CITY OF NEW BERLIN
UTILITY COMMITTEE MEETING
Tuesday, October 25, 2022
4:45 PM
Zoom Meeting

The Council has satisfied the requirements as directed by the Common Council on June 22, 2021 and Ordinance No. 2651 to hold this meeting via electronic means. The full text of this ordinance and the minutes from the above mentioned meeting can be viewed at www.newberlin.org

Any comments that the public wishes to make may be communicated to the city via email at citizencomments@newberlin.org and will be forwarded to the Mayor and City Council. Interested parties may also participate by:

- Downloading the ZOOM app located at https://zoom.us/ and utilize this unique ID to join:853 8178 7127
- Following this direct link to the meeting: https://us02web.zoom.us/j/85381787127
- Find your local number: Dial by phone: (312) 626-6799 and use Meeting ID: 853 8178 7127

AGENDA

CALL MEETING TO ORDER

ROLL CALL; DECLARATION OF QUORUM; PUBLIC NOTICE

APPROVAL OF MINUTES

1. Approval of August 23, 2022 Utility Committee Minutes

COMMUNICATIONS

2. Milwaukee Water Works rate case communication.

NEW BUSINESS

3. UT 20-22 Requested Action Statement: To grant the Utility permission to petition the Public Service Commission (PSC) to pursue a rate case.

4. UT 21 -22 Discussion and possible approval on the proposed 2023 Water Utility Operating Budget.

5. UT 22 -22 Discussion and possible approval on the proposed 2023 Water Utility CIP Budget. Information included in the 2023 Water Utility Operating Budget.

6. UT 23-22 Discussion and possible approval on the proposed 2023 Wastewater Utility Operating Budget.

7. UT 24-22 Discussion and possible approval on the proposed 2023 Wastewater Utility CIP Budget. Information included in the 2023 Wastewater Utility Operating Budget.

UPDATES

8. Moorland Road Water Main Project

ADJOURN

PLEASE NOTE:

- ✓ It is possible that action will be taken on any of the items on the agenda and that the agenda may be discussed in any order. It is also possible that members of and possible a quorum of other governmental bodies of the municipality may be in attendance at the above-stated meeting to gather information; no action will be taken by any governmental body at the above-stated meeting other than the governmental body specifically referred to above in this notice.
- ✓ Also, upon reasonable notice, efforts will be made to accommodate the needs of disabled individuals through appropriate aids and services. For additional information or to request this service, contact City Clerk Rubina R Medina (262) 786-8610.

CITY OF NEW BERLIN
UTILITY COMMITTEE - MINUTES
Tuesday, August 23, 2022

Regular Meeting	Zoom Meeting	4:45 PM

Please note: Minutes are unofficial until approved by the Utility Committee at the next regularly scheduled meeting.

The Utility Committee has satisfied the requirements as directed by the Common Council on June 22, 2021 and Ordinance No. 2651 to hold this meeting via electronic means. The full text of this ordinance and the minutes from the above mentioned meeting can be viewed at www.newberlin.org

To participate in the meeting, view the meeting, and/or ask questions, the public was able to do so by downloading the ZOOM app located at https://zoom.us/ and utilize Meeting ID # 853 8178 7127 to join.

All votes were taken via a voice roll call vote.

CALL MEETING TO ORDER

Alderman Harenda called the meeting to order at 4:45PM

ROLL CALL; DECLARATION OF QUORUM; PUBLIC NOTICE

ITEM: **Present:** Alderpersons, Harenda, Garrigues and Commissioner Anderson

Excused: Commissioner Nissen

Also Present: City Attorney Mark Blum, Finance Director Ralph Chipman, Utility Manager Jim Hart, Utility and Deputy City Clerk Sherri Hanson

APPROVAL OF MINUTES

ITEM: Approval of June 28, 2022 Utility Committee Minutes

MOTION: Motion to approve the June 28, 2022 Meeting Minutes.

VOTE: Motion by: Alderman Garrigues
Second by: Commissioner Anderson
Motion Passed 4-0.

NEW BUSINESS

ITEM: UT 17-22 PPI/I Pipe Bursting Lateral Repair Project. Recommend to the Common Council to approve the Professional Services agreement for R.A. Smith, Inc., in the amount of $145,245.00 for construction engineering services, administration and inspection services and project close out needed to complete this repair project

MOTION: Motion to recommend to the Common Council to approve the Professional Services agreement for R.A. Smith, Inc., in the amount of $145,245.00 for construction engineering services, administration and inspection services and project close out needed to complete the PPI/I Pipe Bursting Lateral Repair Project.

VOTE: Motion by: Alderman Hopkins
Second by: Alderman Garrigues
Motion Passed 4-0

ITEM: UT 18-22 Approve a $666,666, ten (10) year sewer utility loan to the City, interest rate of 3%. Proceeds to fund the second installment of the Waukesha Water Intergovernmental Agreement.

MOTION: Motion to recommend to Common Council to approve a $666,666, ten (10) year sewer utility loan to the City, interest rate of 3%. Proceeds to fund the second installment of the Waukesha Water Intergovernmental Agreement.

VOTE: Motion by: Alderman Garrigues
Second by: Commissioner Anderson
Motion Passed 4-0.

ITEM: UT 19-22 Approve a $5.5 million, twenty (20) year loan to the Water utility, interest rate of 3%. Proceeds to fund the water main replacement project on Moorland Road.

MOTION: Motion to recommend to Common Council to Approve a $5.5 million, twenty (20) year loan to the Water utility, interest rate of 3%. Proceeds to fund the water main replacement project on Moorland Road.

VOTE: Motion by: Alderman Hopkins
Second by: Commissioner Anderson
Motion Passed 4-0.

UPDATES

ITEM: Moorland Road Water Rehabilitation Project Information Update

MOTION: Utility Manager Jim Hart said the Moorland Road Water Rehabilitation Project is in the final phase and expected to be completed by September 9, 2022.

ITEM: Utility Department Presentation

MOTION: Utility Manager Jim Hart briefly discussed the power point presentation attached that was to be presented to the Common Council the same evening.

ADJOURN

MOTION: Motion to Adjourn at 5:04PM by Alderman Hopkins, seconded by Commissioner Anderson.
Motion Passed 4-0.

Respectfully Submitted,
Sherri L Hanson
Deputy City Clerk

From: Tom Nennig <tnennig@browndeerwi.org>
Sent: Monday, September 12, 2022 12:26 PM
To: Mike Brofka <mbrofka@westalliswi.gov>; 'David Simpson' <dSimpson@wauwatosa.net>; Janecke, Matthew <MJanecke@menomonee-falls.org>; Leeann Butschlick <LBUTSCHLICK@VILLAGEOFSHOREWOOD.ORG>; Jim Voigt <JVoigt@ci.mequon.wi.us>; Hart, Jim <jhart@newberlin.org>; kthorpe@butlerwi.gov
Subject: MWW rate case

Hello all,
I know we are all in budget mode so I thought I would update you on the MWW rate case that was filed this spring so you can better project what the potential increase will mean to your budget. The official Cost of Service Study Model has not yet been released from PSC so this is our best guess as of today based on the following banter between PSC and MWW.

- MWW only requested a 2.5% ROR, but in following PSC's questions and comments it looks more like they will require a higher ROR – maybe 5% ish.
- PSC is requesting MWW to increase their revenue projections from retail sales
- PSC is also adjusting some of MWW's expenses.

Based the comments from PSC and MWW, our consultants are comfortable with estimating a $12-12.5 million revenue requirement from the wholesale group. This is very similar to the original revenue requirement project that Pat and Lawrie did in May when MWW filed their rate case. I attached the results of the original projection when Pat compared the test year of 2018 from the 2-step model to MWW's test year 2021 that included the requested 2.5% ROR.

For budgeting purposes I think you can use the revenue projections from Pat's analysis as it has a $12.5 million revenue requirement from the wholesale group. You will notice the fire protection charges from MWW have been eliminated, that benefits Shorewood, West Allis, and Mequon, and there is no longer a County Inst. revenue requirement since Wauwatosa has now absorbed them as a customer.

Once the official cost of service study has been completed and filed by PSC we will review and analyze the study to validate their calculations. In the meantime, this is the best information we can go by for budgeting purposes. Please let me know if you have any questions.

Thomas Nennig, P.E.
Superintendent
414.371.3082

VILLAGE OF BROWN DEER

Village of Brown Deer
4800 W Green Brook Drive
Brown Deer, WI 53223
Phone: 414-371-3051
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UT 20-22

Department of Finance
3805 South Casper Drive
P.O. Box 510921
New Berlin, Wisconsin 53151-5097

(262) 797-2448
Fax (262) 786-6121
www.newberlin.org

REQUESTED ACTION STATEMENT

October 7, 2022

TO: Utility Committee

FROM: Jim Hart, Utility Manager John Sughroue, Accounting Supervisor

ISSUE: Petitioning PSC for a Rate Case

REQUESTED:

To grant the Utility permission to petition the Public Service Commission (PSC) to pursue a rate case.

BACKGROUND:

In 2022 Milwaukee Water works has petitioned the PSC for a rate increase for their customers. From the latest information we have received from our wholesale group, it appears that the rate increase will be around 2%-3% and will take place by mid-year of 2023. We can no longer petition the PSC for a Purchased Water Adjustment to offset the Milwaukee Water increase. The Utility has also seen a significant increase in infrastructure supplies and other items such as pipe, hydrants, hydrant repair parts and valves.

The last time the Utility had performed a full rate case was in July of 2009. The Utility had been doing Purchased Water Adjustments when Milwaukee Water would perform rate cases. The last Purchased Water Adjustment was in January 2017.

There are a lot of information that is required to be submitted to the PSC for this rate case. The PSC has stated recently it has taken, on average, 6 – 9 months from the start to finish for a full rate case to be completed.

FISCAL IMPACT:

Increase in rates would impact every water customer. For every 1% increase in the rates would mean approximately $42,000 in revenue for the Utility. On an average home that uses 15,000 gallons in a quarter, every 1% in rates would add about $3.15 to their bill yearly.

City of New Berlin

city living with a touch of country

November 15, 2022

TO: Common Council
Mayor Ament
Alderman Ken Harenda

FROM: Utility Committee

RE: Items from the Utility Committee Meeting from October 25, 2022 requiring Common Council action.

UT 21-22 Recommend to the Common Council to approve the 2023 Water Utilty Operating Budget

This item was considered at the Utility Committee meeting on October 25, 2022. It was recommended to the Common Council on a vote of 4-0. I do hereby move that the Council approve the 2023 Water Utility Operating Budget

UT 22-22 Recommend to the Common Council to approve the Water Utility CIP Budget.

This item was considered at the Utility Committee meeting on October 25, 2022. It was recommended to the Common Council on a vote of 4-0. I do hereby move that the Council approve the 2023 Water Utility CIP Budget.

UT 23-22 Recommend to the Common Council to approve the 2023 Wastewater Utility Operating Budget

This item was considered at the Utility Committee meeting on October 25, 2022. It was recommended to the Common Council on a vote of 4-0. I do hereby move that the Council approve the 2023 Wastewater Utility Operating Budget.

UT 23-22 Recommend to the Common Council to approve the 2023 Wastewater Utility CIP Budget

This item was considered at the Utility Committee meeting on October 25, 2022. It was recommended to the Common Council on a vote of 4-0. I do hereby move that the Council approve the 2023 Wastewater Utility CIP Budget.

CITY OF NEW BERLIN

PROPOSED BUDGET

YEAR 2023

WATER UTILITY

TABLE OF CONTENTS

WATER BUDGET ASSUMPTIONS

Revenues: The last Milwaukee Water rate increase was in September of 2019, when their rates increased by 3%. Earlier in 2022 Milwaukee Water has petitioned for an increase of water rates for the future. According to the latest information from our wholesale group, it looks as if we should expect at least a 2 – 3% increase starting approximately mid-year. We no longer are able to petition the PSC for a Purchased Water Adjustment (PWAC), which allowed the Water Utility to automatically increase rates to cover the increased cost of purchased water. We will have to go to the PSC for a full rate case. We can petition the PSC for what we would want for a rate, but they ultimately will make the final decision for the increase. For budgeting purposes we have put in a 6% increase of rates for approximately half the year. The Utility is planning on a normal year for the number of gallons sold. Therefore, the sale of water revenues for 2023 we have budgeted about a 2.3 % increase when compared to the 2022 estimated revenues.

Due to the sudden increase in interest rates during 2022, the Utility has increased the interest income amount by approximately $15,000 or by 32% when compared to the 2022 estimated totals.

Expenses: Operating
Purchased Water: With Milwaukee Water petitioning the PSC for an increase in rates, the Utility has budgeted for an increase in Milwaukee Water's rates. Since we are expecting a normal amount of precipitation next summer we have budgeted for purchasing 942 million gallons for 2023, which was approximately 0.7% increase from the budget amount for 2022.

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 Water Utility has lost a 0.6 FTE of an Utility Operator in 2023, as that 0.6 FTE is now in the Sewer budget. 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 decreased salary expense by approximately $1,700 or 0.3% when compared to the 2022 estimated salary amount.

The PSC requires the Utility to distribute the labor to the different areas of the Utility. 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 increased slightly to 6.8% for 2023.

Hydrants – Contracted Services:
The Utility was not able to get the fall painting of hydrants completed during 2022. The Utility needed to add those hydrants to this next year's rotation. Plus, there was an increase in the cost of having the hydrants repainted. That is why you will see an increase in the Hydrants Contracted account.

Supplies Accounts: You will see increases in a couple of the supplies accounts. We have seen the prices of supplies increase over the last year or so. We have accounted for this in theses supplies accounts.

Taxes – Tax Equivalent: Tax Equivalent, or sometimes referred to as a "payment in lieu of tax", is a cost of providing utility service and is an expense that must be recorded as required by the PSC. The Utility has determined that this payment will increase by about $15,000 or 1.9% over the 2021 estimated expense total. This is a payment not required for the Wastewater Utility

Non Operating
Expenses: Amortization Exp – Milwaukee Water: The Utility paid $1,500,000 to have the right to purchase water from the City of Milwaukee in 2009. The Utility is amortizing $75,000 over the life of the contract which was 20 years. After 2023 there will be five years remaining to be amortized.

Expenses: Interest
General Obligation Debt: In 2021 the Utility refunding their outstanding General Obligation Debt to pay a lower interest rate over the same amount of remaining years. This saved the Utility approximately $61,000 over the remaining three years of the bond. The last year for payment on this bond will be 2024. The Utility has budgeted $32,750 of interest expense for these bonds.

Clean Water Fund Loan: In 2015 the Utility applied for Clean Water Fund Loans to pay for the water reliability project, in 2017 162nd Street Watermain Replacement project, and in 2018 Greenridge Watermain Placement project. We received the funding for the Reliability project in 2017, 162nd Street project in 2018, and Greenridge project in 2020. The Utility has budgeted $51,796 in interest expense from these three loans.

Advance from Wastewater: In 2022 the Water Utility borrowed $5,500,000 from the Wastewater to fund the Moorland Road Relining project. The amount of interest budgeted to pay to the Wastewater Utility is $167,476.

Capital funding: The total capital budget is $1,449,000. The major project for 2023 is upgrading all the pump house and other Water Utility building to Fiber Optics. This will help with communications to and all the buildings. (page 20). See page 17 for the 2023 capital funding budget and see page 18 for the 10 year capital funding projection.

18-Oct-22

NEW BERLIN WATER UTILITY
2023 PROPOSED BUDGET

	2020 ACTUAL	2021 ACTUAL	2022 BUDGET	2022 6 MONTHS	2022 EST. TOTAL	2023 BUDGET
OPERATING REVENUES	5,454,041	5,589,963	5,483,708	2,536,602	5,495,363	5,634,308
OPERATING EXPENSES						
OPERATIONS & MAINTENANCE	2,891,372	2,969,849	3,127,004	1,305,678	3,079,641	3,185,428
DEPRECIATION	1,381,889	1,420,957	1,352,800	650,000	1,375,000	1,455,000
TAX EQUIVALENT-TO CITY	766,337	718,481	785,000	322,917	785,000	740,000
TOTAL OPERATING EXPENSE	5,039,598	5,109,287	5,264,804	2,278,595	5,239,641	5,380,428
NET OPERATING INCOME (LOSS)	414,443	480,676	218,904	258,007	255,722	253,880
NON-OPERATING EXPENSES						
INTEREST ON DEBT	117,957	101,471	101,839	42,433	133,510	249,319
LITIGATION SETTLEMENT	-	-	-	-	-	-
LOSS ON DISPOSAL	-	-	-	-	-	-
AMORTIZATION	109,956	144,404	99,250	37,500	75,000	75,000
TOTAL NON-OPERATING EXPENSE	227,913	245,875	201,089	79,933	208,510	324,319
NON-OPERATING REVENUES						
AMORITZATION OF BOND PREMIUM	20,515	35,937	12,000	35,137	70,274	31,710
INTEREST INCOME	49,239	650	25,000	23,733	45,466	60,000
GRANTS	-	5,716	-	-	-	-
TOTAL NON-OPERATING REVENUE	69,754	42,303	37,000	58,870	115,740	91,710
Net Income Before Capital Contribution:	256,284	277,104	54,815	236,944	162,952	21,271
Capital Contributions	-	390,096	-	-	-	-
CHANGE in NET ASSETS	256,284	667,200	54,815	236,944	162,952	21,271
Net Assets - Beginning of Year	45,497,903	45,754,187	46,421,387		46,421,387	46,584,339
Net Assets - End of Year	45,754,187	46,421,387	46,476,202		46,584,339	46,605,610

CITY OF NEW BERLIN WATER UTILITY
2023 PROPOSED BUDGET

18-Oct-22

			2020 ACTUAL	2021 ACTUAL	2022 BUDGET	2022 6 MONTHS	2022 EST. TOTAL	2023 PROPOSED
		OPERATING REVENUES:						
91000000	46000	UNMETERED SALES	10,854	11,569	8,000	4,066	8,132	10,000
91000000	46110	METERED SALES - RESIDENTIAL	2,373,205	2,405,635	2,297,063	1,030,519	2,383,114	2,438,035
91000000	46120	METERED SALES - COMMERCIAL	794,914	822,477	856,309	386,413	821,422	844,225
91000000	46125	METERED SALES - MULTIFAMILY	565,187	559,953	571,771	271,046	561,559	566,328
91000000	46130	METERED SALES - INDUSTRIAL	307,901	334,527	301,558	160,813	315,588	327,532
91000000	46140	METERED SALES - PUBLIC	34,384	41,366	37,895	19,055	39,914	42,367
91000000	46181	PRIVATE FIRE PROTECTION	166,548	167,472	167,016	83,964	167,928	172,928
91000000	46182	PUBLIC FIRE PROTECTION	705,893	705,893	705,893	294,122	705,893	705,893
91000000	46200	FORFEITED DISCOUNTS	10,596	24,305	35,000	8,074	30,000	35,000
91000000	46300	STAND-BY SERVICE	10,208	9,880	11,000	5,000	10,500	11,000
91000000	46301	MISC. SERVICE REVENUES	10,199	12,292	5,000	1,813	5,313	10,000
91000000	46301	METER CHARGE TO SEWER	187,088	211,916	190,000	95,000	190,000	215,000
91100000	48010	RENTS (TOWER/BUILDINGS)	256,064	256,593	276,203	176,717	235,000	235,000
91000000	46011	ADMIN CHARGE TO STORMWATER	21,000	26,085	21,000	-	21,000	21,000
		SUBTOTAL-OPERATING REVENUES	5,454,041	5,589,963	5,483,708	2,536,602	5,495,363	5,634,308
		NONOPERATING REVENUES:						
91000000	41020	GRANTS - LOCAL	-	2,000	-	-	-	-
91300000	41000	GRANTS - FEDERAL	-	3,716	-	-	-	-
91100000	47000	INTEREST INCOME	49,239	19,163	25,000	23,733	45,466	60,000
91100000	47001	UNREALIZED GAIN/LOSS ON INVESTME	-	(18,513)	-	-	-	-
91000000	49502	AMORTIZATION OF BOND PREMIUM	20,515	35,937	12,000	35,137	70,274	31,710
91300000	42400	CAPITAL CONTRIBUTION	-	390,096	-	-	-	-
		SUBTOTAL-NONOPERATING REVENU	69,754	432,399	37,000	58,870	115,740	91,710
		TOTAL REVENUES	5,523,795	6,022,362	5,520,708	2,595,472	5,611,103	5,726,018

CITY OF NEW BERLIN WATER UTILITY
2023 PROPOSED BUDGET

			2020 ACTUAL	2021 ACTUAL	2022 BUDGET	2022 6 MONTHS	2022 EST. TOTAL	2023 PROPOSED
		OPERATING EXPENSES:						
91000602	53021	PURCHASED WATER	1,499,364	1,516,891	1,486,000	571,551	1,499,293	1,530,700
91000623	56130	POWER PURCHASED	106,066	116,959	130,000	53,507	137,014	135,000
91000624	50010	OPERATIONS - LABOR	61,129	41,542	67,197	19,454	38,908	55,287
91000624	52030	OPERATIONS - CONTRACTED	25,404	9,765	31,250	11,188	20,000	25,000
91000624	54110	OPERATIONS - SUPPLIES	378	370	1,000	460	600	1,500
91000631	50010	STRUC & IMPROV PUMPHSE LABOR	21,363	20,701	23,003	8,869	17,738	21,928
91000631	52030	STRUC & IMPROV PUMPHSE CONTRAC	1,013	14,319	15,000	507	11,800	16,000
91000631	54110	STRUC & IMPROV PUMPHSE SUPPLIES	1,356	992	2,000	128	1,000	1,000
91000633	50010	PUMPING PLANT - LABOR	11,718	9,098	12,447	3,816	7,632	10,830
91000633	52030	PUMPING PLANT - CONTRACTED	16,236	6,860	15,000	788	4,000	12,500
91000633	54110	PUMPING PLANT - SUPPLIES	55	2,981	2,000	149	1,000	2,000
91001642	50010	WATER SAMPLES - LABOR	15,511	8,704	14,012	4,785	9,570	12,657
91001642	52030	WATER SAMPLES - TESTING	12,350	10,104	15,000	4,484	11,000	15,000
91001642	54110	WATER SAMPLES - SUPPLIES	148	318	150	-	150	150
91004651	50010	STRUC & IMPROV - LABOR	26,732	14,428	33,933	8,912	17,824	24,606
91004651	52030	STRUC & IMPROV - CONTRACTED	3,154	5,323	6,000	2,605	7,000	5,000
91004651	54110	STRUC & IMPROV - SUPPLIES	4,489	2,434	3,500	400	2,500	3,500
91001652	50010	WATER TREATMENT - LABOR	-	-	98	-	-	-
91001652	52030	CONTRACTED SERVICES	200	-	-	-	-	-
91001652	54110	WATER TREATMENT - SUPPLIES	-	224	400	-	-	400
91002663	50010	METER REPLACEMENT - LABOR	24,202	53,276	39,014	41,640	83,280	52,902
91002663	52030	METER REPLACEMENT - CONTRACTED	-	-	1,200	-	-	1,200
91002663	54110	METER REPLACEMENT - SUPPLIES	1,259	1,389	4,800	4,239	4,800	4,800
91002664	50010	CUST INSTALL - LABOR	2,558	1,497	5,833	5,785	11,570	5,682
91002664	52030	CUST INSTALL - CONTRACTED	-	-	200	-	-	200
91002664	54110	CUST INSTALL - SUPPLIES	-	1,238	2,500	-	1,200	2,500
91002672	50010	DIST RESERVOIRS - LABOR	1,731	1,769	2,643	15,011	30,022	9,577
91002672	52030	DIST RESERVOIRS - CONTRACTED	4,862	19,860	25,000	30,980	30,980	23,000
91002672	54110	DIST RESERVOIRS - SUPPLIES	1,016	936	2,500	694	2,500	1,500
91002673	50010	TRANS & DIST - LABOR	113,340	103,333	109,282	40,023	80,046	107,516
91002673	52030	TRANS & DIST - CONTRACTED	10,968	46,182	35,000	-	35,000	35,000
91002673	54110	TRANS & DIST - SUPPLIES	10,569	42,381	35,000	9,568	35,000	40,000
91002674	50010	FIRE MAINS - LABOR	347	299	570	134	268	393
91002675	50010	SERVICES - LABOR	61,161	38,998	58,998	25,067	50,134	55,423
91002675	52030	SERVICES - CONTRACTED	2,856	-	5,000	-	-	7,500
91002675	54110	SERVICES - SUPPLIES	7,394	10,493	12,000	6,175	12,000	12,000

CITY OF NEW BERLIN WATER UTILITY
2023 PROPOSED BUDGET

	2020 ACTUAL	2021 ACTUAL	2022 BUDGET	2022 6 MONTHS	2022 EST. TOTAL	2023 PROPOSED
91002676 50010 METER TESTING - LABOR	9,045	14,384	15,287	11,646	23,292	16,421
91002676 52030 METER TESTING - CONTRACTED	4,896	6,336	7,200	7,776	7,776	7,400
91002676 54110 METER TESTING - SUPPLIES	94	514	1,200	-	600	1,200
91002677 50010 HYDRANTS - LABOR	22,818	50,978	48,740	31,233	62,466	48,991
91002677 52030 HYDRANTS - CONTRACTED	22,220	14,960	15,000	-	9,000	24,300
91002677 54110 HYDRANTS - SUPPLIES	12,645	19,942	18,000	9,502	18,000	18,000
91003902 50010 METER READING - LABOR	12,071	8,818	13,947	5,504	11,008	12,140
91003902 52030 METER READING - CONTRACTED	7,010	2,590	2,000	-	-	6,500
91003902 54110 METER READING - SUPPLIES	-	-	100	-	-	100
91003903 50010 ACCT & COLLECT - LABOR	-	-	-	-	-	-
91003903 52030 ACCT & COLLECT - CONTRACTED	20,625	20,625	27,500	10,313	27,500	27,500
91003903 54110 ACCT & COLLECT - SUPPLIES	10,972	11,951	12,500	5,865	12,500	11,000
91003904 56190 UNCOLLECTIBLE ACCOUNTS	8,194	-	-	-	-	-
91004920 50010 ADMIN & GENERAL - LABOR	91,907	141,254	117,929	69,714	139,428	129,921
91004920 51030 HEALTH INSURANCE	148,158	178,614	203,593	92,851	185,702	198,664
91004920 51065 VISION DENTAL INSURANCE	3,429	3,270	3,676	1,691	3,382	3,624
91004920 51070 LIFE INSURANCE	1,079	1,021	1,218	621	1,242	1,238
91004921 54110 CONSERVATION - SUPPLIES	-	-	100	64	100	100
91004921 54112 CONSERVATION - TOILET REBATE PRC	250	50	400	150	400	300
91004921 54120 OFFICE SUPPLIES & EXPENSE	24,763	26,077	27,500	13,809	25,000	27,500
91004923 56200 OUTSIDE SERVICE-ACCOUNTING	16,250	20,497	16,500	9,656	16,500	16,500
91004923 56210 OUTSIDE SERVICE-LEGAL	9,312	9,312	11,712	4,656	9,312	11,712
91004923 56220 OUTSIDE SERVICE-ENGINEERING	48,469	19,263	25,000	-	10,000	15,000
91004923 56250 OUTSIDE SERVICE-CROSS CONNECT	28,908	40,908	19,500	13,386	28,000	28,908
91004923 56250 OUTSIDE SERVICE-OTHER	17,500	-	7,500	3,750	7,500	7,500
91004924 56050 PROPERTY INSURANCE	24,117	17,593	18,000	9,000	18,000	16,000
91004925 50010 SAFETY/TRAINING - LABOR	11,641	4,956	6,653	5,803	11,606	9,230
91004925 52030 TRAINING SERVICES	-	-	200	-	-	-
91004925 54110 SAFETY/TRAINING - SUPPLIES	711	2,385	3,200	480	3,200	2,500
91004925 54300 CONFERENCE/SEMINAR/MEETING	213	2,060	3,500	2,499	2,600	3,200
91004926 50080 VACATION	47,612	58,457	49,598	26,777	58,554	56,729
91004926 50090 SICK LEAVE	13,852	39,478	17,792	21,518	43,036	30,231
91004926 50100 HOLIDAYS	21,513	13,335	21,581	-	5,000	16,267
91004926 50110 OTHER LABOR	32,924	16,133	24,037	-	-	19,356
91004926 51010 RETIREMENT	42,072	(17,229)	44,927	22,602	45,204	47,888
91004926 51060 LONG TERM DISABILITY	794	845	868	443	886	858
91004926 52070 DRUG TESTING	-	355	500	325	500	500
91004927 56020 WORKMAN'S COMP.	22,595	27,597	22,000	11,000	21,000	16,000

CITY OF NEW BERLIN WATER UTILITY
2023 PROPOSED BUDGET

	2020 ACTUAL	2021 ACTUAL	2022 BUDGET	2022 6 MONTHS	2022 EST. TOTAL	2023 PROPOSED
91004932 52030 GENERAL PLANT - CONTRACTED	1,165	1,385	2,000	3,064	3,064	2,500
91004932 54110 GENERAL PLANT - SUPPLIES	3,179	4,756	8,000	1,023	6,000	6,000
91004933 50010 TRANSP EXP - LABOR	9,140	6,305	10,678	2,283	4,566	8,127
91004933 54020 TRANSP EXP - CONTRACTED	11,330	13,167	13,000	1,363	10,000	14,000
91004933 54110 TRANSP EXP - SUPPLIES	185	470	1,000	305	1,000	1,000
91004933 54190 TRANSP EXP - GAS,OIL,TIRES	28,017	28,185	24,000	9,543	25,000	25,000
91004933 56030 TRANSP EXP - INSURANCE	2,630	3,280	2,600	-	2,600	3,200
91010000 58010 DEPRECIATION	1,273,494	1,303,586	1,300,000	650,000	1,325,000	1,340,000
91010000 58030 DEPRECIATION - TRANSPORTATION	108,395	117,371	52,800	-	50,000	115,000
91020049 56240 REGULATORY COMMISSION EXP.	5,479	6,223	6,200	-	6,200	6,200
91024926 51020 TAXES-FICA & MEDICARE	42,659	45,085	53,038	24,544	49,088	53,872
91250060 56230 TAXES-TAX EQUIVALENT	766,337	718,481	785,000	322,917	785,000	740,000
SUBTOTAL-OPERATING EXPENSES	5,039,598	5,109,287	5,264,804	2,278,595	5,239,641	5,380,428
NONOPERATING EXPENSES:						
91130050 57010 INTEREST ON LONG-TERM DEBT	62,825	47,559	50,043	20,851	41,702	32,750
91130050 57010 INTEREST ON ADVANCE FROM SEWEF	-	-	-	-	40,012	167,476
91130050 57010 INTEREST ON CLEAN WATER FUND LO	55,132	53,912	51,796	21,582	51,796	49,093
91140050 58040 AMORTIZATION OF REFUNDING LOSS	34,956	69,404	24,250	-	-	-
91140050 58041 AMORTIZATION OF MILWAUKEE WATEI	75,000	75,000	75,000	37,500	75,000	75,000
SUBTOTAL-NONOPERATING EXPENS	227,913	245,875	201,089	79,933	208,510	324,319
TOTAL EXPENSES	5,267,511	5,355,162	5,465,893	2,358,528	5,448,151	5,704,747
CHANGE IN NET ASSETS	256,284	667,200	54,815	236,944	162,952	21,271

CITY OF NEW BERLIN WATER UTILITY
2023 PROPOSED BUDGET

DESCRIPTION	2020 ACTUAL	2021 ACTUAL	2022 BUDGET	2022 6 MONTHS	2022 EST. TOTAL	2023 PROPOSED
OPERATIONS - LABOR	61,129	41,542	67,197	19,454	38,908	55,287
STRUC & IMPROV PUMPHSE LABOR	21,363	20,701	23,003	8,869	17,738	21,928
PUMPING PLANT - LABOR	11,718	9,098	12,447	3,816	7,632	10,830
WATER SAMPLES - LABOR	15,511	8,704	14,012	4,785	9,570	12,657
STRUC & IMPROV - LABOR	26,732	14,428	33,933	8,912	17,824	24,606
WATER TREATMENT - LABOR	-	-	98	-	-	-
METER REPLACEMENT - LABOR	24,202	53,276	39,014	41,640	83,280	52,902
CUST INSTALL - LABOR	2,558	1,497	5,833	5,785	11,570	5,682
DIST RESERVOIRS - LABOR	1,731	1,769	2,643	15,011	30,022	9,577
TRANS & DIST - LABOR	113,340	103,333	109,282	40,023	80,046	107,516
FIRE MAINS - LABOR	347	299	570	134	268	393
SERVICES - LABOR	61,161	38,998	58,998	25,067	50,134	55,423
METER TESTING - LABOR	9,045	14,384	15,287	11,646	23,292	16,421
HYDRANTS - LABOR	22,818	50,978	48,740	31,233	62,466	48,991
METER READING - LABOR	12,071	8,818	13,947	5,504	11,008	12,140
ACCT & COLLECT - LABOR	-	-	-	-	-	-
ADMIN & GENERAL - LABOR	91,907	141,254	117,929	69,714	139,428	129,921
SAFETY/TRAINING - LABOR	11,641	4,956	6,653	5,803	11,606	9,230
VACATION	47,612	58,457	49,598	26,777	58,554	56,729
SICK LEAVE	13,852	39,478	17,792	21,518	43,036	30,231
HOLIDAYS	21,513	13,335	21,581	-	5,000	16,267
OTHER LABOR	32,924	16,133	24,037	-	-	19,356
TRANSP EXP - LABOR	9,140	6,305	10,678	2,283	4,566	8,127
	612,315	647,743	693,272	347,974	705,948	704,214
Full-time	579,448	637,503	652,445	288,751	673,747	693,318
Part-time	1,175	872	2,184	471	971	1,000
Over-time	1,685	849	8,000	850	3,000	5,800
Vested Vacation & Sick Leave	(4,993)	11,796	-	-	-	-
City Charge	8,666	9,248	33,143	16,101	31,230	6,596
Other Post Employment Benefits	32,416	(11,978)	-	-	-	-
Meters - Capital	(6,082)	(547)	(2,500)	(337)	(3,000)	(2,500)
	612,315	647,743	693,272	305,835	705,948	704,214

CITY OF NEW BERLIN WATER UTILITY
2023 PROPOSED BUDGET

	2020 BUDGET	2021 BUDGET	2022 BUDGET	2023 BUDGET
Manager	0.50	0.50	0.50	0.50
Supervisor	0.50	0.50	0.50	0.50
Lead Operator	1.00	1.00	2.00	2.00
Control System Tech/Operator	0.65	0.50	0.50	0.50
Operator	5.70	5.70	4.70	5.30
Operator-in-training	1.20	1.20	1.20	0.00
Finance Coordinator	0.00	0.00	0.00	0.50
Accounting Coordinator	0.50	0.50	0.50	0.50
Office Coordinator	0.50	0.50	0.50	0.50
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	10.55	10.40	10.40	10.30

Water Budget 2023 Proposed

OPERATION EXPENSES

PURCHASED WATER

Account	Description	2022 Budget	2023 Budget	Difference
91000602.53021	Purchased Water- City of Milwaukee	1,486,000	1,530,700	44,700

SUPPLY AND PUMPING EXPENSES

Account	Description	2022 Budget	2023 Budget	Difference
91000623.56130	Electricity purchased for pumphouse, UT building, towers, ect. - 1.5% rate increase per WE Energies	130,000	135,000	5,000

PUMPING LABOR & EXPENSES

These accounts include cost of labor, materials used and expenses incurred in operating (SCADA) pumps and auxiliary equip. Operating pumps, turbines, engines, condensers, circulating water systems; operating lubrications and oil control systems; Operating valves to a point where water enters the water treatment or transmission and distribution system; Testing, checking and adjusting meters, gauges and other instruments in the pumping plant; Cleaning pumping equip.

Account	Description	2022 Budget	2023 Budget	Difference
91000624.50010	Labor	67,197	55,287	(11,910)
91000624.52030	Contracted Services	31,250	25,000	(6,250)
91000624.54110	Supplies	1,000	1,500	500

MAINTENANCE OF STRUCTURE & IMPROVEMENTS

These accounts include labor, materials used and expenses incurred in the maintenance of structures and improvements in connection with pumping- Pumphouses building & grounds

Account	Description	2022 Budget	2023 Budget	Difference
91000631.50010	Labor	23,003	21,928	(1,075)
91000631.52030	Contracted Services	15,000	16,000	1,000
91000631.54110	Supplies	2,000	1,000	(1,000)

MAINTENANCE OF PUMPING EQUIPMENT

Cost of labor, materials and contracted expenses incurred in the maintenance of pumping equipment and related to the pumping function

Account	Description	2022 Budget	2023 Budget	Difference
91000633.50010	Labor	12,447	10,830	(1,617)
91000633.52030	Contracted Services	15,000	12,500	(2,500)
91000633.54110	Supplies	2,000	2,000	-

WATER TREATMENT EXPENSES

Account	Description	2022 Budget	2023 Budget	Difference
91001641.56140	Chemicals - Chlorine & Phosphate	-	-	-

Water Budget 2023 Proposed

WATER SAMPLES

These accounts include cost of labor, material used, and expenses incurred for water treatment plant. Laboratory expenses, testing & analyzing; applying chemicals; regulatory testing

Account	Description	2022 Budget	2023 Budget	Difference
91001642.50010	Labor	14,012	12,657	(1,355)
91001642.52030	Contracted Services	15,000	15,000	-
91001642.54110	Supplies	150	150	-

MAINTENANCE OF STRUCTURES & IMPROVEMENTS

(Non Pumphouse) shop, utility storage, including shared expenses for office building

Account	Description	2022 Budget	2023 Budget	Difference
91004651.50010	Labor	33,933	24,606	(9,327)
91004651.52030	Contracted Services	6,000	5,000	(1,000)
91004651.54110	Supplies	3,500	3,500	-

MAINTENANCE OF WATER TREATMENT EQUIP/SYSTEMS CHEMICAL FEED

Account	Description	2022 Budget	2023 Budget	Difference
91001652.50010	Labor	98	-	(98)
91001652.52030	Contracted Services	-	-	-
91001652.54110	Supplies	400	400	-

TRANSMISSION & DISTRIBUTION EXPENSES

METER REPLACEMENT

Meter installs, removing, resetting, disconnecting & reconnecting existing meters, turning off/on services, on site meter testing, inspecting and adjusting meter testing equipment, meter seals, supplies, etc. (New meters are charged to Acct # 90-173460)

Account	Description	2022 Budget	2023 Budget	Difference
91002663.50010	Labor	39,014	52,902	13,888
91002663.52030	Contracted Services	1,200	1,200	-
91002663.54110	Supplies	4,800	4,800	-

CUSTOMER INSTALLATION

Investigating customer service complaints; repairing customer plbg & fixtures, testing services installed by customer, changing house piping for the convenience of the utility & cross connection control

Account	Description	2022 Budget	2023 Budget	Difference
91002664.50010	Labor	5,833	5,682	(151)
91002664.52030	Contracted Services	200	200	-
91002664.54110	Supplies	2,500	2,500	-

DISTRIBUTION RESERVOIRS & STANDPIPES

These accounts include the costs of labor materials used and expenses incurred in maintenance of reservoirs, water towers, tanks, standpipes & related facilities

Account	Description	2022 Budget	2023 Budget	Difference
91002672.50010	Labor	2,643	9,577	6,934
91002672.52030	Contracted Services	25,000	23,000	(2,000)
91002672.54110	Supplies	2,500	1,500	(1,000)

Water Budget 2023 Proposed

MAINTENANCE OF TRANSMISSION & DISTRIBUTION MAINS

All valves, mains, locate requests, barricades, supplies, equipment, safety equipment used for water main breaks, water main trailer, lead & copper testing, share of hydrant flushing labor & fire mains, etc.

Account	Description	2022 Budget	2023 Budget	Difference
91002673.50010	Labor	109,282	107,516	(1,766)
91002673.52030	Contracted Services	35,000	35,000	-
91002673.54110	Supplies	35,000	40,000	5,000
91002674.50010	Labor - Fire Mains	570	393	(177)

MAINTENANCE OF SERVICES

(non -fire service lines) stop box parts, maintenance & repairs, service line locates

Account	Description	2022 Budget	2023 Budget	Difference
91002675.50010	Labor	58,998	55,423	(3,575)
91002675.52030	Contracted Services	5,000	7,500	2,500
91002675.54110	Supplies	12,000	12,000	-

METER TESTING

These accounts include the cost of labor, materials used & expenses incurred in maintenance of meters & meter testing equipment & ROM'S

Account	Description	2022 Budget	2023 Budget	Difference
91002676.50010	Labor	15,287	16,421	1,134
91002676.52030	Contracted Services	7,200	7,400	200
91002676.54110	Supplies	1,200	1,200	-

MAINTENANCE OF HYDRANTS

These accounts include the cost of labor, materials used & expenses incurred in the maintenance of fire hydrants & associated equipment, share of hydrant flushing costs.

Account	Description	2022 Budget	2023 Budget	Difference
91002677.50010	Labor	48,740	48,991	251
91002677.52030	Contracted Services	15,000	24,300	9,300
91002677.54110	Supplies	18,000	18,000	-

CUSTOMER ACCOUNTS EXPENSES

METER READING EXPENSES

This account shall include the cost of labor, materials used & expenses incurred when reading customer meters & determining consumption- hi-low reports & leak letters. This account also includes the software maintenance fee related to the Neptune meter reading software

Account	Description	2022 Budget	2023 Budget	Difference
91003902.50010	Labor	13,947	12,140	(1,807)
91003902.52030	Contracted Services	2,000	6,500	4,500
91003902.54110	Supplies	100	100	-

Water Budget 2023 Proposed

CUSTOMER RECORDS & COLLECTION EXPENSE

Billing & Accounting- collections, complaints. Posting receivables, postage

Account	Description	2022 Budget	2023 Budget	Difference
91003903.50010	Labor	-	-	-
91003903.52030	Contracted Services	27,500	27,500	-
91003903.54110	Supplies	12,500	11,000	(1,500)
91003904.56190	Uncollectible Accounts- bankruptcies & uncollectible accounts	-	-	-

ADMINISTRATIVE & GENERAL EXPENSES

ADMINISTRATIVE ITEMS & BENEFITS

Account	Description	2022 Budget	2023 Budget	Difference
91004920.50010	Administration & General- Labor	117,929	129,921	11,992
91004920.51030	Health Insurance - Increase in rates in 2023	203,593	198,664	(4,929)
91004920.51065	Vision/Dental Insurance	3,676	3,624	(52)
91004920.51070	Life Insurance	1,218	1,238	20
91004921.54110	Conservation Expenses	100	100	-
91004921.54112	Toilet Rebate Program	400	300	(100)
91004921.54120	Office Supplies & Expenses	27,500	27,500	-

OUTSIDE SERVICES

Expenses of accountants, auditors, appraisers, attorneys, engineering consultants, management consultants, etc.

Account	Description	2022 Budget	2023 Budget	Difference
91004923.56200	Accounting: City Treasurer's $5,000, independent audit $10,000	16,500	16,500	-
91004923.56210	Legal: Percentage share of City Attorney's base charges	11,712	11,712	-
91004923.56220	Engineering: City Engineering staff charges & technical services, etc.	25,000	15,000	(10,000)
91004923.56250	DNR required cross connection inspections	19,500	28,908	9,408
91004923.56250	Other: Service pump assessment, GIS & create a long range maintenance/replacement schedule.	7,500	7,500	-
91004924.56050	Property Insurance	18,000	16,000	(2,000)

SAFETY & TRAINING

Injury & damage claims of employees or others, losses not covered by insurance. Labor & related supplies & expenses incurred in injuries; Costs of safety, accident prevention & similar educational activities.

Account	Description	2022 Budget	2023 Budget	Difference
91004925.50010	Labor	6,653	9,230	2,577
91004925.52030	Contracted Services	200	-	(200)
91004925.54110	Supplies	3,200	2,500	(700)
91004925.54300	Training/Workshops/Licenses - all operators	3,500	3,200	(300)

Water Budget 2023 Proposed

ADMINISTRATIVE ITEMS & BENEFITS

Account	Description	2022 Budget	2023 Budget	Difference
91004926.50080	Vacation wages	49,598	56,729	7,131
91004926.50090	Sick leave & Workers Comp wages	17,792	30,231	12,439
91004926.50100	Holiday wages	21,581	16,267	(5,314)
91004926.50110	Other Labor	24,037	19,356	(4,681)
91004926.51010	Wisconsin Retirement System payments	44,927	47,888	2,961
91004926.51060	Long Term Disability	868	858	(10)
91004926.51080	Unemployement Compensation	-	-	-
91004926.52070	Drug Testing	500	500	-
91004927.56020	Workers Comp Insurance	22,000	16,000	(6,000)

MAINTENANCE OF GENERAL PLANT

Miscellaneous costs to maintain property

Account	Description	2022 Budget	2023 Budget	Difference
91004932.52030	Contracted Services	2,000	2,500	500
91004932.54110	Supplies	8,000	6,000	(2,000)

TRANSPORTATION EXPENSE

All vehicles & equipment

Account	Description	2022 Budget	2023 Budget	Difference
91004933.50010	Labor	10,678	8,127	(2,551)
91004933.54020	Contracted Services	13,000	14,000	1,000
91004933.54110	Supplies	1,000	1,000	-
91004933.54190	Gas, oil, tires, etc.	24,000	25,000	1,000
91004933.56030	Insurance	2,600	3,200	600

EXPENSES RELATING TO PROPERTY/PLANT IN-SERVICE

DEPRECIATION EXPENSE

Accounts used for the deprecation of assets within the Utility

	Description	2022 Budget	2023 Budget	Difference
91010000.58010	Depreciation Expense	1,300,000	1,340,000	40,000
91010000.58030	Depreciation - Vehicles	52,800	115,000	62,200

TAXES

Includes Regulatory PSC assesment, Payroll Taxes and the amount pay to the City for Tax Equivalent

Account	Description	2022 Budget	2023 Budget	Difference
91020049.56240	Regulatory Commission Expense: PSC Assessment, DNR Water Permits & other regulatory fees, etc.	6,200	6,200	-
91024926.51020	Social Security taxes- FICA & Medicare	53,038	53,872	834
91250000.56230	Tax equivalent paid to City	785,000	740,000	(45,000)

Water Budget 2023 Proposed

NON-OPERATING

Expenses that occur outside of the Utility's day to day activities. These items include interest on debt payments and regulatory accouting items.

Account	Description	2022 Budget	2023 Budget	Difference
91130000.57010	Interest on long term debt	50,043	32,750	(17,293)
91130000.57010	Interest on advance	-	167,476	167,476
91130000.57010	Interest on Clean Water Fund Loan	51,796	49,093	(2,703)
91140000.58040	Amortization of Bond Discount	24,250	-	(24,250)
91140000.58041	Amortization of Milwaukee Water	75,000	75,000	-
	Total	**5,465,893**	**5,704,747**	**238,854**

NEW BERLIN WATER UTILITY
BUDGET ANALYSIS

		A	B	C	D		D-C	2020 to 2021 B-A	2021 to 2022 C-B	2022 to 2023 D-C	Average
		2020 ACTUAL	**2021 ACTUAL**	**2022 ESTIMATED**	**2023 PROPOSED**	**Percent of Total Expense**	**$ Difference**	**% Difference**	**% Difference**	**% Difference**	**Annual Increase**
1)	OPERATING REVENUES	5,454,041	5,589,963	5,495,363	5,634,308		138,945	2.5%	-1.7%	2.5%	1.1%
2)	Depreciation	(1,381,889)	(1,420,957)	(1,375,000)	(1,455,000)	25.5%	80,000	2.8%	-3.2%	5.8%	1.8%
3)	Tax equivalent	(766,337)	(718,481)	(785,000)	(740,000)	13.0%	(45,000)	-6.2%	9.3%	-5.7%	-0.9%
4)	Purchased Water	(1,499,364)	(1,516,891)	(1,499,293)	(1,530,700)	26.8%	31,407	1.2%	-1.2%	2.1%	0.7%
5)	All other operating expenses	(1,392,008)	(1,452,958)	(1,580,348)	(1,654,728)	29.0%	74,380	4.4%	8.8%	4.7%	6.0%
6)	TOTAL OPERATING EXPENSES	(5,039,598)	(5,109,287)	(5,239,641)	(5,380,428)		(140,787)	1.4%	2.6%	2.7%	2.2%
7)	Operating Income (Loss)	414,443	480,676	255,722	253,880		(1,842)				
8)	**Non operating Revenue	69,754	432,399	115,740	91,710		(24,030)	519.9%	-73.2%	-20.8%	142.0%
9)	Non operating Expense	(227,913)	(245,875)	(208,510)	(324,319)	5.7%	115,809	7.9%	-15.2%	55.5%	16.1%
	CHANGE IN NET ASSETS	256,284	667,200	162,952	21,271		(141,681)				

** Includes contributed interest revenue, capital including impact fees & developer contributed infrastructure.

NEW BERLIN WATER UTILITY
2023 CAPITAL BUDGET

Priority	Description	Cost	Funding Source
1	Meters	250,000	Working Capital
2	Fiber Optics	1,000,000	Working Capital
3	Tri-Axle/Tandem Dump Truck	115,000	Working Capital
4	Hydrant Saver	14,700	Working Capital
5	Moorland Rd Water Main Project	15,000	Working Capital
6	Valve Replacement Program	40,000	Working Capital
7	Hydrant Replacement Program	25,000	Working Capital
8	iPad Replacement / Computer Replacements	7,000	Working Capital
	TOTAL	$ 1,466,700	

Funding Sources:

Working Capital	1,466,700
Borrowed Capital	-
	$ 1,466,700

NEW BERLIN WATER UTILITY
TEN YEAR CAPITAL IMPROVEMENT PROGRAM
2023 - 2032

Project	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	TOTAL
											- - - - - - -
Meters	250,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	2,500,000
Fiber Optics	1,000,000										1,000,000
Hydrant Saver	14,700										14,700
Moorland Rd Water Main Project	15,000	15,000	15,000	50,000							95,000
Valve Replacement Program	40,000	40,000	40,000	42,000	42,000	45,000	45,000	45,000	45,000	45,000	429,000
Hydrant Replacement Program	25,000	25,000	25,000	25,000	25,000	28,000	28,000	30,000	30,000	30,000	271,000
Pumphouse Repairs		100,000		100,000							200,000
Calhoun Main Extension						12,000,000					12,000,000
Coachlight Relay										2,500,000	2,500,000
Green Ridge Main Replacement Program										2,500,000	2,500,000
SCADA Upgrade			80,000				100,000				180,000
Forest View Pump House		40,000									40,000
PLC UpGrade				148,000							148,000
Tower Rehab/Painting					1,800,000						1,800,000
Vehicle Replacement: #218, #232					150,000						150,000
Vehicle Replacement: #235	115,000										115,000
Vehicle Replacement: #236, #294		150,000									150,000
Vehicle Replacement: #222			160,000								160,000
Vehicle Replacement: #231						110,000					110,000
Vehicle Replacement: #230, #221				130,000							130,000
Vehicle Replacement: #224										40,000	40,000
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	1,466,700	627,000	580,000	752,000	2,275,000	12,441,000	433,000	333,000	333,000	5,373,000	24,613,700

Note: Dependent on City CIP Projects

CITY OF NEW BERLIN CAPITAL PROJECT SUMMARY - WATER	
Project Title: **Meters**	Department Priority #1

Item	2023	2024	2025	2026	2027
Land Acquisition					
Equipment	250,000	250,000	250,000	250,000	250,000
Construction					
Engineering & Administration					
Total	250,000	250,000	250,000	250,000	250,000

Project Scope and Description:
Purchase water meters per PSC, DNR requirements to replace meters. Increase in cost for meters due to policy for no lead. Being that the Utility stock is limited under the new DNR no lead requirements, meters will need to be purchased to accommodate the regulation and obtain updated stock.

Location:
Per PSC rules and regulations water meter change out schedules differ depending on the size of the meter 5/8", ¼", or 1" meters, which are used for residential and small businesses, shall be replaced every fifteen to twenty (15-20) years. Small commercial meters, 1-1/2" and 2", have to be replaced every four years. Large commercial meters, 3" or larger, have to be replaced every two (2) years.

Analysis of Need:
PSC and DNR requirements for annual maintenance program for water usage and billing. We are required to go to meters that do not contain lead.

Alternatives:
None

Ongoing Operating Costs:

CITY OF NEW BERLIN CAPITAL PROJECT SUMMARY - Water	
Project Title: **Fiber Optics**	Department Priority # 2

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

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 - Water

Project Title: **Tri-Axle/Tandem Dump Truck**	Department Priority # 3

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 - Water

Project Title: **Hydrant Saver**	Department Priority # 4

Item	2023	2024	2025	2026	2027
Land Acquisition					
Equipment	14,700				
Construction					
Engineering & Administration					
Total	14,700				

Project Scope and Description:
Hydrant Saver: After years of service, Hydrant valve seats are at times hard to remove/replace in order to complete a repair. This tool allows staff to potentially “break free” the valve seat to replace it instead of having to do an excavation and total replacement of the hydrant.

Location:
Citywide

Analysis of Need:
With the purchase of this tool, using it one to two times will pay for itself, if staff does not have to dig up and replace the hydrant with a new one.

Alternatives:
None

Ongoing Operating Costs:
None

CITY OF NEW BERLIN CAPITAL PROJECT SUMMARY - Water	
Project Title: **Moorland Road Reconstruction Adjustment**	Department Priority # 5

Item	2023	2024	2025	2026	2027
Land Acquisition					
Equipment					
Construction	15,000	15,000	15,000	50,000	
Engineering & Administration					
Total	15,000	15,000	15,000	50,000	

Project Scope and Description:
Moorland Road Reconstruction

Location:
Moorland Road: Beloit Road to National Avenue

Analysis of Need:
Valve boxes 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 - Water

Project Title: **Valve Replacement Program**	Department Priority # 6

Item	**2023**	**2024**	**2025**	**2026**	**2027**
Land Acquisition					
Equipment					
Construction	40,000	40,000	40,000	42,000	42,000
Engineering & Administration					
Total	40,000	40,000	40,000	42,000	42,000

Project Scope and Description:
Valve Replacement Program

Location:
Citywide

Analysis of Need:
As the water system gets older, the need to replace valves due to failure increases. This would mainly be used on larger sized mains.

Alternatives:
Larger area shut-offs for customers due to failures.
More customers affected.
Larger amount of lost water.

Ongoing Operating Costs:
None

CITY OF NEW BERLIN CAPITAL PROJECT SUMMARY - WATER	
Project Title: **Hydrant Replacement Program**	Department Priority # 7

Item	2023	2024	2025	2026	2027
Land Acquisition					
Equipment	25,000	25,000	25,000	25,000	25,000
Construction					
Engineering & Administration					
Total	25,000	25,000	250,00	25,000	25,000

Project Scope and Description:
Hydrant Replacement Program

Location:
City Wide

Analysis of Need:
As the water system gets older, the hydrants become old and obsolete and getting replacements parts become more difficult. Thus, the replacement of these hydrants is necessary.

Alternatives:
Less reliability for Fire Departments

Ongoing Operating Costs:
None

CITY OF NEW BERLIN
CAPITAL PROJECT SUMMARY - Water

Project Title: **iPad Replacement/Computer Replacement**	Department Priority # 8

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	10,000	7,000	8,000

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

CITY OF NEW BERLIN

PROPOSED BUDGET

YEAR 2023

WASTEWATER UTILITY

TABLE OF CONTENTS

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
	65,935,223	67,345,803	68,631,824		68,631,824	69,394,717
NET ASSETS END of YEAR	67,345,803	68,631,824	69,109,848		69,394,717	69,929,917

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
		OPERATING EXPENSES:						
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
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	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
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	505,088	454,826	516,887	234,176	510,352	587,589

Positions	2020 BUDGET	2021 BUDGET	2022 BUDGET	2023 PROPOSED
Manager	0.50	0.50	0.50	0.50
Supervisor	0.50	0.50	0.50	0.50
Lead Operator	0.00	0.00	1.00	1.00
Control System Tech/Operator	0.35	0.50	0.50	0.50
Operator	3.30	3.30	2.30	4.70
Operator-in-training	1.80	1.80	1.80	0.00
Finance Coordinator	0.00	0.00	0.00	0.50
Accounting Coordinator	0.50	0.50	0.50	0.50
Office Coordinator	0.50	0.50	0.50	0.50
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	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

Adminstrative 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

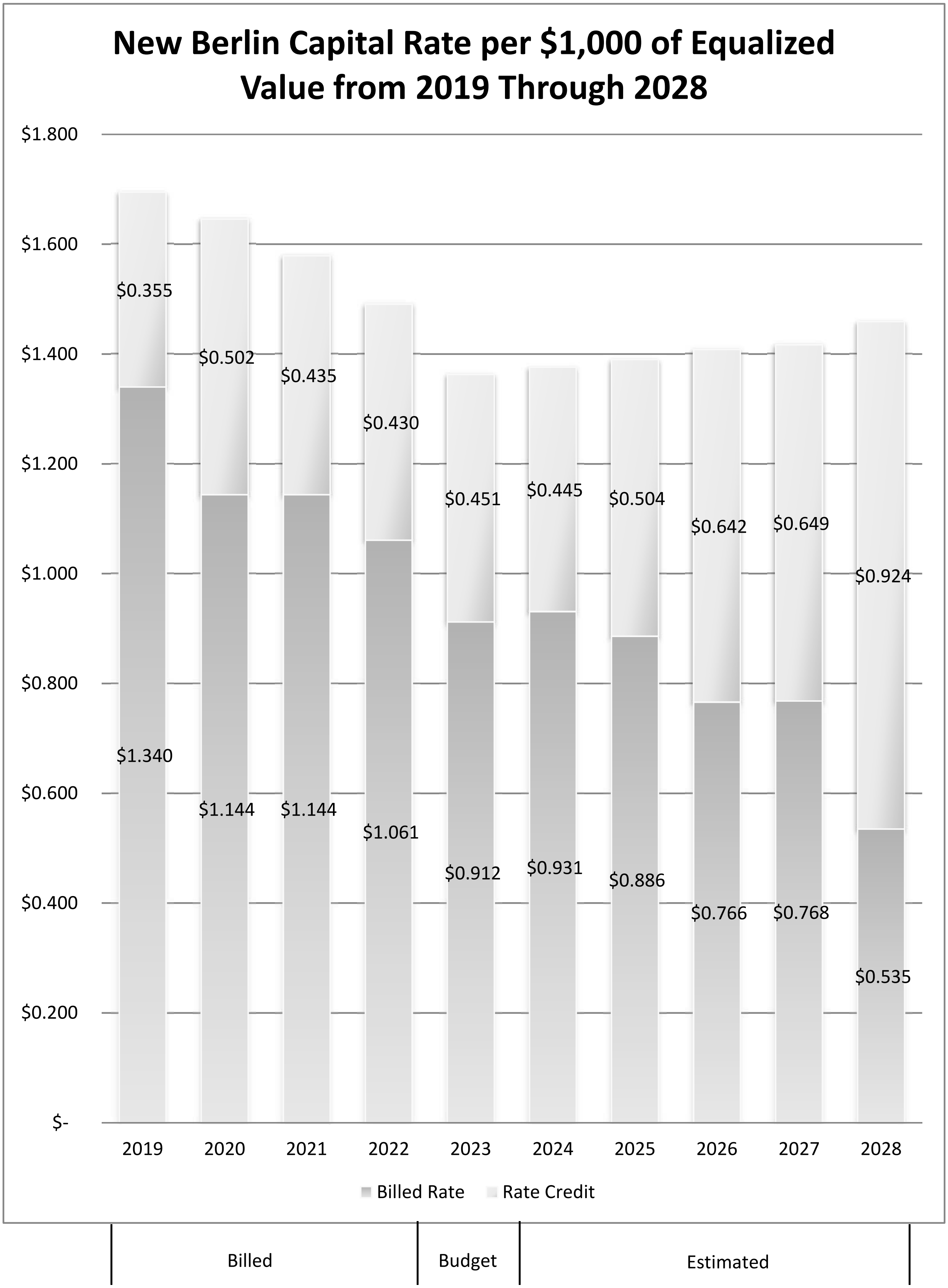
Non-Operating Expenses

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

Total	**10,699,976**	**10,789,800**	**89,824**

NEW BERLIN SEWER UTILITY
PRELIMINARY BUDGET ANALYSIS

		A	B	C	D		D-C	2020 to 2021 B-A	2021 to 2022 C-B	2022 to 2023 D-C	**Average**
		2020 ACTUAL	2021 ACTUAL	2022 est. ESTIMATED	2023 PROPOSED	Percent of Total Expense	$ Difference	% Difference	% Difference	% Difference	**Annual Increase**
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)	3.3%	63,000	-50.7%	287.7%	-15.0%	74.0%
	Flow Monitoring	(56,981)	(59,785)	(58,000)	(58,000)						
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)	987,888	1,125,966	662,893	425,200		(237,693)				
i)	Nonoperating revenue	422,692	160,055	100,000	110,000		10,000				
k)	Change in Net Assets	1,410,580	1,286,021	762,893	535,200		(227,693)				


New Berlin Capital Rate per $1,000 of Equalized Value from 2019 Through 2028
$1.800
$1.600
$1.400
$1.200
$1.000
$0.800
$0.600
$0.400
$0.200
$-
$0.355
$0.502
$0.435
$0.430
$0.451
$0.445
$0.504
$0.642
$0.649
$0.924
$1.340
$1.144
$1.144
$1.061
$0.912
$0.931
$0.886
$0.766
$0.768
$0.535
2019
2020
2021
2022
2023
2024
2025
2026
2027
2028
Billed Rate
Rate Credit
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	1,645,000	

Funding Sources:

Working Capital	1,645,000
Impact Fees	-
	1,645,000

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