

City Council – Meeting Agenda September 3, 2024 – 5:30 P.M. – Foley City Hall

- 1. Call the meeting to order.
- 2. Pledge of Allegiance.
- 3. Approve the agenda.
- 4. Consent Agenda:
 - Approve minutes of August 20, 2024.
 - Approve minutes of August 27, 2024.
 - Approve payment of bills.
- 5. Wastewater Regionalization Project
 - Update on project & Pay Application Request #21.
 - Discuss & Approve Change Order #3.
- 6. St. Johns Area School Chris regarding Fence
- 7. Mayor's Comments & Open Forum
 - Discussion/Comments on 2025 Preliminary Budget
 - o 2025 Storm Sewer Projects
 - o Council Tablets 2025 or further out?
 - o Consider Adoption of Resolution #2024-20 Adopting Preliminary Levy.
- 8. Department Reports:
 - Police Department -Katie McMillin
 - o Discuss and Approve purchase of 2025 Dodge Durango.
 - City Attorney –Ashley Bukowski
 - City Engineer Jarod Griffith
 - Public Works/Fire Mark Pappenfus
 - o 2024 Pickleball/Tennis Court Rehab in Lion's Park
 - Administration Sarah Brunn
 - o Tier (Conservation) Rates Discussion
 - o Special meeting for Pantown Brewing liquor license September 13, 2024
- 9. Old Business
- 10. New Business
 - •
- 11. Mayor's Comments and 2nd Open Forum
- 12. Adjourn

CITY OF FOLEY, MINNESOTA CITY COUNCIL MEETING – August 20, 2024

The Foley City Council held their Budget Workshop meeting on Aug. 20, 2024, at 5:30 p.m. at Foley City Hall.

Members Present: Councilmembers Jeff Gondeck, Deb Mathiowetz, Jack Brosh, Gary Swanson, and Brandon Voit.

Members Absent: None

Mayor Jack Brosh presided and called the meeting to order at 5:30 p.m.

The pledge of allegiance was recited.

Motion by Swanson, seconded by Gondeck, to approve the agenda.

Motion carried, unanimous.

Motion by Gondeck, seconded by Mathiowetz, to approve the consent agenda.

• Approve minutes of Aug. 6, 2024.

Motion carried, unanimous.

Discussion on the 2025 Budget

Sarah Brunn, City Administrator, gave an overview and clarified that the franchise fees that will be collected beginning in 2025 are dedicated to street repairs/maintenance in the CIP. They are a 100% user pass-thru fee. They are a revenue line item and certain rules must be followed on how the funds can be used. Brunn also stated that the city is facing budget challenges due to no new tax capacity. Property values are going up but there hasn't been any growth. She reminded the council it is up to them to determine the priorities. Staff can make recommendations, but only the council can decide what money should be budgeted. The increases on the water/sewer side are being recommended to fund project, like the 2025 improvements and future water treatment. Staff hears complaints from residents that water/sewer bills are going up, but it's up to the council to decide on priorities. She reminded the council that the workshop is for the council and staff to come to a consensus and the next meeting there will be an option for the public to speak before the council adopts the preliminary levy.

City Investment Update

Monica Shaw, Accounting Technicians and Deputy Clerk, directed the council to their packets. She explained the last few years the city had seen decreases in investment funds, but this past year had been much better as some older investments were moved to CDs that offered a higher rate of return. The first half of the year investments showed a gain of \$78,000.

City Debt Update

Brunn gave an overview explaining how the city's debt had been combined to take advantage of lower interest rates. In order to pay for the new 2025 project, the city needs to levy an additional \$136,000 – starting in 2026. Brunn explained that with this debt and the wastewater project and potential future projects the city has added to its debt load considerably. Questions and discussion followed.

Voit asked in regards to the water treatment plant the council has talked about if the state would at some point require the city to treat the water. Mark Pappenfus, Directed of Public Works, said that the state may not require it.

Brunn explained that the biggest complaint staff gets from residents is the quality of the water. The water is safe to drink, but it can be cloudy/discolored at times. The water treatment plant project would address this issue. The state pressed the city more on the wastewater side. Voit asked if the water treatment project could be delayed. Brunn said it could. The city funded the wastewater project with over 50% grant. The treatment plant project is still in need of more grant funds. It takes a really long time to move a project forward. In the meantime, the city can continue to look for additional funding sources.

More questions followed with discussion turning to the city's current water supply and well capacity. Pappenfus confirmed the city has enough water. Brunn said that adding another well is a separate component from the water treatment project. If needed, the city could move forward with well #6 and do the water treatment plant later.

Operational Budget Overview

Brunn directed the council to review the updated budget numbers and asked what they would like to discuss first. Swanson asked to look at capital expenditures planned for 2025. Voit asked about future CIP projects.

Brunn explained the city will need to levy for those capital dollars. If the council makes changes to the CIP, then that could adjust those numbers. The city has to levy cash to fund those capital accounts. She also stated the city is not funding enough for CIP. The cost of equipment keeps going up.

Questions and discussion followed. Voit asked if the planned water tower reconditioning in 2024 was not going to happen. Pappenfus added that the tower is past due already. It's a little difficult on storage right now.

Discussion turned to the water/sewer fund. Brunn directed the council to the memo she provided that outlines staff concerns that water/sewer revenue is below target. Revenue is down partly due to two major commercial properties closing as well as the new winter sewer rates and also due to a wet season. The numbers in front of the council showed revenue year-to-date from a few days ago. Unclear if this trend will continue (weather component), but she recommended the council not ignore it. Brunn stated the city has spent considerable cash in the sewer fund. The council needs to be mindful of the situation as the city is still using engineer estimates on what the pumping fees will be to St. Cloud.

Discussion and questions followed with Voit stating it was prudent to raise rates a little every year. Brunn agreed stating that there were decades when the city didn't raise water/sewer rates when they should have. She recommended a 5% increase in sewer rates and 10% in water rates. This would raise the minimum to \$68.41 – no change in the storm sewer fee and assuming there would be no change in the MN Test Fee from the state. Brunn also clarified that the city only pays St. Cloud for the wastewater gallons that are sent. Currently, gallons are down considerably which did lower the projected operating expenditures. Brunn stated she expected to see a 4-5% increase from St. Cloud for next year. Questions and discussion continued.

Brunn stated she didn't need the council to answer on the fee schedule right away, but staff would like to have estimates. She explained a lot of cities use rates based on needs. A conservation rate or tier approach would charge residents more based on how much water they use. Higher users would be charged higher rates. Voit asked when water/sewer rates are finalized. Brunn confirmed it would be discussed in December at a Public hearing, but staff would like to know the council's thoughts now.

Shaw reminded the council that the preliminary levy could be lowered but could not be raised after the September meeting.

Voit expressed interest in seeing projected numbers for a tiered water rate from staff. Gondeck asked if it would be for residents and commercial. Brunn confirmed it could be used for both residents and commercial properties. She also stated that the current winter lock rate would be problematic if used for businesses. Voit agreed stating the winter lock was created more for families. It might be better to lock in the average from a period of a few months rather than a single month. More discussion followed on the winter sewer rate.

Brunn asked the council if they'd like to use the collected storm sewer fees to use on a future storm sewer project such as Mariah Drive or 13th Avenue. Pappenfus said he could get estimates. Discussion followed. Brunn stated she would add to next month's agenda so the council could talk through those items with the city engineer.

Gondeck asked if there was any timeline from the federal government on when the lead pipes needed to be replaced. Pappenfus confirmed the deadline was 2044. He also shared that Sauk Rapids had received funds to help with their replacement. He also suggested the city look at replacing pipes on the north side. Discussion continued.

Brunn stated that with current numbers the levy was at 7.6%. To lower it further, the council would need to make cuts in the general fund, equipment, CIP, or a line item. Discussion turned to fire truck equipment listed in the CIP. Shaw recommended changing the CIP dates so that equipment (fire trucks #5 and #1) could be held longer to stretch out their usage before replacement and reduce the annual amount.

Questions and discussion continued. Brunn shared she didn't have any information on what other cities are projected for the levies yet. She also stated the city doesn't have any new construction as of yet. New regulations from the state are costing more money. Insurance rates are going up.

Shaw added that staff had received the worker's compensation projections and they are not nearly as bad as the past couple years.

Discussion and questions followed regarding funds for the Façade Program, microphones for the council room, phone system upgrade, and tablets for the council to replace paper council packets. The city currently spends \$2,500 annually on paper printing costs. The website also needs to be updated with new ADA compliance regulations by 2027.

Chief Katie McMillin gave an overview on the current state of the squad cars. Both the 2019 and 2021 squads are going in for maintenance. The 2019 squad does not have air conditioning. Gondeck stated the 2019 squad needs to go. McMillin agreed and said she tries to replace squads after four years of service.

Discussion turned to potential park improvements including replacing/adding new skate park equipment, walking trail improvements and maintenance, and play structures. \$16,000 is budgeted for park improvements.

Pappenfus gave an overview of the cost to redo the tennis courts. Proposal would be for tennis and pickleball courts, new tennis net and pull system, and 5-year warranty for \$53,400. Similar to the school's courts. Proposal is good for 60 days so no decision needed tonight. The tennis court was built in 1982. Proposal includes one tennis court with movable pickleball on either end. Discussion and questions followed. Voit stated the Lion's Club might be interested in donating some funds. Brunn said she would add to the September meeting's agenda. Pappenfus also gave an overview of the recommended repairs to the Scout House. Public Works would complete the work. More discussion followed. Repairs would include windows and soffit and fascia. Pappenfus said the warming house could also use some work. Council agreed \$10,000 for Scout House maintenance and \$7,500 for warming house maintenance.

Discussion continued regarding other park maintenance and improvements including play structures. Mathiowetz and Voit expressed support for replacing the oldest play structure. Gondeck suggested asking residents what they would like to replace the old play structure. Brunn recommended if not funding entirely this year we could consider splitting the cost and setting aside \$25,000 in 2025 and another in \$25,000 in 2026 for the play structure as it would reduce the general fund by \$20,000. Levy currently stands at 5.1%.

Pappenfus expressed the need for a new ditch mowing tractor. The current tractor needs to be replaced as it's become too difficult to maintain. Discussion and questions followed. He also asked for the purchase of a second mower for \$40,000. One mower can't keep up with the work. Discussion continued on other equipment for Public Works. Discussion turned to street projects. Doing maintenance in between major road repairs helps to preserve the streets. Brunn said there may be possible funding source from the service fees the state recently imposed in July. More discussion followed.

Discussion turned to the fire hall parking lot overlay, roof, and equipment. Decision made to move the roof maintenance to 2027 and purchase new bombardier to 2026. Discussion followed on other Fire Fund items. Decision to add \$25,000 to the Fire Department.

Council agreed to add \$20,000 to replenish the Façade Grant Fund. Current levy stands at 4.71%.

Brunn stated that another variable for the budget would be the upcoming negotiations with the police union. Discussion and questions followed on Local Government Aid (LGA) from the state. The city has no control over any changes the state may decide.

The COLA stands at 3.5% across the board for employees. Health insurance has estimated increases at 10% the last two years, but typically less. Discussion followed on other local contributions the city makes to Foley Area Care, the Initiative Foundation, and the Cross Center.

Decision made to delay the decision on the possible purchase of tablets for the council to reduce paper printing costs – continue discussion at September meeting.

McMillin presented her research on the possibility of purchasing an electric squad car. Discussion followed. Council agreed it was not the right time to consider. McMillin stated she preferred the new squad be a Durango – lower price, better for tax payers. She will present her official recommendation at the next meeting. Council expressed that they were pleased with the work McMillin put into her report.

Brunn presented the fee schedule recommendations from staff including water/sewer rates, and \$30 fee for Crime Free course for rental property owners. She also recommended increasing flat stipend to \$100 for Planning Commission and Economic Development Authority (EDA) members.

A special meeting was scheduled for Aug. 27 at 5:30 p.m. for the council to review/approve the RFP for development services.

Brunn asked the council to approve the insurance renewal for tort limit.

Motion by Mathiowetz, seconded by Gondeck, to approve to not waive statutory tort limits and process insurance renewal.

Motion carried, unanimous.

Motion by Gondeck, seconded by Mathiowetz, to adjourn.

Motion carried, unanimous.

Meeting adjourned 7:53 p.m.

Sarah A. Brunn, Administrator (Minutes By: Sara Judson Brown, Administrative Assistant)

CITY OF FOLEY, MINNESOTA CITY COUNCIL MEETING – August 27, 2024

The Foley City Council held a special meeting on Aug. 27, 2024, at 5:30 p.m. at Foley City Hall.

Members Present: Councilmembers Jeff Gondeck, Deb Mathiowetz, Jack Brosh, and Gary Swanson.

Members Absent: Brandon Voit

Mayor Jack Brosh presided and called the meeting to order at 5:30 p.m.

The pledge of allegiance was recited.

Motion by Gondeck, seconded by Swanson, to approve the agenda.

Motion carried, unanimous.

Discussion/Approval of RFP for Development Services

Sarah Brunn, City Administrator, directed the council to their packet to review the RFP draft. The purpose is to discuss any changes they would like to make.

Ashely Bukowski, City Attorney, gave an overview to the council. The council had discussed at previous meetings the parcel south of town that the city owns. The council expressed they had wanted to market it as a residential subdivision for middle income homes that would be affordable to families. The RFP details background information on Foley and lists specific items the city would like to see from potential developers for when they submit plans. If the council approves tonight, the RFP will be posted on the city's website tomorrow and sent to potential developers. Any questions that come back from developers can be answered and posted on the website. Deadline for proposals is Nov. 1 at 4 p.m. Questions and discussion followed.

Gondeck and Mathiowetz expressed they were happy with the RFP. Brunn asked the council to clarify what type of housing they would like to see. Council agreed they wanted to see a mix of housing options – single and multi-family, townhomes, apartments (space being a consideration), 55+ housing for seniors...etc...

Discussion continued with Mark Pappenfus, Director of Public Works, adding he would like to avoid cul-de-sacs as they are difficult to plow and maintain. Additional questions were asked regarding lots that might back up to wetland areas. Bukowski confirmed that property owners would need to follow all city and state ordinances on wetlands.

Motion by Gondeck, seconded by Swanson, to approve the RFP for Developmental Services.

Motion carried, unanimous.

Other Business No other business.
Motion by Gondeck, seconded by Swanson, to adjourn.
Motion carried, unanimous.
Meeting adjourned 5:47 p.m.
Sarah A. Brunn, Administrator (Minutes By: Sara Judson Brown, Administrative Assistant)

	Payroli - 2024	
Gross Salaries - Bi-Weekly BFTPS	Payroll - 8/3/24	\$48,566.00
MN Dept of Revenue	Federal Withholding State Withholding	\$10,266.17 2523.80 *
State Treas. PERA	PERA	\$7,725.53
Nationwide	Deferred Comp	\$1,166.37
Pacific Life Ins Further	Roth IRA HSA Contribution	\$90.00
MN Dept of Human Services	Child Support Garnishments	\$1,296.14 \$329.48
Gross Salaries	Payroll - 8/17/24	\$41,021.77
EFTPS	Federal Withholding	\$8,496.48
MN Dept of Revenue	State Withholding	\$1,621.83
State Treas. PERA Nationwide	PERA Deferred Comp	\$7,315.80
Pacific Life Ins	Roth IRA	\$1,170.12 \$90.00
Further	HSA Contribution	\$1,296.14
MN Dept of Human Services LELS	Child Support Garnishments PD Union Dues	\$329.48
Already Paid 9/3/24	rb Union Dues	\$211.50
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AMY PETERSON	FD EQUIPMENT FIRE HOSE/COMPRESSOR ANUAL MA	\$3,055.91
ARROW BUILDING CENTER	ELECTION JUDGE	\$156.00
AUTO VALUE	LIONS PARK SHELTER MAINT & FACIA FD TRUCK CORD REEL	\$1,596.20
BENTON COUNTY ASSESSORS OFFICE	2025 ASSESSMENT 1ST PAYMENT	\$177.99
BENTON COUNTY ATTORNEY	7/24 LEGAL FEES	\$5,675.00 \$1,343.00
BENTON COUNTY HIGHWAY DEPT	7/24 PD FUEL	\$1,342.00 \$1,344.26
BILL BRONDER	ELECTION JUDGE	\$1,244.35 \$140.00
BOLTON & MENK	WASTE WATER EXPANSION	\$140.00 \$60.120.77
BRUCE LATTERELL	ELECTION JUDGE	\$60,120.77 \$156.00
CENTRAL MCGOWAN INC	FD & PD MEDICAL SUPPLIES	\$156.00 \$196.95
CINTAS CORPORATION	UNIFORMS	\$287.61
CITY OF ST. CLOUD	07/24 WW EXPAN ST CLOUD	\$16,654.13
CLOUDNET	08/24 SERVER FEE	\$10.00
COBORNS, INCORPORATED	08/24 CITY HALL/POOL/ CLEANING SUPPLIES & CONCE	\$183,49
DAVIDSON BUSINESS EQUIPMENT DSC COMMUNICATIONS	POOL REGISTER REPAIR	\$135.00
EAST CENTRAL ENERGY	FD PAGER REPAIR 08/24 UTILITIES	\$262.00 \$1,215.74
EVELYN KIRBY	9.75 @ \$16/HR	\$156.00
FIRST NATIONAL BANK OF OMAHA	08/24 CC INVOICES	\$1,117.34
FURTHER AND COME INC.	08/24 HSA ADMIN FEE	\$37.88
GEISLINGER AND SONS, INC. GRAINGER	WW EXPANSION PAY APP 21	\$173,948.91
HANDYMANS INC	SEWER GENERATOR CORD PW SHOP SUPPLIES	\$358.91 \$25.97
HAWKINS, INC.	WATER & POOL CHEMICALS	\$2,831.64
HEALTHPARTNERS	08/24 PD MEMBER & NON-MEMBER EAP DAT	\$21.00
HENRY EMBROIDERY	FD APPAREL	\$40.00
JR MASONRY & CONCRETE INC JR MASONRY & CONCRETE INC	BROADWAY AVE S CURB REPLACEMENT LANGE LIFT STATION DRIVEWAY	\$4,242.00 \$2,500.00
JR MASONRY & CONCRETE INC	WALKTRAIL HANDCAP RAMP REPLACEMENT	\$2,500.00 \$1,000.00
K&K TIRE & AUTO CENTER INC	2019 CHEV VEHICLE REPAIR	\$957.93
K&K TIRE & AUTO CENTER INC	2021 CHEV	\$833.57
K&K TIRE & AUTO CENTER INC	FD UNIT #8 FLOOR LINERS	\$224.00
KIRBY BUILT QUALITY PRODUCTS KM FIRE PUMP SPECIALISTS	TRAIL BENCH REPAIR ENGINE #5 MAINTENANCE	\$472.80
LEAGUE OF MN CITIES INS TRUST	2024 WORKMAN COMP/PROPERTY/CASUALTY PREM (\$1,433.57 \$75,966.00
MARCO INC	08/24 COPIER LEASE	\$290.61
MIMBACH FLEET SUPPLY	PW GRASS SEED	\$99.99
MN DEPT OF HEALTH	2024 3RD QTR CONNECTION FEE	\$2,201.00
MN POLLUTION CONTROL AGENCY MOMENTUM TRUCK GROUP	MPCA LICENSE RENEWAL - ROEHL	\$23.00
M-R SIGN CO INC	FD TANKER 4 MAINT PW STREET ADDRESS SIGNS	\$46.56 \$368.07
MTI DISTRIBUTING INC	TORO MOWER REPAIR	\$368.97 \$1,126.79
NEW FRONTIER SERVICES, LLC	WEBSITE SERVICES	\$50.0
REBECCA MCDOWELL	ELECTION JUDGE	\$140.00
RENGEL PRINTING RINKE-NOONAN	FD ENVELOPES	\$136.9
RINKE-NOONAN RINKE-NOONAN	2025 IMP -CSAH AGREEMENT LEGAL - CANNABIS	\$88.50 \$118.00
RINKE-NOONAN	LEGAL - CANNADIS LEGAL - XCEL FRANCHISE AGREEMENT	\$118.00 \$147.50
RINKE-NOONAN	LEGAL = COUNCIL TRAINING, LIQOUR VIOLATIONS, C/	\$3,569.5
RINKE-NOONAN	RENTAL LICENSE PROSECUTION	\$28.5
RINKE-NOONAN	SOUTHSIDE HOUSING	\$295.0
RMB ENVIRONMENTAL LABORATORIES ROSEANN LATTERELL	WATER & WASTEWATER ANALYSIS MONTHLY POND I ELECTION JUDGE	\$279.03 \$140.00
SANDY LATTERELL	ELECTION JUDGE ELECTION JUDGE	\$140.00 \$156.00
SHIFT TECHNOLOGIES, INC	07/24 ANTIVIRUS / GENERAL I.T/ OFFSITE	\$723.6
SHORT ELLIOT HENDRICKSON, INC	2025 STREET IMP	\$12,600.0
SHORT ELLIOT HENDRICKSON, INC SHORT ELLIOT HENDRICKSON, INC	SOUTHSIDE HOUSING	\$3,991.5
STAPLES	WTP -WATER TREATMENT PLANT FD/PD/OFFICE SUPPLIES & COPIER PAPER	\$13,050.0
STATE INDUSTRIAL PRODUCTS	PARK & STREET SUPPLIES	\$356.75 \$261.90
STEVE BARTELL	ELECTION JUDGE	\$335.7
SUN LIFE FINANCIAL	8/24 LTD INS	\$620.5
TRACY MILSTROH	REFUND OVERPAYMENT UTILITY INVOICE	\$60.6
TRITECH SOFTWARE SYSTEMS USABLE LIFE	TRITECH/LETG	\$5,596.6
USABLE LIFE UTILITY REFUNDS	9/24 LIFE INSUR UTILITY FUNDS REIMBURSEMENT	\$288.5 \$185.5
VERIZON	08/24 FD/PD/SWS - CELL PHONE	\$185.5 \$393.3
VOSS LIGHTING	POOL OUTDOOR LIGHT	\$313.8
WILLIAMS INTEGRACARE CLINIC	K LIND PHYSICAL	\$396.00
XCEL ENERGY	UTILITIES - 274 4TH AVE N	\$7,729.09
TOTAL		\$545,979.1
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Real People. Real Solutions.

2040 Highway 12 East Willmar, MN 56201-5818

> Ph: (320) 231-3956 Fax: (320) 231-9710 Bolton-Menk.com

8/27/2024

Sarah Brunn City Administrator City of Foley 251 4th Ave. N Foley, MN 56329

RE: Wastewater Regionalization Project

City of Foley, Minnesota Project No.: R21.120226

Dear Sarah,

Please find enclosed Payment Estimate No. 21 for the above referenced project. The estimate includes work completed through August 23rd. We have reviewed the estimate and recommend approval. If you agree, please sign and date three copies and return one with payment to Geislinger & Sons, Inc., one copy to me for our records, and retain one for yourself.

Please contact me if you have any questions.

Sincerely,

Bolton & Menk, Inc.

Jared Voge, P.E.
Principal Engineer

Contractor's Ap	plicatio	n for Paymer	nt				
Owner:	City of F	oley		0	wner's Project	No.	*
Engineer:	Bolton 8	& Menk, Inc.		Eng	ineer's Project	No.	: R21.120226
Contractor:	Geisling	er and Sons,	Inc.	Ag	ency's Project	No.	:
Project:	Wastew	ater Regiona	lization Project				
Contract:	Wastew	ater Regiona	lization Project		######################################	****	
Application N	lo.:	21	Applic	ation Date:	8/27/2024		
Application P	eriod:	From	7/31/2024	to	8/23/2024		
1. Orig	inal Con	tract Price				\$	16,548,705.51
2. Net	change !	oy Change Or	ders			\$	546,569.88
3. Curr	ent Con	tract Price (Li	ne 1 + Line 2)			\$	17,095,275.39
4. Tota	al Work o	ompleted an	d materials stored	to date			
(Sun	n of Colu	ımn G Lump :	Sum Total and Col	umn J Unit Price	e Total)	\$	16,258,981.71
5. Reta	ainage						
	5%		58,981.71 Work			\$	812,949.09
b.	5%	X \$	- Stored	d Materials		\$	
c.	Total Re	tainage (Line	5.a + Line 5.b)			\$ \$ \$	812,949.09
6. Amo	ount eligi	ible to date (Line 4 - Line 5.c)			\$	15,446,032.62
7. Less	previou	s payments				\$	15,272,083.71
8. Amo	ount due	this applicat	ion			\$	173,948.91
9. Bala	nce to fi	nish, includir	g retainage (Line :	3 - Line 4)		\$	836,293.68
Contractor's	Certifica	tion					
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Progress	Estimate - Unit Price Work									Contractor's Ap	plication for Pa	ıyment	
Owner:	City of Foley									Owner's Project No.:			
ngineer:	Balton & Menk, Inc.	· · · · · · · · · · · · · · · · · · ·								Engineer's Project	R21,12022	6	
ontractor:	Geislinger and Sons, Inc.	-		•						Agency's Project No.:		<u>. </u>	
roject:	Wastewater Regionalization Project												
Contract:	Wastewater Regionalization Project												
Application	No.: 21 Application Period:	From	07/31/24	to	08/23/24					Application Date:	08/27/24	,	
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1	MOBILIZATION	1.00	LUMP SUM	570,000.00	570,000.00	1.00	570,000.00	1.00	570,000.00		570,000.00	100%	-
	CLEARING AND GRUBBING		ACRE	31,000.00	52,700.00	3.60	111,600.00	3,60			111,600.00	212%	(58,900.0
	CLEARING AND GRUBBING	27.00	TREE	1,100.00	29,700.00	49.00	53,900.00	49.00	53,900.00		53,900.00	181%	(24,200.0
	DECOMMISSION BIRCH LIFT STATION		LUMP SUM	7,500.00	7,500.00	1.00	7,500.00	1.00			7,500.00	100%	
	SALVAGE AND REINSTALL SIGN	14.00	EACH	510.00	7,140.00	45,00	22,950.00	45,00	22,950.00		22,950.00	321%	{15,810.0
	SALVAGE AND REINSTALL PIPE CULVERT AGGREGATE SURFACING FROM STOCKPILE (CV)	252.00 4,164.00		20.00	5,040.00 87.444.00	523.00 225.00	10,460.00 4,725.00	523.00 225.00	10,460.00		10,460.00	208%	(5,420.0
	DEWATERING		LUMP SUM	0.01	87,444.00	1.00	4,725.00	1.00			4,725.00 0.01	100%	82,719.0
	GEOTEXTILE FABRIC, TYPE 5	8,053,00		2,00	16,106.00	14,149.00	28,298,00	14,149,00			28,298,00	176%	(12,192.0
	COMMON EXCAVATION (P)	4,082.00		15.00	61,230,00	4,082.00	61,230.00	4.082.00			61,230.00	100%	(12,192.0
	AGGREGATE SURFACING, CLASS 2 (CV)	908.00	CUYD	50.00	45,400.00	827.00	41,350.00	827.00			41,350.00	91%	4,050.0
	AGGREGATE SURFACING, CLASS 5 (CV)	1,519.00		40.00	60,760.00	1,257.30	50,292.00				50,292.00	83%	10,468.0
	AGGREGATE BASE, CLASS 5 (CV)	2,747.00	CU YD	35.00	96,145.00	3,068.56	107,399.60		107,399.60		107,399,60	112%	(11,254.6
	BITUMINOUS PATCH - DRIVEWAY	450.00		90.00	40,500.00	470.50	42,345.00		42,345.00		42,345,00	105%	(1,845.0
15	BITUMINOUS PATCH - STREET	796.00	SQYD	85.00	67,660.00	1,274.50	108,332.50	1,274.50	108,332.50		108,332,50	160%	(40,672.5
16	12" PIPE APRON		EACH	250.00	1,000.00	4.00	1,000.00	4.00			1,000.00	100%	-
	15" PIPE APRON		EACH	310.00	1,860.00	10.00	3,100.00	10.00	3,100,00		3,100.00	167%	(1,240.0
	18" PIPE APRON		EACH	375,00	1,500.00	<u> </u>		<u> </u>	-		-		1,500.0
	24" PIPE APRON		EACH	525.00	2,100.00	8.00	4,200.00	8.00	4,200.00		4,200.00	200%	(2,100.0
	30" PIPE APRON		EACH	950,00	950.00				-			Ĺ	950.0
	12" PIPE CULVERT		LIN FT	30.00	2,400.00	76.00	2,280.00				2,280.00	95%	120.0
	15" PIPE CULVERT	143.00	LIN FT	32.00 36.00	2,432.00 5,148.00	180.00	5,760.00	180.00	5,760.00		5,760.00	237%	(3,328.0
	18" PIPE CULVERT 24" PIPE CULVERT	282.00		45.00	12,690,00	494.00	22,230.00		22,230.00		22,230,00	175%	5,148.0
	30" PIPE CULVERT	20.00	LIN FT	65.00	1,300.00	454.00	22,230.00	494.00	22,230.00		22,230.00	1/57	1,300.0
	CONNECT TO EXISTING SANITARY MAIN		EACH	7,500.00	60,000.00	7.00	52,500.00	7.00	52,500.00		52,500,00	88%	
	8" SANITARY SEWER PIPE	221.00	LIN FT	125.00	27,625.00		16,625.00				16,625,00		
	12" SANITARY SEWER PIPE	1,995,00		135.00	269,325.00		255,420.00				255,420.00		
	15" SANITARY SEWER PIPE	285.00	LIN FT	140.00	39,900.00	298.00	41,720.00				41,720,00		(1,820.0
	18" SANITARY SEWER PIPE	40.00	LIN FT	165.00	6,600.00	75.00	12,375.00	75.00	12,375.00		12,375,00		(5,775.0
31	27" SANITARY SEWER PIPE		LIN FT	250.00	9,500.00	47.00	11,750.00				11,750.00	1249	(2,250,0
	FORCE MAIN (MIN. I.D. 11.65 INCHES)	70,839.00		100.00	7,083,900.00		7,102,400.00				7,102,400.00		
	24" CASING (MIN. DIAM)	374.00		250.00	93,500.00	354.00	88,500.00				88,500.00		
	TRENCHLESS FORCE MAIN - (MIN. I.D. 11.65 INCHES)	10,692.00		115.00	1,229,580.00		1,164,835.00			·	1,164,835.00		
	TRENCHLESS FORCE MAIN & CASING-SIMULTANEOUS PULL-	1,386.00		250,00	346,500,00	971.00	242,750.00			-	242,750.00	709	
	TRENCHLESS 30" CASING (DIRECTIONAL DRILL)	110.00		850.00	93,500.00		80,833.30			· · · · · · · · · · · · · · · · · · ·	80,833.30	869	
	GATE VALVE AND BOX	12,00	LUMP SUM	5,500.00	66,000.00 40,000.00		49,500.00				49,500,00		
	METERING & OUTFALL MANHOLES - FOLEY METERING MANHOLE - SAUK RAPIOS		LUMP SUM	45,000.00	45,000.00		45,000.00				45,000.00		
	CONSTRUCT 8" OUTSIDE DROP		LIN FT	650.00	2,795.00	4.30	2,795,00				2,795,00		
	CONSTRUCT SANITARY SEWER MANHOLE - DESIGN 4007 48"	178.00		550.00	97,900,00		94,561,50				94,561,50		
	CONSTRUCT SANITARY SEWER MANHOLE - 60" DESIGN		LIN FT	650.00	15,535.00						16,835.00		
	FIBERGLASS-REINFORCED MANHOLE		EACH	40,000.00			40,000,00				40,000.00		
	CASTING ASSEMBLY	14.00		1,000.00			13,000.00				13,000.00		
	AIR & VACUUM RELEASE MANHOLE	42.00	EACH	25,000.00			1,050,000.00				1,050,000,00		
	LOCATE EXISTING UTILITY	468.00	EACH	125.00	58,500.00		23,125,00	185,00	23,125,00		23,125,00		
	CONSTRUCT LIFT STATION - BROADWAY		LUMP SUM	350,000.00			350,000.00				350,000.00		6
	BROADWAY LIFT STATION ELECTRICAL, GENERATOR, &		LUMP SUM	125,000.00	125,000.00						125,000,00		
49	CONSTRUCT LIFT STATION - GOLF	1.00	LUMP SUM	400,000.00	400,000.00	1.00	400,000.00	1,00	400,000.00	1	400,000.00	1009	4

Owner:	City of Foley									Contractor's Ap			
Engineers	Bolton & Menk, Inc.									Owner's Project No.: Engineer's Project			
Contractor:	Geislinger and Sons, Inc.									Agency's Project No.:		26	
Project:	Wastewater Regionalization Project									Wench a brolect Mor:			
Contract:	Wastewater Regionalization Project									•			
Application N	lo.: 21 Application Period	i: From	07/31/24	to	08/23/24					Application Date:	08/27/2	4	
Α .	\$1.55 P. A. A. A. M. M. B. J. Ph. A. M. H. H. J. J. M.	C	D	STREET ST	State of French	F1	F2	G	н	F. 10 1 A T. 185		T. v.	4.5 1.50
	GRANTEN SALABATER DE LA LA LA SALA	1 1 3 1 1 1	Contract	Information	But the second	Previous	Estimate	Work C	ompleted	100000000000000000000000000000000000000		- 1	
14.0	[마루마바시작()호마리 = - 그	1000000	4.040.025	1 10 7.39	1000000	0.00 N.W. 1244	TOTAL SUPERS	Barry and Sy	North Parketon	医二角 特别的	Work Completed	% of	THE STANSON
26/20 L	되었다. 이번 경찰을 열리는 게임을 다고 있다.	4.300	10 m		100000			Estimated	Value of Work	14 St. 18 18 18 18 18 18 18 18 18 18 18 18 18		Value of	
L. 1. 7 1	그렇게 살게 하다면서 하다는 때문 모임				Value of Bid Item		1. Francisco (1971)	Quantity	Completed to Date	Materials Currently	Stored to Date	Item	Balance to Finish
Bid Item	가 이 이 하시나를 살아 들었습니다. 보다 그 나는	1200		Unit Price		Quantity Previous	Value Previous	incorporated in	(E X G)	Stored (not in G)	(H+I)	(J/F)	(F-J)
	Description DLF LIFT STATION ELECTRICAL, GENERATOR, & CONTROLS	Item Quantity	Units	(\$)	(\$)	Estimate	Estimate	the Work	(\$)	(\$)	(\$)	(%)	(\$)
	DISTRUCT LIFT STATION - MAIN	1,00	LUMP SUM	140,000.00	140,000.00	0.95	133,000.00	0.95	133,000.00		133,000.00	95%	
	AIN UFT STATION ELECTRICAL, GENERATOR, & CONTROLS		LUMP SUM	500,000.00	500,000.00	1,00	500,000.00	1.00	500,000.00		500,000.00	100%	
	FT STATION ALTERATIONS - LANGE	1.00		140,000.00	140,000,00	0.95	133,000.00	0.95	133,000.00		133,000.00	95%	7,000.00
	INGE LIFT STATION ELECTRICAL, GENERATOR, & CONTROLS		LUMP SUM	200,000.00	200,000.00	0.85	170,000.00	0.92	184,000.00		184,000.00	92%	16,000.00
	DISTRUCT ODOR CONTROL BUILDING		LUMP SUM	55,000.00	55,000.00	0.90	49,500.00	0.95	52,250.00		52,250.00	95%	2,750.00
	DOR CONTROL BUILDING ELECTRICAL & CONTROLS		LUMP SUM	600,000.00 50.000.00	600,000.00	1,00	600,000.00	1.00	600,000,00		600,000.00	100%	-
	JBLIC WORKS SCADA/ELECTRICAL & PROGRAMMING		LUMP SUM		50,000.00	0.85	42,500.00	0.85	42,500.00		42,500.00	85%	7,500.00
	HAIN UNK FENCE		LIN FT	51,000.00 50.00	51,000.00	1.00	51,000.00	1.00	51,000.00		51,000,00	100%	
	AFFIC CONTROL		LUMP SUM	50,000,00	21,350.00 50.000.00	427.00	21,350.00	427.00	21,350.00		21,350.00	100%	
	OSION AND SEDIMENT CONTROL		LUMP SUM	60,000,00	50,000.00	1,00	50,000.00	1.00	50,000.00		50,000,00	100%	
	PRAP, CLASS III	178.00		65.00	11,570.00	0.92 46.21	55,200.00	0.92	55,200.00		55,200.00	92%	
	ED 25-141, FERTILIZER, HYDRAULIC MATRIX	305,376.00		0.50	152.688.00	321,954,19	3,003,65 160,977,10	46,21	3,003.65		3,003.65	26%	
	ED 25-141, FERTILIZER, EROSION CONTROL BLANKET	54,312,00		2.50	135,780,00	24,343.04	60,857.60	323,459.49 24,343.04	161,729.75		161,729.75		(9,041.75
	ED 34-171	39,905.00		0.50	19.952.50	9,472,50	4,736.25	9,472.50	60,857.60		60,857.60		74,922.40
65 GE	NERAL CONSTRUCTION ALLOWANCE		ALLOWANCE	120,000.00	120,000,00	0.85	102,469,80	9,472.50	4,736.25 123.537.60		4,736.25	24%	15,216.25
66 CO	OMPUTER ALLOWANCE			10,000.00	10,000,00	0.78	7.823.20	0.78	7,823,20		123,537.60	103%	(3,537.60
67 ST.	. CLOUD FLOW METERING ALLOWANCE		ALLOWANCE	500,000.00	500,000,00	1.00	500,000.00	1.00	500.000.00		7,823.20	78%	2,176.80
68 UT	ILITY SERVICE ALLOWANCE	1.00	ALLOWANCE	400,000.00	400,000.00	0.46	182,408.00	0.46	182,408,00		500,000,00	100%	
A.1 JA	CK & AUGER 24" CASING (MIN DIAM) & FORCE MAIN	490.00	LIN FT	1,200.00	588,000.00	247.04	296,445.60	247.04	296,445,60		182,408.00	46%	217,592.00
		*	Origina	Contract Totals		2,47,04	\$ 15,702,748.10		\$ 15,741,318.56		296,445.60 \$15,741,318.56	50% 95%	

Owner:	City of Foley									Contractor's Ap			
Engineer:	Bolton & Menk, Inc.									Engineer's Project		96	
Contractor	Geislinger and Sons, Inc.									Agency's Project No.			
Project:	Wastewater Regionalization Project												
Contract:	Wastewater Regionalization Project									•			
Application	n No.: 21 Application Period:	From	07/31/24	to	08/23/24					Application Date	08/27/2	•	
A	Constitution of the second of	C	D	E	F	F1	F2	G	н	A reserved lives a	1 7 4 7 6	K	1
1 1 2 2		1,000	Contrac	t Information		Previous	Estimate	Work C	ompleted	er da Miliani.			
Bld Item				Unit Price	Value of Bld Item (C X E)	Quantity Previous	Value Previous	Incorporated in	Value of Work Completed to Date (E X G)	Materials Currently Stored (not in G)	Stored to Date (H+I)	Value of Item (3 / F)	Balance to Finisi (F - J)
No.	Description	Item Quantity	,	(\$)	(\$)	Estimate 1ge Orders	Estimate	the Work	(\$)	(\$)	(\$)	(%)	(\$)
Change Or		i i	T	I	Citat	ige cruers		ar as hearthan		<u> </u>			
	METERING & OUTFALL MANHOLES - FOLEY	1.00	LUMP SUM	(13,582.00)	(13,582,00)	1.00	(13,582.00)	1.00			(13,582.00)	100%	
39	METERING MANHOLE - SAUK RAPIDS		LUMP SUM	(17,982.80)		1,00	(17,982.80)	1.00	(17,982.80)		(17,982.80)		
67	ST. CLOUD FLOW METERING ALLOWANCE	1.00	ALLOWANCE	578,134.68	578,134.68	0,700	404,694.28	0,950	549,227.95		549,227,95	95%	
											-		
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	L	'	Ch	ange Order Totals	\$ 546,569.88		\$ 373,129,48	<u> </u>	\$ 517,663.15	\$ -	\$ 517,663,15	95%	\$ 28,906.7
					1		7. 273/113/40	l	V 917,003,13		1 2 217,003,13	1 95%	1 28,906.
200		agrand and				ct and Change Order	1 1 1 1 1 1 1 1 1 1 1	eron i ayansı	February 1 (1901)	SOFT FAMILY	84. K	77	
				Project Totals	\$ 17,095,275.39		\$ 16,075,877.58		\$ 16,258,981.71	\$ -	\$ 16,258,981,71	95%	\$ 836,293.

Stored Materi											actor's Applicati	on for Paymer
Owner:	City of Foley									Owner's Project No.:		
Engineer:	Bolton & Menk								En	gineer's Project No.;	R21,120226	
Contractor:	Geislinger and									Agency's Project No.:		
Project:		glonalization Proje										
Contract:	Wastewater Re	gionalization Proje	ect						•			
Application No.:	21			Application Period:	From	07/31/24	to	08/23/24	•		Application Date:	08/27/24
Α	В	C	D	E	F	G	H	1 1 1 1 1 A 19 1 A 1	1	K	L.	M
	Profession (153.44			Chart et 1		Materials Stored			Incorporated in Wor	k .	7: No. 11 3 7 1
			I to the First Herbita		Application		H-12 - 14 - 14 - 1	Park Alleria		1. Jan 1. 49 1. 1	Total Amount	Materials
Item No.	100	Submittal No.	Number of the Market		No. When	A CANADA		Entertain to the	Amount Previously		Incorporated in the	Remaining in
(Lump Sum Tab)		(with			Materials	Previous Amount	Amount Stored this	Amount Stored to	Incorporated in the		Work	Storage
or Bld Item No.	Supplier	Specification	Description of Materials or	Television of the	Placed in	Stored	Period	Date (G+H)	Work	Work this Period	(J+K)	(I-L)
(Unit Price Tab)	Involce No.	Section No.)	Equipment Stored	Storage Location	Storage	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)
32	Q955350	1 - 02535	Forcemain Pipe HDPE (9000 LF@\$36.5/FT)	Contractor secured site	1	328,500,00		328,500.00	328,500.00		328,500.00	
32	Q955352	1 - 02535	Forcemain Pipe HDPE (7200 LF@\$36.5/FT)	Contractor site	1	262,800.00		262,800,00	262,800.00		262,800.00	
35	Q899708	1 - 02535	Forcemain Trenchless (900 LF)	Contractor site	1	60,075.00		60,075.00	60,075.00		60,075,00	
32	Q700254	1 - 02535	Forcemain PVC	Contractor site	2	99,397.86		99,397,86	99,397.86		99,397,86	
35	Q700069	1 - 02535	Forcemain Trenchless - 16" FPVC	Contractor site	2	176,001,04		176,001.04	176,001.04		176,001.04	: .
32	Q700202	1 - 02535	Forcemain Pipe HDPE	Contractor site	2	352,726.88		352,726.88	352,726.88		352,726,88	
32	R108559	1 - 02535	Forcemain Pipe HDPE	Contractor site	2	352,726.88		352,726.88	352,726.88		352,726.88	
32	R100644	1 - 02535	Forcemain Pipe HDPE	Contractor site	2	211,636.13		211,636.13	211,636.13		211,636.13	-
32	R100672	1 - 02535	Forcemain Pipe HDPE	Contractor site	2	211,636.13		211,636.13	211,636.13		211,636,13	
32	R096653	1 - 02535	Forcemain Pipe HDPE	Contractor site	2	141,090.75		141,090.75	141,090.75		141,090.75	***
32	R115020	1 - 02535	Forcemain Pipe HDPE	Contractor site	2	141,090.75		141,090.75	141,090.75		141,090.75	
34	R108573	1 - 02535	Forcemain Pipe HDPE	Contractor site	2	211,636.13		211,636,13	211,636.13		211,636.13	
32	R320146	1 - 02535	Forcemain Components	Contractor Site	. 3	6,652.38		6,652,38			6,652.38	
32	R328247	1 - 02535	Forcemain Components	Contractor Site	3	2,746.37		2,746.37			2,746,37	
32	R382355	1 - 02535	Forcemain Components	Contractor Site	3	1,778.13		1,778.13	1,778.13		1,778.13	
32	R390082	1 - 02535	Forcemain Components	Contractor Site	3	1,717.17		1,717.17	1,717.17		1,717.17	
32	R392202	1 - 02535	Forcemain Components	Contractor Site	3	521.70		521.70			521.70	
32	R393786	1 - 02535	Forcemain Components	Contractor Site	3	1,496.55		1,496.55	1,496.55		1,496.55	
		33-02530	FRP Manhole	Manufacturers warehouse	6	25,419.00		25,419.00	25,419.00		25,419,00	
											•	
								-				
	L	l	L									
					Totals	\$ 2,589,648,85	s .	\$ 2,589,648.85	\$ 2,589,648.85	\$	\$ 2,589,648,85	¢ -

CHANGE ORDER NO.: 3

Owner:

City of Foley

Owner's Project No.:

Engineer:

Bolton & Menk, Inc.

Wastewater Regionalization Project

Engineer's Project No.:

R21.120226

Contractor:

Geislinger

Contractor's Project No.:

Project: Date Issued:

Contract Name:

8/28/2024

Effective Date of Change Order:

The Contract is modified as follows upon execution of this Change Order: Substantial and Final Completion Dates.

Description: Resulting from delivery of materials (control panels), and railroad mismanagement, and the need for additional system troubleshooting for proper operation, the project completion dates are being changed.

Attachments: Contractor Extension Request letter.

Change in Contract Times [State Contract Times as either a specific date or a

Change in Contract Price number of days] Original Contract Price: Original Contract Times: Substantial Completion: 9/1/2023 16,548,705.51 Ready for final payment: 11/1/2024 Increase from previously approved Change Orders No. Increase from previously approved Change Orders 1 to No. 2: No.1 to No. 2: Substantial Completion: 9/6/2024 546,569.88 Ready for final payment: 10/11/2024 Contract Price prior to this Change Order: Contract Times prior to this Change Order: Substantial Completion: 9/6/2024 17,095,275.39 Ready for final payment: 10/11/2024 Decrease this Change Order: Increase this Change Order: Substantial Completion: 10/25/2024 0.00 Ready for final payment: 12/20/2024 Contract Times with all approved Change Orders: Contract Price Incorporating this Change Order: **Substantial Completion:** 10/25/2024 17,095,275.39 Ready for final payment: 12/20/2024

	Recommended by Engineer (if required)	Accepted by Contractor
Ву:	41/1	Most gut
Title:	Principal Engineer	Project Many
Date:	8/27/2024	
	Authorized by Owner	Approved by Funding Agency (if applicable)
Ву:		
Title:		
Date:		

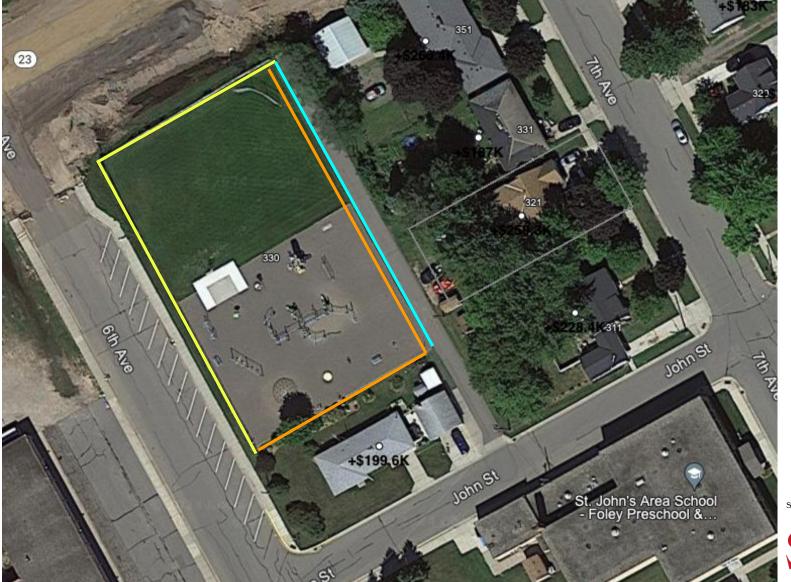
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St. John's Area School Playground Foley, MN

Request: To construct a 6 ft. chain link fence on the property line shared with the city alleyway.

- Move landscape timber 30 inches off of the alleyway (to the property line)
- Fence would be 35 inches off edge of current alleyway



Why construct a fence? To be licensed as a child care center through the State of MN Department of Human Services, play areas near traffic zones must be completely

Yellow Line: **Existing Fence**

enclosed.

Orange Line: Proposed Fence

Blue Line: Current edge of alley

ST. JOHN'S AREA SCHOOL





GEISLINGER AND SONS, INC.
General Contractors

511 Central Ave. S. PO 80x 437 Wałkins, MN 55389 Phone – 320.764.2006 Fax – 320.764.2007

August 27, 2024

Jared Voge, PE Principal Engineer Bolton & Menk, Inc.

RE: Foley Wastewater Regionalization Project

Jared,

Geislinger and Sons is requesting a project extension to the above-named project. We are asking that the project substantial completion date be changed from 9-1-24 to 10-25-24.

The project is being delayed due to the metering stations on the St. Cloud end. The control panels showed up July 8th. That day we worked with our sub and the railroad to schedule a railroad inspector, the railroad requires two weeks to schedule a Inspector. We scheduled the inspector for July 22nd, that day nobody from the railroad showed up. We called the railroad and found out they double booked the inspector and he was on the other project. From there we had to reschedule the railroad inspector, we scheduled them for July 31st. Our Subcontractor completed the underground work in the railroad on August 6th. Once that was completed, we schedule the controls and metering suppliers for the startup of the monitoring in the manholes. The physical install was completed August 21st after all the monitoring equipment was installed and the control panels were ready for startup. The monitoring system is requiring some corrections to the control panels talking to the flow monitoring equipment. The system cannot be started up until the metering stations on the St. Cloud end works properly. We have the startup scheduled for September 16th; we are requesting a later completion date to ensure proper communication programming for all system components. We are anticipating hydraulic trouble shooting, pump start and stop elevations, and other miscellaneous items.

Geislinger and Sons will continue to work with the suppliers and subcontractors to complete the project in a timely matter.

Please let me know your thoughts on this request.

Respectfully,

Matt Geislinger

Matt Geislinger

Project Manager

CITY OF FOLEY COUNTY OF BENTON STATE OF MINNESOTA

RESOLUTION 2024-20

A RESOLUTION APPROVING A PROPOSED 2024 TAX LEVY, COLLECTABLE IN 2025

BE IT RESOLVED, by the City Council of the City of Foley, County of Benton, Minnesota, that the following sums of money are to be levied for the current year, collectable in 2025, upon the taxable property in the City of Foley, for the following purposes:

General Fund	\$ 1,621,598.00
Fire Department	125,400.00
Swimming Pool	56,080.00
2020 Refunding (2008 & 2011)	
Improvement Bond	252,000.00
2015 Improvement Bond	34,000.00
2018 Improvement Bond	184,208.00
EDA Fund	139,756.00
Total Budget	\$ 2,413,042.00
Less Local Gov't Aid	952,526.00
Total Levy	\$ 1,460,516.00

The City Clerk is hereby instructed to transmit a certified copy of this resolution to the County Auditor of Benton County, Minnesota.

Passed and adopted by unanimous vote of the Foley City Council, this 3rd day of September, 2024.

	Jack M. Brosh, Mayor	·
ATTEST:		
Sarah A. Brunn, Administrator		



City of Sartell, MN

Water, Sewer, and Storm Water Funds Financial Management Plan (Utility Study)

August 26, 2024



Northland Securities, Inc.
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Member FINRA and SIPC
Registered with SEC and MSRB

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Contents

CONTENTS

Letter of Transmittal

1.	Introduction and Summary	1
	Overview 1	
	Study Approach	
	Revenue Sufficiency	
	Rate Calculation	
	Figure 1.1 - Snapshot of Fees 4	
	Figure 1.2 - Snapshot of Fees, Annual % Increase	
	Organization of the Plan5	
	Table 1 - Water Fund Key Financial Summary Data 6	i
	Chart 1 - Water Fund Projected Ending Cash Position	•
	Charts 2, 3, 4, 5 - Water Fund - Key Financial Summary Data8	
	Table 2 - Sewer Fund Key Financial Summary Data9	l
	Chart 6- Sewer Fund Projected Ending Cash Position	l
	Charts 7, 8, 9, 10- Sewer Fund - Key Financial Summary Data	
	Table 3 - Storm Fund Key Financial Summary Data12	
	Chart 11- Storm Fund Projected Ending Cash Position	
	Charts 12, 13, 14, 15- Storm Water Fund - Key Financial Summary Data 14	•
	Charts 16, 17 - Low Volume Customer Water and Sewer Bill	
	Charts 18, 19 - Medium Volume Customer Water and Sewer Bill 16	
	Charts 20, 21 - High Volume Customer Water and Sewer Bill	
2	Best Practices and Comparisons	18
۷.	Overview	
	Water Conservation Elements and Rate Structures	
	Comparison to Other Minnesota Cities	
	Chart 22 - Low Volume Customer Comparison to Other Cities	
	Chart 23 - Medium Volume Customer Comparison to Other Cities	
	Chart 24 - High Volume Customer Comparison to Other Cities	
	- ·	
4.	Rate Structure	23
	Current Rate Structure	
	Evaluation of Funding Approach for Infrastructure	
	City Issued Bonds24	
	St. Cloud Issued Bonds (Allocation to City of Sartell)	
	Funding Depreciation24	
	Cash Balance Targets	
	Unrestricted Net Position Target	

Contents

5.	Capital Improvement Plan	26
	Overview	
	Capital Projects	
	Source of Funding for Capital Projects	
	Chart 25 - Water Fund - Annual Capital Project Costs	
	Chart 26 - Sewer Fund - Annual Capital Project Costs	
	Chart 27 - Storm Fund - Annual Capital Project Costs	
	Table 4 - Water Fund - Capital Improvement Plan	
	Table 5 - Sewer Fund - Capital Improvement Plan	
	Table 6 - Storm Fund - Capital Improvement Plan	
	Table 7 - Bonds Outstanding - Existing and Future Bonds	
	Chart 28 - Bonds Outstanding Payable from Utility Funds	
	Chart 29 - Annual Debt Service Payable from Utility Funds	
6.	Financial Plans	34
	Revenue Sufficiency	
	Key Assumptions	
	Water Fund	
	Table 8 - Pro Forma	
	Table 9 - Year End Cash Balances	
	Table 10 - Customers/Usage and Rates and Charges for Services Revenue	
	Sewer Fund	
	Table 11 - Pro Forma	
	Table 12 - Projected Year End Cash Balances	
	Table 13 - Customers/Usage and Rates and Charges for Services Revenue	
	Storm Fund	
	Table 14 - Pro Forma	
	Table 15 - Projected Year End Cash Balances	
	Table 16 - Customers/Usage and Rates and Charges for Services Revenue 51	
/.	Appendices	52
	Appendix A-1 - Example Bimonthly Utility Fees Payable by Residential Examples 53	
	Appendix A-2 - Example Bimonthly Utility Fees Payable by Residential Examples,	
	Annual % Change54	
	Appendix A-2 - Example Bimonthly Utility Fees Payable by Residential Examples,	
	Annual Dollar Change55	
	Appendix B - Fee Schedule56	
	Summary of Existing Debt - Business Type Activity Bonds	
	Summary of Planned New Debt - Business Type Activity Bonds	
	Summary of Existing and Planned New Debt - Business Type Activity Bonds 60	
	Capital Acquisition Included in the Study61	



August 26, 2024

Rob Voshell Finance Director City of Sartell 125 Pine Cone Road North Sartell, MN 55033

RE: Financial Management Plan for Water, Sewer, and Storm Funds

Dear Rob,

Northland is pleased to present the City of Sartell with a Financial Management Plan for the Water, Sewer, and Storm Water Funds (the "Plan"). The Plan provides the results of our analytical work and facilitation of the process to guide the city towards arriving at a conclusion on utility rate fee schedule for the next decade. The Plan provides options for revenue generation structure that is projected to be financially solvent, fair to end-users, economically competitive, and in proposed alignment with what we understand to be the city's overall philosophy on utility fees.

Sincerely,

NORTHLAND SECURITIES, INC.

Tammy Omdal

Managing Director

Jessica Green

Managing Director

150 South Fifth Street, Suite 3300, Minneapolis, MN 55402

Main: (612) 851-5900 / Direct: (612) 851-4964 / Email: tomdal@northlandsecurities.com

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INTRODUCTION AND SUMMARY

Overview

The Financial Management Plan for Water, Sewer, and Storm Water Funds (the "Plan") is intended to serve as a guide for financial management of the water, sewer, and storm systems of the city (the "Utility Funds") for the City of Sartell ("the City").

The objectives of the study for the Plan were as follows:

- Revenue Sufficiency develop and populate a forecasting model to determine the revenue needed to satisfy projected operating, capital improvements, and debt service while maintaining adequate reserves for future capital needs.
- Rate Calculation Review existing rate structures for the Utility Funds and develop and propose modifications to ensure that rates reflect accepted practices, fair and equitable distribution of costs, and promote conservation.

The Plan includes anticipated future capital improvements for the Utility Funds for 2025-2033 (the "CIP"). Estimates include future costs and timing of projects. While the specific timing is uncertain, awareness of the necessity of these future improvements is important when considering rates and level of reserves as presented in the Plan.

Study Approach

The following steps were taken as part of the study:

City provided information on historical customer activity, including reports on customer billings for 2022 and

2023. Northland relied on the data as presented by the city for projection of water use and volumes by tier and average number of billing units per year.

- City provided historical financial data along with current budget plans and CIP.
- Information provided by the City was organized, analyzed, and used to support the development of the Plan. Prior year data included in the Plan is reconciled with the city's audited financial statements.
- City staff offered input and feedback on assumptions for the study.

Revenue Sufficiency

The study evaluated the sufficiency of revenues to meet current and projected financial requirements for the Utility Funds over the next decade, and determined the rates necessary in each year of the projection period to provide sufficient revenues to meet objectives. For purposes of the Plan, the objectives included providing revenue sufficient to achieve year-end cash balances to cover the following purposes:

- Three-months of operating expense
- Following year debt service payments
- Following year capital acquisition (planned to be paid from cash)
- Reserves for future capital improvements

The city accounts for water, sewer, and storm services in the Water Fund, Sewer Fund, and the Storm Fund, respectively, reported as Enterprise Funds. Enterprise Funds are used to account for ongoing activities that are similar to businesses found in the private sector.

Introduction and Summary

The Enterprise Funds are considered self-supporting in that the services rendered by them are financed primarily through user charges. The costs of providing services such as capital costs, depreciation, and debt service are recovered with fees and charges, rather than with taxes or similar revenues.

The graphics and tables that follow provide a summary of key financial information for the Utility Funds, including the revenue sufficiency of the proposed rates to meet ending cash objectives.

Rate Calculation

The City has a two-part rate structure for the water and sewer services, comprised of both fixed and variable charges based on volume. A tier structure is recommended by generally accepted practices and is a practice followed by most cities in Minnesota. A two-part rate structure recovers a portion of system costs in a fixed charge, recognizing that the water and sewer services have certain fixed costs that are incurred year-round regardless of the level of water usage by customers. Storm services are billed based on a per customer basis.

It is estimated that approximately 70%-80% of the Water Fund and Storm Fund expenses, including depreciation, are fixed, and for the Sewer Fund it is approximately 55%. The fixed expenses for the Sewer Fund are lower because of the variable costs for collection and treatment system operated by St. Cloud Wastewater Treatment Facility (the "WWTF"). The City of St. Cloud owns and operates the WWTF. Treatment is shared contractually among the area cities including St. Cloud, St. Augusta, St. Joseph, Sartell, Sauk Rapids, and Waite Park.

Based on the results of the study, for usage or metered volume-based rates, the following is recommended:

- Maintain the structure for base rate charges with annual rate adjustments to cover the projected increases in fixed costs for services.
- Adopt a new tier structure for billing water usage to help promote water conservation and to be in compliance with requirements of the Minnesota Department of Natural Resources for water conservation.
- Establish rates at levels that provide appropriate cash reserves for future capital improvements that are not yet programmed in the CIP. The reserves should be maintained at a level that is consistent with the city's past experience for contingency and at a level that reflects uncertainty about cost and timing of future infrastructure needs, and the city's desire to limit the issuance of debt financing when feasible.

For water services, the Plan assumes the City adopts a new tier structure for billing water services beginning in 2025 and then 3.0%-5.0% annual increases for all water fees in future years.

For sewer services, the Plan assumes the City maintains its current structure for billing sewer services (base rate and one tier). The Plan proposes the bimonthly base charge increase from \$5.00 to \$10.00 beginning in 2025, then \$5.00 annual increase between 2026-2028, and then 3.0-4.0% annual increase in future years. The volume charge for sewer volume is proposed to increase by 15.0% annually between 2025-2028; and then approximately 3.0-4.0% annually in future years. The current fees (as adopted for 2024) are not sufficient to provide revenue to cover the combined operating costs, debt service, pay-go capital, and to provide adequate reserves or contingency for future capital improvement costs. Fee increases are proposed to ensure revenue sufficiency for the Sewer Fund.

Introduction and Summary

Introduction and Summary

For stormwater services the Plan proposes the current bimonthly fee for residential customers increase from \$16.00 to \$16.50 in 2025, and then increase by \$0.25 in years 2026-2027. For all other stormwater customers, including multi-family, commercial and industrial users, the plan assumes the current bimonthly fee per REU will set at 2.5X the residential rate (rounded). The City plans to evaluate how it calculates REUs for non-single family residential customers. Currently all customers regardless of classification or property characteristics are billed at one REU per customer.

Figures 1.1 and 1.2 on the next page provide a snapshot of the fees and the annual percent increase. The graphics and tables that then follow present the impact to an average residential customer at various levels of water use resulting from the proposed fees.

Figure 1.1 Snapshot of Fees (Not Inclusive of All Fees) Adopted and Proposed Fee Schedule for Service (Dollar Amounts) Fees are Charged on Bimonthly Basis

	2023	2024		Pr	oposed Fe	es	
	Adopted	Adopted	2025	2026	2026 2027		2029
Water Services							
Base Rate and State Testing Fee	6.62	6.62	7.62	7.87	8.02	8.22	8.42
Charges Based on Volume Bili	led (Fee Per	100 Cubic	Feet)				
All Volume	3.25	3.40					
0 - 6,000 Cu Ft	n/a	n/a	3.00	3.10	3.20	3.30	3.40
6,001 - 12,000 Cu Ft	n/a	n/a	3.60	3.70	3.80	3.90	4.00
12 000 + Cu Ft	n/a	n/a	4 65	4.80	4 90	5.00	5 20

Non-Resident Water Services

Base Rate and State Testing Fee	6.62	6.62	7.62	7.87	8.02	8.22	8.42			
Charges Based on Volume Billed (Fee Per 100 Cubic Feet)										
All Volume	3.25	3.40								
0 - 6,000 Cu Ft	n/a	n/a	3.00	3.10	3.20	3.30	3.40			
6,001 - 12,000 Cu Ft	n/a	n/a	3.60	3.70	3.80	3.90	4.00			
12,000 + Cu Ft	n/a	n/a	4.65	4.80	4.90	5.00	5.20			

Sewer Services

Base Rate	5.00	5.00	10.00	15.00	20.00	25.00	26.00			
Charges Based on Volume Billed (Fee Per 100 Cubic Feet)										
All Volume	6.10	6.50	7.50	8.60	9.90	11.40	11.90			

Storm Water Services

Charge Per Resident	15.50	16.00	16.50	16.75	17.00	17.00	17.00
Equivalency Factor	15.50	10.00	10.50	10.73	17.00	17.00	17.00

Figure 1.2 Snapshot of Fees (Not Inclusive of All Fees) Annual % Increase Adopted and Proposed Fee Schedule for Service (Dollar Amounts) Fees are Charged on Bimonthly Basis 2024 Proposed Fees

	Adopted	2025	2026	2027	2028	2029
Water Services						
Base Rate and State Testing	0.0%	15.1%	3,3%	1.9%	2.5%	2.4%
Fee	0.0%	13.170	3,3/6	1.7/0	2.3/0	Z. 4 /0
Charges Based on Volume Billed (Fee	e Per 100 Cubic	Feet)				
All Volume	4.6%	-100.0%	n/a	n/a	n/a	n/a
0 - 6,000 Cu Ft	n/a	n/a	3.3%	3.2%	3.1%	3.0%
6,001 - 12,000 Cu Ft	n/a	n/a	2.8%	2.7%	2.6%	2.6%
12,000 + Cu Ft	n/a	n/a	3.2%	2.1%	2.0%	4.0%

Non-Resident Water Services

Base Rate and State Testing Fee	0.0%	15.1%	3.3%	1.9%	2.5%	2.4%
Charges Based on Volume Billed (Fee Per	100 Cubic	Feet)				
All Volume	4.6%	-100.0%	n/a	n/a	n/a	n/a
0 - 6,000 Cu Ft	n/a	n/a	3.3%	3.2%	3.1%	3.0%
6,001 - 12,000 Cu Ft	n/a	n/a	2.8%	2.7%	2.6%	2.6%
12,000 + Cu Ft	n/a	n/a	3.2%	2.1%	2.0%	4.0%

Sewer Services

Base Rate	0.0%	100.0%	50.0%	33.3%	25.0%	4.0%				
Charges Based on Volume Billed (Fee Per 100 Cubic Feet)										
All Volume	6.6%	15.4%	14.7%	15.1%	15.2%	4.4%				

Storm Water Services

0101111 174101 001111000						
Charge Per Resident	3.2%	3.1%	1.5%	1.5%	0.0%	0.0%
Equivalency Factor	3.270	J.170	1,5/0	1.70	0.070	0.070

Note for Figure 1.1 and Figure 1.2: The "n/a" means not applicable.

Introduction and Summary

Organization of Plan

The Plan is organized into seven sections:

- Introduction and Summary provides information on the study approach, revenue sufficiency, and rate calculations.
- 2. <u>Best Practices and Comparisons</u> provides information on best practices and comparison to other cities.
- 3. <u>Rate Structure</u> provides information on current rate structure, evaluation of funding approach for infrastructure, and approach for funding depreciation.
- 4. <u>Capital Improvement Plan</u> provides information on the City's plans for maintaining and improving the utility systems. This includes estimates on project costs, timing, and sources of funds. Information on outstanding debt obligation and debt service of the Utility Funds is included in this section.
- 5. <u>Financial Plans</u> provides the financial plans for the Utility Funds. The financial plans include historical, current, and projected sources and uses of funds and estimated ending cash balances. Financial plans take into account capital improvement plans and proposed rates.
- 6. Appendices provides additional data.

Introduction and Summary

Introduction and Summary

Table 1 Water Fund Summary

Water Fund

water rund										
	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033
Revenues	3,651,000	4,185,253	4,348,912	4,484,192	4,623,958	4,819,632	5,018,856	5,220,875	5,425,749	5,634,411
Expenses	3,283,441	3,100,659	3,298,389	3,585,113	3,736,422	4,024,171	4,308,578	4,502,926	4,516,151	4,530,438
Revenue Over (Under) Expense	367,559	1,084,594	1,050,523	899,079	887,536	795,462	710,277	717,950	909,598	1,103,972
Projected Ending Cash by Purpose										
For future capital and unassigned	1,787,949	1,778,481	1,672,231	(31,946)	967,595	333,749	193,509	1,344,054	2,387,459	3,560,525
For planned capital	-	÷	-	2,584,231	43,084	2,096,134	2,367,507	-	-	_
For 3-months of operating cash	371,017	384,248	411,730	426,397	441,620	448,727	464,869	481,629	499,033	517,10
For following year debt service	1,253,836	1,474,236	1,667,679	1,919,344	1,636,766	1,659,115	2,404,691	2,366,727	2,359,236	2,365,840
Total Projected Ending Cash	3,412,802	3,636,964	3,751,640	4,898,027	3,089,065	4,537,725	5,430,576	4,192,410	5,245,729	6,443,471
Net Position Ending unrestricted net position As % of expense Net Revenues as % of Debt Service	2,348,416 72% 179%	3,723,079 120% 244%	4,988,259 151% 212%	6,087,182 170% 185%	4,428,735 119% 167%	5,727,915 142% 200%	5,121,291 119% 196%	3,633,656 81% 144%	4,687,511 104% 153%	5,885,79 130 159
Customers Average # of Customer Accounts Billed Per Quarter	5,257	5,334	5,413	5,493	5,574	5,656	5,740	5,825	5,911	5,99
Annual Volume Billed (1,000 of gallons)	870,591	875,637	880,758	885,955	891,230	896,583	902,015	907,528	913,123	918,80
Example Customer Residential Bill Amount for Water Service (12,000 cu ft per billing period)	47.42	47.22	48.67	50.02	51.42	52.82	54.22	55.62	57.02	58.42
\$ Change in Total Annual Billed % Change in Total Annual Billed		(0.20) -0.4%	1.45 3.1%	1.35 2.8%	1.40 2.8%	1.40 2.7%	1.40 2.7%	1.40 2.6%	1.40 2.5%	1.40 2.5
Notes:										

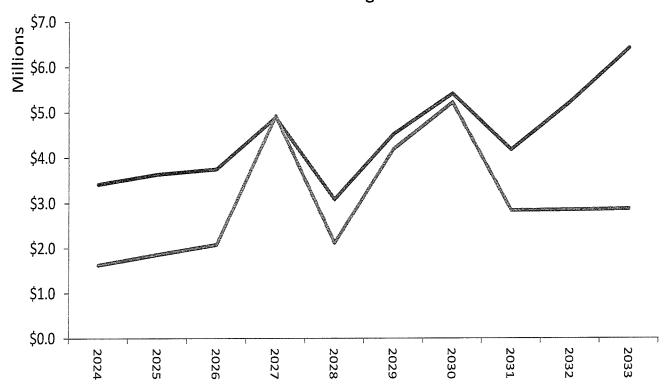
Notes:

^{1.} Expenses includes depreciation expense.

Chart 1 Water Fund

Projected Ending Cash Position is projected to be sufficient to meet policy objectives and to position City to accumulate cash for infrastructure improvements

- —Ending Cash Position with Rate Increases
- —Desired Minimum Ending Cash Position



Water Fund

Introduction and Summary

Chart 2 Water Fund Projected Ending Cash (Investments) by Designation

Cash is projected to be sufficient to meet minimum annual cash needs and to provide reserve for future capital improvements

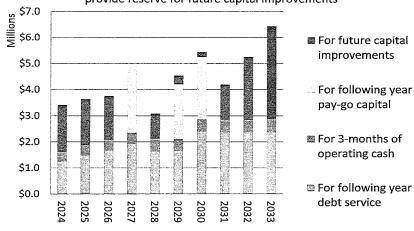


Chart 4

Water Fund

Revenue and Expense

Revenues are projected to cover expenses; a portion of revenues in excess of annual



Chart 3 Water Fund Ending Unrestricted Net Position

Ending unrestricted net position as % of expense is projected to be at or above a minimum target of 50%

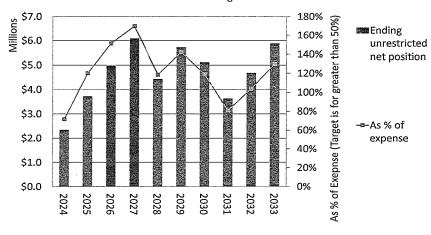
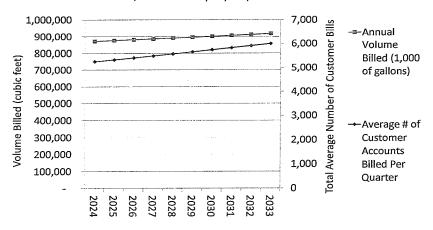


Chart 5 Water Fund Customers and Annual Water Volume Billed

Plan anticipates about 80 new customers added annually with average water volume of 65,000 cubic feet per year per customer



Introduction and Summary

Table 2 Sewer Fund Summary

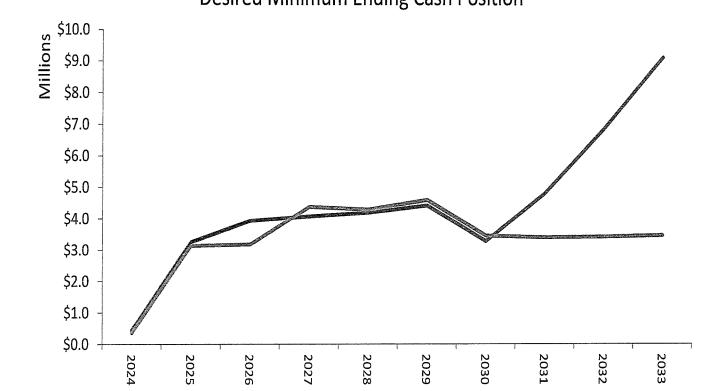
Sewer Fund

octro: runa										
	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033
Revenues	5,030,738	4,056,601	4,788,295	5,631,503	6,590,565	6,954,654	7,327,487	7,663,419	8,006,641	8,361,75
Expenses	4,287,280	4,800,855	5,123,863	5,903,886	6,324,877	6,399,522	6,368,107	6,453,798	6,551,661	6,655,605
Revenue Over (Under) Expense	743,458	(744,253)	(335,568)	(272,383)	265,688	555,132	959,380	1,209,621	1,454,980	1,706,147
Projected Ending Cash by Purpose										
For future capital and unassigned	75,162	124,357	746,060	(301,692)	(97,885)	(178,313)	(174,240)	1,390,583	3,419,755	5,650,306
For planned capital	(2,300,000)	-	-	191,337	57,964	-	-	-	-	_
For 3-months of operating cash	604,885	631,432	672,944	702,394	733,190	765,396	799,078	834,307	871,156	909,70
For following year debt service	2,055,100	2,507,870	2,514,074	3,479,482	3,499,180	3,828,727	2,659,492	2,571,007	2,554,824	2,556,800
Total Projected Ending Cash	435,148	3,263,659	3,933,078	4,071,522	4,192,449	4,415,810	3,284,331	4,795,898	6,845,735	9,116,813
Net Position										
Ending unrestricted net position	(169,852)	1,614,859	1,269,944	1,601,051	1,606,523	1,963,843	2,315,716	4,060,011	6,091,929	8,344,422
As % of expense	-4%	34%	25%	27%	25%	31%	36%	63%	93%	1259
Net Revenues as % of Debt Service	67%	60%	63%	75%	98%	151%	166%	175%	183%	1969
Customers										
Total Average Annual # of Customer Accounts Billed Per Quarter	5,222	5,299	5,378	5,458	5,538	5,620	5,704	5,788	5,874	5,961
Total Annual Volume Billed (1,000 of gallons)	456,440	461,464	466,563	471,738	476,990	482,320	487,729	493,219	498,791	504,445
Example Customer										
Residential Bill Amount for Sewer Service (12,000 cu ft per billing period)	83.00	100.00	118.20	138.80	161.80	168.80	175.80	181.70	187.60	193.60
\$ Change in Total Annual Billed		17.00	18.20	20.60	23.00	7.00	7.00	5.90	5.90	6.00
% Change in Total Annual Billed		20.5%	18.2%	17.4%	16.6%	4.3%	4.1%	3.4%	3.2%	3.29
Notes:										
 Expenses includes depreciation expense. 										

^{1.} Expenses includes depreciation expense.

Chart 6
Sewer Fund
Cash position is projected to meet planning objectives beginning in 2031

- —Ending Cash Position with Rate Increases
- —Desired Minimum Ending Cash Position

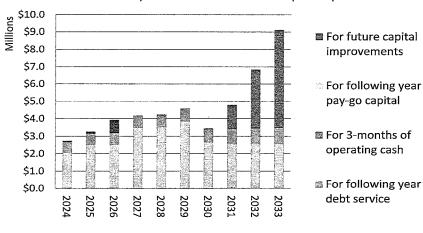


Sewer Fund

Introduction and Summary

Chart 7
Sewer Fund
Projected Ending Cash (Investments) by Designation

Beginning in 2031, cash is projected to be sufficient to meet minimum annual cash needs and to provide reserve for future capital improvements



Revenue and Expense

Revenues are projected to outpace expenses over the planning period to provide funds for capital improvements and reserves

Chart 9

Sewer Fund

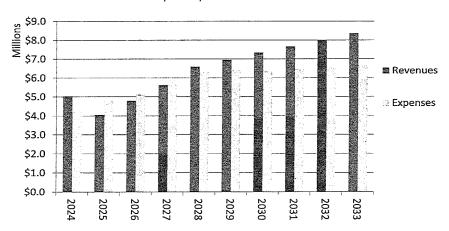


Chart 8
Sewer Fund
Ending Unrestricted Net Position

Ending unrestricted net position as % of expense is projected to be at or above a minimum target of 50% over the long-term with propose rate increases

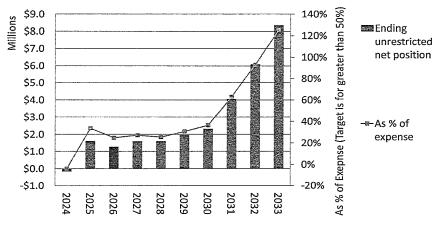
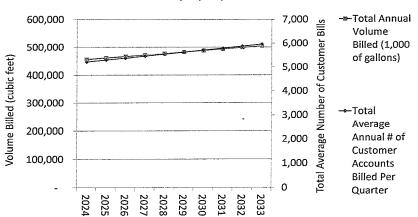


Chart 10 Sewer Fund Customers and Annual Water Volume Billed

Plan anticipates about 80 new customers added annually with average volume of 65,000 cubic feet per year per customer



Introduction and Summary

Table 3
Storm Water Fund
Summary

Storm Water Fund

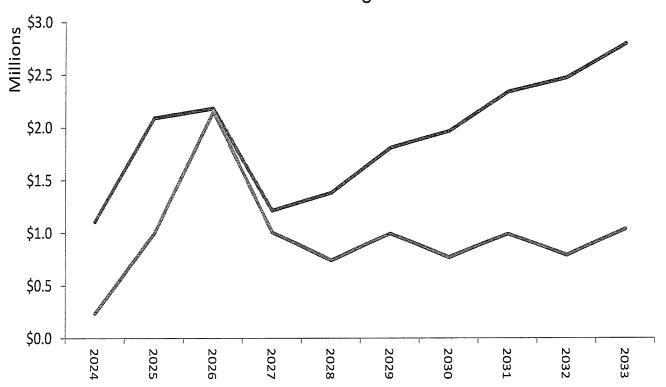
Jedini tracci i ana										
	2024	2025	2026	2027	2028	2029	2030	2031	2032	
Revenues	3,055,000	3,459,867	1,692,307	8,725,120	1,733,866	1,742,739	1,751,742	1,760,877	1,770,146	1
Expenses	1,286,297	1,313,325	1,458,924	1,794,335	1,832,381	1,848,582	1,870,300	1,887,684	1,910,188	1
Revenue Over (Under) Expense	1,768,703	2,146,542	233,383	6,930,785	(98,515)	(105,843)	(118,558)	(126,806)	(140,041)	_
Projected Ending Cash by Purpose										
For future capital and unassigned	873,468	1,098,151	25,248	206,931	645,953	816,941	1,203,024	1,353,177	1,693,674	1
For planned capital	15,500	719,638	1,548,279	337,653	69,556	316,424	79,942	304,025	91,334	
For 3-months of operating cash	135,992	140,771	165,729	171,473	177,428	183,601	190,003	196,641	203,525	
For following year debt service	83,625	132,350	442,450	498,589	492,699	496,375	499,391	491,948	494,047	
Total Projected Ending Cash	1,108,584	2,090,911	2,181,707	1,214,646	1,385,636	1,813,340	1,972,360	2,345,792	2,482,580	
Ending unrestricted net position As % of expense	691,650 54%	1,661,177 126%	1,738,799 119%	758,605 42%	915,639 50%	1,328,980 72%	1,473,214 79%	1,831,429 97%	1,952,553 102%	2
Net Revenues as % of Debt Service	106%	114%	31%	230%	27%	39%	40%	39%	38%	
Customers Total Average # of Residential Equivalent Units Billed Per Quarter	5,397	9,774	9,855	9,937	10,020	10,105	10,191	10,278	10,366	
Residential Customer Average Residential Bill for Service \$ Change in Total Annual Billed % Change in Total Annual Billed	16.00	16.50 0.50 3.1%	16.75 0.25 1.5%	17.00 0.25 1.5%	17.00 - 0.0%	17.00 - 0.0%	17.00 - 0.0%	17.00 - 0.0%	17.00 - 0.0%	
Notes: 1. Expenses includes depreciation expense.										

Expenses includes depreciation expense.

Chart 11 Storm Water Fund

Projected Ending Cash Position is projected to be sufficient to meet policy objectives over the planning period

- —Ending Cash Position with Rate Increases
- —Desired Minimum Ending Cash Position



Storm Water Fund

Introduction and Summary

Chart 12 Storm Water Fund Projected Ending Cash (Investments) by Designation

Cash is projected to be sufficient to meet minimum annual cash needs and to provide reserve for future capital improvements with proposed rate increases

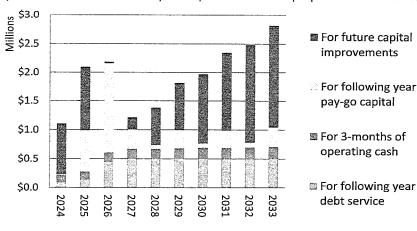
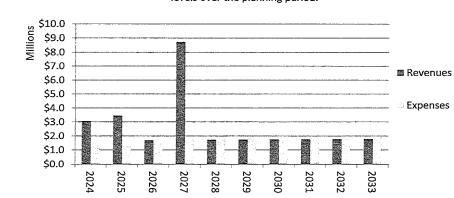


Chart 14 Storm Water Fund Revenue and Expense

Operating revenues and expenses, including depreciation, are expected to be at similar levels over the planning period.



Note: Revenues in 2024, 2025 and 2027 are higher than normal due to intergovernmental (grant) revenues.

Chart 13 Storm Water Fund Ending Unrestricted Net Position

Ending unrestricted net position as % of expense is projected to be at or above a minimum target of 50%, beginning in 2028, with the proposed rate increases in future years

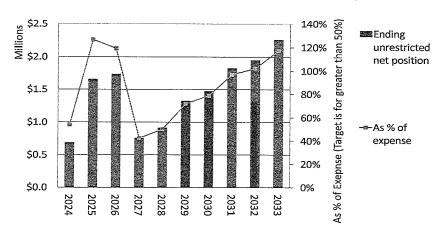
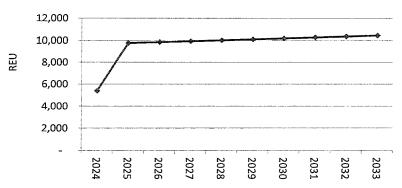


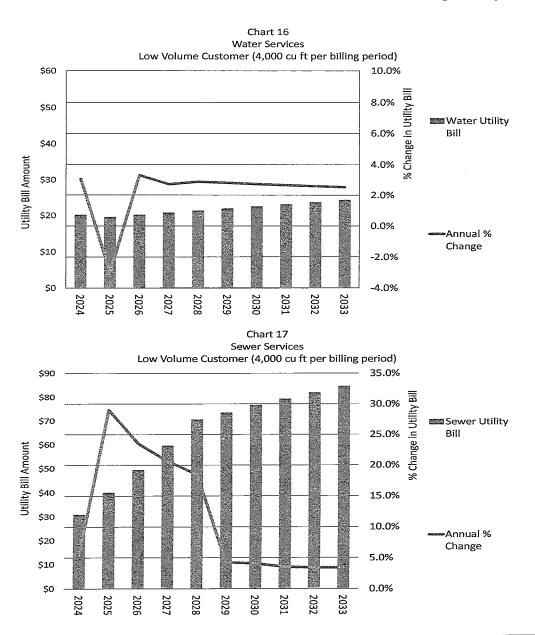
Chart 15 Storm Fund Residential Equivalent Units (REU) Billed

Plan anticipates about 80 new REU added per year

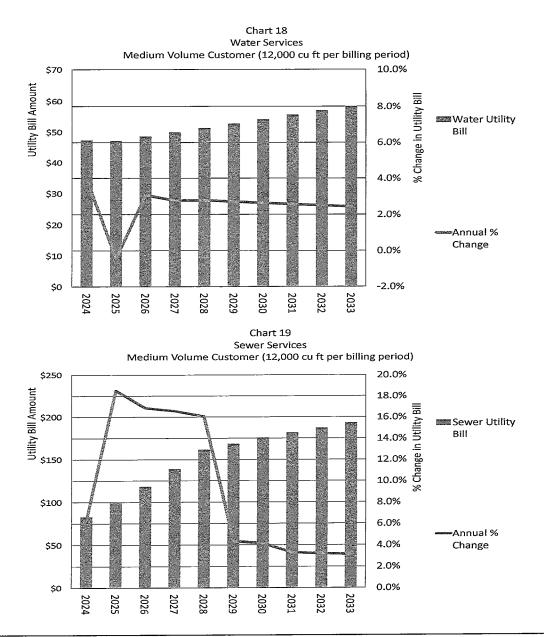


Note: Increase in REU from 2024 to 2025 is because the Plan makes an assumption for the increase in REU for non-single family residential property REU, this includes multi-family, commerical, industrial, and other property types. The City plans to study the REU for non-single family residential properties to determine REU to be assigned to each customer.

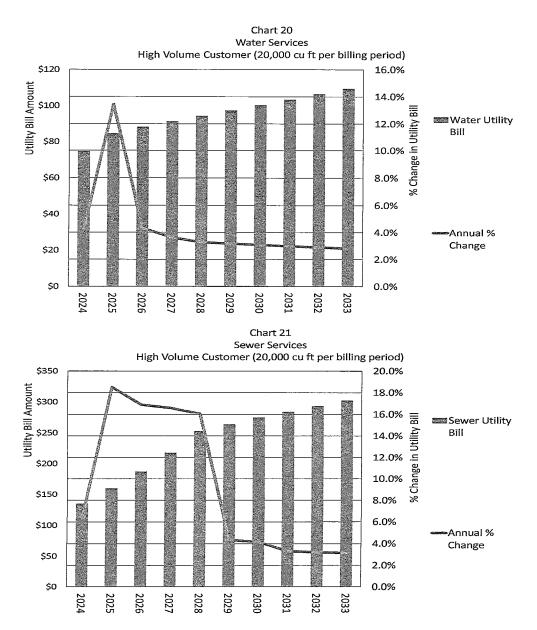
Low Volume Residential Customer Water and Sewer Billing Examples



Medium Volume Residential Customer Water and Sewer Billing Examples



High Volume Residential Customer Water and Sewer Billing Examples



Overview

This section provides information on best practices and comparisons to other cities, among other information.

Water Conservation Elements and Rate Structures
National studies support the finding that the utility rate level itself matters more than the rate structure. Rates that are kept too low do not adequately cover the cost of operation, future replacement, and infrastructure expansion. Rates kept too low in the short term provide inaccurate information to customers on the long term cost of service.

The setting of rates and rate structure needs to take into account both current and future needs for revenue. The rates and structure need to balance what are sometimes competing objectives. Those objectives may include:

- Providing a stable source of revenue, recognizing water usage can vary from year to year due to weather conditions and other factors, to cover both variable and fixed costs, both in the short term and long term.
- · Promoting water conservation.
- Providing for affordable and fair structure for charging for services.
- Balancing the decision to pay for capital infrastructure with cash versus debt recognizing that future customers will benefit from the improvements funded today.

Conservation measures include placing the lowest 10-20% of users in the first tier, the more average users of 20-30%

in the second tier, and the highest 20-30% and 10-20% of users in the third and fourth tiers, respectively.

Tiered rates should increase respective to the desire for water conservation. Some studies suggest that each tier should be increased by 10, 20, and 30%, while more aggressive rate structures may have each tier increasing by 20 to 50%.

In Minnesota, public water suppliers serving more than 1,000 people, large private water suppliers in designated Groundwater Management Areas, and all water suppliers in the Twin Cities metropolitan area are required to prepare and submit a water supply plan (WSP) to the Minnesota Department of Natural Resources. For water suppliers in the metropolitan area, the WSP helps local governmental units to fulfill their statutory requirements to complete a local comprehensive plan.

There are many ways to design rates. Research and studies suggest that utilizing a three-or-four tiered approach can promote reducing water usage and encouraging conservation.

Somes cities tend to recover significant amounts of fixed costs through volumetric rates, primarily for the purpose of promoting conservation. However, when drought-related water shortages over the past five years resulted in declining water sales, those cities may find themselves at greater risk of not recovering their fixed costs. To promote revenue stability its important to not shift fixed costs into volumetric rates.

The proposed rate structure included in the Plan for Sartell provides for a new tier structure for billing water volume to customers for the purpose of encouraging water conservation by employing water use demand reduction through charging fees that increase as water usage increases.

Best Practices and Comparisons

Comparison to Other Cities

As part of the study, water and sewer rate information for other cities was compiled and compared to Sartell. As shown in the charts that follow, the City of Sartell's combined water, sewer, and stormwater charges for utility customers tend to be lower compared to the other cities Sartell compares itself against.

For equivalent comparison purposes, the bill comparisons shown in the charts that follow are based on monthly equivalent bills. The actual billing cycles vary across cities.

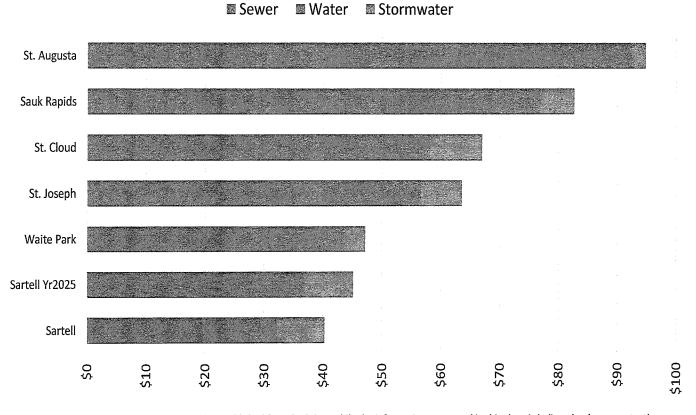
The rates used to calculate the monthly bills for the comparative cities comes from the published fees schedule for each of the cities available on respective city websites. Bill amounts are calculated based on published fee schedules. As a matter of disclaimer, while the information presented in this chart for the other cities is believed to be accurate, the interpretation of fee schedules for the other cities may not be correct and therefore the information presented for a comparative city may not be correct.

Best Practices and Comparisons

LOW VOLUME CUSTOMER COMPARISON

Chart 22 Comparison of Fees to Other Cities

Example 2,000 Gallons Monthly Volume - Residential
Estimated Based on Published Fees and Rates and Interpretation of Schedules for Year 2024.
Cities have different billing cycles. For comparison billing is shown as

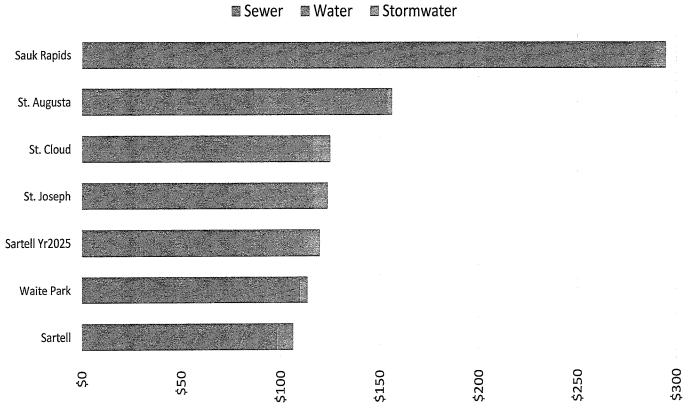


Disclaimer: Bill amounts are calculated based on published fee schedules. While the information presented in this chart is believed to be accurate, the interpretation of a city fee schedule may have not been correct and therefore the information presented for a city may not be correct.

MEDIUM VOLUME CUSTOMER COMPARISON

Chart 23
Comparison of Fees to Other Cities

Example 7,000 Gallons Monthly Volume - Residential
Estimated Based on Published Fees and Rates and Interpretation of Schedules for Year 2024.
Cities have different billing cycles. For comparison billing is shown as

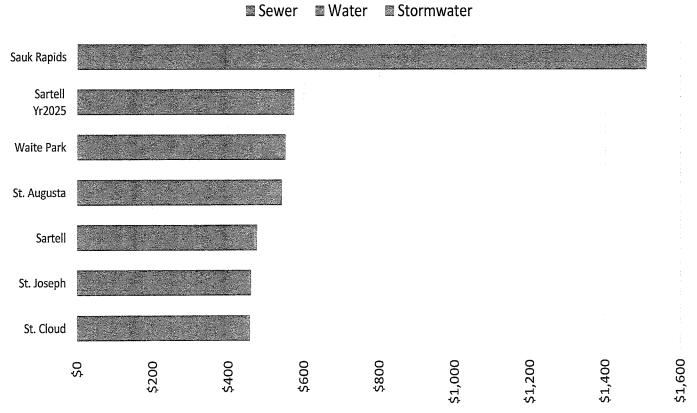


Disclaimer: Bill amounts are calculated based on published fee schedules. While the information presented in this chart is believed to be accurate, the interpretation of a city fee schedule may have not been correct and therefore the information presented for a city may not be correct.

HIGH VOLUME CUSTOMER COMPARISON

Chart 24
Comparison of Fees to Other Cities

35,000 Gallons Monthly Volume - Residential
Estimated Based on Published Fees and Rates and Interpretation of Schedules for Year 2024.
Cities have different billing cycles. For comparison billing is shown as monthly



Disclaimer: Bill amounts are calculated based on published fee schedules. While the information presented in this chart is believed to be accurate, the interpretation of a city fee schedule may have not been correct and therefore the information presented for a city may not be correct.

Rate Structure

Rate Structure

Current Rate Structure

The study included review and analysis of the City's current utility rates. The proposed rates are based on meeting the following objectives:

- Provide a clear understanding of the costs of water and sewer operations; and
- Provide revenue generation structures that are financially solvent, fair to end-users, economically competitive, and in alignment with the City's overall philosophy on user fees.

The existing rate structure is comprised of bimonthly fixed charges per customer for water, sewer, and storm water services.

Water Rate Structure

The bimonthly charges for water services includes a base fixed charge per customer account.

The City's existing volumetric rate for water customers is a single-tier rate structure, with all customer classifications billed at one rate for volume (per 100 cubic feet) regardless of customer volume billed.

Beginning in 2025, the Plan proposes the City to adopt a three-tiered rate structure, capped by tier volume and different rates charged by tier. All customer classifications will be charged the same volumetric tier rates (charge per 100 cubic feet), based on a three-tier structure.

Sewer Rate Structure

The bimonthly charges for sewer services includes a base fixed charge per customer account.

Sewer volume is currently billed bimonthly at a fixed rate per 100 cubic feet. Bimonthly sewer volumes are set based on consumption billed during the months of February through March. While not included in the Study, the City plans to evaluate billing multi-family, commercial and industrial users based on actual volume, with no "winter lock." The City does not bill sanitary sewer volume based on a tiered block rate structure, and the City does not vary sanitary sewer rates charged based on customer classification.

The Plan proposes increases to the City's existing sewer rates with no change to the structure used to charge customers.

Storm Water Rate Structure

The bimonthly charge for storm water sewer is a fixed amount. One rate is charged for single family residential and a different fixed rate for all other classifications, including multi-family, commercial, industrial. The City is evaluating options to charge different classified properties different residential equivalent unit charges. Currently all customers are billed a fixed rate per account per bill. There is a different rate charged for single family residential compared to other classified customers.

Evaluation of Funding Approach for Infrastructure

The City desires to fund infrastructure for water, sewer, and storm systems with cash versus debt when doing so does not put undue pressure on utility rates. The amount of projects included in the CIP for water, sanitary sewer, and storm water improvements cannot be paid for with cash or current revenues without significant rate increases.

Rate Structure

To avoid the need for immediate (near term) significant rate increases, the Plan proposes debt financing to allow time for the City to incrementally increase rates to pay for the improvements and the related debt service and to position the City for a pay-go strategy long term.

City Issued Bonds

The Plan includes general obligation bond issuance in the following par (principal) amounts to finance project costs as described below, inclusive of cost of issuance of the bonds. Project costs are estimated future value costs.

- \$10,530,000 in 2025 to finance \$3,504,112 of water improvements, \$4,669,000 of sewer improvements (this includes project costs incurred in 2024), and \$2,150,000 of storm water improvements.
- \$6,805,000 in 2026 to finance \$2,752,030 of water Improvements, \$2,121,800 of sewer improvements and \$1,800,000 storm water improvements.
- \$19,145,000 in 2027 to finance \$3,801,656 of water Improvements, \$14,167,206 of sewer improvements, and \$800,000 storm water improvements.
- \$6,730,000 in 2029 to finance water improvements.
- \$6,120,000 in 2030 to finance water improvements.
- \$15,000,000 in 2035 to finance sewer improvements.

The Plan proposes rate increases sufficient to provide cash to pay for debt service on all outstanding and proposed new debt issuance.

Recognizing that future customers will benefit from the improvements funded with today's dollars, it is always a balancing decision to decide whether to pay for capital infra-

structure with cash versus debt.

There are many factors to consider, including balancing other City demands for debt financing of projects and the impact on the City's overall outstanding debt obligations, among other factors. The City should continue to consider which projects make financial sense to fund from cash versus the issuance of debt.

Allocated Share of St. Cloud Bonds Issued to Finance Sanitary Sewer Treatment Improvements

The Plan includes allocation of the following estimated costs from St. Cloud to the City in the following amounts by year to finance sewer treatment improvements:

- \$3,700,000 in 2024
- \$2,340,000 in 2024
- \$1,730,000 in 2026
- \$695,000 in 2027
- \$1,175,000 in 2028

All amounts are estimated for planning purposes. The debt service on these allocated costs from St. Cloud will be funded from revenue from the Sewer Fund.

Funding Depreciation

The funding of depreciation, or setting aside of funds to replace depreciated infrastructure, is an important element for establishment of sufficient rates. The study focused on the City's asset management practices to maintain and replace aging infrastructure, including the City's adoption of a long-range capital improvements plan.

Rather than focus on "funding depreciation" we find it is better to gain a strong understanding of the expected future costs and, maybe more importantly, their timing, and

Rate Structure

plan for replacement of infrastructure and facilities. Using a planned schedule for capital improvements and the incorporation of those plans into the study does that. Capital improvement plans combined with financial management targets are an important element that allows for the setting of rates that meet city goals.

Financial management targets begin with criteria for evaluating overall financial condition. For instance, do projections show sufficient revenues to cover planned operating and capital improvement expenses? The Utility Funds must do better than break even, but by how much?

Cash Balance Targets

The Plan helps to answer these question above by allocating projected year-end cash balance to defined purposes. One of the purposes is for planned capital acquisition and reserves for future capital. The year end cash balances are targeted to meet the following purposes:

- Three-months of operating expense
- Following year debt service payments
- Following year capital acquisition (planned to be paid from cash)
- Reserves for future capital

Taken together these targets for ending cash help determine if future financial scenarios provide adequate amounts of available financial resources.

Unrestricted Net Position Target

The Plan provides a second criteria to evaluate revenue sufficiency. The second criteria is ending unrestricted net position as percent of expense. The unrestricted net assets of the Water Fund and the Sewer Fund can be considered a measure of available financial resources.

The Plan sets a target (a floor) to strive to maintain an unre-

stricted net position in the Utility Funds in the range of 50% of the subsequent year's estimated expenditures.

The majority of revenues in the Water Fund and the Sewer Fund come from user charges. Maintaining an unrestricted net position that is equal to at least 50% of the subsequent year's expenditures will help to ensure that sufficient resources are available to fund services between receipts of user charges.

The target (or floor) for unrestricted net position of 50% is meant to be an equivalent of the target for an unrestricted fund balance for the General Fund.

The City has a policy to strive to maintain a year-end unassigned fund balance in the Governmental Funds in the range of 35%–45% of the subsequent year's budgeted expenditures.

Equity is reported as "fund balance" in the General Fund and as "net position" within the Utility Funds. Net position and fund balance are the difference between fund assets and liabilities reflected on the statement of net position or balance sheet.

While the model provides the ability to input different assumptions for price elasticity of demand, the Plan does not include a factor for reduction in demand based on proposed pricing changes in the Plan. General demand for municipal water is assumed to remain constant, with the exception of growth from new development. While not proposed in the Plan, a more aggressive rate structure may result in a stronger economic relationship between water use and price, with water use responding to price.

Capital Improvement Plan

CAPITAL IMPROVEMENT PLAN

Overview

For purposes of the Plan, the city provided a Capital Improvement Plan (the "CIP") that included planned water, sewer, and storm capital improvement projects.

A purpose of the Plan is to provide the city with options and recommendation for financing future capital improvement projects for water and sanitary sewer services. The tables that follow in this section provide information on planned capital improvement projects.

Capital Projects

The projects in the CIP include projects to manage both existing and expanding service demands and to reconstruct or replace existing infrastructure.

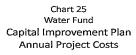
Future updates to the CIP may include service expansion to support development. The city collects development fees at time of development of property.

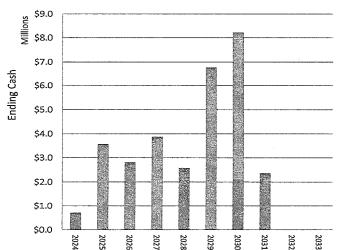
Development fees collected are deposited into the Water Fund and the Sewer Fund and available to pay for future improvements needed as a result of development.

Source of Funding for Capital Projects

Capital projects and source of funding are evaluated on an on-going basis by the city, including for timing and estimated costs.

The source of funding for the planned capital projects is anticipated to come mostly from debt issuance. The Plan includes proposed utility fee increases to provide for pay-go funding of annual capital improvements in the long-term.

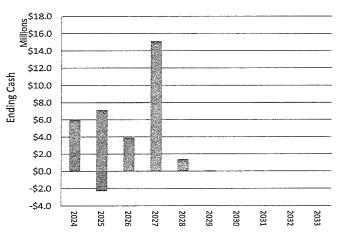




Capital Funded from Bond Proceeds

■ Capital Funded from Cash/Non-Bond Sources

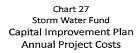




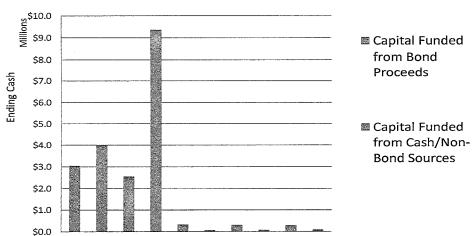
■ Capital Funded from Bond Proceeds

Note: Project costs incurred in 2024 will be reimbursed from bonds issued in 2025. This is the reason for the "negative" Capital Funded form Cash / Non-Bond Sources in 2025.

Capital Improvement Plan



2033



Capital Improvement Plan

Table 4 Water Fund

Capital Improvement Plan

City of Sartell

Capital Improvement Plan (CIP)

Water Fund

	Budget			- 1-ES		- Porwycha s (g. 1	A company of		* (3n)	* *
	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033
Capital Outlay										
Acquisition of capital assets	718,000	3,504,112	2,752,030	3,801,656	2,584,231	6,643,084	8,096,134	2,367,507	-	-
Bond issuance cost	-	69,407	54,303	76,187	-	130,000	120,000	-	_	
Total Capital Outlay	718,000	3,573,519	2,806,333	3,877,843	2,584,231	6,773,084	8,216,134	2,367,507	-	-
Source of Funds										
Bond proceeds	-	3,573,519	2,806,333	3,877,843	-	6,730,000	6,120,000	-	-	-
Transfers in	-	-	-	-	-	-	-	-	-	-
Current revenue / use of cash in fund	718,000	0	(0)	0	2,584,231	43,084	2,096,134	2,367,507	-	<u> </u>
Total Source of Funds	718,000	3,573,519	2,806,333	3,877,843	2,584,231	6,773,084	8,216,134	2,367,507	-	-

Table 5 Sewer Fund

Capital Improvement Plan

City of Sartell

Capital Improvement Plan (CIP)

Sewer Fund

	Budget	**	25.00	al Cartesian Control						
	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033
Capital Outlay										
Acquisition of capital assets	5,944,147	4,706,934	3,848,139	14,861,406	1,366,137	57,964	-	-	-	-
Bond issuance cost	70,853	139,547	75,528	299,718	25,200	-	-	-	-	-
Total Capital Outlay	6,015,000	4,846,481	3,923,667	15,161,124	1,391,337	57,964	-	-	-	
Source of Funds										
Bond proceeds	3,700,000	7,146,481	3,923,667	15,161,124	1,200,000	-	-	-	-	-
Transfers in	233,738	0	0	0	0	0	0	0	0	0
Current revenue / use of cash in fund	2,081,262	(2,300,000)	(0)	(0)	191,337	57,964	(0)	(0)	(0)	(0)
Total Source of Funds	6,015,000	4,846,481	3,923,667	15,161,124	1,391,337	57,964	-	-	-	-

Table 6 Storm Fund

Capital Improvement Plan

City of Sartell
Capital Improvement Plan (CIP)
Storm Water Fund

	Budget		60	*22:0**		9454.0K	The second of the second	· 466		
	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033
Capital Outlay										
Acquisition of capital assets	3,050,000	3,965,500	2,519,638	9,348,279	337,653	69,556	316,424	79,942	304,025	91,334
Bond issuance cost	-	45,000	35,000	16,032	-	-	-	-	-	-
Total Capital Outlay	3,050,000	4,010,500	2,554,638	9,364,312	337,653	69,556	316,424	79,942	304,025	91,334
Source of Funds										
Bond proceeds	-	2,195,000	1,835,000	816,032	-	-	-	-	_	-
Transfers in	-	0	0	0	0	0	0	0	0	0
Current revenue / use of cash in fund	3,050,000	1,815,500	719,637	8,548,279	337,653	69,556	316,424	79,942	304,025	91,334
Total Source of Funds	3,050,000	4,010,500	2,554,638	9,364,312	337,653	69,556	316,424	79,942	304,025	91,334

Table 7

Debt Payable from Utility Funds, Includes Existing and Planned New Debt

Capital Improvement Plan

Summary of Debt (Existing and New)

30,577,431 9,953,082

40,530,514

54,351,849 23,981,113

78,332,962

2022 765,000 26,737 97,737 7,340,000 450,000 46,334 45,000 1,120,000 1,215,000 23,071 1,48,071 13,880,000 2023 790,000 210,975 1,175,000 46,460 173,460 199,759 664,759 13,887,278 - 49,133 49,133 1,120,000 1,255,000 464,466 1,739,466 21,557,728 229,00,170 2025 85,000 182,875 1,077,875 8,339,515 1,495,974 383,165 1,879,139 21,761,624 35,000 48,675 61,675 1,105,000 2,365,951 583,824 2,290,347 2025 85,000 182,875 1,077,875 8,339,515 1,495,974 383,165 1,879,139 21,761,624 35,000 48,675 61,675 3,465,000 2,425,974 614,665 30,406,639 33,419,345 2026 1,122,931 285,334 1,292,735 1,174,729 564,680 2,331,900 23,337,262 150,000 132,350 45,000 2,405,574 614,665 30,406,639 33,419,345 2027 11,229,377 361,781 1,491,718 12,295,683 1,663,340 (74,753 2,381,613 37,442,574 245,000 174,540 442,450 5,521,499 3,308,277 1,233,994 4,277,281 5,570,000 120,100,2414 3,911,544 39,074,223 1,000,200 13,000,200 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000																	
Principal Interest Total PRJ Outstanding Principal Interest			Wate	er Fund			Sewe	r Fund			Storm W	ater Fund			Total Enter	prise Funds	
Principal Interest Total PRJ Outstanding Principal Interest																	
2022 765,000 206,737 971,737 7,340,000 450,000 46,334 496,334 5,340,000 - 4 - 1 1,120,000 1,215,000 223,071 1,468,071 13,890,000 2023 790,000 235,603 10,25,603 6,550,000 466,500 199,759 64,759 13,87,778 - 4 9,133 49,133 1,120,000 1,255,000 484,495 1,739,495 21,597,738 2024 835,000 210,975 1,045,975 5,715,000 1,468,691 322,434 1,809,395 15,110,317 15,000 49,875 64,875 1,105,000 2,45,974 614,665 3,404,689 1,290,245 22,990,317 2025 895,000 182,875 1,077,875 8,393,519 1,495,974 383,165 1,479,139 21,760,244 35,000 48,625 83,625 3,625,000 2,425,974 614,665 3,404,689 1,222,303,312,229 1,122,933,312 1,122,937 367,781 1,491,718 12,295,6893 1,663,360 674,753 2,331,133 37,442,574 2,450,000 132,360 2,425,574 614,665 3,404,689 1,222,538 3,305,210 3,433,677 28,640 1,290,120 1,000,241 3,912,534 3,9074,223 2,000 122,293,276 437,579 1,460,805 17,736,602 2,127,913 1,195,305 3,323,219 3,443,3677 28,646 270,453 49,699 4,956,819 3,486,386 1,440,337 5,767,728 2,000 94,388 683,766 1,583,154 22,582,714 (2,605,711 1,121,95 3,752,766 3),813,104 (2,905,740 4,905,740 4,905,740 4,905,740 4,905,740 4,905,740 4,905,740 4,905,740 4,905,740 4,905,740 4,905,740 4,905,740 4,905,740 4,905,740 4,905,740 4,905,740 4,905,740 4,905,740 4,905,740 4,905,740 4,905,740 4,905,740 4,905,740 4,905,740 4,905,740 4,905,740 4,905,740 4,905,740 4,905,740 4,905,740 4,905,740 4,905,740 4,905,740 4,905,740 4,905,740 4,905,740 4,905,740 4,905,740 4,905,740 4,905,740 4,905,740 4,905,740 4,905,740 4,905,740 4,905,740 4,905,940 4,905,840 4,905,840 4,905,840 4,905,840 4,905,940 4,905,840 4,905,840 4,905,840 4,905,840 4,905,840 4,905,840 4,905,840 4,905,840 4,905,840 4,905,840 4,905,940 4,905,840 4,905,840 4,905,840 4,905,940 4,905,840 4,905,840 4,905,840 4,905,940 4,905,840 4,905,940 4,905,940 4,905,840 4,905,940 4,905,940 4,905,840 4,905,940 4,905,840 4,905,940 4,905,940 4,905,940 4,905,940 4,905,840 4,905,940 4,905,940 4,905,940 4,905,940 4,905,940 4,905,940 4,905,940 4,905,940 4,905,940 4,905,940 4,905,940 4,905,940 4,905,940 4,905,940 4,905,940 4,905,940 4,905,940	Fiscal										e to the second	i e				W 4	
2024 279,000 225,603 1,025,603 6,559,000 4,65,000 199,759 664,759 13,87,778 - 49,133 4,120,000 1,255,000 494,496 1,739,496 21,557,728 239,017 2025 835,000 182,875 1,045,975 5,715,000 1,486,961 322,434 1,893,355 1,6110,317 15,000 49,875 64,875 1,055,000 2,455,740 614,665 3,046,639 33,413,434 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000	Year	Principal	Interest	Total P&I	Outstanding	Principal	Interest	Total P&I	Outstanding	Principal	Interest	Total P&I	Outstanding	Principal	Interest	Total P&I	Outstanding
	2022	765,000	206,737	971,737	7,340,000	450,000	46,334	496,334	5,430,000	-	-	_	1,120,000	1,215,000	253,071	1,468,071	13,890,000
2025 885,000 12,875 1,077,875 8,393,519 1,495,974 383,165 1,879,139 21,760,824 35,000 48,625 83,625 3,265,000 2,912,120 101,665 3,040,639 33,419,342 39,072,027 1,129,937 361,781 1,491,713 1,295,873 1,663,300 67,475 2,381,133 37,442,751 2,913,750 2,913,750 2,913,750 2,913,750 2,913,750 2,913,750 2,913,750 2,913,750 2,913,750 2,913,750 2,913,750 2,913,750 2,913,750 2,913,750 2,913,750 2,913,750 2,913,750 2,913,750 2,913,750 2,913,750 2,913,750 2,913,750 2,913,750 2,913,750 2,913,750 2,913,750 2,913,750 2,913,750 2,913,750 2,913,750 2,913,750 2,913,750 2,913,750 2,913,750 2,913,750 2,913,750 2,913,750 2,913,750 2,913,750 2,913,750 2,913,750 2,913,750 2,913,750 2,913,750 2,913,750 2,913,750 2,913,750 2,913,750 2,913,750 2,913,750 2,913,750 2,913,750 2,913,750 2,913,750 2,913,750 2,913,750 2,913,750 2,913,750 2,913,750 2,913,750 2,913,750 2,913,750 2,913,750 2,913,750 2,913,750 2,913,750 2,913,750 2,913,750 2,913,750 2,913,750 2,913,750 2,913,750 2,913,750 2,913,750 2,913,750 2,913,750 2,913,750 2,913,750 2,913,750 2,913,750 2,913,750 2,913,750 2,913,750 2,913,750 2,913,750 2,913,750 2,913,750 2,913,750 2,913,750 2,913,750 2,913,750 2,913,750 2,913,750 2,913,750 2,913,750 2,913,750 2,913,750 2,913,750 2,913,750 2,913,750 2,913,750 2,913,750 2,913,750 2,913,750 2,913,750 2,913,750 2,913,750 2,913,750 2,913,750 2,913,750 2,913,750 2,913,750 2,913,750 2,913,750 2,913,750 2,913,750 2,913,750 2,913,750 2,913,750 2,913,750 2,913,750 2,913,750 2,913,750 2,913,750 2,913,750 2,913,750 2,913,750 2,913,750 2,913,750 2,913,750 2,913,750 2,913,750 2,913,750 2,913,750 2,913,750 2,913,750 2,913,750 2,913,750 2,913,750 2,913,750 2,913,750 2,913,750 2,913,750 2,913,750 2,913,750 2,913,750 2,91	2023	790,000	235,603	1,025,603	6,550,000	465,000	199,759	664,759	13,897,278	-	49,133	49,133	1,120,000	1,255,000	484,496	1,739,496	21,567,278
2026 1,012,891 285,384 1,298,275 10,186,961 1,747,229 584,680 2,331,909 23,937,622 150,000 132,350 262,350 4,950,000 2,910,120 1,002,414 3,912,524 3,9074,223 2,0028 1,267,065 476,531 1,491,718 12,995,693 1,663,360 674,753 2,388,113 37,442,574 245,000 197,450 442,450 5,521,459 3,038,237 1,233,994 4,772,281 55,900,924 2,002 1,002,226 437,579 1,460,805 1,736,602 2,127,913 1,195,305 3,323,211 56,133,211 56,133,211 56,133,211 56,133,211 56,133,211 56,133,211 56,133,211 56,133,211 56,133,211 56,133,211 56,133,211 56,133,211 56,133,211 56,133,211 56,133,211 56,133,211 56,133,211 56,133,211 56,133,211 56,133,211 56,133,211 56,133,211 56,133,211 56,133,211 56,133,211 56,133,211 56,133,211 56,133,211 56,133,211 56,133,211 56,133,211 56,133,211 56,133,211 56,133,211 56,133,211 56,133,211 56,133,211 56,133,211 56,133,211 56,133,211 56,133,211 56,133,211 56,133,211 56,133,211 56,133,211 56,133,211 56,133,211 56,133,211 56,133,211 56,133,211 56,133,211 56,133,211 56,133,211 56,133,211 56,133,211 56,133,211 56,133,211 56,133,211 56,133,211 56,133,211 56,133,211 56,133,211 56,133,211 56,133,211 56,133,211 56,133,211 56,133,211 56,133,211 56,133,211 56,133,211 56,133,211 56,133,211 56,133,211 56,133,211 56,133,211 56,133,211 56,133,211 56,133,211 56,133,211 56,133,211 56,133,211 56,133,211 56,133,211 56,133,211 56,133,211 56,133,211 56,133,211 56,133,211 56,133,211 56,133,211 56,133,211 56,133,211 56,133,211 56,133,211 56,133,211 56,133,211 56,133,211 56,133,211 56,133,211 56,133,211 56,133,211 56,133,211 56,133,211 56,133,211 56,133,211 56,133,211 56,133,211 56,133,211 56,133,211 56,133,211 56,133,211 56,133,211 56,133,211 56,133,211 56,133,211 56,133,211 56,133,211 56,133,211 56,133,211 56,133,211 56,133,2	2024	835,000	210,975	1,045,975	5,715,000	1,486,961	322,434	1,809,395	16,110,317	15,000	49,875	64,875	1,105,000	2,336,961	583,284	2,920,245	22,930,317
2027 1,129,937 361,781 1,491,718 12,936,893 1,663,360 674,753 2,338,113 37,442,574 245,000 197,450 442,450 5,521,459 3,038,297 1,233,984 4,272,281 55,900,926 1,265,065 1,265,065 1,265,065 1,265,065 1,265,065 1,265,065 1,265,065 1,265,065 1,265,065 1,265,065 1,265,065 1,265,065 1,265,065 1,265,065 1,265,065 1,265,065 1,265,065 1,265,065 1,265,065 1,265,065 1,265,065 1,265,065 1,265,065 1,265,065 1,265,065 1,265,065 1,265,065 1,265,065 1,265,065 1,265,065 1,265,065 1,265,065 1,265,065 1,265,065 1,265,065 1,265,065 1,265,065 1,265,065 1,265,065 1,265,065 1,265,065 1,265,065 1,265,065 1,265,065 1,265,065 1,265,065 1,265,065 1,265,065 1,265,065 1,265,065 1,265,065 1,265,065 1,265,065 1,265,065 1,265,065 1,265,065 1,265,065 1,265,065 1,265,065 1,265,065 1,265,065 1,265,065 1,265,065 1,265,065 1,265,065 1,265,065 1,265,065 1,265,065 1,265,065 1,265,065 1,265,065 1,265,065 1,265,065 1,265,065 1,265,065 1,265,065 1,265,065 1,265,065 1,265,065 1,265,065 1,265,065 1,265,065 1,265,065 1,265,065 1,265,065 1,265,065 1,265,065 1,265,065 1,265,065 1,265,065 1,265,065 1,265,065 1,265,065 1,265,065 1,265,065 1,265,065 1,265,065 1,265,065 1,265,065 1,265,065 1,265,065 1,265,065 1,265,065 1,265,065 1,265,065 1,265,065 1,265,065 1,265,065 1,265,065 1,265,065 1,265,065 1,265,065 1,265,065 1,265,065 1,265,065 1,265,065 1,265,065 1,265,065 1,265,065 1,265,065 1,265,065 1,265,065 1,265,065 1,265,065 1,265,065 1,265,065 1,265,065 1,265,065 1,265,065 1,265,065 1,265,065 1,265,065 1,265,065 1,265,065 1,265,065 1,265,065 1,265,065 1,265,065 1,265,065 1,265,065 1,265,065 1,265,065 1,265,065 1,265,065 1,265,065 1,265,065 1,265,065 1,265,065 1,265,065 1,265,065 1,265,065 1,265,065 1,265,065 1,265,065 1,265,065 1,265,065 1,265,065 1,265,065 1,265,065 1,265,065 1,265,065 1,265,065 1,265,065 1,265,065 1,265,065 1,265,065 1,265,065 1,265,065 1,265,065 1,265,065 1,265,065 1,265,065 1,265,065 1,265,065 1,265,065 1,265,065 1,265,065 1,265,065 1,265,065 1,265,065 1,265,065 1,265,065 1,265,065 1,265,065 1,265,065 1,265,065 1,265,065 1,265,065 1,265,06	2025	895,000	182,875	1,077,875	8,393,519	1,495,974	383,165	1,879,139	21,760,824	35,000	48,625	83,625	3,265,000	2,425,974	614,665	3,040,639	33,419,343
2028 1,267,065 476,319 1,743,383 11,669,828 2,080,984 1,222,538 3,335,213 3,656,1591 279,394 219,195 498,589 5,242,065 3,627,442 1,918,052 5,545,494 53,473,484 2023 1,023,226 437,579 1,460,805 17,376,602 2,127,913 1,195,005 3,323,219 3,483,636 498,789 5,242,065 3,627,442 1,918,052 5,545,494 567,098 2031 1,490,550 838,180 2,228,730 21,066,64 1,503,191 1,080,150 38,181,066 3,681,784 496,373 3,318,692 2,100,760 5,411,652 5,710,148 2033 1,590,568 781,198 2,290,766 1,952,097 1,461,127 1,033,990 2,495,866 28,848,893 322,804 490,143 491,948 4,015,966 3,293,488 1,984,663 5,771,516 52,711,660 2,771,61 52,711,660 5,715,794 661,975 2,288,793 1,634,442 1,417,19 9,876 2,488,869 322,804 490,407 3,677,309	2026	1,012,891	285,384	1,298,275	10,186,961	1,747,229	584,680	2,331,909	23,937,262	150,000	132,350	282,350	4,950,000	2,910,120	1,002,414	3,912,534	
2029 1,023,226 437,579 1,460,805 17,376,602 21,7913 1,195,305 3,232,219 3,433,677 285,246 207,453 492,699 4,956,819 3,436,386 1,840,337 5,276,723 567,7098 2030 944,388 638,766 1,583,154 2,552,214 2,620,571 1,132,195 3,752,766 31,813,106 300,099 195,276 496,375 4,656,770 3,866,058 1,666,637 5,832,295 590,21,406 2031 1,599,588 781,198 2,290,766 19,552,097 1,661,127 1,033,290 2,495,046 32,804 169,145 491,948 4,015,965 3,293,498 1,840,837 5,277,761 3,241,650 2033 1,560,729 722,546 2,283,275 1,791,367 1,491,719 987,144 2,478,863 27,356,870 338,666 155,390 494,047 3,677,309 3,91,104 1,650,815 5,256,185 49,025,546 2035 1,689,065 599,298 2,288,364 1,674,3938 1,591,676 891,504 2,483,180 <td>2027</td> <td>1,129,937</td> <td>361,781</td> <td>1,491,718</td> <td>12,936,893</td> <td>1,663,360</td> <td>674,753</td> <td>2,338,113</td> <td>37,442,574</td> <td>245,000</td> <td>197,450</td> <td>442,450</td> <td>5,521,459</td> <td>3,038,297</td> <td>1,233,984</td> <td>4,272,281</td> <td></td>	2027	1,129,937	361,781	1,491,718	12,936,893	1,663,360	674,753	2,338,113	37,442,574	245,000	197,450	442,450	5,521,459	3,038,297	1,233,984	4,272,281	
2030 944,388 638,766 1,583,154 22,552,214 2,620,571 1,132,195 3,752,766 31,813,106 301,099 195,276 496,375 4,655,720 3,866,058 1,966,237 5,832,295 59,021,040 2031 1,490,550 838,180 2,328,730 1,1061,664 1,503,391 1,808,140 2,588,531 30,309,715 316,951 182,440 499,391 4,338,769 3,310,892 2,100,760 5,411,652 55,710,148 2,003 1,560,729 722,546 2,283,275 17,991,567 1,491,719 987,144 2,478,863 27,356,870 338,656 155,390 494,047 3,677,309 3,391,104 1,865,081 5,256,185 491,025 2,289,879 16,363,844 1,541,084 939,760 2,480,845 25,815,786 354,722 141,248 495,970 3,322,587 3,523,710 1,742,983 5,266,693 45,501,836 1,751,207 533,907 2,285,131 12,293,192 2,156,145 1,442,291 3,598,846 37,367,964 376,964 376,964 376,964 376,964 376,964 376,964 376,964 376,964 376,964 376,964 376,964 376,964 376,964 376,964 376,964 376,964 376,964 376,964 376,964 376,964 376,964 376,964 376,964 376,964 376,964 376,964 376,964 376,964 376,964 376,964 376,964 376,964 376,964 376,964 376,964 376,964 376,964 376,964 376,964 376,964 376,964 376,964 376,964 376,964 376,964 376,964 376,964 376,964 376,964 376,964 376,964 376,964 376,964 376,964 376,964 376,964 376,964 376,964 376,964 376,964 376,964 376,964 376,964 376,964 376,964 376,964 376,964 376,964 376,964 376,964 376,964 376,964 376,964 376,964 376,964 376,964 376,964 376,964 376,964 376,964 376,964 376,964 376,964 376,964 376,964 376,964 376,964 376,964 376,964 376,964 376,964 376,964 376,964 376,964 376,964 376,964 376,964 376,964 376,964 376,964 376,964 376,964 376,964 376,964 376,964 376,964 376,964 376,964 376,964 376,964 376,964 376,964 376,964 376,964 376,964 376,964 376,964 376,964 376,964 376,964 376,964 376,964 376,964 376,964 376,964 376,964 376,964 376,964 376,964 376,964 376,964 376,964 376,964 376,964 376,964 376,964 376,964 376,964 376,964 376,964 376,964 376,964 376,964 376,964 376,964 376,964 376,964 376,964 376,964 376,964 376,964 376,964 376,964 376,964 376,964 376,964 376,964 376,964 376,964 376,964 376,964 376,964 376,964 376,964 376,964 376,964 376,964 376,964 376,964 376,9	2028	1,267,065	476,319	1,743,383	11,669,828	2,080,984	1,222,538	3,303,521	36,561,591	279,394	219,195	498,589	5,242,065	3,627,442	1,918,052	5,545,494	
2031 1,490,550 838,180 2,328,730 21,061,664 1,503,391 1,080,140 2,583,531 30,309,715 316,951 182,440 499,391 4,338,769 3,310,892 2,100,760 5,411,652 55,710,148 2032 1,509,568 781,198 2,290,766 19,552,097 1,461,127 1,033,920 2,478,863 27,356,870 338,665 155,390 494,047 3,677,309 3,391,104 1,865,081 5,276,1655 2,466,650 2033 1,560,729 722,546 2,283,275 17,991,367 1,491,719 987,144 2,478,863 27,356,870 338,666 155,390 494,047 3,677,309 3,391,104 1,865,081 5,256,6693 45,501,386 2,283,279 16,363,464 1,541,084 939,760 2,480,845 25,815,786 354,722 141,248 495,970 3,322,587 3,323,3710 1,742,983 5,266,693 45,501,386 2,283,277 1,274,283 5,266,693 45,501,386 2,283,277 1,274,283 5,266,693 45,501,386 2,283,277 1,274,283 5,266,693 45,501,386 2,283,277 1,274,283 5,266,693 45,501,386 2,283,277 1,274,283 5,266,693 45,501,386 2,283,277 1,274,283 5,266,693 45,501,386 2,283,277 1,274,283 5,266,693 45,501,386 2,283,277 1,274,283 5,266,693 45,501,386 2,283,277 1,274,283 5,266,693 45,501,386 2,283,277 1,274,283 5,266,693 45,501,386 2,283,277 1,274,283 5,266,693 45,501,386 2,283,277 1,274,283 5,266,993 45,742 1,283,277 1,283,274 1,284,274 1,284,274 1,284,274 1,284,274 1,284,274 1,284,274 1,284,274 1,284,274 1,284,274 1,284,274 1,284,274 1,284,274 1,284,274 1,284,274 1,284,274 1,284,274 1,284,274 1,284,274 1,284,274 1,284,274 1,284,274 1,284,274 1,284,274 1,284,274 1,284,274 1,284,274 1,284,274 1,284,274 1,284,274 1,284,274 1,284,274 1,284,274 1,284,274 1,284,274 1,284,274 1,284,274 1,284,274 1,284,274 1,284,274 1,284,274 1,284,274 1,284,274 1,284,274 1,284,274 1,284,274 1,284,274 1,284,274 1,284,274 1,284,274 1,284,274 1,284,274 1,284,274 1,284,274 1,284,274 1,284,274 1,284,274 1,284,274 1,284,274 1,284,274 1,284,274 1,284,274 1,284,274 1,284,274 1,284,274 1,284,274 1,284,274 1,284,274 1,284,274 1,284,274 1,284,274 1,284,274 1,284,274 1,284,274 1,284,274 1,284,274 1,284,274 1,284,274 1,284,274 1,284,274 1,284,274 1,284,274 1,284,274 1,284,274 1,284,274 1,284,274 1,284,274 1,284,274 1,284,274 1,284,274 1,284,274 1,284,274 1,284,274 1,2	2029	1,023,226	437,579	1,460,805	17,376,602	2,127,913		3,323,219	34,433,677	285,246	•	492,699	4,956,819		1,840,337	5,276,723	56,767,098
2032 1,509,568 781,198 2,290,766 19,552,097 1,461,127 1,033,920 2,495,046 28,848,589 322,804 169,145 491,948 4,015,965 3,293,498 1,984,263 5,277,761 52,416,650 2033 1,560,729 722,546 2,283,275 17,991,367 1,491,719 987,144 2,478,863 27,356,870 338,666 155,330 494,047 3,677,309 3,391,104 1,865,081 5,256,689 49,025,546 40,025 1,689,065 599,298 2,288,364 14,674,398 1,591,676 891,506 2,480,845 2,881,576 354,712 141,248 495,970 3,222,878 3,223,710 1,742,983 5,265,693 455,018,365 1,751,207 533,907 2,285,113 12,923,192 2,156,145 1,442,291 3,598,436 37,367,964 376,640 111,698 488,338 2,580,373 4,283,992 2,087,895 6,371,887 52,871,552 2,037 1,819,394 465,634 2,285,028 11,103,798 2,229,215 1,367,583 3,596,799 35,138,748 397,919 95,582 493,500 2,182,454 4,464,528 1,928,799 6,375,327 48,425,000 2038 1,999,392 394,921 2,294,313 9,204,406 2,051,624 1,291,198 3,342,822 33,807,124 413,984 79,018 493,003 1,768,470 4,365,000 1,765,138 6,130,138 44,060,000 2040 1,214,720 261,156 1,475,876 6,040,976 2,208,951 1,137,278 3,346,229 2,874,932 446,328 44,410 490,739 887,092 3,870,000 1,442,844 5,312,844 35,670,000 2041 520,615 1,264,407,407 2,611,55 1,442,271 4,982,720 2,372,909 971,675 3,344,584 24,084,682 113,886 22,702 136,588 510,599 3,025,000 1,424,844 5,975,000 2044 481,539 164,013 645,552 3,398,809 2,276,559 1788,79 3,344,849 24,084,682 113,886 22,702 136,588 510,599 3,025,000 1,424,844 5,975,000 2046 517,049 125,026 642,076 2,923,877 2,053,097 640,007 2,693,125 15,659,86 19,347,840 36,870 14,871 51,741 353,351 2,795,000 977,681 3,776,685 3,836,000 676,388 3,776,388 3,776,388 3,776,388 3,776,388 3,776,388 3,776,388 3,776,388 3,776,388 3,776,388 3,776,388 3,776,388 3,776,388 3,776,388 3,776,388 3,776,388 3,776,388 3,776,388 3,776,388 3,776,388 3,776,388 3,776,388 3,776,388 3,776,389 3,777,681 2,777,681 2,777,681 2,777,681 2,777,681 2,777,681 2,777,681 2,777,681 2,777,681 2,777,681 2,777,681 2,777,681 2,777,681 2,777,681 2,777,786,781 2,777,786 2,777,786,787 2,777,786 2,777,786 2,777,786 2,777,786 2,777,786 2,777,786 2,777,786 2,77	2030	944,388	638,766	1,583,154	22,552,214	2,620,571	1,132,195	3,752,766	31,813,106	301,099	195,276	496,375	4,655,720	3,866,058	1,966,237	5,832,295	59,021,040
2033 1,560,729 722,546 2,283,275 17,991,367 1,491,719 987,144 2,478,863 27,356,870 338,656 155,390 494,047 3,677,309 3,391,104 1,865,081 5,256,185 49,025,546 2034 1,627,904 661,975 2,289,879 16,363,464 1,541,084 939,760 2,480,845 25,815,786 354,722 141,248 495,970 3,322,587 3,523,710 1,742,983 5,266,693 45,501,836 2035 1,689,065 599,288 2,288,364 14,674,398 1,591,676 891,504 2,483,180 39,524,109 365,574 126,842 492,416 2,957,013 3,646,316 1,617,644 5,263,960 57,1255,200 1,751,207 533,907 2,285,113 12,923,192 2,156,145 1,442,291 3,598,436 37,367,964 376,640 111,698 488,338 2,580,373 4,283,907 2,285,113 12,923,192 2,156,145 1,442,291 3,598,436 37,367,964 376,640 111,698 488,338 2,580,373 4,283,907 2,285,113 12,923,192 2,156,145 1,442,291 3,598,436 37,367,964 376,640 111,698 488,338 2,580,373 4,283,907 2,285,113 12,923,192 2,156,145 1,442,291 3,598,436 37,367,964 376,640 111,698 488,338 2,580,373 4,283,907 2,285,113 12,923,192 2,156,145 1,442,291 3,598,436 37,367,964 376,640 111,698 488,338 2,580,373 4,283,907 2,287,374 2,285,193 3,242,293,193 3,242,293,193 3,242,293,193 3,242,293,193 3,242,293,193 3,242,293,193 3,242,293,193 3,242,293,193 3,242,293,193 3,242,293,193 3,242,293,193 3,242,293,193 3,242,293,193 3,242,293,193 3,242,293,193 3,242,293,193 3,242,293,193 3,242,293,193 3,242,293,193 3,242,293,193 3,242,293,193 3,243,293 3,243,293 3,243,293 3,243,243 3,243,243 3,243,243 3,243,243 3,243,243 3,243,243 3,243,243 3,243,243 3,243,243 3,243,243 3,243,243 3,243,243 3,243,243 3,243,243 3,243,243 3,243,243 3,243,243,243,243,243,243,243,243,243,24	2031	1,490,550	838,180	2,328,730	21,061,664	1,503,391	1,080,140	2,583,531	30,309,715	316,951	•	499,391	4,338,769	3,310,892		5,411,652	
2034 1,627,904 661,975 2,289,879 16,363,464 1,541,084 939,760 2,480,845 25,815,786 354,722 141,248 455,970 3,322,587 3,523,710 1,742,983 5,266,693 45,501,836 2035 1,689,065 599,298 2,288,364 14,674,398 1,591,676 891,504 2,483,180 39,524,109 365,574 126,842 492,416 2,957,013 3,646,316 1,617,644 5,263,960 57,155,520 2036 1,751,207 533,907 2,285,113 12,923,192 2,156,145 1,442,291 3,598,436 37,367,964 376,640 111,698 488,338 2,580,373 4,283,992 2,087,895 6,371,887 52,871,528 2037 1,819,394 465,634 2,285,028 11,103,798 2,229,215 1,367,583 3,596,799 35,138,748 397,919 95,582 493,500 2,182,454 4,446,528 1,928,799 6,375,327 48,425,000 2038 1,993,992 394,921 2,294,313 9,204,406 2,051,624 1,291,198 3,342,822 33,087,124 413,984 79,018 493,003 1,768,470 4,365,000 1,765,138 6,130,138 44,060,000 2039 1,948,710 322,135 2,270,845 7,255,696 2,136,241 1,215,709 3,351,949 30,950,884 435,050 62,038 497,088 1,333,420 4,520,000 1,599,881 6,119,881 39,540,000 2040 1,214,770 261,156 1,475,876 6,040,976 2,208,951 1,137,278 3,346,229 28,741,992 446,328 44410 490,739 887,092 3,870,000 1,442,844 5,312,844 235,670,000 2041 520,051 226,838 746,889 5,520,925 2,287,342 1,055,993 3,343,335 26,454,590 262,607 30,232 292,839 624,484 3,070,000 1,442,844 5,312,844 29,575,000 2043 562,372 184,465 746,837 4,420,348 2,457,250 884,168 3,341,419 21,624,431 120,378 18,016 138,394 390,221 3,140,000 1,086,650 4,226,444 29,575,000 2043 562,372 184,465 746,837 4,420,348 2,457,250 884,168 3,341,419 21,624,431 120,378 18,016 138,394 390,221 3,140,000 1,086,650 4,226,650 26,435,000 2044 481,539 164,013 645,552 3,938,809 2,276,5591 798,797 3,075,388 19,347,840 36,870 14,871 51,741 353,351 2,795,000 977,681 3,772,681 23,640,000 2046 441,635 164,013 645,552 3,938,809 2,276,5591 798,797 3,075,388 19,347,840 36,870 14,871 51,741 353,351 2,795,000 977,681 3,772,681 23,640,000 2046 540,052 104,359 644,411 2,338,825 2,018,389 561,855 2,580,341,419 2,526,368 11,093,236 43,263 8,478 51,741 190,315 2,660,000 676,388 3,276,380 13,105,000 2049 582,555 60,416 642,972 1,238,	2032	1,509,568	781,198	2,290,766	19,552,097	1,461,127	1,033,920	2,495,046	28,848,589	322,804	169,145	491,948	4,015,965	3,293,498	1,984,263	5,277,761	
2035 1,689,065 599,288 2,288,364 14,674,398 1,591,676 891,504 2,483,180 39,524,109 365,574 126,842 492,416 2,957,013 3,646,316 1,617,644 5,263,960 57,155,520 2036 1,751,207 533,907 2,285,113 12,923,192 2,156,145 1,442,291 3,598,436 37,367,964 376,640 111,698 488,338 2,580,373 4,283,992 2,087,895 6,371,887 52,871,528 2037 1,819,394 465,634 2,285,028 11,103,798 2,229,115 1,367,583 3,596,799 35,138,748 397,919 95,582 493,500 2,182,454 4,446,528 1,928,799 6,375,327 48,425,000 2039 1,948,710 322,135 2,270,845 7,255,696 2,136,241 1,215,709 3,351,949 30,950,884 435,050 62,038 497,088 1,333,420 4,520,000 1,599,881 6,139,881 39,400,000 2040 1,214,720 261,156 1,475,875 6,040,976 2,208,951 1,137,778 3,346,229 28,741,932 446,328 44,410 490,739 887,092 3,870,000 1,442,844 5,312,844 35,670,000 2040 1,214,720 261,565 206,667 744,272 4,982,720 2,372,909 971,675 3,344,584 24,081,682 113,886 22,702 136,588 510,599 3,025,000 1,200,444 4,225,444 29,575,000 2043 562,372 184,465 746,837 4,420,348 2,457,250 884,168 3,341,419 21,624,431 120,378 18,016 138,394 390,221 3,140,000 1,086,650 4,226,650 2,435,000 2044 481,539 164,013 645,552 3,938,809 2,776,591 798,797 3,075,388 19,347,840 36,670 14,871 51,741 353,351 2,795,000 977,681 3,754,681 23,640,000 2046 517,049 125,026 642,074 3,409,26 2,128,787 7,955,007 766,388 3,276,388 12,364,000 2046 517,049 125,026 642,074 3,409,26 2,128,756 718,516 2,847,272 17,219,084 38,361 13,367 51,728 314,990 2,665,000 876,758 3,346,580 13,365,000 2049 582,555 60,416 642,972 1,238,984 2,057,477 401,527 2,459,003 9,035,759 44,968 6,713 51,681 145,347 2,685,000 676,388 3,276,388 15,765,000 2049 582,555 60,416 642,972 1,238,984 2,057,477 401,527 2,459,003 9,035,759 44,968 6,713 51,681 145,347 2,685,000 468,656 3,153,656 10,420,000 2049 582,555 60,416 642,972 1,238,984 2,057,477 401,527 2,459,003 9,035,759 44,968 6,713 51,681 145,347 2,685,000 468,656 3,153,656 10,420,000 2049 582,555 60,416 642,972 1,238,984 2,057,477 401,527 2,459,003 9,035,759 44,968 6,713 51,681 145,347 2,685,000 468,656 3,153,656 10,420,	2033	1,560,729	722,546	2,283,275	17,991,367	1,491,719	987,144	2,478,863	27,356,870	338,656	155,390	494,047	3,677,309			5,256,185	
2036 1,751,207 533,907 2,285,113 12,923,192 2,156,145 1,442,291 3,598,436 37,367,964 376,640 111,698 488,338 2,580,373 4,283,992 2,087,895 6,371,887 52,871,528 2037 1,819,394 465,634 2,285,028 11,103,798 2,229,215 1,367,583 3,596,799 35,138,748 397,919 95,582 493,500 2,182,454 4,446,528 1,928,799 6,375,327 48,425,000 2038 1,899,392 394,921 2,294,313 9,204,406 2,051,624 1,291,198 3,342,822 33,087,124 413,984 79,018 493,003 1,768,470 4,365,000 1,765,138 6130,138 44,060,000 2039 1,948,710 322,135 2,270,845 7,255,696 2,136,241 1,215,709 3,351,949 30,950,884 435,050 62,038 497,088 1,333,420 4,520,000 1,599,881 6,119,881 39,540,000 2040 1,214,720 261,156 1,475,876 6,040,976 2,208,951 1,137,278 3,346,229 28,741,932 446,328 44,410 490,739 887,092 3,870,000 1,442,844 5,312,844 35,670,000 2041 520,051 226,838 746,889 5,520,925 2,287,342 1,055,993 3,343,335 26,454,590 262,607 30,232 292,839 624,484 3,070,000 1,313,063 4,383,063 32,600,000 2042 538,205 206,067 744,272 4,982,720 2,372,909 971,675 3,344,584 24,081,682 113,886 22,702 136,588 510,599 3,025,000 1,200,444 4,225,444 29,575,000 2044 481,539 164,013 645,552 3,938,809 2,276,591 798,797 3,075,388 19,347,840 36,870 14,871 51,741 353,351 2,795,000 977,681 3,772,681 23,640,000 2044 481,539 164,013 645,552 3,938,809 2,276,591 798,797 3,075,388 19,347,840 36,870 14,871 51,741 353,351 2,795,000 977,681 3,772,681 23,640,000 2045 497,883 144,867 642,749 3,400,926 2,128,756 718,516 2,847,272 17,219,884 38,361 13,367 51,728 314,990 2,665,000 876,750 3,541,750 20,975,000 2046 517,049 125,026 642,076 2,923,877 2,053,097 640,027 2,693,125 15,165,986 39,853 11,803 51,666 275,137 2,610,000 776,856 3,366,566 18,365,000 2049 582,555 60,416 642,972 1,238,894 2,057,477 401,527 2,459,003 9,035,759 44,968 6,713 51,681 145,347 2,685,000 676,388 3,276,388 157,650,000 2049 582,555 60,416 642,972 1,238,894 2,057,477 401,527 2,459,003 9,035,759 44,968 6,713 51,681 145,347 2,685,000 468,656 3,153,656 10,420,000 2049 582,555 60,416 642,972 1,238,894 2,057,477 401,527 2,459,003 9,035,759 44,968	2034	1,627,904	661,975	2,289,879	16,363,464	1,541,084	939,760	2,480,845	25,815,786	354,722	141,248	495,970	3,322,587	3,523,710	1,742,983	5,266,693	
2037 1,819,394 465,634 2,285,028 11,103,798 2,229,215 1,367,583 3,596,799 35,138,748 397,919 95,582 433,500 2,182,454 4,446,528 1,928,799 6,375,327 48,425,000 2038 1,899,392 394,921 2,294,313 9,204,406 2,051,624 1,291,198 3,342,822 33,087,124 413,984 79,018 493,003 1,768,470 4,365,000 1,765,138 6,130,138 44,060,000 2039 1,948,710 322,135 2,270,845 7,255,696 2,136,241 1,215,709 3,351,949 30,950,884 435,050 62,038 497,088 1,333,420 4,520,000 1,599,881 6,119,881 39,540,000 2040 1,214,720 261,156 1,475,876 6,040,976 2,208,951 1,137,278 3,346,229 28,741,932 446,328 44,410 490,739 887,092 3,870,000 1,442,844 5,312,844 35,670,000 2041 520,051 226,838 746,889 5,520,925 2,287,342 1,055,993 3,343,335 26,454,590 262,607 30,232 292,839 624,484 3,070,000 1,313,063 4,383,063 32,600,000 2042 538,205 206,067 744,272 4,982,720 2,372,909 971,675 3,344,584 24,081,682 113,886 22,702 136,588 510,599 3,025,000 1,200,444 4,225,444 29,575,000 2044 481,539 164,013 645,552 3,938,809 2,276,591 798,797 3,075,388 19,347,840 36,870 14,871 51,741 353,351 2,795,000 977,681 3,772,681 23,640,000 2045 497,883 144,867 642,749 3,440,926 2,128,756 718,516 2,847,272 17,219,084 38,361 13,367 51,728 314,900 2,665,000 876,750 3,541,750 20,975,000 2046 517,049 125,026 642,076 2,923,877 2,053,097 640,027 2,693,125 15,165,986 39,853 11,803 51,656 275,137 2,610,000 776,856 3,386,856 18,365,000 2048 562,376 82,803 645,179 1,821,449 2,054,361 482,519 2,536,880 11,093,236 43,263 8,478 51,741 190,315 2,660,000 573,800 3,233,800 13,105,000 2049 582,555 60,416 642,972 1,238,894 2,057,477 401,527 2,459,003 9,035,759 44,968 6,713 51,681 145,347 2,685,000 468,656 3,153,656 10,420,000 2049 582,555 60,416 642,972 1,238,894 2,057,477 401,527 2,459,003 9,035,759 44,968 6,713 51,681 145,347 2,685,000 468,656 3,153,656 10,420,000 2049 582,555 60,416 642,972 1,238,894 2,057,477 401,527 2,459,003 9,035,759 44,968 6,713 51,681 145,347 2,685,000 468,656 3,153,656 10,420,000 2049 582,555 60,416 642,972 1,238,894 2,057,477 401,527 2,459,003 9,035,759 44,968 6,713 51,681 145,34	2035	1,689,065	599,298	2,288,364	14,674,398	1,591,676	891,504	2,483,180	39,524,109	365,574		492,416	2,957,013				
2038 1,899,392 394,921 2,294,313 9,204,406 2,051,624 1,291,198 3,342,822 33,087,124 413,984 79,018 493,003 1,768,470 4,365,000 1,765,138 6,130,138 44,060,000 2039 1,948,710 322,135 2,270,845 7,255,696 2,136,241 1,215,709 3,351,949 30,950,884 435,050 62,038 497,088 1,333,420 4,520,000 1,599,881 6,119,881 39,540,000 2040 1,214,720 261,156 1,475,876 6,040,976 2,208,951 1,137,278 3,346,229 28,741,932 446,328 44,410 490,739 887,092 3,870,000 1,442,844 5,312,844 35,670,000 2041 520,051 226,838 746,889 5,520,925 2,287,342 1,055,993 3,343,335 26,454,590 262,607 30,232 292,839 624,484 3,070,000 1,313,063 4,383,063 32,600,000 2042 538,205 206,067 744,272 4,982,720 2,372,909 971,675 3,344,584 24,081,682 113,886 22,702 136,588 510,599 3,025,000 1,200,444 4,225,444 29,575,000 2043 562,372 184,465 746,837 4,420,348 2,457,250 884,168 3,341,419 21,624,431 120,378 18,016 138,394 390,221 3,140,000 1,086,650 4,226,650 26,435,000 2044 481,539 164,013 645,552 3,938,809 2,276,591 798,797 3,075,388 19,347,840 36,870 14,871 51,741 353,351 2,795,000 977,681 3,772,681 23,640,000 2045 497,883 144,867 642,749 3,440,926 2,128,756 718,516 2,847,272 17,219,084 38,361 13,367 51,728 314,990 2,665,000 876,750 3,541,750 20,975,000 2046 517,049 125,026 642,076 2,923,877 2,053,097 640,027 2,693,125 15,165,986 39,853 11,803 51,656 275,137 2,610,000 776,856 3,386,856 18,365,000 2047 540,052 104,359 644,411 2,383,825 2,018,389 561,855 2,580,244 13,147,597 41,558 10,174 51,732 233,578 2,600,000 676,388 3,276,388 15,765,000 2049 582,555 60,416 642,972 1,238,894 2,057,477 401,527 2,459,003 9,035,759 44,968 6,713 51,681 145,347 2,685,000 468,656 3,153,555 10,420,000 2049 582,555 60,416 642,972 1,238,894 2,057,477 401,527 2,459,003 9,035,759 44,968 6,713 51,681 145,347 2,685,000 468,656 3,153,555 10,420,000 2049 582,555 60,416 642,972 1,238,894 2,057,477 401,527 2,459,003 9,035,759 44,968 6,713 51,681 145,347 2,685,000 468,656 3,153,555 10,420,000 2049 582,555 60,416 642,972 1,238,894 2,057,477 401,527 2,459,003 9,035,759 44,968 6,713 51,681 145,347 2,685	2036	1,751,207	533,907	2,285,113	12,923,192	2,156,145	1,442,291	3,598,436	37,367,964	376,640	111,698	488,338	2,580,373	4,283,992		6,371,887	
2039 1,948,710 322,135 2,270,845 7,255,696 2,136,241 1,215,709 3,351,949 30,950,884 435,050 62,038 497,088 1,333,420 4,520,000 1,599,881 6,119,881 39,540,000 2040 1,214,720 261,156 1,475,876 6,040,976 2,208,951 1,137,278 3,346,229 28,741,932 446,328 44,410 490,739 887,092 3,870,000 1,442,844 5,312,844 35,670,000 2041 520,051 226,838 746,889 5,520,925 2,287,342 1,055,993 3,343,335 26,454,590 262,607 30,232 292,839 624,484 3,070,000 1,313,063 4,383,063 32,600,000 2042 538,205 206,067 744,272 4,982,720 2,372,909 971,675 3,344,584 24,081,682 113,886 22,702 136,588 510,599 3,025,000 1,200,444 4,225,444 29,575,000 2043 562,372 184,465 74,6837 4,420,348 2,457,250 884,168 <td< td=""><td>2037</td><td>1,819,394</td><td>465,634</td><td>2,285,028</td><td>11,103,798</td><td>2,229,215</td><td>1,367,583</td><td>3,596,799</td><td>35,138,748</td><td>397,919</td><td>95,582</td><td>493,500</td><td></td><td></td><td></td><td></td><td></td></td<>	2037	1,819,394	465,634	2,285,028	11,103,798	2,229,215	1,367,583	3,596,799	35,138,748	397,919	95,582	493,500					
2040 1,214,720 261,156 1,475,876 6,040,976 2,208,951 1,137,278 3,346,229 28,741,932 446,328 44,410 490,739 887,092 3,870,000 1,442,844 5,312,844 35,670,000 2041 520,051 226,838 746,889 5,520,925 2,287,342 1,055,993 3,343,335 26,454,590 262,607 30,232 292,839 624,484 3,070,000 1,313,063 4,383,063 32,600,000 2042 538,205 206,067 744,272 4,982,720 2,372,909 971,675 3,344,584 24,081,682 113,886 22,702 136,588 510,599 3,025,000 1,200,444 4,225,444 29,575,000 2043 562,372 184,465 746,837 4,420,348 2,457,250 884,168 3,341,419 21,624,431 120,378 18,016 138,394 390,221 3,140,000 1,086,650 4,226,650 26,435,000 2044 481,539 164,013 645,552 3,938,809 2,276,591 798,797 3,075,388 19,347,840 36,870 14,871 51,741 353,351 2,795,000 977,681 3,772,681 23,640,000 2045 497,883 144,867 642,749 3,440,926 2,128,756 718,516 2,847,272 17,219,084 38,361 13,367 51,728 314,990 2,665,000 876,750 3,541,750 20,975,000 2046 517,049 125,026 642,076 2,923,877 2,053,097 640,027 2,693,125 15,165,986 39,853 11,803 51,656 275,137 2,610,000 776,856 3,386,856 18,365,000 2047 540,052 104,359 644,411 2,383,825 2,018,389 561,855 2,580,244 13,147,597 41,558 10,174 51,732 233,578 2,600,000 676,388 3,276,388 15,765,000 2049 582,555 60,416 642,972 1,238,894 2,057,477 401,527 2,459,003 9,035,759 44,968 6,713 51,681 145,347 2,685,000 468,656 3,153,656 10,420,000 2049 582,555 60,416 642,972 1,238,894 2,057,477 401,527 2,459,003 9,035,759 44,968 6,713 51,681 145,347 2,685,000 468,656 3,153,656 10,420,000	2038	1,899,392	394,921	2,294,313	9,204,406	2,051,624	1,291,198	3,342,822	33,087,124	413,984	79,018	493,003	1,768,470				
2041 520,051 226,838 746,889 5,520,925 2,287,342 1,055,993 3,343,335 26,454,590 262,607 30,232 292,839 624,484 3,070,000 1,313,063 4,383,063 32,600,000 2042 538,205 206,067 744,272 4,982,720 2,372,909 971,675 3,344,584 24,081,682 113,886 22,702 136,588 510,599 3,025,000 1,200,444 4,225,444 29,575,000 2043 562,372 184,465 746,837 4,420,348 2,457,250 884,168 3,341,419 21,624,431 120,378 18,016 138,394 390,221 3,140,000 1,086,650 4,226,650 26,435,000 2044 481,539 164,013 645,552 3,938,809 2,276,591 798,797 3,075,388 19,347,840 36,870 14,871 51,741 353,351 2,795,000 977,681 3,772,681 23,640,000 2045 497,883 144,867 642,749 3,440,926 2,128,755 718,516 2,847,272 17,219,084 38,361 13,367 51,728 314,990 2,665,000 876,750 3,541,750 20,975,000 2046 517,049 125,026 642,076 2,923,877 2,053,097 640,027 2,693,125 15,165,986 39,853 11,803 51,656 275,137 2,610,000 776,856 3,386,856 18,365,000 2047 540,052 104,359 644,411 2,383,825 2,018,389 561,855 2,580,244 13,147,597 41,558 10,174 51,732 233,578 2,600,000 676,388 3,276,388 15,765,000 2049 582,555 60,416 642,972 1,238,894 2,057,477 401,527 2,459,003 9,035,759 44,968 6,713 51,681 145,347 2,685,000 468,656 3,153,656 10,420,000	2039	1,948,710	322,135	2,270,845	7,255,696	2,136,241	1,215,709	3,351,949	30,950,884		62,038						
2042 538,205 206,067 744,272 4,982,720 2,372,909 971,675 3,344,584 24,081,682 113,886 22,702 136,588 510,599 3,025,000 1,200,444 4,225,444 29,575,000 2043 562,372 184,465 746,837 4,420,348 2,457,250 884,168 3,341,419 21,624,431 120,378 18,016 138,394 390,221 3,140,000 1,086,650 4,226,650 26,435,000 2044 481,539 164,013 645,552 3,938,809 2,276,591 798,797 3,075,388 19,347,840 36,870 14,871 51,741 353,351 2,795,000 977,681 3,772,681 23,640,000 2045 497,883 144,867 642,749 3,440,926 2,128,755 718,516 2,847,272 17,219,084 38,361 13,367 51,728 314,990 2,665,000 876,750 3,541,750 20,975,000 2046 517,049 125,026 642,076 2,923,877 2,053,097 640,027 2,693,125 15,165,986 39,853 11,803 51,656 275,137 2,610,000 776,856 3,386,856 18,365,000 2047 540,052 104,359 644,411 2,383,825 2,018,389 561,855 2,580,244 13,147,597 41,558 10,174 51,732 233,578 2,600,000 676,388 3,276,388 15,765,000 2048 562,376 82,803 645,179 1,821,449 2,054,361 482,519 2,536,880 11,093,236 43,263 8,478 51,741 190,315 2,660,000 573,800 3,233,800 13,105,000 2049 582,555 60,416 642,972 1,238,894 2,057,477 401,527 2,459,003 9,035,759 44,968 6,713 51,681 145,347 2,685,000 468,656 3,153,656 10,420,000	2040	1,214,720	261,156	1,475,876	6,040,976	2,208,951	1,137,278		28,741,932	446,328	44,410	•	887,092				
2043 562,372 184,465 746,837 4,420,348 2,457,250 884,168 3,341,419 21,624,431 120,378 18,016 138,394 390,221 3,140,000 1,086,650 4,226,650 26,435,000 2044 481,539 164,013 645,552 3,938,809 2,276,591 798,797 3,075,388 19,347,840 36,870 14,871 51,741 353,351 2,795,000 977,681 3,772,681 23,640,000 2045 497,883 144,867 642,749 3,440,926 2,128,756 718,516 2,847,272 17,219,084 38,361 13,367 51,728 314,990 2,665,000 876,750 3,541,750 20,975,000 2046 517,049 125,026 642,076 2,923,877 2,053,097 640,027 2,693,125 15,165,986 39,853 11,803 51,656 275,137 2,610,000 776,856 3,386,856 18,365,000 2047 540,052 104,359 644,411 2,383,825 2,018,389 561,855 2,580,244 13,147,597 41,558 10,174 51,732 233,578 2,600,000 676,388 3,276,388 15,765,000 2048 562,376 82,803 645,179 1,821,449 2,054,361 482,519 2,536,880 11,093,236 43,263 8,478 51,741 190,315 2,660,000 573,800 3,233,800 13,105,000 2049 582,555 60,416 642,972 1,238,894 2,057,477 401,527 2,459,003 9,035,759 44,968 6,713 51,681 145,347 2,685,000 468,656 3,153,656 10,420,000	2041	520,051	226,838	746,889	5,520,925	2,287,342	1,055,993	3,343,335	26,454,590	262,607	,		•				
2044 481,539 164,013 645,552 3,938,809 2,276,591 798,797 3,075,388 19,347,840 36,870 14,871 51,741 353,351 2,795,000 977,681 3,772,681 23,640,000 2045 497,883 144,867 642,749 3,440,926 2,128,756 718,516 2,847,272 17,219,084 38,361 13,367 51,728 314,990 2,665,000 876,750 3,541,750 20,975,000 2046 517,049 125,026 642,076 2,923,877 2,053,097 640,027 2,693,125 15,165,986 39,853 11,803 51,656 275,137 2,610,000 776,856 3,386,856 18,365,000 2047 540,052 104,359 644,411 2,383,825 2,018,389 561,855 2,580,244 13,147,597 41,558 10,174 51,732 233,578 2,600,000 676,388 3,276,388 15,765,000 2048 562,376 82,803 645,179 1,821,449 2,054,361 482,519 2,536,880 11,093,236 43,263 8,478 51,741 190,315 2,660,000 573,800 3,233,800 13,105,000 2049 582,555 60,416 642,972 1,238,894 2,057,477 401,527 2,459,003 9,035,759 44,968 6,713 51,681 145,347 2,685,000 468,656 3,153,656 10,420,000	2042	538,205	206,067	744,272	4,982,720			3,344,584	24,081,682	-	•	-					
2045 497,883 144,867 642,749 3,440,926 2,128,756 718,516 2,847,272 17,219,084 38,361 13,367 51,728 314,990 2,665,000 876,750 3,541,750 20,975,000 2046 517,049 125,026 642,076 2,923,877 2,053,097 640,027 2,693,125 15,165,986 39,853 11,803 51,656 275,137 2,610,000 776,856 3,386,856 18,365,000 2047 540,052 104,359 644,411 2,383,825 2,018,389 561,855 2,580,244 13,147,597 41,558 10,174 51,732 233,578 2,600,000 676,388 3,276,388 15,765,000 2048 562,376 82,803 645,179 1,821,449 2,054,361 482,519 2,536,880 11,093,236 43,263 8,478 51,741 190,315 2,660,000 573,800 3,233,800 13,105,000 2049 582,555 60,416 642,972 1,238,894 2,057,477 401,527 2,459,003 9,035,759 44,968 6,713 51,681 145,347 2,685,000 468,656 3,153,656 10,420,000	2043	562,372	184,465	746,837			884,168	3,341,419	21,624,431		•						
2046 517,049 125,026 642,076 2,923,877 2,053,097 640,027 2,693,125 15,165,986 39,853 11,803 51,656 275,137 2,610,000 776,856 3,386,856 18,365,000 2047 540,052 104,359 644,411 2,383,825 2,018,389 561,855 2,580,244 13,147,597 41,558 10,174 51,732 233,578 2,600,000 676,388 3,276,388 15,765,000 2048 562,376 82,803 645,179 1,821,449 2,054,361 482,519 2,536,880 11,093,236 43,263 8,478 51,741 190,315 2,660,000 573,800 3,233,800 13,105,000 2049 582,555 60,416 642,972 1,238,894 2,057,477 401,527 2,459,003 9,035,759 44,968 6,713 51,681 145,347 2,685,000 468,656 3,153,656 10,420,000	2044	481,539	164,013	645,552	3,938,809	2,276,591	798,797	3,075,388		36,870	•	•	•		•		
2047 540,052 104,359 644,411 2,383,825 2,018,389 561,855 2,580,244 13,147,597 41,558 10,174 51,732 233,578 2,600,000 676,388 3,276,388 15,765,000 2048 562,376 82,803 645,179 1,821,449 2,054,361 482,519 2,536,880 11,093,236 43,263 8,478 51,741 190,315 2,660,000 573,800 3,233,800 13,105,000 2049 582,555 60,416 642,972 1,238,894 2,057,477 401,527 2,459,003 9,035,759 44,968 6,713 51,681 145,347 2,685,000 468,656 3,153,656 10,420,000	2045	497,883	144,867	642,749	3,440,926	2,128,756		2,847,272	17,219,084	38,361		•					
2048 562,376 82,803 645,179 1,821,449 2,054,361 482,519 2,536,880 11,093,236 43,263 8,478 51,741 190,315 2,660,000 573,800 3,233,800 13,105,000 2049 582,555 60,416 642,972 1,238,894 2,057,477 401,527 2,459,003 9,035,759 44,968 6,713 51,681 145,347 2,685,000 468,656 3,153,656 10,420,000	2046	517,049	125,026	642,076	2,923,877	2,053,097	640,027	2,693,125	15,165,986		-	•		, .	•		
2049 582,555 60,416 642,972 1,238,894 2,057,477 401,527 2,459,003 9,035,759 44,968 6,713 51,681 145,347 2,685,000 468,656 3,153,656 10,420,000	2047	540,052	104,359	644,411	2,383,825	2,018,389	561,855	2,580,244	13,147,597								
	2048	562,376	82,803	645,179	1,821,449	2,054,361	482,519	2,536,880	11,093,236			-	-				
2050 601,604 37,258 638,862 637,290 2,136,510 318,347 2,454,857 6,899,249 46,886 4,876 51,762 98,461 2,785,000 360,481 3,145,481 7,635,000	2049	582,555	60,416	642,972	1,238,894	2,057,477	401,527	2,459,003	9,035,759	44,968	-		•				
	2050	601,604	37,258	638,862	637,290	2,136,510	318,347	2,454,857	6,899,249	46,886	4,876	51,762	98,461	2,785,000	360,481	3,145,481	7,635,000

2,408,400

5,867,998

8,276,397

90,797,278

36,342,595

Chart 28 Outstanding Bonds Payable Includes Existing and Planned Debt Issuance

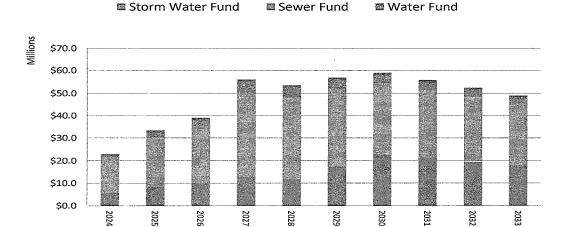
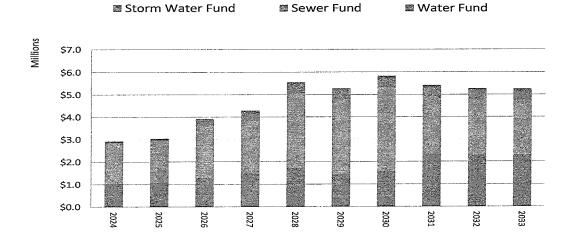


Chart 29
Debt Service Payable
Includes Existing and Planned Debt Issuance



Capital Improvement Plan

The bonds outstanding and annual debt service amounts shown in the charts here are for the combined total estimated debt payable from revenues from the Water Fund, Sewer Fund, and Storm Water Fund.

The charts include combined existing debt and future estimated debt based on anticipated bond issuance as shown in the Plan.

The charts include debt supported by utility revenue only and does not include debt payable from property tax levy or other sources of revenue.

FINANCIAL PLANS

Revenue Sufficiency

Based on historical financial performance, current utility rates and structure, and anticipated future capital projects, financial plans have been prepared for the Utility Funds.

The reports demonstrate revenue sufficiency, which is the level of revenue needed to satisfy each system's projected operating, capital costs, and debt service while maintaining adequate reserves for future capital needs of the systems.

The following reports are provided for the Water Fund, Sewer Fund, and Storm Fund:

- Pro Forma Includes information on annual revenues and expenses and balance sheet items.
- Year End Cash Balance Includes explanation of the projected changes in year end cash balances.
- Customers/Usage and Rates Includes the number of customers, usage (volume billed) for prior years and projections for future years. Revenues by non-volume basis and volume basis are shown by customer type.

Key Assumptions

The financial plans are based on certain key assumptions, which are as follows:

Operating expenditures, including personnel costs, materials supplies, utilities and all other operating expense will increase by approximately 3.0%-5.0% per year.

- <u>Depreciation</u> is adjusted for anticipated annual depreciable capital acquisitions. New capital is depreciated over a 50 year term in the Plan.
- <u>Capital improvement plan</u> will be implemented at estimated project costs and sources of funding as included in the Plan.
- Water customers and volume billed is based on historical customer volumes plus estimates for future development. The Plan anticipates an average annual increase of approximately 80 new residential customer units annually.
- Rate increases to provide revenue sufficiency. The Plan anticipates fees and charges will increase annually to provide revenue sufficiency.
- Base rate and volume based tiered rate structure includes charging a fixed bimonthly fee for water, sanitary sewer, and storm water services, consistent with the past structure for billing with annual increases proposed. Specific to the Water Fund, the Plan proposes a three-tiered volume-based rate structure in 2025, including maximum volumes per tier, to promote water conservation.
- Development related charges for connection and access (city WAC and SAC) are accounted for in the Water Fund and the Sewer Fund. There are no access charges for the Storm Water Fund. The timing of collection of development related charges does not directly correlate to the use of funds for capital improvements. Development related charges that have been collected but not spent are reflected in the cash reserve balances of the funds. The Plan assumes annual inflationary adjustments to the WAC, SAC and Trunk Charges. The City has in recent years held these fees constant.

WATER FUND

Background

The Water Fund is used to account for the operating and capital improvement costs related to maintenance of the water utility system. The Fund is in sound financial condition. Future financial performance will be impacted by future capital improvement needs and the timing of future development in the City.

Future development will increase the demands on the water utility infrastructure but will also provide increased revenue to support the maintenance and operation of the system. Expansion of infrastructure, including treatment may be needed in the future. The City anticipates collection of future development related revenue, which is reported as revenue in the Water Fund.

Revenues

The major source of revenue comes from the collection of bimonthly charges, including a fixed based charge to each customer, along with volume-based charges for water use.

The financial plan for the Water Fund reflects the adopted rates for 2024 and the implementation of the proposed new tier structure for charging water volume billed in 2025 and then annual adjustments in future years to provide revenue sufficiency.

Expenses

The expenses are for payment of operating expenses, debt service expense, and depreciation expense.

The Plan anticipates a 3.0%-5.0% annual inflationary increase in operating expenses.

Debt service expense includes interest expense on both existing outstanding bonds and for anticipated new issuance. The Plan models annual depreciation expense on both existing capital assets and anticipated new assets to be acquired.

The Water Fund includes annual transfers to other funds based on historical levels or estimates provided by the City.

Cash Balance

The financial plan includes projected assets and liabilities for the Fund. This includes projected annual year-end cash balance.

Based on assumptions in the Plan it is projected that the cash balance position of the Fund will increase over the planning period. The Fund is projected to have future cash sufficient to meet the objectives for cash balance, including cash sufficient to cover:

- Three-months of operating expense
- Following year debt service payments
- Following year capital acquisition (planned to be paid from cash)
- Reserves for future capital improvements

The sufficiency of the estimated reserves for capital improvements in the Water Fund will depend on future capital improvement projects that may not yet be programmed in the CIP.

Financial Plans

WATER FUND

WATER FUND

City of Sartell
Finance Plan

Finance Plan												
Water Fund												
	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033
	Actual	Actual	Estimated	Proj	Proj	Proj	Proj	Proj	Proj	Proj	Proj	Proj
				· ···	-							
Revenues												
Charges for services	2,423,682	3,091,217	3,000,000	3,827,438	3,974,567	4,092,893	4,214,461	4,393,116	4,574,058	4,757,334	4,942,992	5,131,083
Availability charges	43,608	17,822	45,000	-	-	-	-	-	-	-	-	-
Intergovernmental revenues for capital	-	-	225,000	-	-	-	-	-	-	-	-	-
Capital contributions - non-cash	1,057,420	128,138	-	-	-	-	-	-	-	=	-	-
Sales of meters	22,803	17,570	10,000	10,300	10,609	10,927	11,25 5	11,593	11,941	12,299	12,668	13,048
Penalties and other revenues	28,058	50,432	20,000	20,600	21,218	21,855	22,510	23,185	23,881	24,597	25,335	26,095
Investment income and other earnings	(134,592)	182,557	-	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000
Connection charges	794,768	126,093	350,000	305,885	321,457	337,425	354,607	370,578	387,782	405,415	423,487	442,880
Intergovernmental revenues	1,877	47	-	_	-	·-	-	-	-	-	-	-
Other revenues and special items	31,564	36,364	_	_	-	-	_	-	-	_	-	-
Special item	1,630	1,125	1,000	1,030	1,061	1,093	1,126	1,159	1,194	1,230	1,267	1,305
Transfers in	-,	4,055	-,		-	-	-	-	-	´-	· -	-
Capital contributions	134,023	163,247	_	_	_	_	_	-	_	_	-	-
Total Revenues	4,404,841	3,818,667	3,651,000	4.185.253	4,348,912	4.484.192	4,623,958	4,819,632	5,018,856	5.220.875	5,425,749	5,634,411
Total Acyclides	171017012		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		, ,						
Expenses												
Fixed Expenses												
Personnel services	650,183	796,631	776,540	420,000	441,000	463,050	486,203	510,513	536,038	562,840	590,982	620,531
Personnel services / FTE changes	_	-	-	-	-	55,000	56,650	58,350	60,100	61,903	63,760	65,673
Transfers out General Fund	40,000	42,400	45,000	47,250	49,613	52,093	54,698	57,433	60,304	63,320	66,485	69,810
Transfer out Debt Service Fund	166,411	112,947	175,961	175,961	175,961	175,961	175,961	175,961	75,961	75,961	75,961	75,961
Transfer out Other Funds	-	· <u>-</u>	-	-	-	-	-	-	-	-	-	-
Interest and fiscal expense	215,499	213,303	210,975	182,875	285,384	361,781	476,319	437,579	638,766	838,180	781,198	722,546
Depreciation	965,092	1,056,655	1,071,015	1,141,097	1,196,138	1,272,171	1,323,856	1,456,717	1,618,640	1,665,990	1,665,990	1,665,990
Subtotal Fixed Expenses	2,037,185	2,221,936	2,279,491	1,967,183	2,148,095	2,380,056	2,573,686	2,696,552	2,989,810	3,268,194	3,244,377	3,220,511
												
Variable Expenses												
Supplies	533,268	270,891	431,700	444,651	457,991	471,730	485,882	500,459	515,472	530,937	546,865	563,271
Back Flow Prevention	-	-	-	30,000	30,900	31,827	32,782	33,765	-	-	-	
Professional services and other expense	215,317	430,134	406,750	418,953	431,521	444,467	457,801	471,535	485,681	500,251	515,259	530,716
Utilities	143,966	150,760	165,500	170,465	175 ,57 9	180,846	186,272	191,860	197,616	203,544	209,650	215,940
Bond issuance cost	-	-	-	69,407	54,303	76,187	-	130,000	120,000	-	-	-
Subtotal Variable Expenses	892,551	851,785	1,003,950	1,133,476	1,150,293	1,205,057	1,162,736	1,327,618	1,318,769	1,234,732	1,271,774	1,309,927
•												
Total Expenses	2,929,736	3,073,721	3,283,441	3,100,659	3,298,389	3,585,113	3,736,422	4,024,171	4,308,578	4,502,926	4,516,151	4,530,438
	24 720 774	20 24 4 070	36.050.033	27 227 201	20 //11 075	20 462 409	30,361,577	31,249,113	32,044,575	32,754,852	33,472,802	34,382,400
Beginning net position	24,739,771	26,214,876	26,959,822	27,327,381	28,411,975	29,462,498		795,462	710,277	717,950	909,598	1,103,972
Change in Net Position	1,475,105	744,946	367,559	1,084,594	1,050,523	899,079	887,536	133,402	110,277	111,550	505,556	
Prior period adjustments and other changes		- 	-	-	-	- 	24 240 442	22.044.575	22 754 052	22 472 002	34,382,400	35,486,372
Ending net position	26,214,876	26,959,822	27,327,381	28,411,975	29,462,498	30,361,577	31,249,113	32,044,575	32,754,852	33,472,802	54,56Z, 4 UU	33,400,372

Table 8

Water Fund

The transfer of the second		J. A. C. W. Harrison, A. C.		124 - 124 - 175 - 124 - 124 - 124						Fina	ncial F	Plans
					Table 8					38/	ATER FUN	nD.
City of Sartell				W	ater Fund					VV	AILINIUI	VD.
•												
Finance Plan												
Water Fund												
	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033
	Actual	Actual	Estimated	Proj	Proj	Proj	Proj	Proj	Proj	Proj	Proj	Proj
Assets and Deferred Outflow of Resources												
Cash and cash equivalents	3,758,445	3,839,063	3,412,802	3,636,965	3,751,640	4,900,053	3,091,091	4,539,751	5,432,601	4,194,436	5,247,754	6,445,497
Due from other governments		15,841	-	-	-	-	-	-	_	-	-	-
Due from Sewer Fund	-	-	_	1,000,000	2,000,000	1,800,000	1,900,000	1,750,000	250,000	-	-	-
Special assessments receivable	-	365,614	365,614	365,614	365,614	365,614	365,614	365,614	365,614	365,614	365,614	365,614
Other assets / receivables	406,160	42,381	50,000	50,500	51,005	51,515	52,030	52,551	53,076	53,607	54,143	54,684
Capital assets	50,445,853	51,128,921	51,846,921	55,351,033	58,103,063	61,904,719	64,488,950	71,132,034	79,228,168	81,595,675	81,595,675	81,595,675
Less Accumulated depreciation	(18,770,928)	(19,827,583)	(20,898,598)	(22,039,695)	(23,235,833)	(24,508,004)	(25,831,860)	(27,288,577)	(28,907,217)	(30,573,207)	(32,239,197)	(33,905,187)
Deferred outflows of resources	158,850	151,705	155,000	155,000	155,000	155,000	155,000	155,000	155,000	155,000	155,000	155,000
Total Assets and Deferred Outflows	35,998,380	35,715,942	34,931,739	38,519,416	41,190,489	44,668,897	44,220,826	50,706,373	56,577,243	55,791,125	55,178,989	54,711,283
Liabilities and Deferred Inflow of Resources												
Other current liabilities / payables	112,877	105,364	110,000	110,000	110,000	110,000	110,000	110,000	110,000	110,000	110,000	110,000
Contracts payable	79,296	107,417	-	-	-	-	-	-	-	-	-	-
Due to other governments	8,977	24,664	-	-	-	-	-	-	-	-	-	-
Bonds payable	7,340,000	6,550,000	5,715,000	8,393,519	10,186,961	12,936,893	11,669,828	17,376,602	22,552,214	21,061,664	19,552,097	17,991,367
Unamortized bond premium	317,855	282,620	254,358	228,922	206,030	185,427	166,884	150,196	135,176	121,659	109,493	98,544
Net pension liability (non-current)	427,688	382,729	400,000	400,000	400,000	400,000	400,000	400,000	400,000	400,000	400,000	400,000
Other non-current liabilities	1,491,347	1,193,189	1,000,000	850,000	700,000	550,000	500,000	500,000	500,000	500,000	500,000	500,000
Due to Water Fund	-	-	-	-	-	-	-	-	-	-	-	-
Deferred inflows of resources	5,464	110,137	125,000	125,000	125,000	125,000	125,000	125,000	125,000	125,000	125,000	125,000
Total Liabilities and Deferred Inflows	9,783,504	8,756,120	7,604,358	10,107,442	11,727,991	14,307,320	12,971,713	18,661,798	23,822,390	22,318,323	20,796,589	19,224,911
Total Liabilities, Deferred Inflows, and Net Position	35,998,380	35,715,942	34,931,739	38,519,416	41,190,489	44,668,897	44,220,826	50,706,373	56,577,243	55,791,125	55,178,989	54,711,283
Net investments in capital assets	24,017,070	24,468,718	24,978,965	24,688,896	24,474,239	24,274,395	26,820,378	26,316,659	27,633,561	29,839,145	29,694,889	29,600,577
Unrestricted net position	2,197,806	2,491,104	2,348,416	3,723,079	4,988,259	6,087,182	4,428,735	5,727,915	5,121,291	3,633,656	4,687,511	5,885,795
			_,,	-,,	.,	-,		• •	32,754,852	33,472,802	34,382,400	35,486,372

WATER FUND

Table 9 Water Fund

City of Sartell

Ending Cash Balance

Water Fund										
	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033
	Budget	Proj	Proj .	Proj	Proj	Proj	Proj	Proj	Proj	Proj
Use of Cash										
Operations & Maintenance	1,780,490	1,484,069	1,536,991	1,646,920	1,705,589	1,766,481	1,794,907	1,859,475	1,926,516	1,996,131
Capital Acquisition and Cost of Issuance of Bonds	718,000	3,573,519	2,806,333	3,877,843	2,584,231	6,773,084	8,216,134	2,367,507	-	-
Other Interfund Transfers	45,000	47,250	49,613	52,093	54,698	57,433	60,304	63,320	66,485	69,810
Debt Service (includes transfers for debt)	1,221,936	1,253,836	1,474,236	1,667,679	1,919,344	1,636,766	1,659,115	2,404,691	2,366,727	2,359,236
Total Use of Cash	3,765,426	6,358,674	5,867,172	7,244,535	6,263,862	10,233,764	11,730,460	6,694,992	4,359,728	4,425,177
Source of Cash										
Revenue from Service Charges	3,256,000	3,879,368	4,027,455	4,146,768	4,269,351	4,449,054	4,631,074	4,815,460	5,002,262	5,191,531
Revenue from Intergovernmental for Capital	, , <u>.</u>		, ´-	-		• •	-	-	· · ·	· · · ·
Revenue from Connection and Availability Charges	395,000	305,885	321,457	337,425	354,607	370,578	387,782	405,415	423,487	442,880
Bond Proceeds	-	3,573,519	2,806,333	3,877,843	-	6,730,000	6,120,000	-	-	-
Interfund Transfers	-	-	-	-	-	-	-	-	-	-
Total Source of Cash	3,651,000	7,758,772	7,155,245	8,362,035	4,623,958	11,549,632	11,138,856	5,220,875	5,425,749	5,634,411
Net Change in Other Assets and Liabilities	(311,835)	(1,175,936)	(1,173,397)	28,887	(169,058)	132,791	1,484,455	235,952	(12,702)	(11,491)
Change in Cash Balance	(426,261)	224,162	114,676	1,146,387	(1,808,962)	1,448,660	892,850	(1,238,165)	1,053,318	1,197,743
Beginning Cash Balance	3,839,063	3,412,802	3,636,964	3,751,640	4,898,027	3,089,065	4,537,725	5,430,576	4,192,410	5,245,729
Total Projected Ending Cash	3,412,802	3,636,964	3,751,640	4,898,027	3,089,065	4,537,725	5,430,576	4,192,410	5,245,729	6,443,471
Ending Cash by Purpose										
For future capital improvements	1,787,949	1,778,481	1,6 7 2,231	(31,946)	967,595	333,749	193,509	1,344,054	2,387,459	3,560,525
For following year pay-go capital	-	-	-	2,584,231	43,084	2,096,134	2,367,507	-	-	-
For 3-months of operating cash	371,017	384,248	411,730	426,397	441,620	448,727	464,869	481,629	499,033	517,106
For following year debt service	1,253,836	1,474,236	1,667,679	1,919,344	1,636,766	1,659,115	2,404,691	2,366,727	2,359,236	2,365,840
Fotal Projected Ending Cash	3,412,802	3,636,964	3,751,640	4,898,027	3,089,065	4,537,725	5,430,576	4,192,410	5,245,729	6,443,471

Note: Cash balances include cash and investments.

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			Table 10 Water Fun	d						WATE	ER FUNI)
City of Sartell												
Customers and Charges for Sales and Development Revenue												
Water Fund												
	2022	2023	2024	2025	2026		2028	2029	2030	2031	2032	
	Actual	Actual	Budget	Proj	Proj	Proj	Proj	Proj	Proj	Proj	Proj	Proj
CUSTOMER DATA												
Average Annual Billing Units (Customers)												
Residential	4,870	4,944	5,018	5,093	5,170	5,247	5,326	5,406	5,487	5,569	5,653	5,738
Commercial	214	234	236	239	241	244	246	248	251	253	256	258
Industrial	5	2	2	2	2	2	2	2	2	2	2	2
Total Customers	5,089	5,180	5,257	5,334	5,413	5,493	5,574	5,656	5,740	5,825	5,911	5,998
Volume (in thousands of gallons)												
Residential	560,000	714,080	688,900	693,793	698,759	703,800	708,916	714,109	719,380	724,730	730,160	735,671
Commercial	150,000	169,083	164,235	164,389	164,544	164,701	164,859	165,019	165,180	165,343	165,508	165,674
Non-Profit	-	-	-	-	-	-	-	-	-	-	-	-
Governmental	-	-	-	-	-	-	-	-	-	-	-	-
Industrial	15,000	17,455	17,455	17,455	17,455	17,455	17,455 -	17,455	17,455	17,455 -	17,455	17,455
Irrigation	705.000	-	-	-	-	-		-			-	-
Total Volume	725,000	900,618	870,591	875,637	880,758	885,955	891,230	896,583	902,015	907,528	913,123	918,801
REVENUE												
Revenue - Base Charge												
Residential	\$146,105	\$148,320	\$150,545	\$183,364	\$193,869	\$201,499	\$210,913	\$220,564	\$230,457	\$240,597	\$250,990	\$261,640
Commercial	\$6,410	\$7,020	\$7,090	\$8,593	\$9,041	\$9,350	\$9,739	\$10,135	\$10,537	\$10,946		\$11,787
Non-Profit	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Governmental	\$0	\$0	\$0 ****	\$0 ****	\$0	\$0	\$0 \$70	\$0 \$00	\$0 \$0.4	\$0	\$0 \$00	\$0 \$04
Industrial	\$145	\$60	\$60	\$72 \$0	\$75 \$0	\$77 \$0	\$79 \$0	\$82 \$0	\$84 \$0	\$86 \$0	\$89 \$0	\$91 \$0
Irrigation Total Revenue	\$0 \$152,660	\$0 \$155,400	\$0 \$157,695	\$0 \$192,029	\$202,985	\$210,927	\$220,732	\$230,780	\$241,078	\$251,630	\$262,441	\$273,518
Revenue - Volume Charge												
Residential	\$1,736,000	\$2,320,760	\$2,342,261	\$2,809,966	\$2,918,927	\$3,010,363	\$3,103,138	\$3,236,056	\$3,370,942	\$3,507,836	\$3,646,783	\$3,787,825
Commercial	\$465,000	\$549,520	\$558,399	\$744,903	\$769,522	\$786,725	\$803,967	\$836,216	\$868,534	\$900,922	\$933,382	\$965,914
Non-Profit	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Governmental	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Industrial	\$46,500	\$56,729	\$59,347	\$80,540	\$83,133	\$84,878	\$86,624	\$90,064	\$93,505	\$96,945	\$100,385	\$103,826
Irrigation	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total Revenue	\$2,247,500	\$2,927,009	\$2,960,008	\$3,635,409	\$3,771,582	\$3,881,967	\$3,993,729	\$4,162,336	\$4,332,980	\$4,505,704	\$4,680,551	\$4,857,565

Andrew State (1994)	· · · · · · · · · · · · · · · · · · ·								r	inanc	lai Pi	ans
			Table 10 Water Fun							WATI	ER FUNI)
City of Sartell			TTGTCT T GIT	u								
Customers and Charges for Sales and Development Revenue												
Water Fund												
	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033
	Actual	Actual	Budget	Proj	Proj	Proj	Proj	Proj	Proj	Proj	Proj	Proj
Connection Charge	1						4				****	4.00.00=
Residential	\$794,768	\$126,093	\$283,365	\$296,573	\$311,718	\$327,250	\$343,966	\$359,511	\$376,256 \$11,526	\$393,423 \$11,992	\$411,020 \$12,467	\$429,905
Commercial Non-Profit	\$0 \$0	\$0 \$0	\$8,941 \$0	\$9,312 \$0	\$9,739 \$0	\$10,174 \$0	\$10,641 \$0	\$11,067 \$0	\$11,526	\$11,992	\$12,467 \$0	\$12,975 \$0
Governmental	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0		\$0 \$0	\$0 \$0	\$0 \$0
Industrial	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0		\$0	\$0	\$0 \$0
Irrigation	\$0 \$0	\$0	\$0 \$0	\$0	\$0	\$0	\$0	\$0		\$0	\$0	\$0
Total Revenue	\$794,768	\$126,093	\$292,306	\$305,885	\$321,457	\$337,425	\$354,607	\$370,578	-	\$405,415	\$423,487	\$442,880
Availability Charge (Trunk)												
Residential	\$43,282	\$17,822	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Commercial	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Non-Profit	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Governmental	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Industrial	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Irrigation	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total Revenue	\$43,282	\$17,822	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	I											
Total Revenue	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total Unadjusted Revenue	\$3,238,210	\$3,226,324	\$3,410,009	\$4,133,323	\$4,296,024	\$4,430,318	\$4,569,067	\$4,763,695	\$4,961,840	\$5,162,749	\$5,366,479	\$5,573,963
Adjustments / other changes ¹	\$23,848	\$8,809	-\$15,009									
Total Revenue Calculated	\$3,262,058	\$3,235,132	\$3,395,000	\$4,133,323	\$4,296,024	\$4,430,318	\$4,569,067	\$4,763,695	\$4,961,840	\$5,162,749	\$5,366,479	\$5,573,963

Note:

^{1.} The Adjustments/other changes is the difference between how the Study calculated revenue compared to revenue reported in the city's financial statements or budget document. The difference are subject to further review. City does not have 12 months of customer data (number of customer's billed and volume billed) due to a change in the city's billing system. The amounts included for 2022 above are based on 2023 data.

SEWER FUND

Background

The Sewer Fund is used to account for the operating and capital improvement costs related to maintenance of the sanitary sewer system. The sanitary sewer utility system provides for the collection and treatment of wastewater. The treatment of wastewater is provided by the St. Cloud Wastewater Treatment Facility (the WWTF").

The Sewer Fund level of reserves and net assets as percentage of expense is comparatively less than compared to the Water Fund. The Plan proposes higher rate increases for sewer services compared to water.

Revenues

The major source of revenue comes from the collection of bimonthly charges, including a fixed based charge to each customer, along with volume-based charges for sanitary sewer volume billed.

The financial plan for the Sewer Fund reflects the adopted rates for 2025 and proposed future year increases to provide revenue sufficiency.

Expenses

The expenses are for payment of operating expenses, debt service expense, and depreciation expense. The Plan anticipates a 3.0% annual inflationary increase in operating expenses.

Debt service expense includes interest expense on both existing outstanding bonds and for anticipated new issuance.

The Plan models annual depreciation expense on both existing capital assets and anticipated new assets to be acquired. With the inclusion of depreciation expense, an operating loss is shown within the Sewer Fund in 2025. The Plan anticipates positive operating results in the Sewer Fund beginning in 2026 as a result of planned rate increases.

The Sewer Fund includes annual transfers to and from other funds based on historical levels.

WWTF charges the City a fee for the regional collection and treatment of wastewater (disposal charges). The City does not have control over this operating expense. Future charges payable to the WWTF are assumed to increase by 5.0% based on the adopted 2024 budget amount.

Cash Balance

The financial plan includes projected assets and liabilities for the Fund. This includes projected annual year-end cash balance.

Based on assumptions in the Plan it is projected that the cash balance position of the Fund will increase over the planning period. The Fund is projected to have future cash sufficient to meet the objectives for cash balance, including cash sufficient to cover:

- Three-months of operating expense
- Following year debt service payments
- Following year capital acquisition (planned to be paid from cash)
- Reserves for future capital improvements

The sufficiency of the estimated reserves for capital improvements will depend on future capital improvement projects that may not yet be programmed in the CIP.

Financial Plans

SEWER FUND

SEWER FUND

City of Sartell
Finance Plan

Sewer Fund												
	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	203
	Actual	Actual	Estimated	Proj	Proj	Proj	Proj	Proj	Proj	Proj	Proj	Pro
Revenues												
Charges for services	3,336,757	2,987,586	3,100,000	3,778,948	4,496,455	5,325,110	6,268,435	6,616,379	6,971,819	7,289,063	7,613,112	7,947,686
Availability charges	21,743	17,822	32,000	-	-	-	-	_	-	-	-	-
Intergovernmental revenues for capital	-	-	225,000	-	-	-	-	-	-	-	-	-
Capital contributions - non-cash	678,869	110,354	-	-	-	-	-	_	_	-	-	-
Penalties and other revenues	22,118	37,135	10,000	10,300	10,609	10,927	11,255	11,593	11,941	12,299	12,668	13,048
Investment income and other earnings	(21,079)	245,849	-	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000
Connection charges	535,295	91,320	280,000	247,353	261,230	275,466	290,875	306,682	323,728	342,057	360,861	381,018
Intergovernmental revenues	588	13	-	-	-	-	-	-	-	-	_	_
Other revenues and special items	18,265	107,617	-	-	_	_	_	-	-	-	-	-
Special assessments	-	-	-	-	-	-	_	_	-	-	_	-
Transfers in	232,850	235,105	233,738	0	0	0	0	0	0	0	0	0
Capital contributions	45,547	313,577	1,150,000	-	-	-	-	-	-	-	-	-
Total Revenues	4,870,953	4,146,378	5,030,738	4,056,601	4,788,295	5,631,503	6,590,565	6,954,654	7,327,487	7,663,419	8,006,641	8,361,752
Expenses												
Fixed Expenses												
Personnel services	202,142	199,637	213,780	420,000	441,000	463,050	486,203	510,513	536,038	562,840	590,982	620,531
Personnel services / FTE changes	-		-	-	-	55,000	56,650	58,350	60,100	61,903	63,760	65,673
Transfers out General Fund	40,000	42,400	45,000	47,250	49,613	52,093	54,698	57,433	60,304	63,320	66,485	69,810
Transfer out Debt Service Fund	133,293	175,546	175,961	175,961	175,961	175,961	175,961	175,961	75,961	75,961	75,961	75,961
Transfer out Other Funds	-	-	-	-	-	-	· -	· -		· -	-	-
Interest and fiscal expense	319,986	334,387	322,434	383,165	584,680	674,753	1,222,538	1,195,305	1,132,195	1,080,140	1,033,920	987,144
Depreciation	1,045,973	1,422,370	1,541,253	1,635,392	1,712,354	2,009,583	2,036,905	2,038,065	2,038,065	2,038,065	2,038,065	2,038,065
Subtotal Fixed Expenses	1,741,394	2,174,340	2,298,427	2,661,768	2,963,608	3,430,440	4,032,954	4,035,626	3,902,663	3,882,228	3,869,173	3,857,184
Variable Expenses												
Supplies	344,269	321,578	396,800	408,704	420,965	433,594	446,602	460,000	473,800	488,014	502,654	517,734
Disposal Charges	946,137	962,893	1,200,000	1,260,000	1,323,000	1,389,150	1,458,608	1,531,538	1,608,115	1,688,521	1,772,947	1,861,594
Professional services and other expense	71,965	136,512	265,200	273,156	281,351	289,791	298,485	307,439	316,663	326,163	335,947	346,026
Utilities	76,952	71,694	56,000	57,680	59,410	61,193	63,028	64,919	66,867	68,873	70,939	73,067
Bond issuance cost	•	-	70,853	139,547	75,528	299,718	25,200	-	-	-	-	-
Subtotal Variable Expenses	1,439,323	1,492,677	1,988,853	2,139,087	2,160,254	2,473,446	2,291,923	2,363,897	2,465,444	2,571,570	2,682,487	2,798,421
otal Expenses	3,180,717	3,667,017	4,287,280	4,800,855	5,123,863	5,903,886	6,324,877	6,399,522	6,368,107	6,453,798	6,551,661	6,655,605
Change in Net Position	1,690,236	479,361	743,458	(744,253)	(335,568)	(272,383)	265,688	555,132	959,380	1,209,621	1,454,980	1,706,147
nding net position	26,856,713	27,336,074	28,079,532	27,335,279	26,999,711	26,727,328		27,548,148	28,507,528	29,717,149	31,172,129	32,878,276

Table 11

Sewer Fund

SEWER FUND

City of Sartell			
Finance Plan			

Filldlice Fidil												
Sewer Fund												
	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033
	Actual	Actual	Estimated	Proj								
Assets and Deferred Outflow of Resources												
Cash and cash equivalents	3,989,519	3,074,988	435,148	3,263,659	3,933,078	4,079,070	4,199,997	4,423,358	3,291,879	4,803,447	6,853,283	9,124,361
Due from other governments	-	209,568	200,000	200,000	200,000	200,000	200,000	200,000	200,000	200,000	200,000	200,000
Due from Sewer Fund	-	-	,		-	-	-	· •	· -	· -	· -	-
Special assessments receivable	_	22,463	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000
Other assets / receivables	630,122	573,012	600,000	606,000	612,060	618,181	624,362	630,606	636,912	643,281	649,714	656,211
Capital assets	56,782,865	58,095,173	65,189,320	69,896,254	73,744,393	88,605,799	89,971,936	90,029,900	90,029,900	90,029,900	90,029,900	90,029,900
Less Accumulated depreciation	(17,590,996)	(19,013,366)	(20,554,619)	(22,190,011)	(23,902,365)	(25,911,947)	(27,948,853)	(29,986,917)	(32,024,982)	(34,063,046)	(36,101,111)	(38,139,175)
Deferred outflows of resources	49,788	40,220	45,000	45,000	45,000	45,000	45,000	45,000	45,000	45,000	45,000	45,000
Total Assets and Deferred Outflows	43,861,298	43,002,058	45,929,849	51,835,902	54,647,167	67,651,102	67,107,442	65,356,946	62,193,709	61,673,581	61,691,786	61,931,297
Liabilities and Deferred Inflow of Resources												
Other current liabilities / payables	86,478	84,746	85,000	90,000	90,000	90,000	90,000	90,000	90,000	90,000	90,000	90,000
Contracts payable	115,363	54,808	75,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000
Due to other governments	341,886	659,489	660,000	679,800	700,194	721,200	742,836	765,121	788,075	811,717	836,068	861,150
Bonds payable	15,365,519	13,897,278	16,110,317	21,760,824	23,937,262	37,442,574	36,561,591	34,433,677	31,813,106	30,309,715	28,848,589	27,356,870
Unamortized bond premium	339,382	317,422	275,000	225,000	175,000	125,000	75,000	25,000	-	-	-	-
Net pension liability (non-current)	134,048	101,470	115,000	115,000	115,000	115,000	115,000	115,000	115,000	115,000	115,000	115,000
Other non-current liabilities	620,196	521,571	500,000	500,000	500,000	500,000	500,000	500,000	500,000	500,000	500,000	500,000
Due to Water Fund		· =	-	1,000,000	2,000,000	1,800,000	1,900,000	1,750,000	250,000	-	-	-
Deferred inflows of resources	1,713	29,200	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000
Total Liabilities and Deferred Inflows	17,004,585	15,665,984	17,850,317	24,500,624	27,647,456	40,923,774	40,114,427	37,808,798	33,686,181	31,956,432	30,519,657	29,053,020
Total Liabilities, Deferred Inflows, and Net Position	43,861,298	43,002,058	45,929,849	51,835,902	54,647,167	67,651,102	67,107,442	65,356,946	62,193,709	61,673,581	61,691,786	61,931,297
Net investments in capital assets	23,486,968	24,867,107	28,249,384	25,720,420	25,729,766	25,126,277	25,386,492	25,584,305	26,191,812	25,657,138	25,080,200	24,533,854
Unrestricted net position	3,369,745	2,468,967	(169,852)	1,614,859	1,269,944	1,601,051	1,606,523	1,963,843	2,315,716	4,060,011	6,091,929	8,344,422
Total net position	26,856,713	27,336,074	28,079,532	27,335,279	26,999,711	26,727,328	26,993,016	27,548,148	28,507,528	29,717,149	31,172,129	32,878,276

Table 11

Sewer Fund

Financial Plans

SEWER FUND

Table 12 Sewer Fund

City of Sartell

Ending Cash Balance

Total Projected Ending Cash

Enamb days paramee										
Sewer Fund										
	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033
	Budget	Proj	Proj	Proj	Proj	Proj	Proj	Proj	Proj	Proj
Use of Cash										
Operations & Maintenance	2,131,780	2,419,540	2,525,726	2,691,778	2,809,575	2,932,759	3,061,583	3,196,313	3,337,230	3,484,625
Capital Acquisition and Cost of Issuance of Bonds	6,015,000	4,846,481	3,923,667	15,161,124	1,391,337	57,964	-	-	-	-
Other Interfund Transfers	45,000	47,250	49,613	52,093	54,698	57,433	60,304	63,320	66,485	69,810
Debt Service (includes transfers for debt)	1,985,356	2,055,100	2,507,870	2,514,074	3,479,482	3,499,180	3,828,727	2,659,492	2,571,007	2,554,824
Total Use of Cash	10,177,135	9,368,371	9,006,876	20,419,070	7,735,092	6,547,335	6,950,614	5,919,124	5,974,723	6,109,259
Source of Cash										
Revenue from Service Charges	3,335,000	3,809,248	4,527,064	5,356,038	6,299,690	6,647,972	7,003,759	7,321,362	7,645,780	7,980,734
Revenue from Intergovernmental for Capital	-	-	-	• •	-	-	-	-	-	_
Revenue from Connection and Availability Charges	312,000	247,353	261,230	275,466	290,875	306,682	323,728	342,057	360,861	381,018
Bond Proceeds	3,700,000	7,146,481	3,923,667	15,161,124	1,200,000	-	-	-	-	-
Interfund Transfers	233,738	0	0	0	0	0	0	0	0	0
Total Source of Cash	7,580,738	11,203,082	8,711,962	20,792,628	7,790,565	6,954,654	7,327,487	7,663,419	8,006,641	8,361,752
Net Change in Other Assets and Liabilities	(43,443)	993,800	964,334	(235,115)	65,454	(183,959)	(1,508,352)	(232,727)	17,919	18,585
Change in Cash Balance	(2,639,840)	2,828,511	669,420	138,443	120,927	223,361	(1,131,479)	1,511,568	2,049,837	2,271,078
Beginning Cash Balance	3,074,988	435,148	3,263,659	3,933,078	4,071,522	4,192,449	4,415,810	3,284,331	4,795,898	6,845,735
Total Projected Ending Cash	435,148	3,263,659	3,933,078	4,071,522	4,192,449	4,415,810	3,284,331	4,795,898	6,845,735	9,116,813
Ending Cash by Purpose										
For future capital improvements	75,162	124,357	746,060	(301,692)	(97,885)	(178,313)	(174,240)	1,390,583	3,419,755	5,650,306
For following year pay-go capital	(2,300,000)	-	-	191,337	57,964	-	-	-	-	-
For 3-months of operating cash	604,885	631,432	672,944	702,394	733,190	765,396	799,078	834,307	871,156	909,702
For following year debt service	2,055,100	2,507,870	2,514,074	3,479,482	3,499,180	3,828,727	2,659,492	2,571,007	2,554,824	2,556,806

4,071,522

4,192,449

4,415,810

Note: Cash balances include cash and investments. Capital Acquisition and Cost of Issuance of Bonds includes both City of Sartell projects and portion of St. Cloud Treatment Plan project costs allocated to City of Sartell

3,933,078

435.148

4,795,898

6,845,735 9,116,813

	Table 13									Financial Plans SEWER FUND					
City of Sartell				Sewer Fu	nd					JE	VERTOR	10			
Customers and Charges for Sales and Deve	lanmont Dave														
· · · · · · · · · · · · · · · · · · ·	iopinent keve	enue													
Sewer Fund															
	2	3	4	5		7	8	9	10	11	12				
	2022	2023	2024	2025		2027	2028	2029	2030	2031	2032				
	Actual	Actual	Budget	Proj	Proj	<u>Proj</u>									
CUSTOMER DATA															
Average Annual Billing Units (Customers)															
Residential	4,79 6	4,949	5,023	5,099	5,175	5,253	5,331	5,411	5,493	5.575	5.659	5,744			
Commercial	176	193	195	197	199	201	203	205	207	209	211	213			
Non-Profit	-	-	-	-	~	-	-	-	-	-	-	-			
Governmental	-	-	_	-	-	-	-	-	-	-	-	-			
Industrial	2	4	4	4	4	4	4	4	4	4	4	4			
Total Customers	4,974	5,146	5,222	5,299	5,378	5,458	5,538	5,620	5,704	5,788	5,874	5,961			
Volume (in thousands of gallons)	Ĭ														
Residential	408,094	314,262	309,087	313,985	318,956	324,002	329,123	334,321	339,597	344,953	350,388	355,906			
Commercial	137,173	138,771	138,896	139,023	139,151	139,280	139,411	139,543	139,676	139,810	139,946	140,083			
Non-Profit	-	-	-	-	-	-	-	-	-	-	-	-			
Governmental	-	-	-	-	-	-	-	-	-	-	-	-			
Industrial	7,608	8,456	8,456	8,456	8,456	8,456	8,456	8,456	8,456	8,456	8,456	8,456			
Total Volume	552,875	461,489	456,440	461,464	466,563	471,738	476,990	482,320	487,729	493,219	498,791	504,445			
REVENUE															
Revenue - Base Charge															
Residential	\$143,875	\$148,470	\$150,697	\$305,915	\$465,756	\$630,323	\$799,722	\$844,186	\$889,805	\$939,947	\$991,393	\$1,047,617			
Commercial	\$5,290	\$5,790	\$5,848	\$11,813	\$17,896	\$24,100	\$30,427	\$31,960	\$33,521	\$35,236	\$36,981	\$38,886			
Non-Profit	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0			
Governmental	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0			
Industrial	\$60	\$120	\$120	\$240	\$360	\$480	\$600	\$624	\$648	\$674	\$701	\$730			
Total Revenue	\$149,225	\$154,380	\$156,665	\$317,968	\$484,012	\$654,903	\$830,749	\$876,771	\$923,974	\$975,857	\$1,029,075	\$1,087,233			
Revenue - Volume Charge															
Residential	\$2,326,136	\$1,916,998	\$2,009,067	\$2,354,887	\$2,743,022	\$3,207,617	\$3,752,003	\$3,978,423	\$4,211,009	\$4,415,395	\$4,625,127	\$4,840,316			
Commercial	\$781,886	\$846,503	\$902,827	\$1,042,674	\$1,196,700	\$1,378,876	\$1,589,285	\$1,660,559	\$1,731,982	\$1,789,574	\$1,847,291				
Non-Profit	\$0	\$0	\$0 **	\$0	\$0	\$0	\$0	\$0	\$0	\$0 \$0	\$0	\$0			
Governmental	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0			
Industrial	\$43,366	\$51,582	\$54,964	\$63,420	\$72,722	\$83,714	\$96,398	\$100,626	\$104,854	\$108,237	\$111,619	\$115,002			
Total Revenue	\$3,151,388	\$2,815,083	\$2,966,858	\$3,460,981	\$4,012,443	\$4,670,207	\$5,437,686	\$5,739,609	\$6,047,845	\$6,313,206	\$6,584,037	\$6,860,453			

City of Sartell	Table 13 Sewer Fund									Financial Plans SEWER FUND			
Customers and Charges for Sales and Development Revenue													
_	pinent keve	ilue											
Sewer Fund													
	2	3	4	5	6	7	8	9	10	11	12	13	
	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	
	Actual	Actual	Budget	Proj	Proj	Proj							
Connection Charge	érar ara	ć02.250	£220 272	ć244 44E	6354.634	ć260 F06	6202 CAE	¢200.005	Ć245 7 50	ć222 C77	¢252.052	¢274 772	
Residential	\$535,050	\$92,250 \$0	\$228,273 \$5,935	\$241,115 \$6,238	\$254,674 \$6,556	\$268,586 \$6,880	\$283,645 \$7,230	\$299,096 \$7,586	\$315,758 \$7,970	\$333,677 \$8,380	\$352,062 \$8,799	\$371,772 \$9,245	
Commercial Non-Profit	\$0 \$0	\$0 \$0	\$0 \$0	\$6,238 \$0	\$0,556 \$0	\$0,000	\$7,230 \$0	\$7,586 \$0	\$7,970 \$0	\$0,560 \$0	\$6,799 \$0	\$9,245 \$0	
Governmental	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	
Industrial	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	
Total Revenue	\$535,050	\$92,250	\$234,207	\$247,353	\$261,230	\$275,466	\$290,875	\$306,682	\$323,728	\$342,057	\$360,861	\$381,018	
Availability Charge (SAC) and Interceptor Sewer Fee													
Residential	\$22,914	\$17,822	\$33,098	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
Commercial	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
Non-Profit	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
Governmental	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
Industrial	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
Total Revenue	\$22,914	\$17,822	\$33,098	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
Other													
Total Revenue	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
Total Unadjusted Revenue	\$3,858,577	\$3,079,535	\$3,390,829	\$4,026,301	\$4,757,686	\$5,600,576	\$6,559,310	\$6,923,062	\$7,295,546	\$7,631,120	\$7,973,973	\$8,328,704	
Adjustments / other changes ¹	\$35,218	\$17,193	\$21,171										
Total Revenue Calculated	\$3,893,795	\$3,096,728	\$3,412,000	\$4,026,301	\$4,757,686	\$5,600,576	\$6,559,310	\$6,923,062	\$7,295,546	\$7,631,120	\$7,973,973	\$8,328,704	

Note:

^{1.} The Adjustments/other changes is the difference between how the Study calculated revenue compared to revenue reported in the city's financial statements or budget document. The difference are subject to further review. City does not have 12 months of customer data (number of customer's billed and volume billed) due to a change in the city's billing system. The amounts included for 2022 above are based on 2023 data.

Residential Customer Water and Sewer Billing

STORM WATER FUND

Background

The Storm Water Fund is used to account for the operating and capital improvement costs related to maintenance of the storm water system.

The Plan does not include collection of a development fee, for example a trunk fee, to support the storm water system.

Revenues

The major source of revenue comes from the collection of bimonthly charges from a fixed charge that is based on customer classification.

The financial plan for the Storm Water Fund reflects the adopted rates for 2024 and proposed future rate increases to achieve revenue sufficiency.

Expenses

The expenses are for payment of operating expenses, including depreciation expense.

The Plan anticipates a 3.0% annual inflationary increase in operating expenses.

Debt service expense includes interest expense on anticipated new bond issuance.

The Storm Fund includes annual transfers to other funds based on historical levels.

Cash Balance

The financial plan includes projected assets and liabilities for the Fund. This includes projected annual year-end cash balance.

Based on assumptions in the Plan it is projected that the cash balance position of the Fund will increase over the planning period. The Fund is projected to have future cash sufficient to meet the objectives for cash balance, including cash sufficient to cover:

- Three-months of operating expense
- · Following year debt service payments
- Following year capital acquisition (planned to be paid from cash)
- · Reserves for future capital improvements

The sufficiency of the estimated reserves for capital improvements will depend on future capital improvement projects that may not yet be programmed in the CIP.

Financial Plans

STORM WATER FUND

Table 14 Storm Water Fund

STORM WATER FUND

City of Sartell Finance Plan

Storm Water Fund												
	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033
	Actual	Actual	Estimated	Proj								
Revenues												
Charges for services	463,622	528,602	520,000	1,634,867	1,667,307	1,700,120	1,708,866	1,717,739	1,726,742	1,735,877	1,745,146	1,754,551
Availability charges	127,129	61,071	35,000	1,034,007		1,700,120	1,700,000	1,/1/,/35	1,720,742	1,733,677	1,743,146	1,734,331
Intergovernmental revenues for capital	310,715	01,071	2,500,000	1,800,000	_	7,000,000	-	_	_	_	-	_
Capital contributions - non-cash	959,193	122,299	2,300,000	1,600,000	-	7,000,000	-	-	-	=	-	-
Investment income and other earnings	(50,012)	95,570	_	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000
Connection charges	(30,012)	33,370	_	25,000	23,000	23,000	23,000	25,000	25,000	23,000	25,000	25,000
Intergovernmental revenues		_	_	_		_	_	_	_	-	-	-
Other revenues and special items	_	18,145		_	_	_	_	_	_	_	_	_
Special assessments	_		_	_	_	_	_	_	_	-	-	_
Special item	_	_	_	_	_	_	_	_	_	_	_	_
Transfers in	_	4,055	_	0	0	0	n	0	0	0	0	0
Capital contributions	_	365,737	_	_	_	-	-	-	-	-	-	_
Total Revenues	1,810,647	1,195,479	3,055,000	3,459,867	1,692,307	8,725,120	1,733,866	1,742,739	1,751,742	1,760,877	1,770,146	1,779,551
Expenses												
Fixed Expenses												
Personnel services		16,148	16,310	140,000	147,000	154,350	162,068	170,171	178,679	187,613	196,994	206,844
Personnel services / FTE changes	_	10,140	10,510	140,000	147,000	80,000	82,400	84,872	87,418	90,041	92,742	95,524
Transfers out General Fund	40,000	42,400	45,000	47,250	49,613	52,093	54,698	57,433	60,304	63,320	66,485	69,810
Transfer out Debt Service Fund	371,393	231,050	233,738	47,230	49,013	32,033	54,056	57,435	00,304	03,320	00,465	03,610
Transfer out Other Funds	371,333	231,030	233,736	_	_	_	_	-	_		_	_
Interest and fiscal expense	31,780	45,978	49,875	48,625	132,350	197,450	219,195	207,453	195,276	182,440	169,145	155,390
Depreciation	486,218	488,174	549,174	628,484	678,877	865,842	872,595	873,987	880,315	881,914	887,994	889,821
Subtotal Fixed Expenses	929,391	823,750	894,097	864,359	1,007,839	1,349,735	1,390,956	1,393,915	1,401,993	1,405,327	1,413,360	1,417,389
Subtotul Fixeu Expenses	929,391	623,730	034,037	004,333	1,007,633	1,543,753	1,390,930	1,393,913	1,401,333	1,403,327	1,413,300	1,417,303
Variable Expenses												
Supplies	96,288	1,005	301,000	310,030	319,331	328,911	338,778	348,941	359,410	370,192	381,298	392,737
Meters	-	-	-	-	-	-	-	-	-	-	-	-
Back Flow Prevention	-	-	-	-	-	-	-	-	-	-	-	-
Repairs and maintenance	-	-	-	-	-	-	-	-	-	-	-	-
Dīsposal Charges	-	-	-	-	-	-	-	-	-	-	-	-
Professional services and other expense	115,719	195,096	91,200	93,936	96,754	99,657	102,646	105,726	108,898	112,164	115,529	118,995
Utilities	=	-	-	-	-	-	-	-	-	-	-	-
Bond issuance cost	•	-	-	45,000	35,000	16,032	-	-	-	-	-	-
Subtotal Variable Expenses	212,007	196,101	392,200	448,966	451,085	444,600	441,425	454,667	468,307	482,357	496,827	511,732
Total Expenses	1,141,398	1,019,851	1,286,297	1,313,325	1,458,924	1,794,335	1,832,381	1,848,582	1,870,300	1,887,684	1,910,188	1,929,121
Change in Net Position	669,249	175,628	1,768,703	2,146,542	233,383	6,930,785	(98,515)	(105,843)	(118,558)	(126,806)	(140,041)	(149,570)
Ending net position	20,751,174	20,926,802	22,695,505	24,842,048	25,075,431	32,006,216	31,907,700	31,801,857	31,683,300	31,556,493	31,416,452	31,266,882

Financial Plans

Table 14 Storm Water Fund

STORM WATER FUND

City of Sartell

Finance Plan												
Storm Water Fund												
	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033
	Actual	Actual	Estimated	Proj								
Assets and Deferred Outflow of Resources												
Cash and cash equivalents	1,728,160	1,321,672	1,108,584	2,090,911	2,181,707	1,215,072	1,386,062	1,813,767	1,972,786	2,346,218	2,483,006	2,809,389
Due from other governments	-	176,891	-	-	-	-	-	-	-	-	-	-
Due from Sewer Fund	-	-	-	-	-	-	-	-	-	-	-	-
Special assessments receivable	43,066	43,066	43,066	43,066	43,066	43,066	43,066	43,066	43,066	43,066	43,066	43,066
Other assets / receivables	121,318	103,114	115,000	118,450	122,004	125,664	129,434	133,317	137,316	141,435	145,679	150,049
Capital assets	28,918,503	29,882,131	32,932,131	36,897,631	39,417,269	48,765,548	49,103,201	49,172,757	49,489,181	49,569,123	49,873,148	49,964,482
Less Accumulated depreciation	(8,785,928)	(9,274,102)	(9,823,276)	(10,451,760)	(11,130,637)	(11,996,479)	(12,869,074)	(13,743,061)	(14,623,376)	(15,505,290)	(16,393,284)	(17,283,105)
Deferred outflows of resources	-	-	-		-	-	-	-	-		-	-
Total Assets and Deferred Outflows	22,025,119	22,252,772	24,375,505	28,698,298	30,633,408	38,152,871	37,792,688	37,419,845	37,018,973	36,594,552	36,151,614	35,683,880
Liabilities and Deferred Inflow of Resources												
Other current liabilities / payables	19,818	20,937	75,000	77,250	79,568	81,955	84,413	86,946	89,554	92,241	95,008	97,858
Contracts payable	48,295	103,475	-	-	-	-	-	-	-	-	-	-
Due to other governments	=	-	-		-	-	-	-	-	-	-	-
Bonds payable	1,120,000	1,120,000	1,105,000	3,265,000	4,950,000	5,521,459	5,242,065	4,956,819	4,655,720	4,338,769	4,015,965	3,677,309
Unamortized bond premium	85,832	81,558	-	-	-	-	-	-	-	-	-	-
Net pension liability (non-current)	-	-	300,000	309,000	318,270	327,818	337,653	347,782	358,216	368,962	380,031	391,432
Other non-current liabilities	-	-	150,000	154,500	159,135	163,909	168,826	173,891	179,108	184,481	190,016	195,716
Due to Water Fund	-	-	-	-	-	-	-	-	-	-	-	-
Deferred inflows of resources	<u>-</u>	-	50,000	50,500	51,005	51,515	52,030	52,551	53,076	53,607	54,143	54,684
Total Liabilities and Deferred Inflows	1,273,945	1,325,970	1,680,000	3,856,250	5,557,978	6,146,655	5,884,987	5,617,988	5,335,673	5,038,059	4,735,162	4,416,999
Total Liabilities, Deferred Inflows, and Net Position	22,025,119	22,252,772	24,375,505	28,698,298	30,633,408	38,152,871	37,792,688	37,419,845	37,018,973	36,594,552	36,151,614	35,683,880
Net investments in capital assets	18,926,743	19,406,471	22,003,855	23,180,871	23,336,632	31,247,610	30,992,061	30,472,878	30,210,085	29,725,065	29,463,899	29,004,068
Unrestricted net position	1,824,431	1,520,331	691,650	1,661,177	1,738,799	758,605	915,639	1,328,980	1,473,214	1,831,429	1,952,553	2,262,813
Total net position	20,751,174	20,926,802	22,695,505	24,842,048	25,075,431	32,006,216	31,907,700	31,801,857	31,683,300	31,556,493	31,416,452	31,266,882
rotal net position	,,, -, 1		,,- 30	.,,	-,,	, , ,					•	

Financial Plans

Table 15 Storm Water Fund

STORM WATER FUND

City of Sartell

Ending Cash Balance Storm Water Fund

Storm water runu								
	2024	2025	2026	2027	2028	2029	2030	
	Budget	Proj	Proj	Proj	Proj	Proj	Proj	
Use of Cash								
Operations & Maintenance	408,510	543,966	563,085	662,918	685,892	709,710	734,405	
Capital Acquisition and Cost of Issuance of Bonds	3,050,000	4,010,500	2,554,638	9,364,312	337,653	69,556	316,424	
Other Interfund Transfers	45,000	47,250	49,613	52,093	54,698	57,433	60,304	
Debt Service (includes transfers for debt)	298,613	83,625	282,350	442,450	498,589	492,699	496,375	
Total Use of Cash	3,802,123	4,685,341	3,449,685	10,521,773	1,576,832	1,329,398	1,607,508	1
Source of Cash								
Revenue from Service Charges	520,000	1,659,867	1,692,307	1,725,120	1,733,866	1,742,739	1,751,742	1
Revenue from Intergovernmental for Capital	2,500,000	1,800,000	· · ·	7,000,000	, , -	, , <u>-</u>	-	_
Revenue from Connection and Availability Charges	35,000	-	-	-	_	-	=	
Bond Proceeds	-	2,195,000	1,835,000	816,032	-	-	-	
Interfund Transfers	-	0	0	0	0	0	0	
Total Source of Cash	3,055,000	5,654,867	3,527,307	9,541,153	1,733,866	1,742,739	1,751,742	1
Net Change in Other Assets and Liabilities	534,035	12,800	13,174	13,559	13,956	14,364	14,785	
Change in Cash Balance	(213,088)	982,326	90,796	(967,061)	170,990	427,705	159,019	
Total Projected Ending Cash	1,108,584	2,090,911	2,181,707	1,214,646	1,385,636	1,813,340	1,972,360	2
Ending Cash by Purpose								
For future capital improvements	873,468	1,098,151	25,248	206,931	645,953	816,941	1,203,024	1
For following year pay-go capital	15,500	719,638	1,548,279	337,653	69,556	316,424	79,942	
For 3-months of operating cash	135,992	140,771	165,729	171,473	177,428	183,601	190,003	
For following year debt service	83,625	132,350	442,450	498,589	492,699	496,375	499,391	
Total Projected Ending Cash	1,108,584	2,090,911	2,181,707	1,214,646	1,385,636	1,813,340	1,972,360	Ź

Note: Cash balances include cash and investments.

Financial Plans

STORM	ΛM	ATER	FILM	ŧ

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2032

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2033

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2031

City of Sartell

Customers and Charges for Sales and Development Revenue	
Storm Water Fund	

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	Actual	Actual	Budget	Proj								
CUSTOMER DATA												
Average Annual REU Units (Customers)												
Residential	5,003	5,003	5,153	5,230	5,309	5,388	5,469	5,551	5,635	5,719	5,805	5,892
Commercial	234	234	239	4,539	4,541	4,544	4,546	4,548	4,551	4,554	4,556	4,559
Non-Profit	-	-	-	-	-	· -	-	-	-	-	· -	-
Governmental	-	-	-	-	-	-	-	-	-	-	-	-
Industrial	5	5	5	5	5	5	5	5	5	5	5	5
Total Customers	5,242	5,242	5,397	9,774	9,855	9,937	10,020	10,105	10,191	10,278	10,366	10,456
REVENUE												
Revenue - REU Charge	2 T											
Residential	\$450,270	\$465,279	\$487,492	\$510,267	\$525,769	\$541,620	\$549,744	\$557,991	\$566,361	\$574,856	\$583,479	\$592,231
Commercial	\$53,352	\$54,756	\$56,722	\$1,124,105	\$1,141,036	\$1,157,990	\$1,158,611	\$1,159,238	\$1,159,872	\$1,160,511	\$1,161,158	\$1,161,810
Non-Profit	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Governmental	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Industrial	\$450	\$465	\$480	\$495	\$503	\$510	\$510	\$510	\$510	\$510	\$510	\$510
Irrigation												
Total Revenue	\$504,072	\$520,500	\$544,694	\$1,634,867	\$1,667,307	\$1,700,120	\$1,708,866	\$1,717,739	\$1,726,742	\$1,735,877	\$1,745,146	\$1,754,551
Connection Charge	2											
Residential	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Commercial	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Non-Profit	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Governmental	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Table 16 Storm Water Fund

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2030

Total Revenue	\$0	\$0
Other		
Total Revenue	\$0	\$0

\$1,634,867 \$1,667,307 \$1,700,120 \$1,708,866 \$1,717,739 \$1,726,742 \$1,735,877 \$1,745,146 \$1,754,551 \$504,072 \$544,694 **Total Unadjusted Revenue** \$520,500 -\$40,450 \$8,102 -\$24,694 Adjustments / other changes ¹

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\$1,634,867 \$1,667,307 \$1,700,120 \$1,708,866 \$1,717,739 \$1,726,742 \$1,735,877 \$1,745,146 \$1,754,551 **Total Revenue Calculated** \$463,622 \$528,602 \$520,000

Note:

Industrial

Residential

Commercial

Non-Profit

Industrial

Governmental

Total Revenue Access Charge

^{1.} The Adjustments/other changes is the difference between how the Study calculated revenue compared to revenue reported in the City's audited financial statements or budget document. The difference may come from adjustments to bills due to issues with meters and other adjustments that are not built into the model for the Study. The adjustments are not considered to be on-going. The Study assumes that future adjustments will be minimal and not have a material impact on the future revenue projections.

APPENDICES

Appendix A-1 Example BiMonthly Residential Bills for Water, Sewer, and Storm Water Services

APPENDIX A-1
Example Bi-Monthly Utility Fees Payable by Residential Examples

TOTAL DOLLAR AMOUNT

Water - Total Charge	Example Bi-Monthly Utility Fees Pa	ayable by	/ Residei	ntial Exa	mples			Т	OTAL DOLL	AR AMOUNT	T		
Water - Total Charge 19.02 19.62 70.27 19.62 70.27 70.82 71.42 72.02 72.62 73.22 23.82 24.42		2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033
Water - Total Charge 19.02 19.62 20.22 19.62 70.27 20.82 21.42 22.02 22.62 23.22 23.82 24.42 Water Base Charge (Includes State Testing Fee) 6.62 6.62 6.62 7.62 7.63 7.87 8.02 8.22 8.42 8.62 8.82 8.02 93.23 93.24 Water The 2 Volume Charge (Includes State Testing Fee) 6.62 6.62 6.62 7.62 7.62 7.87 8.02 8.22 8.42 8.62 8.82 8.02 93.24 Water The 2 Volume Charge (Includes State Testing Fee) 5.00 5.00 10.00 10.00 15.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00													
Water Bose Charge (Includes State Testing Fee) 6.62 6.62 6.62 7.62 7.87 8.02 8.22 8.42 8.62 8.82 9.02 9.22 Water Test Volume Charge (Bose to \$6,000 ctr) 1 2.40 13.00 13.60 12.00 12.40 12.80 12.00 12.40 13.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12	ow Volume Example, 4,000 cubic feet billed	ı											
Water Tra's Volume Charge (10 to 8,000 Cut F) Water Tra's Volume Charge (20 to 13,000 Cut F) Water Tra's Volume Charge (20 to 13,000 Cut F) Water Tra's Volume Charge (20 to 13,000 Cut F) Water Tra's Volume Charge (20 to 13,000 Cut F) Water Tra's Volume Charge (20 to 13,000 Cut F) Water Tra's Volume Charge (20 to 13,000 Cut F) Water Tra's Volume Charge (20 to 13,000 Cut F) November Volume Charge (20 to 13,000 Cut F) 15.00 15.00 5.00 5.00 10.00 15.00 20.00 25.00 25.00 26.00 27.00 28.10 29.20 29.20 28.00 27.00 28.10 29.20 29.20 28.00 27.00 28.10 29.20 29.20 29.20 29.20 29.20 29.20 29.20 29.20 29.20 29.20 29.20 29.20 29.20 29.20 29.20 29.20 29.20 29.20 29.20 29.20 29.20 29.20 29.20 29.20 29.20 29.20 29.20 29.20 29.20 29.20 29.20 29.20 29.20 29.20 29.20 29.20 29.20 29.20 29.20 29.20 29.20 29.20 29.20 29.20 29.20 29.20 29.20 29.20 29.20 29.20 29.20 29.20 29.20 29.20 29.20 29.20 29.20 29.20 29.20 29.20 29.20 29.20 29.20 29.20 29.20 29.20 29.20 29.20 29.20 29.20 29.20 29.20 29.20 29.20 29.20 29.20 29.20 29.20 29.20 29.20 29.20 29.20 29.20 29.20 29.20 29.20 29.20 29.20 29.20 29.20 29.20 29.20 29.20 29.20 29.20 29.20 29.20 29.20 29.20 29.20 29.20 29.20 29.20 29.20 29.20 29.20 29.20 29.20 29.20 29.20 29.20 29.20 29.20 29.20 29.20 29.20 29.20 29.20 29.20 29.20 29.20 29.20 29.20 29.20 29.20 29.20 29.20 29.20 29.20 29.20 29.20 29.20 29.20 29.20 29.20 29.20 29.20 29.20 29.20 29.20 29.20 29.20 29.20 29.20 29.20 29.20 29.20 29.20 29.20 29.20 29.20 29.20 29.20 29.20 29.20 29.20 29.20 29.20 29.20 29.20 29.20 29.20 29.20 29.20 29.20 29.20 29.20 29.20 29.20 29.20 29.20 29.20 29.20 29.20 29.20 29.20 29.20 29.20 29.20 29.20 29.20 29.20 29.20 29.20 29.20 29.20 29.20 29.20 29.20 29.20 29.20 29.20 29.20 29.20 29.20 29.20 29.20 29.20 29.20 29.20 29.20 29.20 29.20 29.20 29.20 29.20 29.20 29.20 29.20 29.20 29.20 29.20 29.20 29.20 29.20 29.20 29.20 29.20 29.20 29.20 29.20 29.20 29.20 29.20 29.20 29.20 29.20 29.20 29.20 29.20 29.20 29.20 29.20 29.20 29.20 29.20 29.20 29.20 29.20 29.20 29.20 29.20 29.20 29.20 29.20 29.20 29.20 29.20 29.20 2	Water - Total Charge	19.02	19.62	20.22	19.62	20.27	20.82	21.42	22.02	22.62	23.22	23.82	24.42
Water File 2 Volume Charge (6,000 to 12,000 cu Fr) ***Test 1 ***********************************	Water Base Charge (includes State Testing Fee)	6.62	6.62	6.62	7.62	7.87	8.02	8.22	8.42	8.62	8.82	9.02	9.22
Sanitary Sewer - Total Charge (Above 12,000 Cu Ft) Water - Total Charge (Above 12,000 Cu Ft) Water - Total Charge (Above 12,000 Cu Ft) Water - Total Charge (Above 12,000 Cu Ft) Sanitary Sewer Name Charge (Above 12,000 Cu Ft) Total (Arge (Above 12,000 Cu Ft) Total (Above 12,000 Cu Ft) Total (Arge (Above 1	Water Tier 1 Volume Charge (Up to 6,000 Cu Ft)	12.40	13.00	13.60	12.00	12.40	12.80	13.20	13.60	14.00	14.40	14.80	15.20
Sanitary Sewer - Total Charge	Water Tier 2 Volume Charge (6,000 to 12,000 Cu Ft)	-	-	-	-	-	-	-	-	-	-	-	-
Sewer John Charge S.00 S	Water Tier 3 Volume Charge (Above 12,000 Cu Ft)	-	-	-	-	-	-	-	-	-	-	-	-
Sewer Volume Charge 15.00 15.50 16.00 16.50 16.75 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00	Sanitary Sewer - Total Charge	27.80	29.40	31.00	40.00	49.40	59.60	70.60	73.60	76.60	79.30	82.00	84.80
Stormwater - Total Charge 15.00 15.00 15.00 16.00 16.00 16.00 16.75 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.	Sewer Base Charge	5.00	5.00	5.00	10.00	15.00	20.00	25.00	26.00	27.00	28.10	29.20	30.40
Total 61.82 64.52 67.22 76.12 86.42 97.42 109.02 112.62 119.52 122.82 126.22 % Change 86.45% A.4% A.2% 13.2% 13.5% 12.7% 11.9% 3.3% 3.2% 2.8% 2.8% 2.8% 2.8% 2.8% Medium Volume Example, 12,000 cubic feet billed 86.45% A.4% A.2% 13.2% 13.5% 12.7% 11.9% 3.3% 3.2% 2.8% 2.8% 2.8% 2.8% 2.8% Medium Volume Example, 12,000 cubic feet billed 86.52 6.62 6.62 7.62 7.87 8.02 8.22 8.42 8.62 8.62 55.62 57.02 88.42 Water Tier 17 Volume Charge (Up to 6,000 Cu Ir) 37.20 39.00 40.80 18.00 18.60 19.20 19.80 20.40 21.00 21.60 22.20 22.80 Water Tier 3 Volume Charge (6,000 to 12,000 Cu Ir) 21.60 22.00 22.00 23.00 24.00 24.60 25.20 25.80 25.80 25.80 25.80 25.80 25.80 25.80 25.80 25.80 25.80 25.80 25.80 25.80 25.80 25.80 25.80 25.80 25.80 25.80 25.80 25.80 25.80 25.80 25.80 25.80 25.80 25.80 25.80 25.80 25.80 25.80 25.80 25.80 25.80 25.80 25.80 25.80 25.80 25.80 25.80 25.80 25.80 25.80 25.80 25.80 25.80 25.80 25.80 25.80 25.80 25.80 25.80 25.80 25.80 25.80 25.80 25.80 25.80 25.80 25.80 25.80 25.80 25.80 25.80 25.80 25.80 25.80 25.80 25.80 25.80 25.80 25.80 25.80 25.80 25.80 25.80 25.80 25.80 25.80 25.80 25.80 25.80 25.80 25.80 25.80 25.80 25.80 25.80 25.80 25.80 25.80 25.80 25.80 25.80 25.80 25.80 25.80 25.80 25.80 25.80 25.80 25.80 25.80 25.80 25.80 25.80 25.80 25.80 25.80 25.80 25.80 25.80 25.80 25.80 25.80 25.80 25.80 25.80 25.80 25.80 25.80 25.80 25.80 25.80 25.80 25.80 25.80 25.80 25.80 25.80 25.80 25.80 25.80 25.80 25.80 25.80 25.80 25.80 25.80 25.80 25.80 25.80 25.80 25.80 25.80 25.80 25.80 25.80 25.80 25.80 25.80 25.80 25.80 25.80 25.80 25.80 25.80 25.80 25.80 25.80 25.80 25.80 25.80 25.80 25.80 25.80 25.80 25.80 25.80 25.80 25.80 25.80 25.80 25.80 25.80 25.80 25.80 25.80 25.80 25.80 25.80 25.80 25.80 25.80 25.80 25.80 25.80 25.80 25.80 25.80 25.80 25.80 25.80 25.80 25.80 25.80 25.80 25.80 25.80 25.80 25.80 25.80 25.80 25.80 25.80 25.80 25.80 25.80 25.80 25.80 25.80 25.80 25.80 25.80 25.80 25.80 25.80 25.80 25.80 25.80 25.80 25.80 25.80 25.80 25.80 25.80 25.80 25.80 25.80 25.80 25.80 25.80 25.80 25.80 25.80 25.80 25.80 25.8	Sewer Volume Charge	22.80	24.40	26.00	30.00	34.40	39.60	45.60	47.60	49.60	51.20	52.80	54.40
Medium Volume Example, 12,000 cubic feet billed Water - Total Charge	Stormwater - Total Charge	15.00	15.50	16.00	16.50	16.75	17.00	17.00	17.00	17-00	17.00	17.00	17.00
Water - Total Charge	Total	61.82			-		-						
Water - Total Charge	% Change		4.4%	4.2%	13.2%	13.5%	12.7%	11,9%	3.3%	3.2%	2.8%	2.8%	2.89
Water - Total Charge	Madium Valuma Evample, 12 000 subis fact	hillad											
Water Base Charge (Includes State Testing Fee) 6.62 6.62 6.62 7.62 7.87 8.02 8.22 8.42 8.62 8.82 9.02 9.22 9.02 9.22 9.02 9.22 9.02 9.02 9.02 9.02 9.02 9.02 9.02 9.02 9.02 9.02 9.02 9.02 9.02 9.02 9.02 9.02 9.02 9.02 9.02 9.02 9.02 9.02 9.02 9.02 9.02 9.02 9.02 9.02 9.02 9.02 9.02 9.02 9.02 9.02 9.02 9.02 9.02 9.02 9.02 9.02 9.02 9.02 9.02 9.02 9.02 9.02 9.02 9.02 9.02 9.02 9.02 9.02 9.02 9.02 9.02 9.02 9.02 9.02 9.02 9.02 9.02 9.02 9.02 9.02 9.02 9.02 9.02 9.02 9.02 9.02 9.02 9.02 9.02 9.02 9.02 9.02 9.02 9.02 9.02 9.02 9.02 9.02 9.02 9.02 9.02 9.02 9.02 9.02 9.02 9.02 9.02 9.02 9.02 9.02 9.02 9.02 9.02 9.02 9.02 9.02 9.02 9.02 9.02 9.02 9.02 9.02 9.02 9.02 9.02 9.02 9.02 9.02 9.02 9.02 9.02 9.02 9.02 9.02 9.02 9.02 9.02 9.02 9.02 9.02 9.02 9.02 9.02 9.02 9.02 9.02 9.02 9.02 9.02 9.02 9.02 9.02 9.02 9.02 9.02 9.02 9.02 9.02 9.02 9.02 9.02 9.02 9.02 9.02 9.02 9.02 9.02 9.02 9.02 9.02 9.02 9.02 9.02 9.02 9.02 9.02 9.02 9.02 9.02 9.02 9.02 9.02 9.02 9.02 9.02 9.02 9.02 9.02 9.02 9.02 9.02 9.02 9.02 9.02 9.02 9.02 9.02 9.02 9.02 9.02 9.02 9.02 9.02 9.02 9.02 9.02 9.02 9.02 9.02 9.02 9.02 9.02 9.02 9.02 9.02 9.02 9.02 9.02 9.02 9.02 9.02 9.02 9.02 9.02 9.02 9.02 9.02 9.02 9.02 9.02 9.02 9.02 9.02 9.02 9.02 9.02 9.02 9.02 9.02 9.02 9.02 9.02 9.02 9.02 9.02 9.02 9.02 9.02 9.02 9.02 9.02 9.02 9.02 9.02 9.02 9.02 9.02 9.02 9.02 9.02 9.02 9.02 9.02 9.02 9.02 9.02 9.02 9.02 9.02 9.02 9.02 9.02 9.02 9.02 9.02 9.02 9.02 9.02 9.02 9.02 9.02 9.02 9.02 9.02 9.02	wiedidiii voidiile Example, 12,000 cubic leet	Dillea											
Water Tier 1 Volume Charge (Up to 6,000 Cu Ft) 37.20 39.00 40.80 18.00 18.60 19.20 19.80 20.40 21.00 21.60 22.20 22.80 23.40 24.00 24.60 25.20 25.80 26.40 Water Tier 2 Volume Charge (6,000 to 12,000 Cu Ft) - 21.60 22.20 22.80 23.40 24.00 24.60 25.20 25.80 26.40 Water Tier 3 Volume Charge (Above 12,000 Cu Ft) - 3.00 5.00 5.00 5.00 5.00 5.00 5.00 5.00	Water - Total Charge	43.82	45.62	47.42	47.22	48.67	50.02	51.42	52.82	54.22			
Water Tier 2 Volume Charge (6,000 to 12,000 Cu Ft) Water Tier 3 Volume Charge (6,000 to 12,000 Cu Ft) Water Tier 3 Volume Charge (Above 12,000 Cu Ft) Sanitary Sewer - Total Charge 73.40 78.20 83.00 10.00 118.20 118.20 125.00 25.00 25.00 25.00 25.00 25.00 26.00 27.00 28.10 29.20 30.40 25.00 25.00 26.00 27.00 28.10 29.20 30.40 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.	Water Base Charge (includes State Testing Fee)	6.62	6.62	6.62	7.62	7.87	8.02	8.22	8.42	8.62	8.82		9.22
Sanitary Sewer - Total Charge	Water Tier 1 Volume Charge (Up to 6,000 Cu Ft)	37.20	39.00	40.80	18.00	18.60	19.20	19.80	20.40	21.00			
Sanitary Sewer - Total Charge 73.40 78.20 83.00 100.00 118.20 138.80 161.80 168.80 175.80 181.70 187.60 193.60 Sewer Base Charge 5.00 5.00 5.00 10.00 15.00 20.00 25.00 26.00 27.00 28.10 29.20 30.40 Sewer Volume Charge 68.40 73.20 78.00 90.00 103.20 118.80 136.80 142.80 148.80 153.60 158.40 163.20 Stormwater - Total Charge 15.00 15.50 16.00 16.50 16.75 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00	Water Tier 2 Volume Charge (6,000 to 12,000 Cu Ft)	-	-	-	21.60	22.20	22.80	23.40	24.00	24.60	25.20	25.80	26.40
Sewer Base Charge	Water Tier 3 Volume Charge (Above 12,000 Cu Ft)	-	-	-	-	-	-	-	-	-	-	-	-
Sewer Volume Charge 68.40 73.20 78.00 90.00 103.20 118.80 136.80 142.80 148.80 153.60 158.40 163.20 Stormwater - Total Charge 15.00 15.50 16.00 16.50 16.75 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00	Sanitary Sewer - Total Charge	73.40	78.20	83.00	100.00	118.20	138.80						
Stormwater - Total Charge 15.00 15.50 16.00 16.50 16.75 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.0	Sewer Base Charge	5.00	5.00	5.00	10.00	15.00	20.00	25.00					
Total Schange 132.22 139.32 146.42 163.72 183.62 205.82 230.22 238.62 247.02 254.32 261.62 269.02 % Change 5.4% 5.1% 11.8% 12.2% 12.1% 11.9% 3.6% 3.5% 3.0% 2.9% 2.8% 2.8% 2.8% 2.8% 2.8% 2.8% 2.8% 2.8	Sewer Volume Charge	68.40	73.20	78.00	90.00	103.20	118.80	136.80	142.80	148.80	153.60	158.40	163.20
Water - Total Charge 68.62 71.62 74.62 84.42 87.07 89.22 91.42 94.42 97.42 100.42 103.42 106.42 Water Base Charge (includes State Testing Fee) 6.62 6.62 6.62 7.62 7.87 8.02 8.22 8.42 8.62 8.82 9.02 9.22 Water Tier 1 Volume Charge (Up to 6,000 Cu Ft) 62.00 65.00 68.00 18.00 18.60 19.20 19.80 20.40 21.00 21.60 22.20 22.80 Water Tier 2 Volume Charge (Above 12,000 Cu Ft) 21.60 22.20 22.80 23.40 24.00 24.60 25.20 25.80 26.40 Water Tier 3 Volume Charge (Above 12,000 Cu Ft) 37.20 38.40 39.20 40.00 41.60 43.20 44.80 46.40 48.00 Sanitary Sewer - Total Charge (Data Charge	Stormwater - Total Charge	15.00	15.50	16.00	16.50	16.75	17.00	17.00	17.00	17.00	17.00	17.00	17.00
High Volume Example, 20,000 cubic feet billed Water - Total Charge	Total	132.22											
Water - Total Charge 68.62 71.62 74.62 84.42 87.07 89.22 91.42 94.42 97.42 100.42 103.42 106.42 Water Base Charge (includes State Testing Fee) 6.62 6.62 6.62 7.62 7.87 8.02 8.22 8.42 8.62 8.82 9.02 92.2 Water Tier 1 Volume Charge (Up to 6,000 Cu Ft) 62.00 65.00 68.00 18.00 18.60 19.20 19.80 20.40 21.00 21.60 22.20 22.80 Water Tier 2 Volume Charge (6,000 to 12,000 Cu Ft) 21.60 22.20 22.80 23.40 24.00 24.60 25.20 25.80 Water Tier 3 Volume Charge (Above 12,000 Cu Ft) 37.20 38.40 39.20 40.00 41.60 43.20 44.80 46.40 48.00 Sanitary Sewer - Total Charge 19.00 127.00 135.00 160.00 187.00 218.00 253.00 264.00 275.00 284.10 293.20 302.40 Sewer Base Charge 5.00 5.00 5.00 5.00 10.00 15.00 20.00 25.00 26.00 27.00 28.10 29.20 30.40 Sewer Volume Charge 114.00 122.00 130.00 150.00 172.00 198.00 228.00 238.00 248.00 256.00 264.00 272.00 Stormwater - Total Charge 15.00 15.50 16.00 16.50 16.75 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00	% Change		5.4%	5.1%	11.8%	12.2%	12.1%	11.9%	3.6%	3.5%	3.0%	2.9%	2.8%
Water Base Charge (includes State Testing Fee) 6.62 6.62 6.62 6.62 7.62 7.87 8.02 8.22 8.42 8.62 8.82 9.02 9.22 Water Tier 1 Volume Charge (ID to 6,000 Cu Ft) 6.50 65.00 68.00 18.00 18.60 19.20 19.80 20.40 21.00 21.60 22.20 22.80 Water Tier 2 Volume Charge (6,000 to 12,000 Cu Ft) - - - 21.60 22.20 22.80 23.40 24.00 24.60 25.20 25.80 26.80 Water Tier 3 Volume Charge (Above 12,000 Cu Ft) - - - 37.20 38.40 39.20 40.00 41.60 43.20 45.20 25.80 26.40 Sanitary Sewer - Total Charge 119.00 127.00 135.00 160.00 187.00 218.00 253.00 264.00 275.00 284.10 293.20 30.40 Sewer Base Charge 5.00 5.00 5.00 15.00 15.00 15.00 25.00 26.00 27.00 28.10	High Volume Example, 20,000 cubic feet bille	∌d											
Water Base Charge (includes State Testing Fee) 6.62 6.62 6.62 6.62 7.62 7.87 8.02 8.22 8.42 8.62 8.82 9.02 9.22 Water Tier 1 Volume Charge (ID to 6,000 Cu Ft) 6.50 65.00 68.00 18.00 18.60 19.20 19.80 20.40 21.00 21.60 22.20 22.80 Water Tier 2 Volume Charge (6,000 to 12,000 Cu Ft) - - - 21.60 22.20 22.80 23.40 24.00 24.60 25.20 25.80 26.80 Water Tier 3 Volume Charge (Above 12,000 Cu Ft) - - - 37.20 38.40 39.20 40.00 41.60 43.20 45.20 25.80 26.40 Sanitary Sewer - Total Charge 119.00 127.00 135.00 160.00 187.00 218.00 253.00 264.00 275.00 284.10 293.20 30.40 Sewer Base Charge 5.00 5.00 5.00 15.00 15.00 15.00 25.00 26.00 27.00 28.10	Mater - Total Charge	68.62	71.62	74.62	84.42	87.07	89.22	91.42	94.42	97.42	100.42	103.42	106.42
Water Tier 1 Volume Charge (Up to 6,000 Cu Ft) 62.00 65.00 68.00 18.00 18.00 19.20 19.80 20.40 21.00 21.60 22.20 22.80 23.40 24.00 24.60 25.20 25.80 26.40 24.00 24.60 25.20 25.80 26.40 24.00 24.60 25.20 25.80 26.40 24.00 24.60 25.20 25.80 26.40 25.20 25.80 26.40 25.20 25.80 26.40 25.20 25.80 26.40 25.20 25.80 26.40 25.20 25.80 26.40 25.20 25.80 26.40 25.20 25.80 26.40 25.20 25.80 26.40 25.20 25.80 26.40 25.20 25.80 26.40 25.20 25.80 26.40 25.20 25.80 26.40 25.20 25.80 26.40 25.20 25.80 26.40 25.20 25.80 26.40 25.20 25.80 26.40 25.20 25.80 26.40 25.20 25.80 26.40 25.20 25.80 26.40 25.20 25.80 26.40 25.20 25.80 26.40 25.20 25.80 26.40 25.20 25.80 26.40 25.20 25.80 26.40 25.20 25.80 26.40 25.20 25.80 26.40 25.20 25.80 26.40 25.20 25.80 26.40 25.20 25.80 26.40 25.20 25.80 26.40 25.20 25.80 26.40 25.20 25.80 26.40 25.20 25.80 26.40 25.20 25.80 26.40 25.20 25.80 26.40 25.20 25.80 26.40 25.20 25.80 26.40 25.20 25.80 26.40 25.20 25.80 26.40 25.20 25.80 26.40 25.20 25.80 26.40 25.20 25.80 26.40 25.20 25.80 26.40 25.20 25.80 26.40 25.20 25.80 26.40 25.20 25.80 26.40 25.20 25.80 26.40 25.20 25.80 25.40 25.20 25.40 25.20 25.40 25.20 25.40 25.20 25.40 25.20 25.40 25.20 25.40 25.20 25.40 25.20 25.40 25.20 25.40 25.20 25.40 25.20 25.40 25.20 25.40 25.20 25.40 25.20 25.40 25.40 25.20 25.40 25.20 25.40 25.20 25.40 25.20 25.40 25.20 25.40 25.20 25.40 25.20 25.40 25.20 25.40 25.20 25.40 25.20 25.40 25.20 25.40 25.20 25.40 25.20 25.40 25.20 25.40 25.20 25.40 25.20 25.40 25.20 25.40 25.20 25.40 25.20 25.40 25.20 25.40 25.20 25.40 25.20 25.40 25.20 25.40 25.20 25.40 25.20 25.40 25.20 25.40 25.20 25.40 25.20 25.40 25.20 25.40 25.20 25.40 25.20 25.40 25.20 25.40 25.20 25.40 25.20 25.40 25.20 25.40 25.20 25.40 25.20 25.40 25.20 25.40 25.20 25.40 25.20 25.40 25.20 25.40 25.20 25.40 25.20 25.40 25.20 25.40 25.20 25.40 25.20 25.40 25.20 25.40 25.20 25.40 25.20 25.40 25.20 25.40 25.20 25.40 25.20 25.40 25.20 25.40 25.20 25.40 25.20 25.40 25.20 25.40 25.20 25.40 25.20 25.40 25.20 25.40 25.20 25.40 25.20 25.40 25.20 25.40 25.20 25.40 25.20 2													
Water Tier 2 Volume Charge (6,000 to 12,000 Cu Ft) - - - 21.60 22.20 22.80 23.40 24.00 24.60 25.20 25.80 26.40 Water Tier 3 Volume Charge (Above 12,000 Cu Ft) - - - 37.20 38.40 39.20 40.00 41.60 43.20 44.80 46.40 48.00 Sanitary Sewer - Total Charge 119.00 127.00 135.00 160.00 187.00 218.00 253.00 264.00 275.00 284.10 293.20 302.40 Sewer Base Charge 5.00 5.00 5.00 10.00 15.00 20.00 25.00 26.00 27.00 28.10 29.20 30.40 Sewer Volume Charge 114.00 122.00 130.00 150.00 172.00 198.00 228.00 238.00 248.00 256.00 264.00 272.00 Stormwater - Total Charge 15.00 15.50 16.00 16.50 16.75 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17													
Water Tier 3 Volume Charge (Above 12,000 Cu Ft) - - - - 37.20 38.40 39.20 40.00 41.60 43.20 44.80 46.40 48.00 Sanitary Sewer - Total Charge 119.00 127.00 135.00 160.00 187.00 218.00 253.00 264.00 275.00 284.10 293.20 302.40 Sewer Base Charge 5.00 5.00 5.00 10.00 15.00 20.00 25.00 26.00 27.00 28.10 29.20 30.40 Sewer Volume Charge 114.00 122.00 130.00 150.00 172.00 198.00 228.00 238.00 248.00 256.00 264.00 272.00 Stormwater - Total Charge 15.00 15.50 16.00 16.50 16.75 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00		-	-	-									26.40
Sewer Base Charge 5.00 5.00 5.00 10.00 15.00 20.00 25.00 26.00 27.00 28.10 29.20 30.40 Sewer Volume Charge 114.00 122.00 130.00 150.00 172.00 198.00 228.00 238.00 248.00 256.00 264.00 272.00 28tormwater - Total Charge 15.00 15.50 16.00 16.50 16.75 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.0		-	-	-						43.20	44.80	46.40	48.00
Sewer Base Charge 5.00 5.00 5.00 10.00 15.00 20.00 25.00 26.00 27.00 28.10 29.20 30.40 Sewer Volume Charge 114.00 122.00 130.00 150.00 172.00 198.00 228.00 238.00 248.00 256.00 264.00 272.00 Stormwater - Total Charge 15.00 15.50 16.00 16.50 16.75 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 <t< td=""><td>Sanitary Sewer - Total Charge</td><td>119.00</td><td>127.00</td><td>135.00</td><td>160.00</td><td>187.00</td><td>218.00</td><td>253.00</td><td>264.00</td><td>275.00</td><td>284.10</td><td>293.20</td><td>302.40</td></t<>	Sanitary Sewer - Total Charge	119.00	127.00	135.00	160.00	187.00	218.00	253.00	264.00	275.00	284.10	293.20	302.40
Sewer Volume Charge 114.00 122.00 130.00 150.00 172.00 198.00 228.00 238.00 248.00 256.00 264.00 272.00 Stormwater - Total Charge 15.00 15.50 16.00 16.50 16.75 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.							20.00	25.00	26.00	27.00	28.10	29.20	30.40
Total 202.62 214.12 225.62 260.92 290.82 324.22 361.42 375.42 389.42 401.52 413.62 425.82							198.00	228.00	238.00	248.00	256.00	264.00	272.00
10(4)	Stormwater - Total Charge	15.00	15.50	16.00	16.50	16.75	17.00	17.00	17.00	17.00	17.00	17.00	17.00
% Change 5.7% 5.4% 15.6% 11.5% 11.5% 3.9% 3.7% 3.1% 3.0% 2.9%	Total	202.62	214.12	225.62									
	% Change		5.7%	5.4%	15.6%	11.5%	11.5%	11.5%	3.9%	3.7%	3.1%	3.0%	2.9%

$\label{eq:Appendix A-2} Appendix A-2 \\ \text{Example BiMonthly Residential Bills for Water, Sewer, and Storm Water Services}$

APPENDIX A-2
Example Bi-Monthly Utility Fees Payable by Residential Examples

Example Bi-Monthly Utility Fees Pay	abie by	, kesiaer	itial Exa	mples		Pi					
	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033
Low Volume Example, 4,000 cubic feet billed											
Water - Total Charge	3.2%	3.1%	-3.0%	3.3%	2.7%	2.9%	2.8%	2.7%	2.7%	2.6%	2.5%
Water Base Charge (includes State Testing Fee)	0.0%	0.0%	15.1%	3.3%	1.9%	2.5%	2.4%	2.4%	2.3%	2.3%	2.2%
Water Tier 1 Volume Charge (Up to 6,000 Cu Ft) Water Tier 2 Volume Charge (6,000 to 12,000 Cu Ft) Water Tier 3 Volume Charge (Above 12,000 Cu Ft)	4.8%	4.6%	-11.8%	3.3%	3.2%	3.1%	3.0%	2.9%	2.9%	2.8%	2.7%
Sanitary Sewer - Total Charge	5.8%	5.4%	29.0%	23.5%	20.6%	18.5%	4.2%	4.1%	3.5%	3.4%	3.4%
Sewer Base Charge	0.0%	0.0%	100.0%	50.0%	33.3%	25.0%	4.0%	3.8%	4.1%	3.9%	4.1%
Sewer Volume Charge	7.0%	6.6%	15.4%	14.7%	15.1%	15.2%	4.4%	4.2%	3.2%	3.1%	3.0%
Stormwater - Total Charge	3.3%	3.2%	3.1%	1.5%	1.5%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Total	4.4%	4.2%	13.2%	13.5%	12.7%	11.9%	3.3%	3.2%	2.8%	2.8%	2.8%
Medium Volume Example, 12,000 cubic feet bi	lled										
Wiedram Volume Example, 12,000 capie feet bi	cu										
Water - Total Charge	4.1%	3.9%	-0.4%	3.1%	2.8%	2.8%	2.7%	2.7%	2.6%	2.5%	2.5%
Water Base Charge (includes State Testing Fee)	0.0%	0.0%	15.1%	3.3%	1.9%	2.5%	2.4%	2.4%	2.3%	2.3%	2.2%
Water Tier 1 Volume Charge (Up to 6,000 Cu Ft)	4.8%	4.6%	-55.9%	3.3%	3.2%	3.1%	3.0%	2.9%	2.9%	2.8%	2.7%
Water Tier 2 Volume Charge (6,000 to 12,000 Cu Ft) Water Tier 3 Volume Charge (Above 12,000 Cu Ft)				2.8%	2.7%	2.6%	2.6%	2.5%	2.4%	2.4%	2.3%
Sanitary Sewer - Total Charge	6.5%	6.1%	20.5%	18.2%	17.4%	16.6%	4.3%	4.1%	3.4%	3.2%	3.2%
Sewer Base Charge	0.0%	0.0%	100.0%	50.0%	33.3%	25.0%	4.0%	3.8%	4.1%	3.9%	4.1%
Sewer Volume Charge	7.0%	6.6%	15.4%	14.7%	15.1%	15.2%	4.4%	4.2%	3.2%	3.1%	3.0%
Stormwater - Total Charge	3.3%	3.2%	3.1%	1.5%	1.5%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Total	5.4%	5.1%	11.8%	12.2%	12.1%	11.9%	3.6%	3.5%	3.0%	2.9%	2.8%
High Volume Example, 20,000 cubic feet billed											
Water - Total Charge	4.4%	4.2%	13.1%	3.1%	2.5%	2.5%	3.3%	3.2%	3.1%	3.0%	2.9%
Water Base Charge (includes State Testing Fee)	0.0%	0.0%	15.1%	3.3%	1.9%	2.5%	2.4%	2.4%	2.3%	2.3%	2.2%
Water Tier 1 Volume Charge (Up to 6,000 Cu Ft)	4.8%	4.6%	-73.5%	3.3%	3.2%	3.1%	3.0%	2.9%	2.9%	2.8%	2.7%
Water Tier 2 Volume Charge (6,000 to 12,000 Cu Ft)				2.8%	2.7%	2.6%	2.6%	2.5%	2.4%	2.4%	2.3%
Water Tier 3 Volume Charge (Above 12,000 Cu Ft)				3.2%	2.1%	2.0%	4.0%	3.8%	3.7%	3.6%	3.4%
Sanitary Sewer - Total Charge	6.7%	6.3%	18.5%	16.9%	16.6%	16.1%	4.3%	4.2%	3.3%	3.2%	3.1%
Sewer Base Charge	0.0%	0.0%	100.0%	50.0%	33.3%	25.0%	4.0%	3.8%	4.1%	3.9%	4.1%
Sewer Volume Charge	7.0%	6.6%	15.4%	14.7%	15.1%	15.2%	4.4%	4.2%	3.2%	3.1%	3.0%
Stormwater - Total Charge	3.3%	3.2%	3.1%	1.5%	1.5%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%

Appendix A-3 Example BiMonthly Residential Bills for Water, Sewer, and Storm Water Services

APPENDIX A-3

2023 2024 2025 2026 2027 2028 2029 2030 2031 Low Volume Example, 4,000 cubic feet billed	2032	2033
Low Volume Example, 4,000 cubic feet billed		
Water - Total Charge 0.60 0.60 (0.60) 0.65 0.55 0.60 0.60 0.60 0.60	0.60	0.60
Water Base Charge (includes State Testing Fee) 1.00 0.25 0.15 0.20 0.20 0.20 0.20	0.20	0.20
Water Tier 1 Volume Charge (Up to 6,000 Cu Ft) 0.60 0.60 (1.60) 0.40 0.40 0.40 0.40 0.40 0.40	0.40	0.40
Water Tier 2 Volume Charge (6,000 to 12,000 Cu Ft)	_	_
Water Tier 3 Volume Charge (Above 12,000 Cu Ft)	-	-
Sanitary Sewer - Total Charge 1.60 1.60 9.00 9.40 10.20 11.00 3.00 3.00 2.70	2.70	2.80
Sewer Base Charge 5.00 5.00 5.00 5.00 1.00 1.00 1.10	1.10	1.20
Sewer Volume Charge 1.60 1.60 4.00 4.40 5.20 6.00 2.00 2.00 1.60	1.60	1.60
Stormwater - Total Charge 0.50 0.50 0.50 0.25	-	_
Total 2.70 2.70 8.90 10.30 11.00 11.60 3.60 3.60 3.30	3.30	3.40
Medium Volume Example, 12,000 cubic feet billed		
Water - Total Charge 1.80 1.80 (0.20) 1.45 1.35 1.40 1.40 1.40 1.40	1.40	1.40
Water Base Charge (includes State Testing Fee) 1.00 0.25 0.15 0.20 0.20 0.20 0.20	0.20	0.20
Water Tier 1 Volume Charge (Up to 6,000 Cu Ft) 1.80 1.80 (22.80) 0.60 0.60 0.60 0.60 0.60 0.60	0.60	0.60
Water Tier 2 Volume Charge (6,000 to 12,000 Cu Ft) 21.60 0.60 0.60 0.60 0.60 0.60 0.60	0.60	0.60
Water Tier 3 Volume Charge (Above 12,000 Cu Ft)	-	-
Sanitary Sewer - Total Charge 4.80 4.80 17.00 18.20 20.60 23.00 7.00 7.00 5.90	5.90	6.00
Sewer Base Charge 5.00 5.00 5.00 5.00 1.00 1.00 1.10	1.10	1.20
Sewer Volume Charge 4.80 4.80 12.00 13.20 15.60 18.00 6.00 6.00 4.80	4.80	4.80
Stormwater - Total Charge 0.50 0.50 0.50 0.25	_	_
Total 7.10 7.10 17.30 19.90 22.20 24.40 8.40 8.40 7.30	7.30	7.40
High Volume Example, 20,000 cubic feet billed		
Water - Total Charge 3.00 3.00 9.80 2.65 2.15 2.20 3.00 3.00 3.00	3.00	3.00
Water Base Charge (includes State Testing Fee) 1.00 0.25 0.15 0.20 0.20 0.20 0.20	0.20	0.20
Water Tier 1 Volume Charge (Up to 6,000 Cu Ft) 3.00 3.00 (50.00) 0.60 0.60 0.60 0.60 0.60 0.60	0.60	0.60
Water Tier 2 Volume Charge (6,000 to 12,000 Cu Ft) 21.60 0.60 0.60 0.60 0.60 0.60	0.60	0.60
Water Tier 3 Volume Charge (Above 12,000 Cu Ft) 37.20 1.20 0.80 0.80 1.60 1.60 1.60	1.60	1.60
Sanitary Sewer - Total Charge 8.00 8.00 25.00 27.00 31.00 35.00 11.00 11.00 9.10	9.10	9.20
Sewer Base Charge 5.00 5.00 5.00 5.00 1.00 1.00 1.10	1.10	1.20
Sewer Volume Charge 8.00 8.00 20.00 22.00 26.00 30.00 10.00 10.00 8.00	8.00	8.00
Stormwater - Total Charge 0.50 0.50 0.50 0.25	-	-

Appendix B Schedule of Fees for Study Page 1 of 2 for Appendix B

FEE SCHEDULE FOR WATER AND SEWER SERVICES - FOR PRO FORMA

	Service for the service of the servi	See to		- Si	4-400 m	9.5-1.00	146				***	***	en an i	. 44.2 (Men.)				4483035
											2025	2027	2022	2000	2020	2021	2032	2033
							2022	2023	2024	2025	2026	2027	2028	2029	_2030	2031	2032	2033
	sa sa 1982 - Balandari		Customer							Projected	Projected	Projected	Projected	Projected	Projected	Projected	Projected	Projected
Fund	Rate Code Description		Classification		Basis		Actual Year 1	Actual Year Z	Current Year	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Year 7	Year8	Year 9
							C2 F4C 00	\$2,546.00	\$2,546.00	\$2,650.00	\$2,760.00	\$2,870.00	\$2,980.00	\$3,100.00	\$3,220.00	\$3,350.00	\$3,480.00	\$3,620.00
Sewer Fund Sewer Fund	Sewer Trunk Charge (Per Acre) Sewer base charge (fixed charge)	- 10 - 10 - 10 - 10 - 10 - 10 - 10 - 10	. CI	Trunk Billing Unit			\$2,546.00 \$5.00	\$2,546.00	\$2,546.00	\$2,650.00	\$15.00	\$2,870.00	\$2,980.00	\$26.00	\$27.00	\$28.10	\$29.20	\$30.40
Sewer Fund	Sewer Connection Charge		CI	REU			\$3,075.00	\$3,075.00	\$3,075.00	\$3,200.00	\$3,330.00	\$3,460.00	\$3,600.00	\$3,740.00	\$3,890.00	\$4,050.00	\$4,210.00	\$4,380.00
Sewer Fund	Sewer Volume Tier 1		CI	Volume			\$5.70	\$6.10	\$6.50	\$7.50	\$8.60	\$9.90	\$11.40	\$11.90	\$12.40	\$12.80	\$13.20	\$13.60
Sewer Fund	Sewer Trunk Charge (Per Acre)		GV	Trunk			\$2,546.00	\$2,546,00	\$2,546.00	\$2,650.00	\$2,760.00	\$2,870.00	\$2,980.00	\$3,100.00	\$3,220.00	\$3,350.00	\$3,480.00	\$3,620.00
Sewer Fund	Sewer base charge (fixed charge)		GV	Billing Unit			\$5.00	\$5.00	\$5.00	\$10.00	\$15.00	\$20.00	\$25.00	\$26.00	\$27.00	\$28.10	\$29.20	\$30.40
Sewer Fund	Sewer Connection Charge	100	GV	REU			\$3,075.00	\$3,075.00	\$3,075.00	\$3,200.00	\$3,330.00	\$3,460.00	\$3,600.00	\$3,740.00	\$3,890.00	\$4,050.00	\$4,210.00	\$4,380.00
Sewer Fund	Sewer Volume Tier 1		GV	Volume			\$5.70	\$6.10	\$6.50	\$7.50	\$8.60	\$9.90	\$11.40	\$11.90	\$12.40	\$12.80	\$13.20	\$13.60
Sewer Fund	Sewer Trunk Charge (Per Acre)		NP	Trunk			\$2,546.00	\$2,546.00	\$2,546.00	\$2,650.00	\$2,760.00	\$2,870.00	\$2,980.00	\$3,100.00	\$3,220.00	\$3,350.00	\$3,480.00	\$3,620.00
Sewer Fund	Sewer base charge (fixed charge)		NP	Billing Unit			\$5.00	\$5.00	\$5.00	\$10.00	\$15.00	\$20.00	\$25.00	\$26.00	\$27.00	\$28.10	\$29.20	\$30.40
Sewer Fund	Sewer Connection Charge	1 + 2 1 1 2 h	NP	REU		1.00	\$3,075.00	\$3,075.00	\$3,075.00	\$3,200.00	\$3,330.00	\$3,460.00	\$3,600.00	\$3,740.00	\$3,890.00	\$4,050.00	\$4,210.00	\$4,380.00
Sewer Fund	Sewer Volume Tier 1		NP	Volume			\$5.70 \$2.546.00	\$6.10 \$2.546.00	\$6.50 \$2.546.00	\$7.50 \$2.650.00	\$8.60 \$2.760.00	\$9.90 \$2,870.00	\$11.40 \$2,980.00	\$11.90 \$3.100.00	\$12.40 \$3.220.00	\$12.80 \$3,350.00	\$13.20 \$3,480.00	\$13.60 \$3,620.00
Sewer Fund	Sewer Trunk Charge (Per Acre)		OT	Trunk			\$2,546.00	\$2,546.00	\$2,546.00	\$2,650.00	\$2,760.00	\$2,870.00	\$2,980.00	\$26.00	\$27.00	\$28.10	\$29.20	\$3,620.00
Sewer Fund	Sewer base charge (fixed charge) Sewer Connection Charge		OT OT	Billing Unit REU			\$3,075.00	\$3,075.00	\$3,075.00	\$3,200.00	\$3,330.00	\$3,460.00	\$3,600.00	\$3,740.00	\$3,890.00	\$4,050.00	\$4,210.00	\$4,380.00
Sewer Fund Sewer Fund	Sewer Volume Tier 1		OT	Volume			\$5,075.00	\$6.10	\$6.50	\$7.50	\$8.60	\$9.90	\$11.40	\$11.90	\$12.40	\$12.80	\$13.20	\$13.60
Sewer Fund	Sewer Trunk Charge (Per Acre)		RE	Trunk			\$2,546.00	\$2,546.00	\$2,546,00	\$2,650.00	\$2,760.00	\$2,870.00	\$2,980.00	\$3,100.00	\$3,220.00	\$3,350.00	\$3,480.00	\$3,620.00
Sewer Fund	Sewer base charge (fixed charge)		RE	Billing Unit			\$5.00	\$5.00	\$5.00	\$10.00	\$15.00	\$20.00	\$25.00	\$26.00	\$27.00	\$28.10	\$29.20	\$30.40
Sewer Fund	Sewer Connection Charge		RE	REU			\$3,075.00	\$3,075.00	\$3,075.00	\$3,200.00	\$3,330.00	\$3,460.00	\$3,600.00	\$3,740.00	\$3,890.00	\$4,050.00	\$4,210.00	\$4,380.00
Sewer Fund	Sewer Volume Tier 1		RE	Volume			\$5.70	\$6.10	\$6.50	\$7.50	\$8.60	\$9.90	\$11.40	\$11.90	\$12.40	\$12.80	\$13.20	\$13.60
Storm Water Fund	Stormwater REU Charge		CI	REU STORM	NATER		\$38.00	\$39.00	\$40.00	\$41.30	\$41.90	\$42.50	\$42.50	\$42.50	\$42.50	\$42.50	\$42.50	\$42.50
Storm Water Fund	Stormwater REU Charge		GV	REU STORMV	WATER		\$15.00	\$15.50	\$16.00	\$16.50	\$16.75	\$17.00	\$17.00	\$17.00	\$17.00	\$17.00	\$17.00	\$17.00
Storm Water Fund	Stormwater REU Charge		NP	REU STORMV			\$15.00	\$15,50	\$16.00	\$16.50	\$16.75	\$17.00	\$17.00	\$17.00	\$17.00	\$17.00	\$17.00	\$17.00
Storm Water Fund	Stormwater REU Charge		OT	REU STORM			\$15.00	\$15.50	\$16.00	\$16.50	\$16.75	\$17.00	\$17.00	\$17.00	\$17.00	\$17.00	\$17.00	\$17.00
Storm Water Fund	Stormwater REU Charge		RE	REU STORM	NATER	11 11 1	\$15.00	\$15.50	\$16.00	\$16.50	\$16.75	\$17.00	\$17.00	\$17,00 \$6.80	\$17.00 \$7.00	\$17.00 \$7.20	\$17.00 \$7.40	\$17.00 \$7.60
Water Fund	Water base charge (fixed charge)		CI	Billing Unit			\$5.00	\$5.00 \$3.821.00	\$5.00 \$3.821.00	\$6.00 \$3,940.00	\$6.25 \$4.080.00	\$6.40 \$4,220.00	\$6.60 \$4,370.00	\$4.500.00	\$4,640.00	\$4.780.00	\$4,920.00	\$5.070.00
Water Fund	Water Connection Charge		CI CI	REU Billing Unit St	tata Tastino	· Foo	\$3,821.00 \$1.62	\$3,821.00	\$3,821.00	\$3,940.00	\$1.62	\$4,220.00	\$1.62	\$1.62	\$1.62	\$1.62	\$1.62	\$1.62
Water Fund	Water state testing fee (fixed charge	9	Ci Ci	Trunk	tate resting	; ree	\$2.546.00	\$2,546.00	\$2,546.00	\$2,620.00	\$2,700.00	\$2,780.00	\$2,860.00	\$2,950.00	\$3,040.00	\$3,130.00	\$3,220.00	\$3,320,00
Water Fund Water Fund	Water Trunk Charge (Per Acre) Water Volume Tier 1		CI CI	Volume			\$3.10	\$3.25	\$3,40	\$3.00	\$3.10	\$3.20	\$3.30	\$3.40	\$3.50	\$3.60	\$3.70	\$3.80
Water Fund	Water Volume Tier 2		Ci.	Volume			\$0.00	\$0.00	\$0.00	\$3.60	\$3.70	\$3.80	\$3.90	\$4.00	\$4.10	\$4.20	\$4.30	\$4.40
Water Fund	Water Volume Tier 3		CI	Volume			\$0.00	\$0.00	\$0.00	\$4.65	\$4.80	\$4.90	\$5.00	\$5.20	\$5.40	\$5.60	\$5.80	\$6.00
Water Fund	Water base charge (fixed charge)		GV	Billing Unit			\$5.00	\$5.00	\$5.00	\$6.00	\$6.25	\$6.40	\$6.60	\$6.80	\$7.00	\$7.20	\$7.40	\$7.60
Water Fund	Water Connection Charge		GV	REU			\$3,821.00	\$3,821.00	\$3,821.00	\$3,940.00	\$4,080.00	\$4,220.00	\$4,370.00	\$4,500.00	\$4,640.00	\$4,780.00	\$4,920.00	\$5,070.00
Water Fund	Water state testing fee (fixed charge	1	GV	Billing Unit St	tate Testing	Fee	\$1.62	\$1.62	\$1.62	\$1.62	\$1.62	\$1.62	\$1.62	\$1.62	\$1.62	\$1.62	\$1.62	\$1.62
Water Fund	Water Trunk Charge (Per Acre)		GV	Trunk			\$2,546.00	\$2,546.00	\$2,546.00	\$2,620.00	\$2,700.00	\$2,780.00	\$2,860.00	\$2,950.00	\$3,040.00	\$3,130.00	\$3,220.00	\$3,320.00
Water Fund	Water Volume Tier 1		GV	Volume			\$3.10	\$3.25	\$3.40	\$3.00	\$3.10	\$3.20	\$3.30	\$3.40	\$3.50	\$3.60 \$4.20	\$3.70 \$4.30	\$3.80 \$4.40
Water Fund	Water Volume Tier 2		GV	Volume			\$0.00	\$0.00	\$0.00 \$0.00	\$3.60 \$4.65	\$3.70 \$4.80	\$3.80 \$4.90	\$3.90 \$5.00	\$4.00 \$5.20	\$4.10 \$5.40	\$4.20 \$5.60	\$4.30	\$6.00
Water Fund	Water Volume Tier 3		GV	Volume			\$0.00	\$0.00	\$5.00	\$6.00	\$6.25	\$6.40	\$6.60	\$6.80	\$7.00	\$7.20	\$7.40	\$7.60
Water Fund	Water base charge (fixed charge)		IR IR	Billing Unit REU			\$5.00 \$3,821.00	\$5.00 \$3.821.00	\$3,821.00	\$3,940.00	\$6.25 \$4,080.00	\$4.220.00	\$4,370.00	\$4.500.00	\$4,640.00	\$4,780.00	\$4,920.00	\$5,070.00
Water Fund	Water Connection Charge	, and suffer	IR IR	Billing Unit St	tata Tactina	Foo	\$3,821.00	\$1.62	\$1.62	\$1.62	\$1.62	\$1.62	\$1.62	\$1.62	\$1.62	\$1.62	\$1.62	\$1.62
Water Fund	Water state testing fee (fixed charge Water Trunk Charge (Per Acre)	y	IR	Trunk	rare result		\$2,546.00	\$2,546.00	\$2.546.00	\$2,620.00	\$2,700.00	\$2,780.00	\$2,860.00	\$2,950.00	\$3,040.00	\$3,130.00	\$3,220.00	\$3,320.00
Water Fund Water Fund	Water Volume Tier 1		IR	Volume			\$3.10	\$3.25	\$3.40	\$3.00	\$3.10	\$3.20	\$3.30	\$3.40	\$3.50	\$3.60	\$3.70	\$3.80
Water Fund	Water Volume Tier 2		IR .	Volume			\$0.00	\$0.00	\$0.00	\$3.60	\$3.70	\$3.80	\$3.90	\$4.00	\$4.10	\$4.20	\$4.30	\$4.40
Water Fund	Water Volume Tier 3		1R	Volume			\$0.00	\$0.00	\$0.00	\$4.65	\$4.80	\$4.90	\$5.00	\$5.20	\$5.40	\$5.60	\$5.80	\$6.00
Water Fund	Water base charge (fixed charge)		NP	Billing Unit			\$5.00	\$5.00	\$5.00	\$6.00	\$6.25	\$6.40	\$6.60	\$6.80	\$7.00	\$7.20	\$7.40	\$7.60
Water Fund	Water Connection Charge		NP	REU			53,821.00	\$3,821.00	\$3,821.00	\$3,940.00	\$4,080.00	\$4,220.00	\$4,370.00	\$4,500.00	\$4,640.00	\$4,780.00	\$4,920.00	\$5,070.00
Water Fund	Water state testing fee (fixed charge)	NP	Billing Unit St	tate Testing	Fee	\$1.62	\$1.62	\$1.62	\$1.62	\$1.62	\$1.62	\$1.62	\$1.62	\$1.62	\$1.62	\$1.62	\$1.62
Water Fund	Water Trunk Charge (Per Acre)		NP	Trunk			\$2,546.00	\$2,546.00	\$2,546.00	\$2,620.00	\$2,700.00	\$2,780.00	\$2,860.00	\$2,950.00	\$3,040.00 \$3.50	\$3,130.00 \$3.60	\$3,220.00 \$3.70	\$3,320.00 \$3.80
Water Fund	Water Volume Tier 1		NP	Volume			\$3.10	\$3.25	\$3.40	\$3.00	\$3.10	\$3.20	\$3.30	\$3.40	\$5.5U	23.00	25./0	25.60

Appendix B Schedule of Fees for Study Page 2 of 2 for Appendix B

FEE SCHEDULE FOR WATER AND SEWER SERVICES - FOR PRO FORMA

N.Z.				144		- 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1	198			9.4 of 2 style (100		48	W. F. C.
				2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033
Fund	Rate Code Description	Customer Classification	Basis	Actual Year 1	Actual Year 2	Current Year	Projected Year 1	Projected Year 2	Projected Year 3	Projected Year 4	Projected Year 5	Projected Year 6	Projected Year 7	Projected Year 8	Projected Year 9
Water Fund	Water Volume Tier 2	NP	Volume	\$0.00	\$0.00	\$0.00	\$3.60	\$3.70	\$3.80	\$3.90	\$4.00	\$4.10	\$4.20	\$4.30	\$4.40
Water Fund	Water Volume Tier 3	NP	Volume	\$0.00	\$0.00	\$0.00	\$4.65	\$4.80	\$4.90	\$5.00	\$5.20	\$5.40	\$5.60	\$5.80	\$6.00
Water Fund	Water base charge (fixed charge)	OT	Billing Unit	\$5.00	\$5.00	\$5.00	\$6.00	\$6.25	\$6.40	\$6.60	\$6.80	\$7.00	\$7.20	\$7.40	\$7.60
Water Fund	Water Connection Charge	OT	REU	\$3,821.00	\$3,821.00	\$3,821.00	\$3,940.00	\$4,080.00	\$4,220.00	\$4,370.00	\$4,500.00	\$4,640.00	\$4,780.00	\$4,920.00	\$5,070.00
Water Fund	Water state testing fee (fixed charge)	OT	Billing Unit State Testing Fee	\$1.62	\$1.62	\$1.62	\$1.62	\$1.62	\$1.62	\$1.62	\$1.62	\$1.62	\$1.62	\$1.62	\$1.62
Water Fund	Water Trunk Charge (Per Acre)	OT	Trunk	\$2,546.00	\$2,546.00	\$2,546.00	\$2,620.00	\$2,700.00	\$2,780.00	\$2,860.00	\$2,950.00	\$3,040.00	\$3,130.00	\$3,220.00	\$3,320.00
Water Fund	Water Volume Tier 1	OT	Volume	\$3.10	\$3.25	\$3.40	\$3.00	\$3.10	\$3.20	\$3.30	\$3.40	\$3.50	\$3.60	\$3.70	\$3.80
Water Fund	Water Volume Tier 2	OT	Volume	\$0.00	\$0.00	\$0.00	\$3.60	\$3.70	\$3.80	\$3.90	\$4.00	\$4,10	\$4.20	\$4.30	\$4.40
Water Fund	Water Volume Tier 3	OT	Volume	\$0.00	\$0.00	\$0.00	\$4.65	\$4.80	\$4.90	\$5.00	\$5.20	\$5.40	\$5.60	\$5.80	\$6.00
Water Fund	Water base charge (fixed charge)	RE .	Billing Unit	\$5.00	\$5.00	\$5.00	\$6.00	\$6.25	\$6.40	\$6.60	\$6.80	\$7.00	\$7.20	\$7.40	\$7.60
Water Fund	Water Connection Charge	RE	REU	\$3,821.00	\$3,821.00	\$3,821.00	\$3,940.00	\$4,080.00	\$4,220.00	\$4,370.00	\$4,500.00	\$4,640.00	\$4,780.00	\$4,920.00	\$5,070.00
Water Fund	Water state testing fee (fixed charge)	RE	Billing Unit State Testing Fee	\$1.62	\$1.62	\$1.62	\$1.62	\$1.62	\$1.62	\$1.62	\$1.62	\$1.62	\$1.62	\$1.62	\$1.62
Water Fund	Water Trunk Charge (Per Acre)	RE	Trunk	\$2,546.00	\$2,546.00	\$2,546.00	\$2,620.00	\$2,700.00	\$2,780.00	\$2,860.00	\$2,950.00	\$3,040.00	\$3,130.00	\$3,220.00	\$3,320.00
Water Fund	Water Volume Tier 1	RE	Volume	\$3.10	\$3.25	\$3.40	\$3.00	\$3.10	\$3.20	\$3.30	\$3.40	\$3.50	\$3.60	\$3.70	\$3.80
Water Fund	Water Volume Tier 2	RE	Volume	\$0.00	\$0.00	\$0.00	\$3.60	\$3.70	\$3.80	\$3.90	\$4.00	\$4.10	\$4.20	\$4.30	\$4.40
Water Fund	Water Volume Tier 3	RE	Volume	\$0.00	\$0.00	\$0.00	\$4.65	\$4.80	\$4.90	\$5.00	\$5.20	\$5.40	\$5.60	\$5.80	\$6.00

Appendix C

Debt Payable from Utility Funds, Includes Existing Debt Only (Issued Before 12/31/2023)

Summary of Existing Debt - Business Type Activity Bonds

	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033
Annual Principal											
Water Fund	790,000	835,000	895,000	925,000	970,000	1,010,000	755,000	90,000	95,000	65,000	65,000
Sewer Fund	465,000	520,000	365,000	385,000	215,000	225,000	230,000	245,000	250,000	165,000	170,000
Sewer Fund - St. Cloud Allocated Debt	-	966,961	985,974	1,000,120	958,297	977,442	991,386	1,381,058	230,892	233,498	236,104
Storm Water Fund	-	15,000	35,000	40,000	40,000	45,000	45,000	45,000	50,000	50,000	55,000
Total Principal	1,255,000	2,336,961	2,280,974	2,350,120	2,183,297	2,257,442	2,021,386	1,761,058	625,892	513,498	526,104
Annual Interest											
Water Fund	235,603	210,975	182,875	153,025	121,900	89,350	60,875	47,275	43,700	40,225	36,975
Sewer Fund	199,759	188,888	174,944	162,325	151,275	142,025	132,450	122,900	113,375	104,425	96,050
Sewer Fund - St. Cloud Allocated Debt	-	133,546	117,534	100,558	83,678	66,652	49,012	27,249	18,297	15,769	13,212
Storm Water Fund	49,133	49,875	48,625	46,750	44,750	42,625	40,375	38,125	35,750	33,250	30,625
Total Interest	484,496	583,284	523,978	462,658	401,603	340,652	282,712	235,549	211,122	193,669	176,862
Annual Debt Service											
Water Fund	1,025,603	1,045,975	1,077,875	1,078,025	1,091,900	1,099,350	815,875	137,275	138,700	105,225	101,975
Sewer Fund	664,759	708,888	539,944	547,325	366,275	367,025	362,450	367,900	363,375	269,425	266,050
Sewer Fund - St. Cloud Allocated Debt	-	1,100,507	1,103,508	1,100,678	1,041,975	1,044,094	1,040,398	1,408,307	249,189	249,267	249,316
Storm Water Fund	49,133	64,875	83,625	86,750	84,750	87,625	85,375	83,125	85 ,7 50	83,250	85,625
Total Debt Service	1,739,496	2,920,245	2,804,952	2,812,778	2,584,900	2,598,094	2,304,098	1,996,607	837,014	707,167	702,966
Bonds Outstanding at Year End											
Water Fund	6,550,000	5,715,000	4,820,000	3,895,000	2,925,000	1,915,000	1,160,000	1,070,000	975,000	910,000	845,000
Sewer Fund	4,965,000	4,445,000	4,080,000	3,695,000	3,480,000	3,255,000	3,025,000	2,780,000	2,530,000	2,365,000	2,195,000
Sewer Fund - St. Cloud Allocated Debt	8,932,278	7,965,317	6,979,343	5,979,223	5,020,926	4,043,484	3,052,098	1,671,040	1,440,148	1,206,650	970,546
Storm Water Fund	1,120,000	1,105,000	1,070,000	1,030,000	990,000	945,000	900,000	855,000	805,000	755,000	700,000
Total Bonds Outstanding	21,567,278	19,230,317	16,949,343	14,599,223	12,415,926	10,158,484	8,137,098	6,376,040	5,750,148	5,236,650	4,710,546

Appendix D

Debt Payable from Utility Funds, Includes New Debt Only (Issuance after 12/31/2023)

Summary of Planned New Debt - Business Type Activity Bonds

	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033
										· · · · · · · · · · · · · · · · · · ·
Annual Principal										
Water Fund	-	-	87,891	159,937	257,065	268,226	854,388	1,395,550	1,444,568	1,495,729
Sewer Fund	-	-	117,109	175,063	523,542	546,527	569,513	592,499	612,629	635,615
Sewer Fund - St. Cloud Allocated Debt	-	145,000	245,000	315,000	355,000	360,000	425,000	430,000	450,000	450,000
Storm Water Fund	-	-	110,000	205,000	234,394	240,246	256,099	266,951	272,804	283,656
Total Principal	-	145,000	560,000	855,000	1,370,000	1,415,000	2,105,000	2,685,000	2,780,000	2,865,000
Annual Interest										
Water Fund	_	_	132,359	239,881	386,969	376,704	591,491	794,480	740,973	685,571
Sewer Fund	_	_	176,360	257,363	822,048	800,968	778,983	756,093	732,351	707,757
Sewer Fund - St. Cloud Allocated Debt	_	90,688	145,438	182,438	191,813	212,875	203,063	192,375	181,375	170,125
Storm Water Fund	_	-	85,600	152,700	176,570	167,078	157,151	146,690	135,895	124,765
Total Interest	-	90,688	539,756	832,381	1,577,400	1,557,625	1,730,688	1,889,638	1,790,594	1,688,219
Annual Debt Service										
Water Fund	_	_	220,250	399,818	644,033	644,930	1,445,879	2,190,030	2,185,541	2,181,300
Sewer Fund	_	_	293,469	432,426	1,345,590	1,347,496	1,348,496	1,348,592	1,344,979	1,343,372
Sewer Fund - St. Cloud Allocated Debt	_	235,688	390,438	497,438	546,813	572,875	628,063	622,375	631,375	620,125
Storm Water Fund	_		195,600	357,700	410,964	407,324	413,250	413,641	408,698	408,422
Total Debt Service	-	235,688	1,099,756	1,687,381	2,947,400	2,972,625	3,835,688	4,574,638	4,570,594	4,553,219
Bonds Outstanding at Year End										
Water Fund	-	3,573,519	6,291,961	10,011,893	9,754,828	16,216,602	21,482,214	20,086,664	18,642,097	17,146,367
Sewer Fund	_	4,761,481	6,808,039	21,091,648	20,568,107	20,021,579	19,452,066	18,859,567	18,246,939	17,611,324
Sewer Fund - St. Cloud Allocated Debt	3,700,000	5,940,000	7,455,000	7,850,000	8,695,000	8,335,000	7,910,000	7,480,000	7,030,000	6,580,000
Storm Water Fund	3,700,000	2,195,000	3,920,000	4,531,459	4,297,065	4,056,819	3,800,720	3,533,769	3,260,965	2,977,309
Total Bonds Outstanding	3,700,000	16,470,000	24,475,000	43,485,000	43,315,000	48,630,000	52,645,000	49,960,000	47,180,000	44,315,000
New Bonds Issued										
		2 572 540	2 000 222	2.070.000		C 730 000	C 120 000			
Water Fund	-	3,573,519	2,806,333	3,879,869	-	6,730,000	6,120,000	-	-	-
Sewer Fund	-	4,761,481	2,163,667	14,458,673	-	-	-	-	-	-
Sewer Fund - St. Cloud Allocated Debt	3,700,000	2,385,000	1,760,000	710,000	1,200,000	-	-	-	-	-
Storm Water Fund	-	2,195,000	1,835,000	816,459	-		-	-	-	-
Total Bonds Outstanding	3,700,000	12,915,000	8,565,000	19,865,001	1,200,000	6,730,000	6,120,000	-	-	-

Appendix E

Debt Payable from Utility Funds, Inludes Existing Debt and Planned New Debt

Summary of Existing and Planned New Debt - Business Type Activity Bonds

	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033
Annual Principal											
Water Fund	790,000	835,000	895,000	1,012,891	1,129,937	1,267,065	1,023,226	944,388	1,490,550	1,509,568	1,560,729
Sewer Fund	465,000	520,000	365,000	502,109	390,063	748,542	776,527	814,513	842,499	777,629	805,615
Sewer Fund - St. Cloud Allocated Debt	-	966,961	1,130,974	1,245,120	1,273,297	1,332,442	1,351,386	1,806,058	660,892	683,498	686,104
Storm Water Fund	-	15,000	35,000	150,000	245,000	279,394	285,246	301,099	316,951	322,804	338,656
Total Principal	1,255,000	2,336,961	2,425,974	2,910,120	3,038,297	3,627,442	3,436,386	3,866,058	3,310,892	3,293,498	3,391,104
Annual Interest											
Water Fund	235,603	210,975	182,875	285,384	361,781	476,319	437,579	638,766	838,180	781,198	722,546
Sewer Fund	199,759	188,888	174,944	338,685	408,638	964,073	933,418	901,883	869,468	836,776	803,807
Sewer Fund - St. Cloud Allocated Debt	-	133,546	208,222	245,996	266,116	258,465	261,887	230,312	210,672	197,144	183,337
Storm Water Fund	49,133	49,875	48,625	132,350	197,450	219,195	207,453	195,276	182,440	169,145	155,390
Total Interest	484,496	583,284	614,665	1,002,414	1,233,984	1,918,052	1,840,337	1,966,237	2,100,760	1,984,263	1,865,081
Annual Debt Service											
Water Fund	1,025,603	1,045,975	1,077,875	1,298,275	1,491,718	1,743,383	1,460,805	1,583,154	2,328,730	2,290,766	2,283,275
Sewer Fund	664,759	708,888	539,944	840,794	798,701	1,712,615	1,709,946	1,716,396	1,711,967	1,614,404	1,609,422
Sewer Fund - St. Cloud Allocated Debt	-	1,100,507	1,339,196	1,491,116	1,539,413	1,590,907	1,613,273	2,036,370	871,564	880,642	869,441
Storm Water Fund	49,133	64,875	83,625	282,350	442,450	498,589	492,699	496,375	499,391	491,948	494,047
Total Debt Service	1,739,496	2,920,245	3,040,639	3,912,534	4,272,281	5,545,494	5,276,723	5,832,295	5,411,652	5,277,761	5,256,185
Bonds Outstanding at Year End											
Water Fund	6,550,000	5,715,000	8,393,519	10,186,961	12,936,893	11,669,828	17,376,602	22,552,214	21,061,664	19,552,097	17,991,367
Sewer Fund	4,965,000	4,445,000	8,841,481	10,503,039	24,571,648	23,823,107	23,046,579	22,232,066	21,389,567	20,611,939	19,806,324
Sewer Fund - St. Cloud Allocated Debt	8,932,278	11,665,317	12,919,343	13,434,223	12,870,926	12,738,484	11,387,098	9,581,040	8,920,148	8,236,650	7,550,546
Storm Water Fund	1,120,000	1,105,000	3,265,000	4,950,000	5,521,459	5,242,065	4,956,819	4,655,720	4,338,769	4,015,965	3,677,309

APPENDIX F
Capital Acquisition Included in the Study

Capital Acquisition Included in the Study										
	2024	2025	2026	2027	2028	2029	2 <u>0</u> 30	2031	2032	2033
Water Fund										
Total Project Costs from City Capital Improvement Plan (CIP)	718,000	3,502,050	2,700,052	3,591,414	2,415,158	5,856,631	6,914,208	2,066,852	150,363	159,385
Less Recurring Project Costs Included in Operating Budget	-	100,000	106,000	112,360	119,102	126,248	133,823	141,852	150,363	159,385
Total Adjusted Capital Acquisition Planned	718,000	3,402,050	2,594,052	3,479,054	2,296,056	5,730,383	6,780,385	1,925,000	-	-
Plus Inflationary Adjustment to City CIP	-	102,062	157,978	322,602	288,175	912,701	1,315,749	442,507	-	-
Total Capital Acquisition Included in Study	718,000	3,504,112	2,752,030	3,801,656	2,584,231	6,643,084	8,096,134	2,367,507	-	-
Sewer Fund										
Total Project Costs from City Capital Improvement Plan (CIP)	2,580,000	2,565,000	2,273,700	13,247,900	462,600	352,800	313,600	325,100	337,100	349,800
Less Recurring Project Costs Included in Operating Budget	265,000	265,000	273,700	282,900	292,600	302,800	313,600	325,100	337,100	349,800
Total Adjusted Capital Acquisition Planned	2,315,000	2,300,000	2,000,000	12,965,000	170,000	50,000	-	-	-	-
Plus Inflationary Adjustment to City CIP	-	69,000	121,800	1,202,206	21,336	7,964	-	-	-	-
Subtotal Total Capital Acquisition Included in Study (before St. Cloud allocation of capital costs)	2,315,000	2,369,000	2,121,800	14,167,206	191,336	57,964	-	-	-	-
Plus St. Cloud Allocated Capital Acquisition Costs for Treatment	3,629,147	2,337,934	1,726,339	694,200	1,174,800	-	-	-	-	=
Total Capital Acquisition Included in Study	5,944,147	4,706,934	3,848,139	14,861,406	1,366,136	57,964	-	-	-	-
*St. Cloud Allocated Capital Acquisition Costs for Treatment are estimated based on information from St. Oprincipal amount of Bonds to be allocated to Sartell by St. Cloud for Treatment.	Cloud. The amou	nts included	in Appendix F	do not include	cost of issua	nce of bonds	. The amoun	ts listed below	are the estim	ated
Total St. Cloud Costs Allocated to Sartell Included in Study, including cost of issuance	3,700,000	2,385,000	1,760,000	710,000	1,200,000					
Bond Principal Allocated to Sartell From St. Cloud (these amounts are different than the amounts used in the Study due to rounding and cost of issuance of bonds is not included in Appendix F)	3,697,006	2,337,934	1,726,339	694,200	1,174,800					
Stormwater Fund										
Total Project Costs from City Capital Improvement Plan (CIP)	3,140,000	3,980,000	2,501,000	8,673,360	425,462	192,989	430,823	230,172	397,363	236,805
Less Recurring Project Costs Included in Operating Budget	90,000	130,000	126,000	118,360	125,462	132,989	165,823	165,172	157,363	166,805
Total Adjusted Capital Acquisition Planned	3,050,000	3,850,000	2,375,000	8,555,000	300,000	60,000	265,000	65,000	240,000	70,000
Plus Inflationary Adjustment to City CIP	-	115,500	144,638	793,279	37,653	9,556	51,424	14,942	64,025	21,334
Total Capital Acquisition Included in Study	3,050,000	3,965,500	2,519,638	9,348,279	337,653	69,556	316,424	79,942	304,025	91,334



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TO:

FOLEY CITY COUNCIL

FROM:

SARAH BRUNN, CITY ADMINISTRATOR

SUBJECT: 09-03-24 - COUNCIL MEETING

DATE:

AUGUST 30, 2024

Wastewater Regionalization Project

A project update and pay application will be provided at the council meeting. Mr. Voge will also provide a project update and review the change order that is being presented.

St. John's Church - Fence

Chris from St. John's Area School will be at the meeting to request city permission to place a fence on the city property line. He has been working directly with the public works director on this project.

2025 Budget

A few items are on the agenda as requested for further discussion with the budget - please bring your materials from the budget workshop to the meeting. We have included the preliminary levy resolution as it stands based on the consensus of the budget workshop. This is a 4.7% increase. As a reminder, this amount can be lowered but not raised after it is adopted.

Discussion on 2025 Dodge Durango

Please bring your police squad information from the budget meeting. Chief McMillin will be asking the council to move forward with ordering a new squad car.

Lion's Park Tennis Courts/Pickleball

Please bring the materials provided at the budget workshop to discuss this item further.

Tier Water/Sewer Rates Discussion

There was a request from the council to look into a tiered rate system. If the council wishes to pursue this item further, I would recommend we look an entire rate study analysis. I've included a sample that was done in Sartell recently for your reference to start the discussion.

Upcoming Reminders:

September 13, 2024 - Special Meeting - Pantown Brewing Liquor License

October 1, 2024 - Council Meeting

October 15, 2024 - Council Meeting w/Township Officials - Fire Contracts

November 5, 2024 – General Election

November 12, 2024 - Council Meeting