
BUDGET MEMO

TO: CITY ADMINISTRATOR

FROM: JESSI STURTZ – ABDO FINANCIAL SOLUTIONS

SUBJECT: 2025 PROPOSED ENTERPRISE FUNDS BUDGET

DATE: 3/5/2025

Introduction

Upon your request, we have summarized some of the key items for consideration in this years' enterprise fund budget.

Budget Format

Key items in this year's budget:

- There are currently three enterprise funds operating in the City.
- The final 2025 enterprise fund budget has a net revenue of \$767,556.
- In 2023, a utility rate study was performed by Abdo Financial Solutions with assumptions agreed upon with management. Those projections are available in the rate study and have been incorporated into this budget.
- In the coming years there are several capital expenses planned so it is imperative to have adequate funds available.
- Debt service expenses have been budgeted for according to each individual debt issues bond service schedules. Included in this are bond indebtedness principal payments, bond indebtedness interest payments and fiscal agent fees. These items have been budgeted and presented according to each issue of debt's amortization schedule and bond document.

Enterprise Fund Summary

Typically, the enterprise funds include general operations, capital improvements, and debt service. The proposed 2025 enterprise fund budget is listed below for each fund:

	Water	Sewer	Storm Sewer
Revenues			
Sales and Fees	\$ 784,813	\$ 668,349	\$ 119,199
Interest and Penalties	20,000	1,500	21,000
Miscellaneous	32,704	20,354	14,815
Total Revenue	837,517	690,203	205,014
	Water	Sewer	Storm Sewer
Expenses			
Personnel	6,230	6,230	3,110
Administrative	149,900	336,450	9,500
Planning and Engineering	21,000	2,300	4,500
Repairs and Maintenance	100,000	2,600	11,000
Insurance	9,950	1,860	-
Miscellaneous	8,000	3,500	11,400
Utilities	50,500	3,000	-
Supplies	17,100	1,350	-
Debt Service	71,672	36,319	20,507
Transfers	-	-	50,000
Capital and Equipment	11,000	-	16,200
Total Expenses	\$ 445,352	\$ 393,609	\$ 126,217
Revenues Over (Under) Expenses	392,165	296,594	78,797
Less: Depreciation (non-cash item)	240,828	86,352	49,584
Change in Fund Balance	151,337	210,242	29,213

Enterprise Fund Detail

On the following pages each individual enterprise funds actual operating results from 2023, year-to-date results, 2024 budget and final 2025 budget are presented.

Water Fund Budget Summary

	Actual 2023	Budget 2024	YTD 12/31/2024	Budget 2025	Amount Change	Percent Change
Revenues						
Water sales	\$ 741,703	\$ 676,547	\$ 713,465	\$ 784,813	\$ 108,266	16.0%
Interest and Penalties	18,927	-	58,285	20,000	20,000	0.0%
Miscellaneous	19,259	29,194	83,122	32,704	3,510	12.0%
Refunds and Reimbursements	-	-	60,346	-	-	0.0%
Total Revenues	779,889	705,741	915,218	837,517	131,776	18.7%
Expenses						
Personnel	\$ -	\$ 4,606	\$ -	\$ 6,230	\$ 1,624	35.3%
Supplies	5,874	18,782	10,862	17,100	(1,682)	-9.0%
Administrative	112,417	83,080	135,980	149,900	66,820	80.4%
Utilities	47,645	51,073	43,893	50,500	(573)	-1.1%
Planning and Engineering	18,091	27,038	20,345	21,000	(6,038)	-22.3%
Insurance	13,500	8,240	13,872	9,950	1,710	20.8%
Repairs and Maintenance	107,223	57,468	97,815	100,000	42,532	74.0%
Miscellaneous	83,373	10,313	7,824	8,000	(2,313)	-22.4%
Capital and Equipment	10,392	-	2,808	11,000	11,000	0.0%
Debt Service	75,680	457,898	81,620	71,672	(386,226)	-84.4%
Total Expenses	474,195	718,498	415,019	445,352	(273,146)	-38.0%
Revenues Over (Under) Expenses	305,694	(12,757)	500,199	392,165	404,922	
Less: Depreciation (non-cash item)	240,824	-	240,824	240,828		
Change in Fund Balance	64,870	(12,757)	259,375	151,337		

Water Fund Key Information:

- As mentioned above, a utility rate study was performed for the Water fund in 2023. These budgeted numbers reflect the outcomes presented in that projection.
- Administrative – Increase in auditing and accounting of \$9,000 due to Abdo invoices allocated out between funds for 2025. There is also an increase in contracted services of \$58,000 to align more with actuals from the previous two years.
- Repair and Maintenance – Increase due to increase of equipment repair and maintenance of \$43,000.
- Debt Service – Decrease due to not budgeting for the principal debt service payments, as they are hitting bonds payable instead of the expense.
- Depreciation is a reduction in the value of an asset with the passage of time, due in particular to wear and tear.
*Depreciation is a non-cash item and thus does not impact cash balances, only fund balances.

Sewer Fund Budget Summary

	Actual 2023	YTD 12/31/2024	Budget 2024	Budget 2025	Amount Change	Percent Change
Revenues						
Sewer Sales	\$ 414,466	\$ 642,643	\$ 466,098	\$ 668,349	\$ 202,251	43.4%
Interest and Penalties	1,381	6,622	-	1,500	1,500	0.0%
Miscellaneous Revenues	72,862	39,376	20,096	20,354	258	1.3%
Transfers	93,315	-	-	-	-	0.0%
Total Revenues	582,024	688,641	486,194	690,203	204,009	42.0%
Expenses						
Personnel	\$ -	\$ -	\$ 4,650	\$ 6,230	\$ 1,580	34.0%
Supplies	-	25	865	1,350	485	56.1%
Administrative	228,750	257,767	373,031	336,450	(36,581)	-9.8%
Utilities	2,921	2,765	2,992	3,000	8	0.3%
Planning and Engineering	21,255	262	2,163	2,300	137	6.3%
Insurance	2,813	2,577	2,163	1,860	(303)	-14.0%
Repairs and Maintenance	17,260	-	2,082	2,600	518	24.9%
Miscellaneous	6,603	293	8,868	3,500	(5,368)	-60.5%
Capital and Equipment	-	13,868	-	-	-	0.0%
Debt Service	35,178	40,552	152,211	36,319	(115,892)	-76.1%
Total Expenses	314,780	318,109	549,025	393,609	(155,416)	-28.3%
Revenues Over (Under) Expenses	267,244	370,532	(62,831)	296,594	359,425	
Less: Depreciation (non-cash item)	86,352	86,352	-	86,352		
Change in Fund Balance	180,892	284,180	(62,831)	210,242		

Sewer Fund Key Information:

- As mentioned above, a utility rate study was performed for the Sewer fund in 2023. These budgeted numbers reflect the outcomes presented in that projection.
- Miscellaneous- Decrease due to dues and subscriptions and miscellaneous expense. The 2025 budget is more in line with the actuals from previous years.
- Debt Service – Decrease due to not budgeting for the principal debt service payments, as they are hitting bonds payable instead of the expense.
- Depreciation is a reduction in the value of an asset with the passage of time, due in particular to wear and tear.
**Depreciation is a non-cash item and thus does not impact cash balances, only fund balances.*

Storm Sewer Budget Summary

	Actual 2023	YTD 12/31/2024	Budget 2024	Budget 2025	Amount Change	Percent Change
Revenues						
Storm Water Fees	\$ 90,068	\$ 113,525	\$ -	\$ 119,199	\$ 119,199	0.0%
Interest and Penalties	7,140	24,355	-	21,000	21,000	0.0%
Miscellaneous Revenue	9,889	25,993	-	14,815	14,815	0.0%
Refunds and Reimbursements	-	1,500	-	-	-	0.0%
Transfers	-	50,000	50,000	50,000	-	0.0%
Total Revenues	107,097	215,373	50,000	205,014	155,014	310.0%
Expenses						
Personnel	\$ -	\$ -	\$ -	\$ 3,110	\$ 3,110	0.0%
Administrative	4,915	4,783	5,150	9,500	4,350	84.5%
Planning and Engineering	12,976	3,593	5,150	4,500	(650)	-12.6%
Repairs and Maintenance	-	10,887	-	11,000	11,000	0.0%
Supplies	-	98	-	-	-	0.0%
Miscellaneous	20,900	10	11,340	11,400	60	0.5%
Debt Service	22,421	21,756	24,127	20,507	(3,620)	-15.0%
Capital and Equipment	-	-	-	16,200	16,200	0.0%
Transfers	-	50,000	50,000	50,000	-	0.0%
Total Expenses	61,212	91,127	95,767	126,217	30,450	31.8%
Revenues Over (Under) Expenses	45,885	124,246	(45,767)	78,797	124,564	
Less: Depreciation (non-cash item)	49,584	49,584	8,095	49,584		

Storm Sewer Fund Key Information:

- Each line item was budgeted in an attempt to be in line with actuals from previous years.
- Administrative – Increase due to Abdo invoices allocated out between funds for 2025
- Depreciation is a reduction in the value of an asset with the passage of time, due in particular to wear and tear.
**Depreciation is a non-cash item and thus does not impact cash balances, only fund balances.*



City of Maple Plain Fee Schedule

Utilities

Quarterly Utility Billing

State Water Testing Fee	\$ 2.45		
Water Treatment Plant Charge			
Residential	\$ 25.00		
Commercial	\$ 30.00		
	<i>Within the City</i>	<i>Outside the City*</i>	<i>* a 35% surcharge will charged to properties outside the City limits as calculated here.</i>
Water Fixed Fee	\$ 11.13	\$ 15.03	
Water Volume Charges*			* per 1000 gallons
Up to 6,000 gallons	\$ 8.73	\$ 10.85	
6,001 – 12,000 gallons	\$ 9.17	\$ 12.38	
12,001 – 24,000 gallons	\$ 9.61	\$ 12.97	
24,001 gallons and above	\$ 10.58	\$ 14.29	
Sewer Fixed Fee	\$ 97.61		
Sewer Volume Charges*			* Based on Quarter 1 water use per City Code 9-74.
Up to 6,000 gallons	\$97.61 Fixed Fee Only		
6,001 gallons and above	\$ 8.05 per 1000 gallons		
Failure to Comply 9-74 6 (b) Surface water drain system	\$500.00 per Quarter		
Storm Water Fees			
Undeveloped or Vacant Land	\$ 53.92 per acre		
Single- & Two-Family Res.	\$ 11.86 per lot		
Multi-Family Residential	\$ 71.89 per acre		
Church & Institutional	\$ 53.92 per acre		
Mixed Use (Comm./Retail)	\$ 107.83 per acre		
Industrial or Office Park	\$ 107.83 per acre		

Other Utility Fees

Fee Description	Amount	Notes
Inflow & Infiltration Violation	\$500 per quarter	
Overdue/Unpaid Bills	Cost + 10% Penalty Fee per quarter	
Sewer Access Charge		
MCES Charge	\$2,485 per unit	
City Charge	\$800 per unit	
Water Access Charge		
Within the City	\$3,000 per unit	
Outside the City	\$7,500 per unit	
Water Meter	Cost	
Meter Testing	Cost of Test	
Damaged Water Meter	\$60 plus staff time & material	
Damaged Curb Stop	\$100 plus staff time & material	
Damaged Hydrant	Cost	

Damaged Water Main	Cost	
Private Hydrants Flushing	\$75 per hydrant annually	
Temporary/Construction Meters (per month) Deposit	\$100 plus volume charges (\$20 per 1,000 gallons) \$2000	
Water or Sewer Disconnect/Restart	\$60	
Sanitary Sewer Lateral Repair Permit	\$50	
Water Line Repair Permit	\$50	
Utility Assessment Penalty	\$150	

City of Maple Plain, Minnesota
2023 – 2027 Utility Rate Study
Scenario 2

	<i>Actual</i> 2022	<i>Proposed</i> 2023	<i>Proposed</i> 2024	<i>Proposed</i> 2025	<i>Proposed</i> 2026	<i>Proposed</i> 2027
Water Rates (Scenario 2)						
<i>Proposed Rate Change - Usage</i>		10.0%	10.0%	10.0%	8.0%	5.0%
<i>Proposed Rate Change - Fixed</i>		10.0%	10.0%	10.0%	8.0%	5.0%
Residential						
Water Volume						
Up to 6,000	6.56	7.22	7.94	8.73	9.43	9.90
6,001 to 12,000	6.89	7.58	8.34	9.17	9.90	10.40
12,001 to 24,000	7.22	7.94	8.74	9.61	10.38	10.90
24,001 and above	7.95	8.75	9.62	10.58	11.43	12.00
Fixed Fees						
State Water Testing Fee	2.45	2.45	2.45	2.45	2.45	2.45
Water Treatment Plant Charge	25.00	25.00	25.00	25.00	25.00	25.00
Water Fixed Fee	9.20	10.12	11.13	12.25	13.22	13.89
Commercial						
Water Volume						
Up to 6,000	6.56	7.22	7.94	8.73	9.43	9.90
6,001 to 12,000	6.89	7.58	8.34	9.17	9.90	10.40
12,001 to 24,000	7.22	7.94	8.74	9.61	10.38	10.90
24,001 and above	7.95	8.75	9.62	10.58	11.43	12.00
Fixed Fees						
State Water Testing Fee	2.45	2.45	2.45	2.45	2.45	2.45
Water Treatment Plant Charge	30.00	30.00	30.00	30.00	30.00	30.00
Water Fixed Fee	9.20	10.12	11.13	12.25	13.22	13.89

Sewer Rates (Scenario 2)						
<i>Proposed Rate Change - Usage</i>		5.0%	5.0%	4.0%	3.0%	3.0%
<i>Proposed Rate Change - Fixed</i>		5.0%	5.0%	4.0%	3.0%	3.0%
Residential						
Sewer Volume						
Up to 6,000	-	-	-	-	-	-
6,001 and above	7.02	7.37	7.74	8.05	8.29	8.54
Fixed Fees						
Sewer Fixed Fee (Base Charge)	85.13	89.39	93.86	97.61	100.54	103.55
Commercial						
Sewer Volume						
Up to 6,000	-	-	-	-	-	-
6,001 and above	7.02	7.37	7.74	8.05	8.29	8.54
Fixed Fees						
Sewer Fixed Fee (Base Charge)	85.13	89.39	93.86	97.61	100.54	103.55

Storm Water Rates (Scenario 2)						
<i>Proposed Rate Change - Fixed</i>		5.0%	5.0%	5.0%	5.0%	5.0%
Residential						
Fixed Fees						
Storm Water Utility Fee - 1 lot	10.25	10.76	11.30	11.87	12.46	13.08
Storm Water Utility Fee - 2 lot	20.49	21.51	22.59	23.72	24.91	26.15
Commercial						
Fixed Fees						
Undeveloped land	46.58	48.91	51.35	53.92	56.62	59.45
Church	46.58	48.91	51.35	53.92	56.62	59.45
Multi Family	62.10	65.21	68.47	71.89	75.48	79.26
Mixed Use	93.15	97.81	102.70	107.83	113.22	118.89
Industrial	93.15	97.81	102.70	107.83	113.22	118.89
Office Park	93.15	97.81	102.70	107.83	113.22	118.89

City of Maple Plain, Minnesota
Stormwater Fund
Cash Flow Projections
Scenario 2
For the Years Ending December 31, 2022 through 2031

	Actual results				RATE STUDY PROJECTIONS				Estimated 2028	Estimated 2029	Estimated 2030	Estimated 2031
	2020	2021	2022	2023	Estimated 2024	Estimated 2025	Estimated 2026	Estimated 2027				
Projected Rate Increase												
Fixed					5%	5%	5%	5%				
Cash Flows from Operating Activities												
Receipts from customers and users												
Receipts from customers	\$ 74,923	\$ 73,548	\$ 69,285	\$ 82,058	\$ 80,173	\$ 83,633	\$ 86,668	\$ 89,814	\$ 92,508	\$ 95,283	\$ 98,142	\$ 101,086
Penalties	-	-	-	-	1,170	1,170	1,170	1,170	1,170	1,170	1,170	1,170
Other revenues	-	-	-	-	-	-	-	-	-	-	-	-
Payments to suppliers/service providers	(13,137)	(7,226)	(51,256)	(30,497)	(30,811)	(31,278)	(31,763)	(32,266)	(32,788)	(33,330)	(33,892)	(34,475)
Payments to employees	-	-	-	-	-	-	-	-	-	-	-	-
Net cash from operating activities	61,786	66,322	18,029	51,561	50,532	53,525	56,075	58,718	60,890	63,123	65,420	67,781
Cash Flows from Noncapital Financing Activities												
Transfers to other funds	-	-	-	-	-	-	-	-	-	-	-	-
Transfers for debt obligations	-	-	-	-	-	-	-	-	-	-	-	-
Transfers for capital and other	-	-	-	-	-	-	-	-	-	-	-	-
Net cash from noncapital financing activities	-	-	-	-	-	-	-	-	-	-	-	-
Cash Flows from Capital and Related Financing Activities												
Acquisition of capital assets	-	(242,017)	(27,921)	-	(313,000)	-	-	(320,000)	(360,000)	-	(300,000)	-
Capital Reserve	-	-	-	-	(5,000)	(5,000)	(5,000)	(5,000)	(5,000)	(5,000)	(5,000)	(5,000)
Connection fees received	-	-	-	-	-	-	-	-	-	-	-	-
Special assessments received	16,380	36,961	24,591	21,067	14,815	14,815	14,815	14,815	14,815	14,815	14,815	14,815
Proceeds of long-term debt, net of issuance costs	-	188,745	-	-	313,000	-	-	320,000	360,000	-	300,000	-
Interest paid on long-term debt	(23,144)	(22,287)	(24,508)	(22,961)	(21,756)	(29,270)	(27,319)	(25,293)	(32,227)	(39,641)	(36,239)	(41,183)
Principal paid on long-term debt	(40,000)	(40,000)	(40,000)	(45,000)	(50,000)	(70,867)	(75,867)	(75,867)	(97,200)	(121,200)	(121,200)	(141,200)
Net cash from capital and related financing activities	(46,764)	(78,598)	(67,838)	(46,894)	(61,941)	(90,322)	(93,371)	(91,345)	(119,612)	(151,026)	(147,624)	(172,568)
Cash Flows from Investing Activities												
Investment earnings and other activity	1,455	1,297	3,410	7,140	1,229	1,236	1,244	1,252	1,259	1,267	1,275	1,283
Net Increase (Decrease)												
In Cash and Cash Equivalents	16,477	(10,979)	(46,399)	11,807	(10,181)	(35,561)	(36,052)	(31,376)	(57,463)	(86,636)	(80,929)	(103,504)
Cash and Cash Equivalents, January 1	519,408	535,885	524,906	478,507	490,314	480,133	444,573	408,521	377,145	319,682	233,045	152,116
Cash and Cash Equivalents, December 31	<u>\$ 535,885</u>	<u>\$ 524,906</u>	<u>\$ 478,507</u>	<u>\$ 490,314</u>	<u>\$ 480,133</u>	<u>\$ 444,573</u>	<u>\$ 408,521</u>	<u>\$ 377,145</u>	<u>\$ 319,682</u>	<u>\$ 233,045</u>	<u>\$ 152,116</u>	<u>\$ 48,612</u>
Minimum Target Operating Reserve		<u>\$ 90,136</u>	<u>\$ 83,210</u>	<u>\$ 87,162</u>	<u>\$ 115,776</u>	<u>\$ 119,067</u>	<u>\$ 117,293</u>	<u>\$ 145,821</u>	<u>\$ 177,506</u>	<u>\$ 174,385</u>	<u>\$ 199,621</u>	<u>\$ 196,028</u>
Cash in Excess of Reserve		<u>\$ 434,770</u>	<u>\$ 395,298</u>	<u>\$ 403,152</u>	<u>\$ 364,358</u>	<u>\$ 325,505</u>	<u>\$ 291,228</u>	<u>\$ 231,324</u>	<u>\$ 142,176</u>	<u>\$ 58,660</u>	<u>\$ -</u>	<u>\$ -</u>
Average quarterly bill		<u>\$ 10.25</u>	<u>\$ 10.25</u>		<u>\$ 10.76</u>	<u>\$ 11.30</u>	<u>\$ 11.87</u>	<u>\$ 12.46</u>				
Average percentage increase				0%		5%	5%	5%				5%
Average quarterly dollar increase				\$ -	\$ 0.51	\$ 0.54	\$ 0.57	\$ 0.59				
Average annual dollar increase				\$ -	\$ 2.05	\$ 2.15	\$ 2.26	\$ 2.37				

City of Maple Plain, Minnesota
Water Fund
Cash Flow Projections - Detailed
Scenario 2
For the Years Ending December 31, 2022 through 2031

	Actual results				RATE STUDY PROJECTIONS							
	2020	2021	2022	2023	Estimated 2024	Estimated 2025	Estimated 2026	Estimated 2027	Estimated 2028	Estimated 2029	Estimated 2030	Estimated 2031
Projected Rate Increase												
Usage rates					10%	10%	8%	5%				
Fixed					10%	10%	8%	5%				
Cash Flows from Operating Activities												
Receipts from customers and users												
Receipts from customers	\$ 428,657	\$ 490,419	\$ 625,098	\$ 560,313	\$ 681,628	\$ 739,537	\$ 790,602	\$ 825,185	\$ 849,941	\$ 875,439	\$ 901,702	\$ 928,753
Penalties	-	-	-	-	4,094	4,094	4,094	4,094	4,094	4,094	4,094	4,094
Other revenues	-	-	-	-	-	-	-	-	-	-	-	-
Payments to suppliers/service providers	(234,624)	(224,301)	(245,232)	(415,377)	(363,854)	(376,949)	(390,686)	(405,097)	(420,217)	(436,079)	(452,723)	(470,182)
Payments to employees	(5,516)	(960)	(498)	-	-	-	-	-	-	-	-	-
Net cash from operating activities	188,517	265,158	379,368	144,936	321,867	366,681	404,009	424,181	433,817	443,453	453,072	462,664
Cash Flows from Noncapital Financing Activities												
Transfers to other funds												
(1) Transfers for debt obligations	(54,273)	(377,998)	-	-	-	-	-	-	-	-	-	-
Transfers for capital and other	30,600	-	-	-	-	-	-	-	-	-	-	-
Net cash from noncapital financing activities	(23,673)	(377,998)	-	-	-	-	-	-	-	-	-	-
Cash Flows from Capital and Related Financing Activities												
Acquisition of capital assets	-	(353,088)	(406,717)	(37,832)	(718,000)	(720,000)	-	(718,500)	(781,000)	-	(415,000)	-
Capital Reserve	-	-	-	-	(20,000)	(20,000)	(20,000)	(20,000)	(20,000)	(20,000)	(20,000)	(20,000)
Connection fees received	21,000	15,378	40,583	187,500	-	-	-	-	-	-	-	-
Special assessments received	32,045	79,112	46,517	38,850	29,487	29,487	29,487	29,487	29,487	29,487	29,487	29,487
Proceeds of long-term debt, net of issuance costs	-	933,173	351,774	-	718,000	700,000	-	500,000	760,000	-	355,000	-
Interest paid on long-term debt	(80,301)	(75,104)	(92,556)	(91,726)	(84,263)	(93,030)	(100,649)	(87,095)	(91,867)	(104,190)	(95,284)	(96,081)
Principal paid on long-term debt	(306,000)	(470,000)	(351,355)	(358,183)	(378,826)	(442,020)	(493,687)	(273,350)	(329,711)	(313,533)	(318,533)	(347,200)
Net cash from capital and related financing activities	(333,256)	129,471	(411,754)	(261,391)	(453,603)	(545,563)	(584,849)	(569,458)	(433,091)	(408,237)	(464,331)	(433,794)
Cash Flows from Investing Activities												
Investment earnings and other activity	3,025	2,616	7,755	18,927	3,040	3,040	3,040	3,040	3,040	3,040	3,040	3,040
Net Increase (Decrease)												
In Cash and Cash Equivalents	(165,387)	19,247	(24,631)	(97,528)	(128,696)	(175,842)	(177,800)	(142,237)	3,766	38,256	(8,219)	31,910
Cash and Cash Equivalents, January 1	1,143,142	977,755	997,002	972,371	874,843	746,147	570,305	392,504	250,267	254,033	292,289	284,071
Cash and Cash Equivalents, December 31	<u>\$ 977,755</u>	<u>\$ 997,002</u>	<u>\$ 972,371</u>	<u>\$ 874,843</u>	<u>\$ 746,147</u>	<u>\$ 570,305</u>	<u>\$ 392,504</u>	<u>\$ 250,267</u>	<u>\$ 254,033</u>	<u>\$ 292,289</u>	<u>\$ 284,071</u>	<u>\$ 315,981</u>
Minimum Target Operating Reserve		<u>\$ 566,776</u>	<u>\$ 657,598</u>	<u>\$ 645,016</u>	<u>\$ 723,525</u>	<u>\$ 789,679</u>	<u>\$ 562,993</u>	<u>\$ 631,686</u>	<u>\$ 635,763</u>	<u>\$ 640,179</u>	<u>\$ 678,372</u>	<u>\$ 675,393</u>
Cash in Excess of Reserve		<u>\$ 430,226</u>	<u>\$ 314,774</u>	<u>\$ 229,827</u>	<u>\$ 22,623</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>
Average Quarterly bill (11,000 gallons)		<u><u>\$ 108.01</u></u>	<u><u>\$ 108.01</u></u>		<u><u>\$ 116.31</u></u>	<u><u>\$ 125.44</u></u>	<u><u>\$ 133.48</u></u>	<u><u>\$ 138.90</u></u>				
Average percentage increase				0.0%	7.1%	7.3%	6.0%	3.9%				
Average quarterly dollar increase				\$ -	\$ 8.30	\$ 9.13	\$ 8.04	\$ 5.42				
Average annual dollar increase				\$ -	\$ 33.20	\$ 36.52	\$ 32.14	\$ 21.70				

(1) Transfers for debt service are expected to end in 2021, the related debt service payments will be made directly from the fund.

City of Maple Plain, Minnesota
Sewer Fund
Cash Flow Projections
Scenario 2
For the Years Ending December 31, 2022 through 2031

	Actual results				RATE STUDY PROJECTIONS				Estimated 2028	Estimated 2029	Estimated 2030	Estimated 2031
	2020	2021	2022	2023	Estimated 2024	Estimated 2025	Estimated 2026	Estimated 2027				
Projected Rate Increase												
Usage rates					5%	4%	3%	3%				
Fixed					5%	4%	3%	3%				
Cash Flows from Operating Activities												
Receipts from customers and users												
Receipts from customers	\$ 330,657	\$ 358,388	\$ 381,224	\$ 466,889	\$ 481,725	\$ 501,040	\$ 516,120	\$ 531,604	\$ 547,552	\$ 563,979	\$ 580,898	\$ 598,325
Penalties	-	-	-	-	4,001	4,001	4,001	4,001	4,001	4,001	4,001	4,001
Other revenues	-	-	-	-	-	-	-	-	-	-	-	-
Payments to suppliers/service providers	(344,107)	(310,981)	(265,809)	(282,188)	(296,191)	(308,490)	(321,310)	(334,678)	(348,614)	(363,144)	(378,292)	(394,089)
Payments to employees	(4,878)	-	(677)	(303)	-	-	-	-	-	-	-	-
Net cash from operating activities	(18,328)	47,407	114,738	184,398	189,535	196,551	198,811	200,927	202,939	204,836	206,607	208,237
Cash Flows from Noncapital Financing Activities												
Transfers to other funds												
(1) Transfers for debt obligations	(50,510)	(330,402)	-	-	-	-	-	-	-	-	-	-
Cash Flows from Capital and Related Financing Activities												
Acquisition of capital assets	-	(314,235)	(66,768)	(93,315)	(411,000)	-	(10,000)	(380,000)	(540,000)	-	(190,000)	-
Capital Reserve	-	-	-	-	(20,000)	(20,000)	(20,000)	(20,000)	(20,000)	(20,000)	(20,000)	(20,000)
Connection fees received	6,570	3,285	3,285	-	-	-	-	-	-	-	-	-
Special assessments received	18,217	62,054	35,684	30,210	20,354	20,354	20,354	20,354	20,354	20,354	20,354	20,354
Proceeds of long-term debt, net of issuance costs	-	782,565	150,948	-	386,000	-	-	320,000	540,000	-	180,000	-
Interest paid on long-term debt	(25,035)	(21,808)	(43,782)	(45,017)	(38,710)	(45,626)	(40,862)	(36,039)	(39,918)	(50,573)	(46,379)	(47,094)
Principal paid on long-term debt	(50,000)	(185,000)	(97,647)	(112,339)	(103,847)	(134,580)	(134,580)	(136,917)	(170,223)	(148,067)	(153,067)	(165,067)
Net cash from capital and related financing activities	(50,248)	326,861	(18,280)	(220,461)	(167,204)	(179,853)	(185,088)	(232,602)	(209,788)	(198,286)	(209,092)	(211,807)
Cash Flows from Investing Activities												
Investment earnings and other activity	337	363	1,025	2,265	303	305	307	310	312	314	317	319
Net Increase (Decrease)												
In Cash and Cash Equivalents	(118,749)	44,229	97,483	(33,798)	22,634	17,004	14,030	(31,365)	(6,537)	6,865	(2,169)	(3,250)
Cash and Cash Equivalents, January 1	15,769	(102,980)	(58,751)	38,732	4,934	27,569	44,572	58,603	27,237	20,701	27,566	25,397
Cash and Cash Equivalents, December 31	<u>\$ (102,980)</u>	<u>\$ (58,751)</u>	<u>\$ 38,732</u>	<u>\$ 4,934</u>	<u>\$ 27,569</u>	<u>\$ 44,572</u>	<u>\$ 58,603</u>	<u>\$ 27,237</u>	<u>\$ 20,701</u>	<u>\$ 27,566</u>	<u>\$ 25,397</u>	<u>\$ 22,147</u>
Minimum Target Operating Reserve		<u>\$ 274,672</u>	<u>\$ 298,602</u>	<u>\$ 290,652</u>	<u>\$ 334,451</u>	<u>\$ 336,097</u>	<u>\$ 340,294</u>	<u>\$ 384,448</u>	<u>\$ 380,211</u>	<u>\$ 388,592</u>	<u>\$ 409,205</u>	<u>\$ 409,205</u>
Cash in Excess of Reserve	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>
Average Quarterly bill (9,400 gallons)		<u>\$ 120.23</u>	<u>\$ 120.23</u>		<u>\$ 126.24</u>	<u>\$ 131.29</u>	<u>\$ 135.23</u>	<u>\$ 139.29</u>				
Average percentage increase				0%	5%	4%	3%	3%				
Average quarterly dollar increase				\$ -	\$ 6.01	\$ 5.05	\$ 3.94	\$ 4.06				
Average annual dollar increase				\$ -	\$ 24.05	\$ 20.20	\$ 15.75	\$ 16.23				

(1) Transfers for debt service are expected to end in 2021, the related debt service payments will be made directly from the fund.