

# Wastewater Fund Highlights

## Revenue

Revenues are forecasted based upon the results of the 2019 biennial rate review which evaluated 2015 – 2017 statistics obtained from our customer information system and evaluation of FY 2019 realized revenue. Including the projected increase in gross revenue for FY 2021 of \$401,870, Charges for Services are within 4% of both Budget 2020 and Realized 2019 Charges for Services.

## Wastewater expenditures

**Treatment Plants:** Increase of \$37,930 for heat, light and air expense (53000) of \$31,920 and contractor fee of \$5,000.

**Public Works:** Increase of \$160,370 for an increase in wages and salaries due to reclassification of several Motor Equipment Operators to Heavy Equipment Operators and a new incentive program for CDL and pesticide license.

**Administration Services:** Decrease of \$7,870 due to a decrease in bond interest.

**Debt Service:** Reflects retirement of general obligation bonds in FY 2021

## Capital Expenses

### Regular Capital

SCADA Upgrades	\$50,000
Engineering for treatment modifications	\$20,000
Building repairs at Treatment Plant	\$25,000

### Projects

- We included \$3.6 million for CIPs from Public Works for the SOVA Megasite Sewer Improvement Project.
- The Wastewater Plant is requesting \$2 million in capital funding for fiscal 2021 to continue rehabilitation of the Northside Treatment facility.
- New Sewer Lines \$250,000 (Public Works)
- Sewer Line Reconstruction \$300,000 (Public Works)
- We expect to withdraw \$1.5 million from fund balance to fund the SOVA Megasite Sewer Improvement Project.

Adopted Budget - FY 2021

Wastewater

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

	Adopted Budget FY 2020	Adopted Budget FY 2021
<b>Estimated Revenue</b>		
Rev-Use Money/Property	118,540	118,200
Charges for Services	9,158,550	9,118,040
Miscellaneous Revenue	81,020	86,500
<b>Total Estimated Revenue</b>	<b>9,358,110</b>	<b>9,322,740</b>
<b>Operating Expenses</b>		
Administration Services	1,928,790	1,897,400
Treatment Plants	3,050,270	3,088,200
Sewer Capital Projects	1,350,000	4,150,000
Public Works	2,440,720	2,674,680
Capital Expenses	698,420	126,300
Capital Projects	0	0
<b>Total Operating Expenses</b>	<b>9,468,200</b>	<b>11,936,580</b>
Net Operating Income (Loss)	-110,090	-2,613,840
Add:		
Depreciation	2,115,000	2,145,750
Deduct:		
Debt Service Principal	727,290	333,340
Capital Expenditures from Current Operating Funds	0	0
Contribution to City's General Fund	705,760	705,760
<b>Contribution To(From) Retained Earnings</b>	<b>571,860</b>	<b>(1,507,190)</b>

**WASTEWATER FUND**

**ADOPTED BUDGET - CAPITAL & SPECIAL PROJECTS - FY 2021-2025**

<b>Project/Source</b>	<b>PL#</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>5 Yr Total</b>
<b>Public Works Sewers</b>							
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		-	800,000	-	-	-	800,000
SOVA Megasite Sewer Improvement		3,600,000	-	-	-	-	3,600,000
Fall Creek Sewer Reconstruction		-	-	800,000	800,000	-	1,600,000
Luna Lake Road Sewers		-	-	-	-	800,000	800,000
<b>Public Works Sewers Total</b>		<b>\$ 4,150,000</b>	<b>\$ 1,350,000</b>	<b>\$ 1,350,000</b>	<b>\$ 1,350,000</b>	<b>\$ 1,350,000</b>	<b>\$ 9,550,000</b>
<b>Total Projects:</b>		<b>\$ 4,150,000</b>	<b>\$ 1,350,000</b>	<b>\$ 1,350,000</b>	<b>\$ 1,350,000</b>	<b>\$ 1,350,000</b>	<b>\$ 9,550,000</b>
<b>Funding Source:</b>							
Utility Fund Revenues		\$ 2,642,810	\$ 1,350,000	\$ 1,350,000	\$ 1,350,000	\$ 1,350,000	\$ 8,042,810
Fund Balance		1,507,190	-	-	-	-	1,507,190
<b>Total Funding</b>		<b>\$ 4,150,000</b>	<b>\$ 1,350,000</b>	<b>\$ 1,350,000</b>	<b>\$ 1,350,000</b>	<b>\$ 1,350,000</b>	<b>\$ 9,550,000</b>

**WASTEWATER FUND  
ADOPTED BUDGET - CAPITAL & SPECIAL PROJECTS - FY 2021  
FUNDING SOURCES**

	Current Revenues	Fund Balance	Debt Financing	Grants/CIA	Other	Project Total
<i><u>Public Works Sewers</u></i>						
Sewer Line Reconstruction	\$ 300,000	\$ -	\$ -	\$ -	\$ -	\$ 300,000
New Sewer Lines/Inflow Infiltration Red	250,000					250,000
SOVA Megasite Sewer Line Improvement	2,092,810	1,507,190	-	-	-	3,600,000
<b>Total Water Distribution</b>	<b>\$ 2,642,810</b>	<b>\$ 1,507,190</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 4,150,000</b>
<b>Total Projects:</b>	<b>\$ 2,642,810</b>	<b>\$ 1,507,190</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 4,150,000</b>

(1) Reprogrammed Funds

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**

	<b>FY 2018 Actual</b>	<b>FY 2019 Actual</b>	<b>FY 2020 Adopted</b>	<b>FY 2021 Adopted</b>	<b>Increase/ (Decrease)</b>
<b>Revenues:</b>					
Rev-Use Money & Property	\$ 149,661	\$ 211,864	\$ 118,540	\$ 118,200	\$ (340)
Charges for Services	9,588,633	9,956,337	9,158,550	9,118,040	(40,510)
Miscellaneous Rev	64,537	101,120	81,020	86,500	5,480
<b>Totals</b>	<b>\$ 9,802,831</b>	<b>\$ 10,269,321</b>	<b>\$ 9,358,110</b>	<b>\$ 9,322,740</b>	<b>\$ (35,370)</b>

**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.

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

**Expenditures**

The increase in Capital Outlay reflects the addition of the SOVA Megasite Sewer Improvement Project.

	<b>FY 2018 Actual</b>	<b>FY 2019 Actual</b>	<b>FY 2020 Adopted</b>	<b>FY 2021 Adopted</b>	<b>Increase/ (Decrease)</b>
<b>Expenditures:</b>					
Personnel Services	\$ 503,036	\$ 479,038	\$ 570,290	\$ 711,320	\$ 141,030
Employee Benefits	81,123	84,375	85,250	98,040	12,790
Purchased Services	1,129,615	441,602	201,860	202,180	320
Internal Service	189,116	206,300	275,460	214,570	(60,890)
Other Operating Exp	101,423	275,154	112,690	116,350	3,660
Cost Allocation	140,990	183,080	226,750	280,430	53,680
Capital Outlay	899	451,037	110,000	110,000	-
Capital Projects	-	-	1,350,000	4,150,000	2,800,000
Depreciation	789,108	808,169	900,000	972,710	72,710
Debt Service	105,279	77,250	66,840	25,380	(41,460)
<b>Totals</b>	<b>\$ 3,040,589</b>	<b>\$ 3,006,005</b>	<b>\$ 3,899,140</b>	<b>\$ 6,880,980</b>	<b>\$ 2,981,840</b>

**Personnel**

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

<b>Position Title</b>	<b>FY 2019 FTEs</b>	<b>FY 2020 FTEs</b>	<b>FY 2021 FTEs</b>
SR PUBLIC WORKS GIS/CAD TECH	-	-	0.250
PUBLIC WORKS CHIEF ENGINEER	-	-	0.750
ASST DIR OF PUBLIC WRKS/CTY ENG	-	-	0.250
TRAINING & SAFETY MANAGER	0.070	0.070	0.075
PUBLIC SERVICE WORKER/OPERATOR	3.420	3.630	3.560
MOTOR EQUIPMENT OPERATOR I	2.560	3.490	1.420
MOTOR EQUIPMENT OPERATOR II	3.630	3.490	3.420
MOTOR EQUIPMENT OPERATOR III	0.210	0.280	1.070
HEAVY EQUIPMENT OPERATOR	-	-	0.280
CREW SUPERVISOR	1.210	1.210	1.140
GENERAL SUPERVISOR	1.140	1.140	1.140
DIVISION DIRECTOR OF STREETS	0.070	0.070	0.070
CCTV TECHNICIAN	1.000	1.000	1.000
DIVISION DIR OF SANITATION	0.300	0.300	0.300
BUSINESS ANALYST	-	-	0.070
<b>Total</b>	<b>13.610</b>	<b>14.680</b>	<b>13.545</b>

**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**

	<b>FY 2018 Actual</b>	<b>FY 2019 Actual</b>	<b>FY 2020 Adopted</b>	<b>FY 2021 Adopted</b>	<b>Increase/ (Decrease)</b>
<b>Expenditures:</b>					
Debt Service	\$ 588,463	\$ 615,453	\$ 540,300	\$ 195,140	\$ (345,160)
<b>Totals</b>	<b>\$ 588,463</b>	<b>\$ 615,453</b>	<b>\$ 540,300</b>	<b>\$ 195,140</b>	<b>\$ (345,160)</b>

**Description**

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

**Expenditures**

	<b>FY 2018 Actual</b>	<b>FY 2019 Actual</b>	<b>FY 2020 Adopted</b>	<b>FY 2021 Adopted</b>	<b>Increase/ (Decrease)</b>
<b>Expenditures:</b>					
Debt Service	\$ 556,724	\$ 422,971	\$ 186,990	\$ 138,200	\$ (48,790)
<b>Totals</b>	<b>\$ 556,724</b>	<b>\$ 422,971</b>	<b>\$ 186,990</b>	<b>\$ 138,200</b>	<b>\$ (48,790)</b>

## 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 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.

## Expenditures

	FY 2018 Actual	FY 2019 Actual	FY 2020 Adopted	FY 2021 Adopted	Increase/ (Decrease)
<b>Expenditures:</b>					
Personnel Services	\$ 18,051	\$ 18,638	\$ 66,830	\$ 72,520	\$ 5,690
Employee Benefits	2,472	2,515	10,310	8,970	(1,340)
Purchased Services	2,281,264	2,193,905	2,787,690	2,560,900	(226,790)
Internal Service	526,119	540,648	492,980	522,000	29,020
Other Operating Exp	82,305	93,456	109,850	110,030	180
Cost Allocation	451,855	397,831	491,120	505,270	14,150
Capital Outlay	-	4,190	235,000	50,000	(185,000)
Depreciation	1,189,054	1,138,957	1,215,000	1,173,040	(41,960)
Debt Service	89,332	73,407	60,280	52,870	(7,410)
Transfer Out	693,760	693,760	705,760	705,760	-
Contingency Approp	-	-	100,000	-	(100,000)
<b>Totals</b>	<b>\$ 5,334,212</b>	<b>\$ 5,157,307</b>	<b>\$ 6,274,820</b>	<b>\$ 5,761,360</b>	<b>\$ (513,460)</b>

**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.

<b>Position Title</b>	<b>FY 2019 FTEs</b>	<b>FY 2020 FTEs</b>	<b>FY 2021 FTEs</b>
SENIOR SECRETARY	0.500	0.500	0.500
DIVISION DIR WTR/WSTWTR TRTMNT	0.500	0.500	0.500
<b>Total</b>	<b>1.000</b>	<b>1.000</b>	<b>1.000</b>

**Description**

Wastewater Capital plans and budgets for the capital expenditures at the Wastewater Treatment Plant. There was not budget in FY 2018 nor any request for FY 2019.

**Expenditures**

	<b>FY 2018 Actual</b>	<b>FY 2019 Actual</b>	<b>FY 2020 Adopted</b>	<b>FY 2021 Adopted</b>	<b>Increase/ (Decrease)</b>
<b>Expenditures:</b>					
Purchased Services	\$ 2,891	\$ -	\$ -	\$ -	\$ -
<b>Totals</b>	<b>\$ 2,891</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>

**FY 2021 FIVE-YEAR CAPITAL & SPECIAL PROJECTS PLAN**

**PROJECT DESCRIPTION**

**Project Title:** Sewer Line Reconstruction  
**Project No:** 60041

**Department:** Public Works  
**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

<b>Funding</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>	<b>FY 2024</b>	<b>Total</b>
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

**Goals/Milestones:**

FY 2020	Repairs to existing sanitary sewers.
FY 2021	Repairs to existing sanitary sewers.
FY 2022	Repairs to existing sanitary sewers.
FY 2023	Repairs to existing sanitary sewers.
FY 2024	Repairs to existing sanitary sewers.

**FY 2021 FIVE-YEAR CAPITAL & SPECIAL PROJECTS PLAN**

**PROJECT DESCRIPTION**

**Project Title:** New Sewer Lines/Inflow & Infiltration Reduction  
**Project No:** 60048

**Department:** Public Works  
**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.

<b>Funding</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>	<b>FY 2024</b>	<b>Total</b>
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

**Goals/Milestones:**

FY 2020	Design and construct sewer line extension as petitioned / I & I reduction.
FY 2021	Design and construct sewer line extension as petitioned / I & I reduction.
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 2021 FIVE-YEAR CAPITAL & SPECIAL PROJECTS PLAN**  
**PROJECT DESCRIPTION**

**Project Title:** Apple Branch Sewer Line Replacement  
**Project No:** TBD

**Department:** Public Works  
**Division:** Sanitation  
**Section:** 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

<b>Funding</b>		<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>	<b>FY 2024</b>	<b>Total</b>
Utility Revenues		800,000	800,000	-	-	-	1,600,000
Total Funding Sources		800,000	800,000	-	-	-	1,600,000

**Goals/Milestones:**

FY 2020	Reconstruct sanitary sewer lines.
FY 2021	Reconstruct sanitary sewer lines.
FY 2022	N/A
FY 2023	N/A
FY 2024	N/A

**FY 2021 FIVE-YEAR CAPITAL & SPECIAL PROJECTS PLAN**

**PROJECT DESCRIPTION**

**Project Title:** SOVA Megasite Sewer Improvement  
**Project No:** TBD

**Department:** Public Works  
**Division:** Sanitation  
**Section:** N/A

**Description:**

Design and construct wastewater sewer lines in SOVA Megasite at Berry Hill Road. Project includes extending Trotters Creek gravity sewer and completing forcemain along Berry Hill Road.

**Justification:**

The City is providing wastewater service to Industrial Park for industry connection.

**Comments:**

Study: October 2018 Sewer System Inflow and Infiltration Evaluation Report

<b>Funding</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>	<b>FY 2024</b>	<b>Total</b>
Utility Revenues	2,092,810	-	-	-	-	2,092,810
Wastewater Fund Balance	1,507,190	-	-	-	-	1,507,190
Total Funding Sources	3,600,000	-	-	-	-	3,600,000

**Goals/Milestones:**

FY 2020	Construct sanitary sewer line in SOVA Megasite at Berry Hill Road.
FY 2021	N/A
FY 2022	N/A
FY 2023	N/A
FY 2024	N/A

**FY 2021 FIVE-YEAR CAPITAL & SPECIAL PROJECTS PLAN**  
**PROJECT DESCRIPTION**

**Project Title:** Fall Creek Sewer Reconstruction  
**Project No:** TBD

**Department:** Public Works  
**Division:** Sanitation  
**Section:** N/A

**Description:**

This project is for sewer reconstruction of Fall Creek sanitary sewers between the junction at Eagle Springs Road and Kentuck Road.

**Justification:**

The Fall Creek 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.

<b>Funding</b>	<b>Prior Years</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>	<b>FY 2024</b>	<b>Total</b>
Utility Revenues		-	-	800,000	800,000	-	1,600,000
Total Funding Sources		-	-	800,000	800,000	-	1,600,000

**Goals/Milestones:**

FY 2020	N/A
FY 2021	N/A
FY 2022	Reconstruct sanitary sewer lines
FY 2023	Reconstruct sanitary sewer lines
FY 2024	N/A

**FY 2021 FIVE-YEAR CAPITAL & SPECIAL PROJECTS PLAN**  
**PROJECT DESCRIPTION**

**Project Title:** Luna Lake Road Sewers  
**Project No:** TBD

**Department:** Public Works  
**Division:** Sanitation  
**Section:** 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.

<b>Funding</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>	<b>FY 2024</b>	<b>Total</b>
Utility Revenues	-	-	-	-	800,000	800,000
Total Funding Sources	-	-	-	-	800,000	800,000

**Goals/Milestones:**

FY 2020	N/A
FY 2021	N/A
FY 2022	N/A
FY 2023	N/A
FY 2024	Construction of sanitary sewer lines.

**FY 2021 FIVE-YEAR CAPITAL & SPECIAL PROJECTS PLAN**

**PROJECT DESCRIPTION**

**THIS PROJECT HAS BEEN ELIMINATED**

**Project Title:** Northside Plant Process Modifications Phase III  
**Project No:** 60911

**Department:** Utilities  
**Division:** Wastewater Treatment  
**Section:** N/A

**Description:**

Using current revenues and reprogrammed funds to add a digestion system to the Northside Wastewater Treatment Plant. This will allow the City to accept high BOD content waste that from large industrial companies and other areas. The digestion system will also be used in the daily plant processes to reduce the amount of treated sludge that is land applied.

**Justification:**

This project assists the City's economic development team in marketing to the food industry. We expect with the addition of the digestion system, that wastewater revenue will increase and to possibly save on electric costs at the plant. Staff believes that the additional revenue from tipping fees and power costs savings will pay for the plant in under ten years.

**Comments:**

<b>Funding</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>Total</b>
Utility Revenues	-	-	-	-	-	-
Reprogrammed Funds	-	-	-	-	-	-
Total Funding Sources	-	-	-	-	-	-

**Goals/Milestones:**

FY 2021	Installation of a digestion system at the Wastewater Treatment Plant
FY 2022	N/A
FY 2023	N/A
FY 2024	N/A
FY 2025	N/A