550,000         |             |
| Public Works                            | 2,674,680             |             | 2,717,340         |             |
| Capital Expenses                        | 126,300               |             | 811,920           |             |
| Capital Projects                        | 0                     |             | 0                 |             |
| Total Operating Expenses                |                       | 11,936,580  |                   | 12,100,550  |
| Net Operating Income (Loss)             |                       | -2,613,840  |                   | -3,121,580  |
| Add:                                    |                       |             |                   |             |
| Depreciation                            |                       | 2,145,750   |                   | 2,048,820   |
| Deduct:                                 |                       |             |                   |             |
| Debt Service Principal                  |                       | 333,340     |                   | 362,730     |
| Capital Expenditures from Current O     | perating Funds        | 0           |                   | 0           |
| Contribution to City's General Fund     |                       | 705,760     |                   | 705,760     |
| Contribution To(From) Retained Earnings |                       | (1,507,190) |                   | (2,141,250) |

### WASTEWATER FUND

#### ADOPTED - CAPITAL & SPECIAL PROJECTS - FY 2022-2026

| Project/Source                                  | PL#   | FY 2022      | FY 2023      | FY 2024      | FY 2025      | FY 2026      | 5 Yr Total   |
|---|-------|--------------|--------------|--------------|--------------|--------------|--------------|
| Public Works Sewers                             |       |              |              |              |              |              |              |
| Sewer Line Reconstruction                       | 60041 | \$ 300,000   | \$ 300,000   | \$ 300,000   | \$ 300,000   | \$ 300,000   | \$ 1,500,000 |
| New Sewer Lines/Inflow & Infiltration Reduction | 60048 | 250,000      | 250,000      | 250,000      | 250,000      | 250,000      | 1,250,000    |
| Apple Branch Sewer Line Replacement             |       | 1,000,000    |              |              |              |              | 1,000,000    |
| Tributary Line to Sandy Creek Outfall           |       | .,000,000    |              |              | 800,000      |              | 800,000      |
| Fall Creek Sewer Reconstruction                 |       | 2,000,000    | 1,000,000    |              | 000,000      |              | 3,000,000    |
| Tributary Line to Jackson Branch Outfall        |       | 2,000,000    | 1,000,000    | 800,000      |              |              | 800,000      |
| Luna Lake Road Sewers                           |       |              |              | 000,000      |              | 800,000      | 800,000      |
| Luna Lake Road Gewers                           |       |              |              |              |              | 000,000      | 000,000      |
| Public Works Sewers Total                       |       | \$ 3,550,000 | \$ 1,550,000 | \$ 1,350,000 | \$ 1,350,000 | \$ 1,350,000 | \$ 9,150,000 |
|   |       |              |              |              |              |              |              |
| Total Projects:                                 |       | \$ 3,550,000 | \$ 1,550,000 | \$ 1,350,000 | \$ 1,350,000 | \$ 1,350,000 | \$ 9,150,000 |
|   |       |              |              |              |              |              |              |
| Funding Source:                                 |       |              |              |              |              |              |              |
| Utility Fund Revenues                           |       | \$ 1,550,000 | \$ 550,000   | \$ 1,350,000 | \$ 1,350,000 | \$ 1,350,000 | \$ 6,150,000 |
| Fund Balance                                    |       | 2,000,000    | 1,000,000    | -            | -            | -            | 3,000,000    |
| Total Funding                                   |       | \$ 3,550,000 | \$ 1,550,000 | \$ 1,350,000 | \$ 1,350,000 | \$ 1,350,000 | \$ 9,150,000 |

# WASTEWATER FUND ADOPTED BUDGET - CAPITAL & SPECIAL PROJECTS - FY 2022 FUNDING SOURCES

|  | _  | urrent<br>venues | Fund<br>Balance | Deb<br>Financ |   | Gran | ts/CIA | Otl | ner | Project<br>Total |
|--|----|------------------|-----------------|---------------|---|------|--------|-----|-----|------------------|
| Public Works Sewers                    |    |                  |                 |               |   |      |        |     |     |                  |
| Sewer Line Reconstruction              | \$ | 300,000          |                 |               |   |      |        |     |     | \$<br>300,000    |
| New Sewer Lines/Inflow Infitration Red |    | 250,000          |                 |               |   |      |        |     |     | 250,000          |
| Fall Creek Sewer Reconstruction        |    |                  | 2,000,000       |               |   |      |        |     |     | 2,000,000        |
| Apple Branch Sewer Line Replacement    |    |                  | 1,000,000       |               |   |      |        |     |     | <br>1,000,000    |
| Total Water Distribution               | \$ | 550,000          | \$<br>3,000,000 | \$            | - | \$   | -      | \$  | -   | \$<br>3,550,000  |
|  |    |                  |                 |               |   |      |        |     |     |                  |
| Total Projects:                        | \$ | 550,000          | \$<br>3,000,000 | \$            | - | \$   | -      | \$  | -   | \$<br>3,550,000  |

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. Investments 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 14,076 customers. The commercial base represents 2,009 customers and the industrial base has 31 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 non-payment.

In the 2019 biennial rate study, the recommendation is for wastewater rates be lowered to directly offset the increase in water rates. The current wastewater consumption rate is \$2.58/100 cubic feet. The proposed FY20/21 rate is \$2.38/100 cubic feet. The wastewater fund is in good financial health and meets current unrestricted fund policies. The wastewater fund has also recently completed the majority of the plant improvements at the Northside Plant. There are annual distribution projects that Public Works plans for on an annual basis.

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

#### **REVENUES**

|                      | FY 2019<br>Actual | FY 2020<br>Actual | FY 2021<br>Adopted |              |              |
|----------------------|-------------------|-------------------|--------------------|--------------|--------------|
| Revenues:            |                   |                   |                    |              |              |
| Rev-Use Money &      |                   |                   |                    |              |              |
| Property             | \$ 211,864        | \$ 210,406        | \$ 118,200         | \$ 35,300    | \$ (82,900)  |
| Charges for Services | 9,956,337         | 8,771,225         | 9,118,040          | 8,861,030    | (257,010)    |
| Miscellaneous Rev    | 101,120           | 81,316            | 86,500             | 82,640       | (3,860)      |
| Totals               | \$10,269,321      | \$ 9,062,947      | \$ 9,322,740       | \$ 8,978,970 | \$ (343,770) |

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.

Capital Projects include new sewer lines, sewer connections, inflow & infiltration reduction studies, and sewer line reconstruction and replacement as outlined in the CSP.

|                     | FY 2019<br>Actual | FY 2020<br>Actual | FY 2021<br>Adopted | FY 2022<br>Adopted | Increase/<br>(Decrease) |  |
|---------------------|-------------------|-------------------|--------------------|--------------------|-------------------------|--|
| Expenditures:       |                   |                   |                    | -                  |                         |  |
| Personnel Services  | \$ 479,038        | \$ 577,524        | \$ 711,320         | \$ 785,110         | \$ 73,790               |  |
| Employee Benefits   | 84,375            | 74,733            | 98,040             | 118,170            | 20,130                  |  |
| Purchased Services  | 441,602           | 1,187,679         | 202,180            | 210,140            | 7,960                   |  |
| Internal Service    | 206,300           | 236,868           | 214,570            | 290,350            | 75,780                  |  |
| Other Operating Exp | 275,154           | 181,909           | 116,350            | 116,420            | 70                      |  |
| Cost Allocation     | 183,080           | 226,750           | 280,430            | 263,770            | (16,660)                |  |
| Capital Outlay      | 451,037           | 154,316           | 110,000            | 55,000             | (55,000)                |  |
| Capital Projects    | -                 | -                 | 4,150,000          | 3,550,000          | (600,000)               |  |
| Depreciation        | 808,169           | 845,498           | 972,710            | 975,790            | 3,080                   |  |
| Debt Service        | 77,250            | 44,132            | 25,380             | 14,180             | (11,200)                |  |
| Totals              | \$ 3,006,005      | \$ 3,529,409      | \$ 6,880,980       | \$ 6,378,930       | \$ (502,050)            |  |

## **Personnel**

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

|                                | FY 2019 | FY 2020 | FY 2021 | FY 2022 |
|--------------------------------|---------|---------|---------|---------|
| Position Title                 | FTEs    | FTEs    | FTEs    | FTEs    |
| SR PUBLIC WORKS GIS/CAD TECH   | -       | -       | 0.250   | 0.250   |
| PUBLIC WORKS CHIEF ENGINEER    | -       | -       | 0.750   | 0.750   |
| ASST DIR OF PUBLC WRKS/CTY ENG | -       | -       | 0.250   | 0.250   |
| TRAINING & SAFETY MANAGER      | 0.070   | 0.070   | 0.075   | 0.080   |
| APPLICATIONS SPECIALIST I      | -       | -       | 0.070   | 0.200   |
| PUBLIC SERVICE WORKER          | -       | -       | -       | 0.070   |
| PUBLIC SERVICE WORKER/OPERATOR | 3.420   | 3.630   | 3.560   | 3.560   |
| MOTOR EQUIPMENT OPERATOR I     | 2.560   | 3.490   | 1.420   | 2.490   |
| MOTOR EQUIPMENT OPERATOR II    | 3.630   | 3.490   | 3.420   | 3.420   |
| MOTOR EQUIPMENT OPERATOR III   | 0.210   | 0.280   | 1.070   | -       |
| HEAVY EQUIPMENT OPERATOR       | -       | -       | 0.280   | 0.140   |
| CREW SUPERVISOR                | 1.210   | 1.210   | 1.140   | 1.210   |
| GENERAL SUPERVISOR             | 1.140   | 1.140   | 1.140   | 1.140   |
| CONSTRUCTION INSPECTOR         | -       | -       | -       | 0.250   |
| DIVISION DIRECTOR OF STREETS   | 0.070   | 0.070   | 0.070   | 0.070   |
| SENIOR SECRETARY               | -       | -       | -       | 0.200   |
| ADMINISTRATIVE ASSISTANT       | -       | -       | -       | 0.200   |
| SR ADMINISTRATIVE ASSISTANT    | -       | -       | -       | 0.200   |
| ACCOUNT CLERK                  | -       | -       | -       | 0.600   |
| SENIOR ACCOUNT CLERK           | -       | -       | -       | 0.200   |
| CCTV TECHNICIAN                | 1.000   | 1.000   | 1.000   | 1.000   |
| DIVISION DIR OF SANITATION     | 0.300   | 0.300   | 0.300   | 0.300   |
| Total                          | 13.610  | 14.680  | 14.795  | 16.580  |

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.

|                      | FY 2019<br>Actual | FY 2020<br>Actual | FY 2021<br>Adopted | FY 2022<br>Adopted | Increase/<br>(Decrease) |
|----------------------|-------------------|-------------------|--------------------|--------------------|-------------------------|
| <b>Expenditures:</b> |                   |                   |                    |                    |                         |
| Debt Service         | \$ 615,453        | \$ 469,155        | \$ 195,140         | \$ 215,040         | \$ 19,900               |
| Totals               | \$ 615,453        | \$ 469,155        | \$ 195,140         | \$ 215,040         | \$ 19,900               |

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

|                      | FY 2019<br>Actual | FY 2020<br>Actual | FY 2021<br>Adopted | FY 2022<br>Adopted | Increase/<br>(Decrease) |
|----------------------|-------------------|-------------------|--------------------|--------------------|-------------------------|
| <b>Expenditures:</b> |                   |                   |                    |                    |                         |
| Debt Service         | \$ 422,971        | \$ 173,111        | \$ 138,200         | \$ 147,690         | \$ 9,490                |
| Totals               | \$ 422,971        | \$ 173,111        | \$ 138,200         | \$ 147,690         | \$ 9,490                |

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 20 million gallons per day facility built in the early 1970s. Due to a loss of major industrial customers through closures of tobacco and textile facilities, the plant is currently treating only 8.3 million gallons per day. The Southside Plant functions as a pumping station and storage facility for waste sludge biosolids.

The capital-funding request for FY2020 is for two RAS pumps at the Northside Wastewater Plant and a motor control center for the Airside Lift Station. The motor control center at Airside controls the wastewater pumps at that lift station that serves Nestle and Litehouse. The two RAS pumps requested are the last of six to be replaced at the Northside plant. They will be more reliable and operate more efficiently.

|                     | FY 2019<br>Actual | FY 2020 FY 2021<br>Actual Adopted |              | FY 2022<br>Adopted | Increase/<br>(Decrease) |
|---------------------|-------------------|-----------------------------------|--------------|--------------------|-------------------------|
| Expenditures:       |                   |                                   | •            | •                  |                         |
| Personnel Services  | \$ 18,638         | \$ 69,224                         | \$ 72,520    | \$ 71,950          | \$ (570)                |
| Employee Benefits   | 2,515             | 8,204                             | 8,970        | 10,270             | 1,300                   |
| Purchased Services  | 2,193,905         | 2,374,394                         | 2,560,900    | 3,189,700          | 628,800                 |
| Internal Service    | 540,648           | 547,451                           | 522,000      | 522,000            | -                       |
| Other Operating Exp | 93,456            | 92,507                            | 110,030      | 107,100            | (2,930)                 |
| Cost Allocation     | 397,831           | 493,436                           | 505,270      | 526,370            | 21,100                  |
| Capital Outlay      | 4,190             | 9,989                             | 50,000       | 50,000             | -                       |
| Depreciation        | 1,138,957         | 1,112,000                         | 1,173,040    | 1,073,030          | (100,010)               |
| Debt Service        | 73,407            | 59,662                            | 52,870       | 46,200             | (6,670)                 |
| Transfer Out        | 693,760           | 705,760                           | 705,760      | 830,760            | 125,000                 |
| Totals              | \$ 5,157,307      | \$ 5,472,627                      | \$ 5,761,360 | \$ 6,427,380       | \$ 666,020              |

## 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.

|                                | FY 2019 | FY 2020 | FY 2021 | FY 2022 |
|--------------------------------|---------|---------|---------|---------|
| Position Title                 | FTEs    | FTEs    | FTEs    | FTEs    |
| SENIOR SECRETARY               | 0.500   | 0.500   | 0.500   | 0.500   |
| DIVISION DIR WTR/WSTWTR TRTMNT | 0.500   | 0.500   | 0.500   | 0.500   |
| Total                          | 1.000   | 1.000   | 1.000   | 1.000   |

 Project Title:
 Sewer Line Reconstruction
 Department:
 Public Works

 Project No:
 60041
 Division:
 Sanitation

 Section:
 N/A

#### Description:

This project is the reconstruction 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. It is anticipated that the inflow and infiltration into the system will be re-evaluated in FY 2023.

#### Justification:

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.

#### Comments:

Study: October 2018 Sewer System Inflow and Infiltration Evaluation Report

| Funding               | FY 2022 | FY 2023 | FY 2024 | FY 2025 | FY 2026 | Total     |
|-----------------------|---------|---------|---------|---------|---------|-----------|
| Utility Revenues      | 300,000 | 300,000 | 300,000 | 300,000 | 300,000 | 1,500,000 |
|                       |         |         |         |         |         |           |
| Total Funding Sources | 300,000 | 300,000 | 300,000 | 300,000 | 300,000 | 1,500,000 |

| FY 2022 | Repairs to existing sanitary sewers. |
|---------|--------------------------------------|
| FY 2023 | Repairs to existing sanitary sewers. |
| FY 2024 | Repairs to existing sanitary sewers. |
| FY 2025 | Repairs to existing sanitary sewers. |
| FY 2026 | Repairs to existing sanitary sewers. |

 Project Title:
 New Sewer Lines/Inflow & Infiltration Reduction
 Department:
 Public Works

 Project No:
 60048
 Division:
 Sanitation

Section: N/A

#### 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.

#### Justification:

Requests from property owners for sanitary sewer extensions are funded by this project. Increased sewer availability is provided and also reduction in sewer inflow and infiltration.

#### Comments:

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

| Funding               | FY 2022 | FY 2023 | FY 2024 | FY 2025 | FY 2026 | Total     |
|-----------------------|---------|---------|---------|---------|---------|-----------|
| Utility Revenues      | 250,000 | 250,000 | 250,000 | 250,000 | 250,000 | 1,250,000 |
|                       |         |         |         |         |         |           |
| Total Funding Sources | 250,000 | 250,000 | 250,000 | 250,000 | 250,000 | 1,250,000 |

| FY 2022 | Design and construct sewer line extension as petitioned / I & I reduction. |
|---------|--|
| FY 2023 | Design and construct sewer line extension as petitioned / I & I reduction. |
| FY 2024 | Design and construct sewer line extension as petitioned / I & I reduction. |
| FY 2025 | Design and construct sewer line extension as petitioned / I & I reduction. |
| FY 2026 | Design and construct sewer line extension as petitioned / I & I reduction. |

 Project Title:
 Fall Creek Sewer Reconstruction
 Department:
 Public Works

 Project No:
 TBD
 Division:
 Sanitation

 Section:
 N/A

#### Description:

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

#### Justification:

The Fall Creek Sanitary Sewer Reconstruction & Rehabilitation project will increase 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.

#### Comments:

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

| Funding                 | Prior Years | FY 2022   | FY 2023   | FY 2024 | FY 2025 | FY 2026 | Total     |
|-------------------------|-------------|-----------|-----------|---------|---------|---------|-----------|
| Wastewater Fund Balance |             | 2,000,000 | 1,000,000 |         |         |         | 3,000,000 |
|                         |             |           |           |         |         |         |           |
| Total Funding Sources   |             | 2,000,000 | 1,000,000 | -       |         | -       | 3,000,000 |

| FY 2022 | Evaluate and Rehabilitate/ Reconstruct sanitary sewer lines. |
|---------|--|
| FY 2023 | Evaluate and Rehabilitate/ Reconstruct sanitary sewer lines. |
| FY 2024 | N/A  |
| FY 2025 | N/A  |
| FY 2026 | N/A  |

Project Title:Apple Branch Sewer Line ReplacementDepartment:Public WorksProject No:TBDDivision:SanitationSection:N/A

#### Description:

This project is to reconstruct 4,700 feet of 12-inch sewer line which is in need of replacement. It is located on the Apple Branch stream from Guilford Street to Orchard Drive.

#### Justification:

The Apple Branch Sewer Reconstruction will increase sewer capacity and reduce infiltration of groundwater. The City is reconstructing old inadequate sewer main interceptors.

#### Comments:

Study: October 2018 Sewer System Inflow and Infiltration Evaluation Report

| Funding               | FY 2022   | FY 2023 | FY 2024 | FY 2025 | FY 2026 | Total     |
|-----------------------|-----------|---------|---------|---------|---------|-----------|
| Utility Revenues      | 1,000,000 | -       | -       | -       | -       | 1,000,000 |
|                       |           |         |         |         |         |           |
| Total Funding Sources | 1,000,000 | -       | -       | -       | -       | 1,000,000 |

| FY 2022 | Reconstruct sanitary sewer lines. |
|---------|-----------------------------------|
| FY 2023 | N/A                               |
| FY 2024 | N/A                               |
| FY 2025 | N/A                               |
| FY 2026 | N/A                               |

Project Title:Tributary Lines to Jackson Branch OutfallDepartment:Public WorksProject No:TBDDivision:SanitationSection:N/A

#### Description:

Investigate and rehabilitate/replace sanitary sewer tributary lines going to Jackson Branch Outfall.

#### Justification:

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

#### Comments:

| Funding                 | FY 2022 | FY 2023 | FY 2024 | FY 2025 | FY 2026 | Total   |
|-------------------------|---------|---------|---------|---------|---------|---------|
| Utility Revenues        | -       | -       | 800,000 | -       | -       | 800,000 |
| Wastewater Fund Balance |         |         |         |         |         | -       |
| Total Funding Sources   | -       | ,       | 800,000 | -       | 1       | 800,000 |

| FY 2022 | N/A   |
|---------|---|
| FY 2023 | N/A   |
| FY 2024 | Rehabilitate & reconstruct tributary lines as necessary |
| FY 2025 | N/A   |
| FY 2026 | N/A   |

Project Title:Tributary Lines to Sandy Creek OutrallDepartment:Public WorksProject No:TBDDivision:SanitationSection:N/A

Description:

Investigate and rehabilitate / reconstruct sanitary sewer tributary lines going to Sandy Creek Outfall.

#### Justification:

The 2018 Inflow and infiltration report indicated increased flows during significant rainfalls. Sandy Creek outfall was reconstructed in calendar year 2021.

#### Comments:

| Funding               | FY 2022 | FY 2023 | FY 2024 | FY 2025 | FY 2026 | Total   |
|-----------------------|---------|---------|---------|---------|---------|---------|
| Utility Revenues      | -       | ı       | -       | 800,000 | -       | 800,000 |
|                       |         |         |         |         |         |         |
| Total Funding Sources | -       | -       | -       | 800,000 | -       | 800,000 |

| FY 2022 | N/A   |
|---------|---|
| FY 2023 | N/A   |
| FY 2024 | N/A   |
| FY 2025 | Rehabilitate & Reconstruct tributary sanitary sewer lines as needed |
| FY 2026 | N/A   |

Project Title:Luna Lake Road SewersDepartment:Public WorksProject No:TBDDivision:SanitationSection:N/A

#### 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

#### Justification:

This City is extending sewer to serve additional areas which will increase sewer availability.

#### Comments:

Study: City's 1989 Sewer Needs Assessment Study.

| Funding               | FY 2022 | FY 2023 | FY 2024 | FY 2025 | FY 2026 | Total   |
|-----------------------|---------|---------|---------|---------|---------|---------|
| Utility Revenues      | •       | -       | ı       | •       | 800,000 | 800,000 |
|                       |         |         |         |         |         |         |
| Total Funding Sources | -       | -       | -       | -       | 800,000 | 800,000 |

| FY 2022 | N/A                                   |
|---------|---------------------------------------|
| FY 2023 | N/A                                   |
| FY 2024 | N/A                                   |
| FY 2025 | N/A                                   |
| FY 2026 | Construction of sanitary sewer lines. |