

CITY OF NEW BERLIN

PROPOSED BUDGET

YEAR 2023

WASTEWATER UTILITY

TABLE OF CONTENTS

1	Budget Assumptions
2	Budget Summary
3	2023 Proposed Budget
6	Payroll
7	Budget Detail Description
9	Four Year Budget Analysis
10	MMSD Capital Charges 2019 – 2028
11	History of MMSD Capital Charges to New Berlin
12	2023 Capital Budget
13	10 Year Capital Budget Projection
14	Capital Budget Detail Description

WASTEWATER BUDGET ASSUMPTIONS

Revenues: Wastewater rates are controlled by local ordinance and need only Common Council approval to be adjusted. Every 1% increase in rates gives approximately \$105,000 in additional revenue for the utility. We are not projecting an increase in rates for 2023.

Expenses: MMSD Capital: Based off of the latest estimate we have received from MMSD, we have budgeted an increase of \$121,240 (2.2% decrease) over the estimated total from 2022. The capital charge is calculated by multiplying the MMSD tax rate by the equalized value of New Berlin property within the district boundaries. Utility has seen the MMSD Capital charge per capita increase at an annual average rate of 4.7% since 1999. (See page 11)

MMSD Operating: According to the controller/treasurer from MMSD, this number is expected to increase by \$164,780 (6.7% increase) from 2022's estimated total. We are not expecting an increase from Muskego Utility for their operating disposal charge.

These charges make up 74.6% of the total Wastewater budget. These numbers come directly from MMSD and are to a great extent out of our control. Any change in these charges will have a significant impact on the utilities budget.

Labor: Like the city budget, the Utility has budgeted for what amounts to be a 2.25% for the year for raises for the employees. In 2023, the City Accounting Supervisor will be transferring over to the Utility full time with a new role of Utility Finance Coordinator. In 2022 the Wastewater Utility was paying 30% of that positions salary. The Utility will now be paying 50% of this positions salary. The Utility Finance Coordinator with different reporting functions and backup the Utility Accounting Coordinator with utility billing functions. The Wastewater Utility has gained a 0.6 FTE of an Utility Operator in 2023. As people leave, and new people are hired, the Utility is working to get the operators trained in both Wastewater and Water operations. These items increased salary expense by approximately \$70,701 or 14.9% when compared to the 2022 estimated salary amount.

The Utility uses three year averages to determine the salary breakdowns. There will be increases in some labor accounts and decreases in other labor accounts when compared to the prior year budget.

Health insurance budget for the Utility in 2023 will stay relatively the same when compared to the budgeted amount in 2022. The rates in the Wisconsin retirement system slightly increased to 6.8% for 2022.

I&I Expenses: Account 81001131-52030 Collection System-Contracted (inflow and infiltration work and monitoring) has been budgeted at \$300,000 for public property maintenance. The goal of the utility is to complete a major repair project every other year. We have budgeted \$200,000 for a relining project.

Capital Projects: The total capital budget is \$1,630,500. The utility is planning on upgrading to Fiber Optics to all of the lift stations to help with the communication systems in 2023 for \$1,500,000 (page 14). See page 12 for the 2023 capital funding budget and see page 13 for the 10 year capital funding projection.

**NEW BERLIN WASTEWATER UTILITY
2023 PROPOSED BUDGET**

18-Oct-22

	2020 ACTUAL	2021 ACTUAL	2022 BUDGET	2022 6 MONTHS	2022 est. EST. TOTAL	2023 BUDGET
OPERATING REVENUES	11,118,591	11,255,697	11,148,000	5,504,183	11,222,497	11,215,000
OPERATING EXPENSES:						
OPERATIONS & MAINTENANCE	9,226,696	9,243,251	9,812,976	7,389,042	9,672,604	9,854,800
DEPRECIATION	861,830	886,480	887,000	443,500	887,000	935,000
TOTAL OPERATING EXPENSE	10,088,526	10,129,731	10,699,976	7,832,542	10,559,604	10,789,800
NET OPERATING INCOME (LOSS)	1,030,065	1,125,966	448,024	(2,328,359)	662,893	425,200
NON-OPERATING EXPENSES						
MMSD PRIVATE PROPERTY I/I GRANT	42,177	-	-	4,421	-	-
NON-OPERATING REVENUES						
INTEREST INCOME	137,076	(6,189)	30,000	46,713	100,000	110,000
OTHER	-	5,701	-	-	-	-
GRANTS	-	77,130	-	-	-	-
TOTAL NON-OPERATING REVENUE	137,076	76,642	30,000	46,713	100,000	110,000
Net Income Before Capital Contributions	1,124,964	1,202,608	478,024	(2,286,067)	762,893	535,200
Capital Contributions	285,616	83,413	-	-	-	-
CHANGE in NET ASSETS	1,410,580	1,286,021	478,024	(2,286,067)	762,893	535,200
	<u>65,935,223</u>	<u>67,345,803</u>	<u>68,631,824</u>		<u>68,631,824</u>	<u>69,394,717</u>
NET ASSETS END of YEAR	<u><u>67,345,803</u></u>	<u><u>68,631,824</u></u>	<u><u>69,109,848</u></u>		<u><u>69,394,717</u></u>	<u><u>69,929,917</u></u>

NEW BERLIN WASTEWATER UTILITY
2023 PROPOSED BUDGET

800 - WASTEWATER - REVENUES		2020 ACTUAL	2021 ACTUAL	2022 BUDGET	2022 6 MONTHS	2022 est. TOTAL	2023 PROPOSED
OPERATING REVENUES:							
81000000	46000 UNMETERED - RESIDENTIAL	259,621	259,326	255,000	129,270	257,270	255,000
81000000	46001 UNMETERED - COMMERCIAL	24,971	23,867	25,000	12,311	24,911	25,000
81000000	46110 RESIDENTIAL	6,482,335	6,510,999	6,400,000	3,169,201	6,462,201	6,475,000
81000000	46120 COMMERCIAL	2,025,083	2,048,266	2,080,000	1,004,630	2,077,210	2,050,000
81000000	46130 INDUSTRIAL	447,690	468,134	440,000	221,912	449,327	450,000
81000000	46140 PUBLIC	60,737	75,953	65,000	34,926	76,075	75,000
81000000	46150 RESIDENTIAL-METRO	1,106,653	1,109,976	1,105,000	555,377	1,099,592	1,105,000
81000000	46160 COMMERCIAL-METRO	419,223	441,880	440,000	221,377	450,564	440,000
81000000	46170 INDUSTRIAL-METRO	236,559	223,440	225,000	111,907	225,287	225,000
81000000	46180 PUBLIC-METRO	11,065	14,079	12,000	6,421	14,160	14,000
81000000	46200 FORFEITED DISCOUNTS	37,692	79,415	100,000	26,104	75,000	100,000
81000000	46301 MISC OPERATING REVENUES	6,962	362	1,000	10,747	10,900	1,000
SUBTOTAL-OPERATING REVENUES		11,118,591	11,255,697	11,148,000	5,504,183	11,222,497	11,215,000
NONOPERATING REVENUES:							
81000000	41020 GRANTS - LOCAL	-	74,478	-	-	-	-
81000000	46061 INSURANCE RECOVERY	-	5,701	-	-	-	-
81100000	47000 INTEREST INCOME	137,076	56,591	30,000	46,713	100,000	110,000
81100000	47001 UNREALIZED GAIN/LOSS ON INVESTMENT	-	(62,780)	-	-	-	-
81300000	41000 GRANTS-FEDERAL	-	2,652	-	-	-	-
81300000	41023 INTERGOVERNMENTAL AGREEMENT	285,616	-	-	-	-	-
81300000	42400 CAPITAL CONTRIBUTION	-	83,413	-	-	-	-
SUBTOTAL-NONOPERATING REVENUES		422,692	160,055	30,000	46,713	100,000	110,000
TOTAL REVENUES		11,541,283	11,415,752	11,178,000	5,550,896	11,322,497	11,325,000

NEW BERLIN WASTEWATER UTILITY
2023 PROPOSED BUDGET

800 - WASTEWATER - EXPENSES		2020 ACTUAL	2021 ACTUAL	2022 BUDGET	2022 6 MONTHS	2022 est. TOTAL	2023 PROPOSED
<u>OPERATING EXPENSES:</u>							
81001020	56150 DISPOSAL - LINNIE LAC	62,332	63,327	68,000	32,374	64,748	66,000
81001020	56150 DISPOSAL - MMSD	2,309,964	2,419,446	2,494,588	1,250,102	2,469,670	2,634,451
81001020	56160 MMSD CAPITAL CHARGES	5,461,920	5,570,431	5,563,006	5,525,040	5,525,040	5,403,800
81001021	56130 PUMPING POWER & FUEL	42,754	35,600	42,500	20,307	42,500	42,500
81001026	56140 CHEMICALS	908	536	2,000	-	500	2,000
81001028	50010 TRANSP EXP - LABOR	9,987	4,445	9,156	6,747	13,494	11,161
81001028	54020 TRANSP EXP - REPAIRS	11,933	11,018	13,000	3,104	8,000	12,000
81001028	54110 TRANSP EXP - SUPPLIES	527	260	2,000	122	1,200	2,000
81001028	54190 TRANSP EXP - GAS & OIL	15,019	23,885	18,000	9,629	22,000	19,000
81001028	56030 TRANSP EXP - INSURANCE	3,157	3,357	3,450	-	3,450	3,450
81001131	50010 COLLECT SYS - LABOR	198,659	146,658	170,134	86,420	172,840	207,080
81001131	52030 COLLECT SYS - MAINTENANCE/RELINING	163,289	48,812	350,000	26,757	363,000	300,000
81001131	52033 COLLECT SYS - FLOW MONITORING	56,981	59,785	58,000	5,778	58,000	58,000
81001131	54110 COLLECT SYS - SUPPLIES	1,582	27,188	35,000	9,615	35,000	30,000
81001132	50010 COLLECT SYS PUMP - LABOR	111,897	80,876	114,508	39,260	93,520	114,416
81001132	52030 COLLECT SYS PUMP - CONTRACTED	60,165	21,918	39,250	17,614	39,250	36,000
81001132	54110 COLLECT SYS PUMP - SUPPLIES	12,350	15,481	15,000	1,968	3,000	13,000
81001134	50010 MAINT GEN PLANT - LABOR	5,844	5,072	6,877	3,949	7,898	7,519
81001134	52030 MAINT GEN PLANT - CONTRACTED	4,731	8,758	9,000	3,835	5,000	29,750
81001134	54110 MAINT GEN PLANT - SUPPLIES	5,876	3,477	8,000	451	6,500	6,000
81001235	56170 MAINTENANCE OF METERS	187,088	211,916	190,000	95,000	190,000	215,000
81001240	52030 ACCT & COLL - CONTRACTED	20,625	20,625	27,500	10,313	27,500	33,500
81001240	54110 ACCT & COLL - SUPPLIES	12,468	13,499	15,000	6,665	15,000	15,000
81001350	50010 ADMIN & GENERAL LABOR	90,622	146,297	131,114	69,646	144,292	152,350
81001350	51030 HEALTH INSURANCE	117,270	115,454	145,613	63,256	126,512	147,082
81001350	51065 VISION DENTAL INSURANCE	3,074	2,668	3,065	1,439	2,878	3,402
81001350	51070 LIFE INSURANCE	877	707	903	430	860	1,034
81001351	54120 OFFICE SUPPLIES & EXPENSE	20,909	21,495	23,000	8,365	21,500	22,000

NEW BERLIN WASTEWATER UTILITY
2023 PROPOSED BUDGET

800 - WASTEWATER - CONT.		2020 ACTUAL	2021 ACTUAL	2022 BUDGET	2022 6 MONTHS	2022 est. TOTAL	2023 PROPOSED
81001352	56200 OUTSIDE SERVICES - ACCOUNTING	16,250	16,999	17,000	9,153	16,250	18,000
81001352	56210 OUTSIDE SERVICES - LEGAL	9,312	9,312	11,712	4,656	9,312	11,712
81001352	56220 OUTSIDE SERVICES - ENGINEERING	8,654	1,246	30,000	-	5,000	18,000
81001352	56250 OUTSIDE SERVICES - GIS	18,065	12,000	7,500	3,750	7,500	7,500
81001353	56020 WORKER'S COMP INSURANCE	13,200	19,523	14,000	7,000	14,000	15,000
81001353	56050 PROPERTY & LIABILITY INS	8,674	8,911	9,000	4,500	9,000	9,000
81001354	50080 VACATIONS	26,868	35,939	30,875	15,063	40,126	41,137
81001354	50090 SICK LEAVE	8,646	9,788	8,354	5,268	12,536	12,377
81001354	50100 HOLIDAYS	13,317	9,094	19,207	-	5,000	10,955
81001354	50110 OTHER LABOR	34,781	14,018	24,442	2,222	9,444	23,277
81001354	51010 RETIREMENT	34,625	(15,096)	33,385	15,159	30,318	39,957
81001354	51020 SOCIAL SECURITY/MEDICARE	34,568	31,382	39,543	16,473	32,946	44,951
81001354	51060 DISABILITY INSURANCE	632	589	674	309	618	722
81001354	52070 DRUG TESTING	-	130	-	325	-	500
81001355	50010 SAFETY/TRAINING LABOR	4,467	2,640	2,220	5,601	11,202	7,317
81001355	52030 SAFETY/TRAINING CONTRACTED	627	746	1,000	355	500	1,000
81001355	54110 SAFETY/TRAINING SUPPLIES	845	2,779	4,000	480	3,800	3,500
81001355	54112 REBATE PROGRAM	250	50	400	150	400	400
81001355	54300 CONFERENCE/SEMINAR/MEETING	107	211	2,000	393	1,500	2,000
81010000	58010 DEPRECIATION	861,830	886,480	887,000	443,500	887,000	935,000
	SUBTOTAL-OPERATING EXPENSES	10,088,526	10,129,731	10,699,976	7,832,542	10,559,604	10,789,800
	NONOPERATING EXPENSES:						
81001131	52050 COLLECT SYS - GRANT PROJECTS	42,177	-	-	4,421	-	-
	SUBTOTAL-NONOPERATING EXPENSES	42,177	-	-	4,421	-	-
	TOTAL EXPENSES	10,130,703	10,129,731	10,699,976	7,836,963	10,559,604	10,789,800
	Change in Net Assets	1,410,580	1,286,021	478,024	(2,286,067)	762,893	535,200

NEW BERLIN WASTEWATER UTILITY
2023 PROPOSED BUDGET

	2020 ACTUAL	2021 ACTUAL	2022 BUDGET	2022 6 MONTHS	2022 est. TOTAL	2023 PROPOSED
TRANSP EXP - LABOR	9,987	4,445	9,156	6,747	13,494	11,161
COLLECT SYS - LABOR	198,659	146,658	170,134	86,420	172,840	207,080
COLLECT SYS PUMP - LABOR	111,897	80,876	114,508	39,260	93,520	114,416
MAINT GEN PLANT - LABOR	5,844	5,072	6,877	3,949	7,898	7,519
ACCT & COLL - LABOR	-	-	-	-	-	-
ADMIN & GENERAL LABOR	90,622	146,297	131,114	69,646	144,292	152,350
VACATIONS	26,868	35,939	30,875	15,063	40,126	41,137
SICK LEAVE	8,646	9,788	8,354	5,268	12,536	12,377
HOLIDAYS	13,317	9,094	19,207	-	5,000	10,955
OTHER LABOR	34,781	14,018	24,442	2,222	9,444	23,277
SAFETY/TRAINING LABOR	4,467	2,640	2,220	5,601	11,202	7,317
	505,088	454,826	516,887	234,176	510,352	587,589
Full-time	468,165	448,740	477,943	217,865	476,650	574,193
Part-time	1,176	952	1,000	471	1,050	1,000
Over-time	1,155	982	5,800	239	2,500	5,800
Vested Vacation & Sick Leave	(461)	(3,672)	-	-	-	-
Other Post Employment Benefits	25,212	(2,655)	-	-	-	-
City Charge	9,841	10,479	32,144	15,601	30,152	6,596
	505,088	454,826	516,887	234,176	510,352	587,589
	2020 BUDGET	2021 BUDGET	2022 BUDGET	2023 PROPOSED		
Positions	0.50	0.50	0.50	0.50		
Manager	0.50	0.50	0.50	0.50		
Supervisor	0.00	0.00	1.00	1.00		
Lead Operator	0.35	0.50	0.50	0.50		
Control System Tech/Operator	3.30	3.30	2.30	4.70		
Operator	1.80	1.80	1.80	0.00		
Operator-in-training	0.00	0.00	0.00	0.50		
Finance Coordinator	0.50	0.50	0.50	0.50		
Accounting Coordinator	0.50	0.50	0.50	0.50		
Office Coordinator	7.45	7.60	7.60	8.70		

Wastewater Budget 2023 Proposed

OPERATION EXPENSES

Disposal and Capital Charges

Account	Description	2022 Budget	2023 Budget	Difference
81001020.56150	Disposal- Linnie Lac (Muskego Area)	68,000	66,000	(2,000)
81001020.56150	Disposal- MMSD Quaterly treatment user charges	2,494,588	2,634,451	139,863
81001020.56160	MMSD Capital charges	5,563,006	5,403,800	(159,206)
81001021.56130	Pumping- Power & fuel: Electric & fuel to run lift stations	42,500	42,500	-
81001026.56140	Chemicals: Lift station wet wells	2,000	2,000	-

Transportation Expenses

Account	Description	2022 Budget	2023 Budget	Difference
81001028.50010	Labor	9,156	11,161	2,005
81001028.54020	Contracted Services	13,000	12,000	(1,000)
81001028.54110	Supplies	2,000	2,000	-
81001028.54190	Gas, oil, tires, etc.	18,000	19,000	1,000
81001028.56030	Insurance	3,450	3,450	-

MAINTENANCE EXPENSES

Collection System

Sewer mains, laterals, manholes, force mains

Account	Description	2022 Budget	2023 Budget	Difference
81001131.50010	Labor	170,134	207,080	36,946
81001131.52030	Contracted Services - Maint., relining, manhole grouting	350,000	300,000	(50,000)
81001131.52033	Flow monitoring	58,000	58,000	-
81001131.54110	Supplies	35,000	30,000	(5,000)

Pumping System

Liftstations, Supervisory Control & SCADA, elevator inspections & auxiliary generator

Account	Description	2022 Budget	2023 Budget	Difference
81001132.50010	Labor	114,508	114,416	(92)
81001132.52030	Contracted Services	39,250	36,000	(3,250)
81001132.54110	Supplies	15,000	13,000	(2,000)

General Plant (non-lift station)

Shop & Utility storage building operation and shared expenses for office are at Well #7

Account	Description	2022 Budget	2023 Budget	Difference
81001134.50010	Labor	6,877	7,519	642
81001134.52030	Contracted Services	9,000	29,750	20,750
81001134.54110	Supplies	8,000	6,000	(2,000)

CUSTOMER ACCOUNTING & COLLECTION EXPENSES

Meter Expense

Account	Description	2022 Budget	2023 Budget	Difference
81001235.56170	Maintenance of meters: Sewer share (1/2) of Water Utility costs per PSC rules	190,000	215,000	25,000

Customer Accounting & Collecting

Account	Description	2022 Budget	2023 Budget	Difference
81001240.52030	Contracted Services	27,500	33,500	6,000
81001240.54110	Supplies	15,000	15,000	-

Wastewater Budget 2021 Proposed

ADMINISTRATIVE, EMPLOYEE BENEFITS & GENERAL EXPENSES

Administrative and Health Benefits

Account	Description	2022 Budget	2023 Budget	Difference
81001350.50010	Administrative & General- Labor	131,114	152,350	21,236
81001350.51030	Health Insurance	145,613	147,082	1,469
81001350.51065	Vision/Dental Insurance	3,065	3,402	337
81001350.51070	Life Insurance	903	1,034	131
81001351.54120	Office Supplies & Expenses	23,000	22,000	(1,000)

Outside Services

Account	Description	2022 Budget	2023 Budget	Difference
81001352.56200	Accounting: City Finance Dept charge & Audit Fees	17,000	18,000	1,000
81001352.56210	Legal: Percentage share (4%) of City Attorney base costs	11,712	11,712	-
81001352.56220	Engineering: City Engineering charges & technical services - Increase for Cross Connection Charge	30,000	18,000	(12,000)
81001352.56250	Other: GIS services	7,500	7,500	-

Employee Benefits

Account	Description	2022 Budget	2023 Budget	Difference
81001353.56020	Workman's Comp Insurance	14,000	15,000	1,000
81001354.50080	Vacation wages	30,875	41,137	10,262
81001354.50090	Sick leave wages & Workers Comp wages	8,354	12,377	4,023
81001354.50100	Holiday wages	19,207	10,955	(8,252)
81001354.50110	Other Labor	24,442	23,277	(1,165)
81001354.51010	Wisconsin Retirement System Payments	33,385	39,957	6,572
81001354.51020	Social Security	39,543	44,951	5,408
81001354.51060	Disability Insurance	674	722	48
81001354.52070	Drug Testing	-	500	500

Safety & Training

Account	Description	2022 Budget	2023 Budget	Difference
81001353.56050	Property & Liability Insurance	9,000	9,000	-
81001355.50010	Labor	2,220	7,317	5,097
81001355.52030	Contracted Services	1,000	1,000	-
81001355.54110	Supplies	4,000	3,500	(500)
81001355.54112	Rebate program	400	400	-
81001355.54300	Training and Workshops	2,000	2,000	-

Miscellaneous Expenses

Account	Description	2022 Budget	2023 Budget	Difference
81010000.58010	Depreciation	887,000	935,000	48,000

Non-Operating Expenses

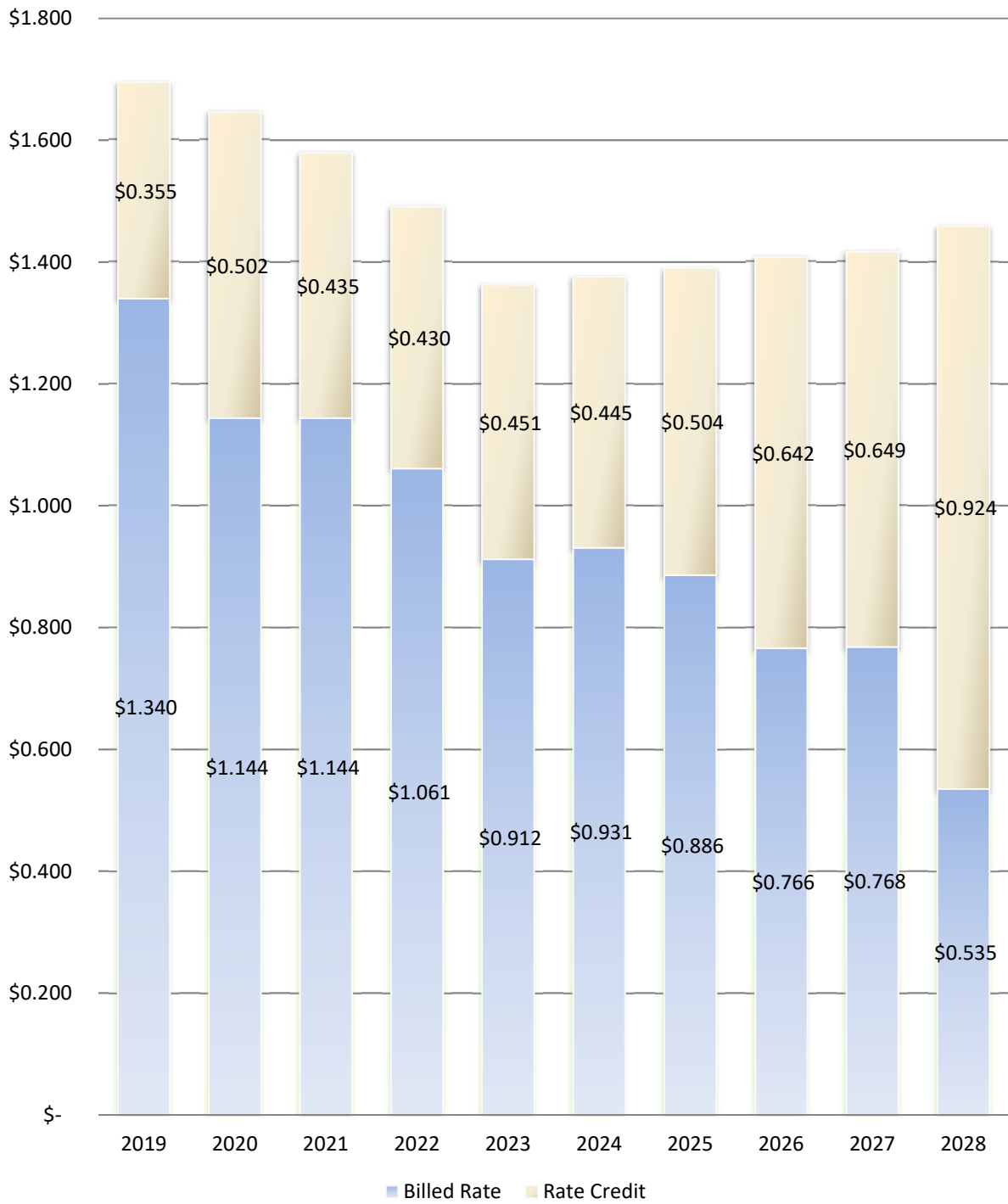
Account	Description	2022 Budget	2023 Budget	Difference
81001132.52050	Grant Projects	-	-	-

Total	10,699,976	10,789,800	89,824
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NEW BERLIN SEWER UTILITY
PRELIMINARY BUDGET ANALYSIS

					Percent of Total Expense	2021 to 2022				Average Annual Increase
	A	B	C	D		D-C	2020 to 2021	C-B	2022 to 2023	
	2020 ACTUAL	2021 ACTUAL	2022 est. ESTIMATED	2023 PROPOSED		\$ Difference	% Difference	% Difference	% Difference	
a) OPERATING REVENUES	11,118,591	11,255,697	11,222,497	11,215,000		(7,497)	1.2%	-0.3%	-0.1%	0.3%
LESS:										
b) MMSD Disposal	(2,309,964)	(2,419,446)	(2,469,670)	(2,634,451)	24.4%	164,781	4.7%	2.1%	6.7%	4.5%
c) MMSD Capital	(5,461,920)	(5,570,431)	(5,525,040)	(5,403,800)	50.1%	(121,240)	2.0%	-0.8%	-2.2%	-0.3%
d) Taxes	(34,568)	(31,382)	(32,946)	(44,951)	0.4%	12,005	-9.2%	5.0%	36.4%	10.7%
e) Depreciation	(861,830)	(886,480)	(887,000)	(935,000)	8.7%	48,000	2.9%	0.1%	5.4%	2.8%
Total non-controllable	(8,668,282)	(8,907,739)	(8,914,656)	(9,018,202)	83.6%	103,546	2.8%	0.1%	1.2%	1.3%
f) Controllable Contribution	2,450,309	2,347,958	2,307,841	2,196,798		(111,043)				
Partially controlled cost										
g) Collect system - contracted	(163,289)	(48,812)	(363,000)	(300,000)						
Flow Monitoring	(56,981)	(59,785)	(58,000)	(58,000)	3.3%	63,000	-50.7%	287.7%	-15.0%	74.0%
h) All other expenses	(1,242,151)	(1,113,395)	(1,223,948)	(1,413,598)	13.1%	189,650	-10.4%	9.9%	15.5%	5.0%
Operating Income (loss)	<u>987,888</u>	<u>1,125,966</u>	<u>662,893</u>	<u>425,200</u>		<u>(237,693)</u>				
i) Nonoperating revenue	<u>422,692</u>	<u>160,055</u>	<u>100,000</u>	<u>110,000</u>		<u>10,000</u>				
k) Change in Net Assets	<u>1,410,580</u>	<u>1,286,021</u>	<u>762,893</u>	<u>535,200</u>		<u>(227,693)</u>				

New Berlin Capital Rate per \$1,000 of Equalized Value from 2019 Through 2028



Billed

Budget

Estimated

MMSD Capital Charges to New Berlin

Year Paid	Capital Charges	City Population	Charge Per Capita
1999	1,988,321	36,946	53.82
2000	2,113,022	37,411	56.48
2001	2,275,705	38,461	59.17
2002	3,326,803	38,652	86.07
2003	2,875,740	38,920	73.89
2004	3,441,054	38,804	88.68
2005	4,965,539	38,896	127.66
2006	4,714,179	38,969	120.97
2007	4,655,796	39,260	118.59
2008	5,092,177	39,460	129.05
2009	4,965,148	39,500	125.70
2010	4,888,961	39,300	124.40
2011	5,499,951	39,584	138.94
2012	5,790,700	39,594	146.25
2013	5,797,957	39,770	145.79
2014	5,796,579	39,915	145.22
2015	6,306,515	40,130	157.15
2016	5,525,040	40,310	137.06
2017	6,263,289	40,027	156.48
2018	6,469,406	40,137	161.18
2019	6,161,909	40,287	152.95
2020	5,461,920	40,437	135.07
2021	5,570,431	40,587	137.25
2022	5,525,040	40,451	136.59
2023	5,403,800	40,601	133.10

Average annual increase is 4.7% per year

Note: Charge per capita includes the entire city, however the entire city is not included in the Sewer Utility.

NEW BERLIN SEWER UTILITY
2023 CAPITAL BUDGET

Priority	Description	Cost	Funding Source
1	Fiber Optic to Liftstations	1,500,000	Working Capital
2	Equipment Vehicle	115,000	Working Capital
3	Flow Monitors	8,000	Working Capital
4	Moorland Road Reconstruction	15,000	Working Capital
5	iPad / Computer Replacement	7,000	Working Capital
TOTAL		<u><u>1,645,000</u></u>	
Funding Sources:			
	Working Capital	1,645,000	
	Impact Fees	-	
		<u><u>1,645,000</u></u>	

**NEW BERLIN WASTEWATER UTILITY
TEN YEAR CAPITAL IMPROVEMENT PROGRAM
2023 - 2032**

Project	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	TOTAL

Fiber Optics	1,500,000										1,500,000
Moorland Road Adjustment	15,000	15,000	15,000	25,000							70,000
Flow Monitors	8,000			20,000							28,000
Security Upgrades			50,000								50,000
SCADA Upgrade			80,000					100,000			180,000
Vehicle Replacement: #218, #272					100,000						100,000
Vehicle Replacement: #241, #243											-
Vehicle Replacement: #235	115,000										115,000
Vehicle Replacement: #236, #294		150,000									150,000
Vehicle Replacement: #273						120,000					120,000
Vehicle Replacement: #222			160,000								160,000
Vehicle Replacement: #244							100,000				100,000
Vehicle Replacement: #224										40,000	40,000
Vehicle Replacement: #230, #272				110,000							110,000
PC Replacement	7,000	7,000	10,000	7,000	8,000	8,000	10,000	8,000	8,000	8,000	81,000
TOTAL	1,645,000	172,000	315,000	162,000	108,000	128,000	110,000	108,000	8,000	48,000	2,804,000

Note: Dependent on City CIP Projects

CITY OF NEW BERLIN
CAPITAL PROJECT SUMMARY - WASTEWATER

Project Title: **Fiber Optics**

Department Priority # 1

Item	2023	2024	2025	2026	2027
Land Acquisition					
Equipment					
Construction	1,500,000				
Engineering & Administration					
Total	1,500,000				

Project Scope and Description:

Replace the aging radio communications system with fiber optic communications. Fiber optics will allow the combining of the camera system and SCADA systems into one communications system. This will save the Utility about \$2,400.00 a year plus.

Location:

All Utility Lift Stations, nine in total.

Analysis of Need:

The current system is old with a number of data fails (no communication) occurring daily that requires an employee response to the alarm.

Alternatives:

Could replace with a cellular system that would cost more money.

Ongoing Operating Costs:

None

CITY OF NEW BERLIN
CAPITAL PROJECT SUMMARY - WASTEWATER

Project Title: **Tri-Axle/Tandem Dump Truck**

Department Priority # 2

Item	2023	2024	2025	2026	2027
Land Acquisition					
Equipment	115,000				
Construction					
Engineering & Administration					
Total	115,000				

Project Scope and Description:

Tri-Axle/Tandem Dump Truck

Location:

Citywide

Analysis of Need:

This vehicle will be used in all major excavations such as watermain breaks, hydrant excavations or manhole repairs.

Alternatives:

High Maintenance costs, dump box is in need of replacement, current vehicle is 20 years old and reliability will become an issue. This truck will be sold in auction to offset some of the purchase of the new vehicle.

Ongoing Operating Costs:

50% Wastewater

50% Water

CITY OF NEW BERLIN
CAPITAL PROJECT SUMMARY - WASTEWATER

Project Title: **Flow Monitors**

Department Priority # 3

Item	2023	2024	2025	2026	2027
Land Acquisition					
Equipment	8,000			20,000	
Construction					
Engineering & Administration					
Total	8,000			20,000	

Project Scope and Description:

Purchase 1 flow monitor

Location:

Citywide

Analysis of Need:

This monitor will replace an existing flow monitor that is outdated and will require updated software for continued reliable use.

Alternatives:

Higher operating cost and less dependable. Higher repair costs.

Ongoing Operating Costs:

100% Wastewater

CITY OF NEW BERLIN
CAPITAL PROJECT SUMMARY - WASTEWATER

Project Title: **Moorland Road Reconstruction Adjustment**

Department Priority # 4

Item	2023	2024	2025	2026	2027
Land Acquisition					
Equipment					
Construction	15,000	15,000	15,000	25,000	
Engineering & Administration					
Total	15,000	15,000	15,000	25,000	

Project Scope and Description:

Moorland Road Reconstruction

Location:

Moorland Road: Beloit Road to National Avenue

Analysis of Need:

Manhole vaults will need to be adjusted by the contractor to complete the road project for Waukesha County.

Alternatives:

None

Ongoing Operating Costs:

None

CITY OF NEW BERLIN
CAPITAL PROJECT SUMMARY - WASTEWATER

Project Title: **iPad Replacement/Computer Replacement**

Department Priority # 5

Item	2023	2024	2025	2026	2027
Land Acquisition					
Equipment	7,000	7,000	10,000	7,000	8,000
Construction					
Engineering & Administration					
Total	7,000	7,000	7,000	7,000	7,000

Project Scope and Description:

Computer Replacement

Location:

Citywide

Analysis of Need:

Per the City's IT department, personal computers and iPads are to be replaced on a four (4) year rotation.

Alternatives:

High maintenance cost for repairs.

Ongoing Operating Costs:

None