AGENDA OF THE WATER COMMISSION

MONDAY, NOVEMBER 13, 2023, 8:30 AM
In person at the Green Bay Water Utility.
631 S Adams St
Virtual attendance is also available via Zoom.

A. Zoom Meeting Information.

1. Join Zoom Meeting Online:
   https://zoom.us/j/98284055918?pwd=eHBxaWkvN1J2a3N0RERUWkRsNjVkUT09

   Or call in by phone: +1 312 626 6799
   Meeting ID: 982 8405 5918
   Passcode: 385002

   If you wish to speak at this public meeting or leave a comment, please fill out the online Comment Form prior to the meeting. More detailed Zoom Instructions can be found online.

B. Roll Call.

1. Roll call for the Water Commission Meeting of November 13, 2023.

C. Approval of the Agenda.

1. Approval of the Water Commission Meeting Agenda for November 13, 2023.

D. Approval of Minutes.

1. Approval of the Water Commission Meeting Minutes for October 9, 2023.

E. Regular Business.

1. Introduction of new Equipment Maintenance Technician, Peter Falish.
2. Approval of the Employee Handbook updates.
3. Approval of Request for Reclassification of Two Positions.
4. Approval & Adoption of Resolution for the 2024 Annual Budget

5. September and October 2023 Financial Reports
6. Approval of Recommendation to Repeal and Recreate Section 42-164 to 42-174, Green Bay Municipal Code, Relating to Lead Water Service Line Replacement.
7. Consideration to adjourn to CLOSED SESSION pursuant to Sec. 19.85(1)(g), Wis. Stats., for conferring with legal counsel for the governmental body who is rendering oral or written advice concerning strategy to be adopted by the body with respect to litigation in which it is or is likely to become involved; to-wit: PFAS litigation.

F. Informational.

1. General Manager Update

G. Adjournment.

1. Motion to adjourn the Water Commission meeting of November 13, 2023.

1) ACCESSIBILITY: Any person wishing to attend who requires special accommodation because of a disability, should contact the City Safety Manager at 920-448-3125 at least 48 hours before the scheduled meeting time so that arrangements can be made.
2) QUORUM: Please take notice that a majority or quorum of the Common Council may attend this Water Commission meeting and will constitute a meeting of the Common Council for purposes of discussion and information gathering relative to this agenda.
3) REPRESENTATION: The party requesting the communication, or their representative, should be present at this meeting.

MINUTES OF THE WATER COMMISSION

MONDAY, OCTOBER 9, 2023, 8:30 AM
In person at the Green Bay Water Utility.
631 S Adams St
Virtual attendance is also available via Zoom.

A. ZOOM MEETING INFORMATION.

1. Join Zoom Meeting Online:
https://zoom.us/j/98284055918?pwd=eHBxaWkvN1J2a3N0RERUWkRsNjVkUT09

Or call in by phone: +1 312 626 6799
Meeting ID: 982 8405 5918
Passcode: 385002

If you wish to speak at this public meeting or leave a comment, please fill out the online Comment Form prior to the meeting. More detailed Zoom Instructions can be found online.

B. ROLL CALL.

1. Roll call for the Water Commission Meeting of October 9, 2023.

On Monday October 9, 2023, the Water Commission met in person and virtually via Zoom. President Heugel called the meeting to order at 8:30 a.m. Recording Secretary Beilke called the roll. Seven voting commission members: President Heugel (Virtually via Zoom), Vice President Jamie Wall (In Person), Secretary-Treasurer Tom Karmen (Virtually via Zoom), Kathyn Hasselblad-Pascale (In Person), Elizabeth Wheat (In Person), Al Farvour (Virtually via Zoom), and Jacque Boyle (Virtually via Zoom).
Also present: Alder Craig Stevens (Virtually via Zoom, non-voting), Council Representative to the Water Commission, Attorney William Vande Castle (Virtually via Zoom), Kyle Gulya (In Person and Mark Kapocius (Virtually via Zoom) from von Briesen & Roper, Michael Stohl (In Person) from Donohue & Associates, and Lynn Gerlach.
Staff present: Nancy Quirk, Brian Powell, Karen Smits, Russ Hardwick, Andrea Hay (Virtually via Zoom), Sarah Fidler, Jason Maes, Jonathan Peters, Kristin Romanowicz and Kevin Haemker.

C. APPROVAL OF THE AGENDA.

1. Approval of the Water Commission Meeting Agenda for October 9, 2023.

Moved by Kathryn Hasselblad-Pascale, seconded by Allen Farvour to approve. Voice vote being had, the motion passed unanimously.

D. APPROVAL OF MINUTES.

1. Approval of the Water Commission Meeting Minutes for September 11, 2023.

Moved by Jamie Wall, seconded by Allen Farvour to approve. Voice vote being had, the motion passed unanimously.

E. REGULAR BUSINESS.

1. Introduction of new Distribution Maintenance Person, Kevin Haemker.

New employee Kevin Haemker was welcomed by President John Heugel and the Water Commission.

2. Employee Handbook update from Kyle Gulya and Mark Kapocius from Von Briesen & Roper, S.C.

Kyle Gulya and Mark Kapocius from von Briesen & Roper, S.C. presented updates that have been made to the Employee Handbook. The revised copy of the Employee Handbook will be given to Commissioners for review and Commissioners will be asked to approve the changes at the November Water Commission meeting.

3. Presentation on the Analysis for Additional Lake Station Generation by Michael Stohl from Donohue & Associates and Recommendation to Approve Additional Lake Station Generation

Michael Stohl from Donohue & Associates presented the Analysis for Additional Lake Station Generation. Three options were given to the Water Commission.
Moved by Jamie Wall, seconded by Jacque Boyle to approve the design and engineering for Option C of the Analysis for Additional Lake Station Generation. Voice vote being had, the motion passed unanimously. The Commission did recommend incorporating renewable energy options into the project if feasible.

4. August 2023 Financial Report

Moved by Thomas Karman, seconded by Jamie Wall to approve. Voice vote being had, the motion passed unanimously.

F. INFORMATIONAL.

1. Strategic Communication Update

Communication Director Andrea Hay was a featured panelist at WEFTEC and discussed GBWU's approach to public challenges, public transparency, and emerging science in the water industry. She also announced the Manny Teodoro will be announcing his Water Utility Grading results. A link to the grading information will be in the newsletter. At the next commission meeting, the customer survey results will be presented.

2. General Manager Update

1. Operations Projects
    a. Hazelwood Water Main Rehabilitation
    b. Broadway Tank Demolition
    c. Update to Master Plan
2. Business Office/IT
    a. SCADA Fiber Connection Complete
    b. 2024 Budget Status
    c. Tax Roll for Unpaid Water Bills Begins
3. Filter Plant Updates
    a. Sludge Lagoon Dredging
    b. Reservoir Inspections
    c. Ozone Generator Repair
4. Workforce Report
    a. Open Positions
        i. Distribution Maintenance Person (Full-Time)
        ii. Operations Manager (Full-Time)
    b. Upcoming Changes
        i. Equipment Maintenance Technician– October 16
        ii. Brian Powell transition to General Manager – November 6

5. Upcoming Trench Safety Training with the Green Bay Metro Fire Department.
6. EPA announced the availability of grant funding to support training and carrier opportunities for workers who protect and treat our nation's drinking water and provide critical wastewater services.

G. RECOGNITION

1. Presentation of the Stewards of Safe Water Award from WI AWWA to John C. Heugel.

General Manager Nancy Quirk presented the Stewards of Safe Water Award from the WI AWWA conference to John C. Heugel and recognized his 10 years of service with the Water Commission. The Water Commission also acknowledged the Lifetime Achievement Award that was given to Nancy Quirk at the WI AWWA conference.

H. ADJOURNMENT.

1. Motion to adjourn the Water Commission meeting of October 9, 2023.

Moved by Jamie Wall, seconded by Commissioner Elizabeth Wheat to adjourn. Voice vote being had, the motion passed unanimously.

Green Bay Water Commission
MEMORANDUM

DATE: November 13, 2023
TO: Green Bay Water Commission
FROM: Nancy Quirk, General Manager and Sarah Fidler, Human Resource Coordinator
RE: Approval of Green Bay Water Employee Handbook Update 2023

In alignment with our core values—health and safety, sustainability, employee and customer experience, and integrity—the Green Bay Water management team has dedicated several months to a comprehensive update of our Employee Handbook. Our objective is to ensure that this essential document remains current, legally robust, and beneficial to both the Utility and our valued employees.

As you may recall, Attorney Kyle Guyla presented an overview of the proposed updates to the commission on October 9, 2023. We were pleased to receive your feedback and insights during that presentation, and we have taken those suggestions to heart as we continued to refine the handbook.

To further enhance the quality and compliance of our handbook revisions, we have engaged the expertise of Von Briesen & Roper, S.C., a renowned law firm with a strong track record in labor laws, particularly in the public sector. Attorney Mark Kapocius, representing Von Briesen & Roper, S.C., will be present at our upcoming meeting to address any questions or concerns you may have regarding the proposed updates.

With thorough input from our managers, supervisors, and legal counsel, we believe that the Employee Handbook is now in excellent shape and ready for your approval. We kindly request that the Green Bay Water Commission consider approving the updates to the Employee Handbook as presented in October 2023.

We recommend that these updates take effect December 17, 2023, which is the first pay period of 2024 on January 4, 2024.

Green Bay Water
MEMORANDUM

DATE: November 13, 2023
TO: Green Bay Water Commission
FROM: Nancy Quirk, General Manager
RE: Reclassification of Communication Director

This position was created in 2017. At that time, it was a one-person department with only the Communication Director.

In 2022, we added a position in the organization chart of the Utility of Community Education and Outreach person in this area. The Communication Director became the direct supervisor to this position at that time.

The Utility also worked with a consultant to develop a strategic communication plan in 2022. Additional tasks were added to the Communication Director's job duties over the last year following the recommendations from that plan and those tasks were also added to this job description duties.

We updated the job description to capture the new job duties and responsibilities. The job description was approved by the City of Green Bay's human resources department. We then submitted this to Carlson Dettmann to evaluate the score for placement in our salary structure. Their recommendation is as follows:

"To appropriately grade the position, we reviewed a number of factors related to the decision-making authority, supervisory duties, thinking challenges, education and experience, etc. As a result of this review, it is recommended that this position be placed in Grade N of the Utility's compensation plan".

We recommend moving the rating of the Communication Director from Grade L (Range: $39.42 - $51.86); to the new grade/range in Grade N (Range: $46.06 - $60.61).

We recommend that this reclassification take effect December 17, 2023, which is the first pay period of 2024 on January 4, 2024.

Green Bay Water

MEMORANDUM

DATE: November 13, 2023
TO: Green Bay Water Commission
FROM: Russ Hardwick, Water Quality Manager
RE: Reclassification of Water Quality Lab Technician

The position of Water Quality Lab Technician was created in October 2019. The duties and responsibilities of this position have changed over time, examples are coordination with regulatory agencies and consulting engineers, coordination of water quality projects, development of laboratory budget and laboratory certification. In addition, this position also participates in the development of the Filter Plant's Capital Improvement Plan and they back up the Water Quality Manager.

We created a new job description, Water Quality Coordinator, to capture the new job duties and responsibilities. The intention is to replace the Water Quality Lab Technician with the Water Quality Coordinator. The job description was approved by the City of Green Bay's human resources department. We then submitted this to Carlson Dettmann to evaluate the score for placement in our salary structure. Their recommendation is as follows:

"To appropriately grade the position, we reviewed a number of factors related to the decision-making authority, supervisory duties, thinking challenges, education, and experience, etc. As a result of this review, it is recommended that this position be placed in Grade K of the Utility's compensation plan".

We recommend moving the rating of the Water Quality Coordinator from Grade I (Range: $31.26 - $41.14); to the new grade/range is Grade K (Range: $36.53 - $48.08).

We recommend that this reclassification take effect December 17, 2023, which is the first pay period of 2024 on January 4, 2024.

2024 BUDGET

GREEN BAY WATER

*THE MISSION OF THE GREEN BAY WATER UTILITY IS
TO PROVIDE A RELIABLE, HIGH-QUALITY
DRINKING WATER SUPPLY
WITH EXCEPTIONAL CUSTOMER SERVICE AND VALUE.*

GREEN BAY WATER

631 South Adams Street
Green Bay, WI 54301
(920) 448-3480

November 8, 2023

Dear Green Bay Water Commission, Staff, and Customers:

I am pleased to present the Green Bay Water Utility's Five-Year Capital Improvement Plan (CIP) and Budget for the fiscal year 2024. Under the guidance of Stephanie Rogers, our Utility Business Manager, and Karen Smits, our Accountant, and with the strategic oversight of my role as General Manager, we have formulated a budget that aligns with our long-term financial strategy. This year's budget underscores our commitment to financial stability, infrastructure development, and careful expense management, intending to balance growth and cost control.

REVENUES

Our last rate case happened in 2020 as we implemented a 5% rate increase, strengthening our financial base. We plan to propose an additional 10% rate increase to the Wisconsin Public Service Commission for approval by the end of this year, anticipated to be effective in June 2024. This proposed adjustment is expected to yield a corresponding 5% revenue increase for 2024. Our consumption forecasts remain on par with past averages, while interest income has benefited from the recent uptick in rates, positively affecting our checking account balances. We continue our role as the preferred water service provider for several local communities, ensuring them consistent and reliable support.

CAPITAL IMPROVEMENT PROGRAM

Our five-year CIP is crafted to uphold our mission to maintain the quality and reliability of our water infrastructure. The 2024 CIP allocation prioritizes various projects:

- A $1.23 million investment in the Village of Pulaski's construction costs related to the connection to our water system
- Pumping station enhancements with $180,000 dedicated to Chlorine System upgrades and $1 million to start the engineering for the installation of a new generator at the Lake Station
- Upgrades for operational equipment, including $150,000 for radio replacements and $90,000 for vault replacements on Hwy 54/57
- Substantial funding of $5.06 million toward vital water main relay projects on resurfacing and reconstructed streets. This will replace approximately 4.17 miles of mains.
- The upgrade of treatment structures and equipment with allocations for Corrosion Control ($100,000), Insertion Mag Meters ($325,000), Laboratory Equipment ($40,000), and SCADA Software enhancements ($200,000)
- To enhance billing accuracy and customer trust, $320,000 was set aside for meter replacements
- A focus on technology continues, with $50,000 budgeted for computer system upgrades, $15,000 for firewall improvements, $50,000 for phone system replacement, and $100,000 for server optimization and storage enhancements

These investments reflect our forward-looking approach to infrastructure maintenance and service excellence.

PERSONNEL

The 2024 personnel budget accommodates a 3% cost of living adjustment and a step increase for all positions, following market rates suggested by the Carlson Dettmann Consulting survey. We've reallocated labor costs to account for changing personnel dynamics and work volume predictions. The maintenance budget for Lake Station now includes personnel costs for heightened generator maintenance. We have also reallocated labor to maintain flexibility in job assignments across power production, customer service, and installation tasks.

OPERATING BUDGET

Our operating budget is crafted to preempt financial shifts, with a 3% increase in health premiums, steady dental premium, and slight increase for the Wisconsin Retirement System rates affected our employee benefits. We are expecting stable gas expenses with a projected 2% savings in electric costs from recent WPS estimates. However, chemical costs are expected to rise by 15% due to supplier increases.

We are proactively taking care of our pumping section structures and equipment by replacing some HVAC systems and repairing roofs at some of our structures. The Lake Station will have pump # 4 rebuilt and Bond Well will be inspected.

The budget accounts for $64,000 in consultant fees for the Pilot Plant project, embodying our drive for innovation. With the previous year's equipment maintenance complete, we will continue to ensure up-to-date treatment operations. The budget for Meter Reading reflects higher maintenance costs due to the AclaraONE software upgrade, which is necessary for operational effectiveness.

We have made provisions for increases in property and liability insurance, reflecting rate hikes by the City’s insurance company. The application fee for our 2024 rate case has been incorporated into the Regulatory Commission Expense, aligning with compliance needs.

The Miscellaneous General Expense will cover disseminating the Consumer Confidence Report (CCR) twice a year, fulfilling our obligation to keep customers informed about their water quality.

CONCLUSION

Reflecting our dedication to exceptional service and supply reliability, the 2024 budget is a testament to Green Bay Water Utility's commitment to its customers. We appreciate the continued support from our communities and look forward to fostering sustainable water service delivery in partnership with the Village of Pulaski and our existing customer base.

Sincerely,

Nancy Quirk

Nancy Quirk, P.E.
General Manager
Green Bay Water Utility

GREEN BAY WATER COMMISSION

RESOLUTION AUTHORIZING AND APPROVING 2024 ANNUAL BUDGET

WHEREAS, pursuant to the provisions of Sec. 66.0805, Wis. Stats., the City of Green Bay (the “City”) has previously provided for and authorized the management of the Green Bay Water Utility (the “Utility”), as a municipal public utility, by a commission; and

WHEREAS, the Green Bay Water Commission (the “Commission”), as established by the City under the provisions of Sec. 66.0805, Wis. Stats., is responsible for oversight of the management and control of the Utility, including, but not limited to the financial and fiscal operations thereof; and

WHEREAS, the rules and regulations of the Green Bay Water Utility as adopted by the Green Bay Water Commission (the “Commission”) on May 8, 1974, and approved by the City of Green Bay Improvement and Service Committee of the Common Council of the City of Green Bay on August 15, 1974 and the Green Bay Water Utility Operating Rules, as adopted by the Commission on September 16, 1985, and approved by the City of Green Bay Improvement and Service Committee of the Common Council of the City of Green Bay on December 11, 1985, require the Commission to annually consider, approve and adopt an annual operating budget for the Utility; and

WHEREAS, the Utility’s staff, in consultation with the Commission’s Budget Committee has prepared a proposed 2024 Annual Budget, in the form presented herewith and attached hereto, which proposed 2024 Annual Budget has subsequently been reviewed by and received the approval recommendation from the Budget Committee; and

WHEREAS, on review of financial and management information provided by the Utility staff, on review of the Commission’s previously adopted strategic plan and within the current rate based revenue structure authorized and approved by the Wisconsin Public Service Commission, and on consideration of the recommendation of the Commission’s Budget Committee, the Commission has reviewed, analyzed and considered the Utility’s proposed 2024 Annual Budget including projected rate based revenues as well as anticipated expenses necessary to maintain the operation of the Utility and carry-out its mission and responsibilities within the framework of the approved rate based revenue structure;

NOW, THEREFORE, it is hereby moved and resolved by the Green Bay Water Commission in the following:

RESOLVED FIRST: That the 2024 Annual Budget of the Green Bay Water Utility, in the form presented herewith and attached hereto, be, and the same hereby is authorized and approved.

RESOLVED SECOND: That the appropriate officers of the Utility be, and they hereby are, authorized to take all such other and further action as they, in their judgment, shall determine necessary to carry out the intent and to accomplish the purposes of these Resolutions and to carry out and implement the Budget approved hereunder.

ADOPTED this 13th day of November 2023.

APPROVED this 13th day of November 2023.

GREEN BAY WATER COMMISSION

____

John C. Heugel, President

ATTEST:

____

Tom Karman, Secretary/Treasurer

GREEN BAY WATER UTILITY
2024 BUDGET

	2021 Actual	2022 Actual	2023 Budget	2023 Projected	2024 Budget
OPERATING REVENUE					
Residential & Apartment	$ 7,570,248	$ 7,377,404	$ 7,495,000	$ 7,400,000	$ 7,770,000
Commercial & Restaurant	3,716,899	3,734,487	3,810,000	3,700,000	3,885,000
Industrial	6,886,481	6,624,403	6,850,000	6,500,000	6,825,000
Municipal	448,152	448,311	405,000	445,000	467,250
Public Fire Protection	1,380,074	1,377,884	1,380,000	1,380,000	1,449,000
Private Fire Protection	158,255	160,385	160,000	161,000	169,050
Water for Resale - Ashwaubenon	3,371,009	3,248,245	3,325,000	3,300,000	3,465,000
Water for Resale - Scott	103,481	86,862	102,000	85,000	89,250
Water for Resale - Hobart	366,674	379,391	380,000	450,000	472,500
Water for Resale - Wrightstown	177,517	189,554	175,000	198,000	207,900
Sewer Dept Reimbursement	948,989	973,960	1,055,000	1,055,000	1,075,000
Stormwater Utility Reimbursement	374,000	403,614	405,000	405,000	408,000
Penalties	115,967	125,793	120,000	120,000	125,000
Other Water Revenues	313,431	320,545	318,523	364,385	327,500
TOTAL OPERATING REVENUE	25,931,177	25,450,838	25,980,523	25,563,385	26,735,450
OPERATING EXPENSES					
Source of Supply Expense					
Purchased Water	7,911	8,056	8,000	8,500	9,000
Maintenance of Intakes	-	8,960	-	-	10,000
Maintenance of Supply Mains	758,597	1,264,561	119,394	48,703	78,765
Total Source of Supply Expense	766,508	1,281,577	127,394	57,203	97,765
Pumping Expense					
Pumping Operation Supervision	83,754	76,388	93,512	75,108	91,997
Fuel/Power Purchased for Pumping	815,310	930,875	980,000	952,000	937,000
Pumping Labor & Expense	71,483	59,933	71,628	80,005	107,888
Miscellaneous Pumping	58,074	75,928	84,994	71,887	85,550
Pumping Maintenance Supervision	30,995	25,919	26,991	41,078	42,369
Maintenance of Pumping Structures	135,107	120,493	237,328	207,134	213,239
Maintenance of Power Prod Equip	247,235	31,798	29,500	19,500	41,000
Maintenance of Pumping Equipment	107,098	147,724	221,507	348,550	399,500
Total Pumping Expense	1,549,056	1,469,058	1,745,460	1,795,262	1,918,543
Water Treatment Expense					
Water Treatment Supervision	72,206	82,569	82,147	82,215	86,501
Chemicals	346,704	423,872	582,875	540,225	628,000
Treatment Operations	701,623	855,148	1,354,688	1,071,457	811,947
Miscellaneous Water Treatment	146,480	145,789	162,699	165,978	182,437
Treatment Maintenance Supervision	29,038	26,887	31,686	35,414	37,072
Maintenance of Treatment Structures	37,877	81,921	127,066	130,807	54,967
Maintenance of Treatment Equipment	548,151	161,229	383,220	342,185	249,861
Total Water Treatment Expense	1,882,079	1,777,415	2,724,381	2,368,281	2,050,785
Transmission & Distribution Expense					
Distribution Supervision	224,149	239,328	262,501	254,220	273,339
Transmission & Distribution Line	419,567	244,413	335,415	236,445	280,900
Meter Expense	268,940	264,047	340,887	197,237	226,460
Customer Installation	81,284	124,221	98,732	220,602	237,504
Private Services	31,466	34,450	37,336	28,954	-
Miscellaneous Distribution	228,066	399,870	439,577	436,852	468,410
Maintenance of Reservoirs & Standpipes	23,521	40,148	33,898	75,644	438,652
Maintenance of Mains	1,235,389	1,389,613	1,550,655	1,300,022	1,550,693
Maintenance of Services	344,516	415,579	407,631	545,862	584,968
Maintenance of Meters	135,379	96,808	95,269	78,101	67,404
Maintenance of Hydrants	147,283	155,843	162,174	184,257	203,894
Total Transmission & Distribution Expense	3,139,560	3,404,320	3,764,075	3,558,196	4,332,224

GREEN BAY WATER UTILITY
2024 BUDGET

	2021 Actual	2022 Actual	2023 Budget	2023 Projected	2024 Budget
Customer Accounts Expense					
Meter Reading	14,460	13,265	56,659	56,786	62,347
Customer Records & Collection	988,384	942,082	962,290	981,684	1,030,767
Uncollectible Accounts	24,023	20,375	1,000	2,500	2,000
Customer Service & Information	2,068	72,478	78,456	69,406	73,658
Total Customer Accounts Expense	1,028,935	1,048,200	1,098,405	1,110,376	1,168,772
Administrative & General Expense					
Administrative & General Salaries	705,261	659,327	768,844	782,428	854,832
Office Supplies & Expenses	71,179	104,653	119,134	104,858	110,395
Outside Services Employed	276,722	435,989	688,627	584,500	589,646
Property Insurance	71,855	80,715	97,884	97,884	129,057
Liability Insurance	112,040	36,669	64,500	46,322	60,437
Employee Benefits	712,798	755,649	1,392,631	1,261,784	1,364,566
Regulatory Commission Expense	635	-	10,000	1,000	15,000
Miscellaneous General Expense	51,433	49,760	60,589	47,308	55,950
General Plant Maintenance	141,339	207,714	292,917	269,110	241,954
Jobbing & Contract Work	219,722	248,441	250,093	224,250	244,146
Taxes	343,173	328,556	380,324	354,073	385,416
Amortization of Ashwaubenon Booster	131,453	131,453	131,453	131,453	131,453
Total Administrative & General Expense	2,837,610	3,038,926	4,256,996	3,904,970	4,182,852
Depreciation Expense	5,386,567	5,481,708	5,428,434	5,568,434	5,678,434
TOTAL OPERATING EXPENSE	16,590,315	17,501,204	19,145,145	18,362,722	19,429,375
OPERATING INCOME	9,340,862	7,949,634	6,835,378	7,200,663	7,306,075
NONOPERATING REVENUES (EXPENSES)					
Interest Income	29,438	27,875	40,000	880,509	675,000
Miscellaneous Income	309,593	315,806	335,500	360,000	380,750
Amortization of Debt Premium	585,568	589,690	589,689	589,689	589,689
Capital Contributions	209,823	279,528	300,000	300,000	300,000
Tax Equivalency	(2,457,195)	(2,367,148)	(2,598,000)	(2,598,000)	(2,650,000)
Interest Expense	(1,644,170)	(1,484,543)	(1,400,088)	(1,400,088)	(1,290,127)
Amortization of Debt Expense	(342,819)	(308,587)	(270,391)	(270,391)	(228,727)
TOTAL NONOPERATING REVENUES (EXPENSES)	(3,309,762)	(2,947,379)	(3,003,290)	(2,138,281)	(2,223,415)
NET INCOME	$ 6,031,099	$ 5,002,255	$ 3,832,088	$ 5,062,382	$ 5,082,660

GREEN BAY WATER UTILITY

Green Bay Operations w/o Ashwaubenon

2024 BUDGET

	2021 Actual	2022 Actual	2023 Budget	2023 Projected	2024 Budget
OPERATING REVENUE					
Residential & Apartment	$ 7,570,248	$ 7,377,404	$ 7,495,000	$ 7,400,000	$ 7,770,000
Commercial & Restaurant	3,716,899	3,734,487	3,810,000	3,700,000	3,885,000
Industrial	6,886,481	6,624,403	6,850,000	6,500,000	6,825,000
Municipal	448,152	448,311	405,000	445,000	467,250
Public Fire Protection	1,380,074	1,377,884	1,380,000	1,380,000	1,449,000
Private Fire Protection	158,255	160,385	160,000	161,000	169,050
Water for Resale - Scott	103,481	86,862	102,000	85,000	89,250
Water for Resale - Hobart	366,674	379,391	380,000	450,000	472,500
Water for Resale - Wrightstown	177,517	189,554	175,000	198,000	207,900
Sewer Dept Reimbursement	948,989	973,960	1,055,000	1,055,000	1,075,000
Stormwater Utility Reimbursement	374,000	403,614	405,000	405,000	408,000
Penalties	115,967	125,793	120,000	120,000	125,000
Other Water Revenues	313,431	320,545	318,523	364,385	327,500
TOTAL OPERATING REVENUE	22,560,168	22,202,593	22,655,523	22,263,385	23,270,450
OPERATING EXPENSES					
Source of Supply Expense					
Purchased Water	7,911	8,056	8,000	8,500	9,000
Maintenance of Intakes	-	8,960	-	-	10,000
Maintenance of Supply Mains	758,597	1,264,561	119,394	48,703	78,765
Total Source of Supply Expense	766,508	1,281,577	127,394	57,203	97,765
Pumping Expense					
Pumping Operation Supervision	83,754	76,388	93,512	75,108	91,997
Fuel/Power Purchased for Pumping	687,656	785,271	820,000	795,000	782,000
Pumping Labor & Expense	71,483	59,933	71,628	80,005	107,888
Miscellaneous Pumping	58,074	75,928	84,994	71,887	85,550
Pumping Maintenance Supervision	30,995	25,919	26,991	41,078	42,369
Maintenance of Pumping Structures	135,107	120,493	237,328	207,134	213,239
Maintenance of Power Prod Equip	247,235	31,798	29,500	19,500	41,000
Maintenance of Pumping Equipment	107,098	147,724	221,507	348,550	399,500
Total Pumping Expense	1,421,402	1,323,454	1,585,460	1,638,262	1,763,543
Water Treatment Expense					
Water Treatment Supervision	72,206	82,569	82,147	82,215	86,501
Chemicals	293,192	349,890	467,875	460,225	528,000
Treatment Operations	682,463	833,178	1,331,188	1,049,457	790,447
Miscellaneous Water Treatment	146,480	145,789	162,699	165,978	182,437
Treatment Maintenance Supervision	29,038	26,887	31,686	35,414	37,072
Maintenance of Treatment Structures	37,877	81,921	127,066	130,807	54,967
Maintenance of Treatment Equipment	548,151	161,229	383,220	342,185	249,861
Total Water Treatment Expense	1,809,407	1,681,463	2,585,881	2,266,281	1,929,285
Transmission & Distribution Expense					
Distribution Supervision	224,149	239,328	262,501	254,220	273,339
Transmission & Distribution Line	419,567	244,413	335,415	236,445	280,900
Meter Expense	268,940	264,047	340,887	197,237	226,460
Customer Installation	81,284	124,221	98,732	220,602	237,504
Private Services	31,466	34,450	37,336	28,954	-
Miscellaneous Distribution	228,066	399,870	439,577	436,852	468,410
Maintenance of Reservoirs & Standpipes	23,521	40,148	33,898	75,644	438,652
Maintenance of Mains	1,235,389	1,389,613	1,550,655	1,300,022	1,550,693
Maintenance of Services	344,516	415,579	407,631	545,862	584,968
Maintenance of Meters	135,379	96,808	95,269	78,101	67,404
Maintenance of Hydrants	147,283	155,843	162,174	184,257	203,894
Total Transmission & Distribution Expense	3,139,560	3,404,320	3,764,075	3,558,196	4,332,224

GREEN BAY WATER UTILITY

Green Bay Operations w/o Ashwaubenon

2024 BUDGET

	2021 Actual	2022 Actual	2023 Budget	2023 Projected	2024 Budget
Customer Accounts Expense					
Meter Reading	14,460	13,265	56,659	56,786	62,347
Customer Records & Collection	988,384	942,082	962,290	981,684	1,030,767
Uncollectible Accounts	24,023	20,375	1,000	2,500	2,000
Customer Service & Information	2,068	72,478	78,456	69,406	73,658
Total Customer Accounts Expense	1,028,935	1,048,200	1,098,405	1,110,376	1,168,772
Administrative & General Expense					
Administrative & General Salaries	705,261	659,327	768,844	782,428	854,832
Office Supplies & Expenses	71,179	104,653	119,134	104,858	110,395
Outside Services Employed	276,722	435,989	688,627	584,500	589,646
Property Insurance	71,855	80,715	97,884	97,884	129,057
Liability Insurance	112,040	36,669	64,500	46,322	60,437
Employee Benefits	712,798	755,649	1,392,631	1,261,784	1,364,566
Regulatory Commission Expense	635	-	10,000	1,000	15,000
Miscellaneous General Expense	51,433	49,760	60,589	47,308	55,950
General Plant Maintenance	141,339	207,714	292,917	269,110	241,954
Jobbing & Contract Work	219,722	248,441	250,093	224,250	244,146
Taxes	343,173	328,556	380,324	354,073	385,416
Amortization of Ashwaubenon Booster	131,453	131,453	131,453	131,453	131,453
Total Administrative & General Expense	2,837,610	3,038,926	4,256,996	3,904,970	4,182,852
Depreciation Expense	5,275,133	5,370,274	5,317,000	5,457,000	5,567,000
TOTAL OPERATING EXPENSE	16,278,555	17,148,214	18,735,211	17,992,288	19,041,441
OPERATING INCOME	6,281,613	5,054,379	3,920,312	4,271,097	4,229,009
NONOPERATING REVENUES (EXPENSES)					
Interest Income	29,438	27,875	40,000	880,509	675,000
Miscellaneous Income	309,593	315,806	335,500	360,000	380,750
Amortization of Debt Premium	532,760	536,883	536,882	536,882	536,882
Capital Contributions	209,823	279,528	300,000	300,000	300,000
Tax Equivalency	(2,317,259)	(2,240,043)	(2,450,000)	(2,450,000)	(2,500,000)
Interest Expense	(1,514,508)	(1,362,673)	(1,285,198)	(1,285,198)	(1,184,381)
Amortization of Debt Expense	(311,211)	(280,135)	(245,461)	(245,461)	(207,730)
TOTAL NONOPERATING REVENUES (EXPENSES)	(3,061,364)	(2,722,759)	(2,768,277)	(1,903,268)	(1,999,479)
NET INCOME	$ 3,220,249	$ 2,331,620	$ 1,152,035	$ 2,367,829	$ 2,229,530

GREEN BAY WATER UTILITY

Ashwaubenon Operations

2024 BUDGET

	2021 Actual	2022 Actual	2023 Budget	2023 Projected	2024 Budget
OPERATING REVENUE					
Water for Resale - Ashwaubenon	$ 3,371,009	$ 3,248,245	$ 3,325,000	$ 3,300,000	$ 3,465,000
OPERATING EXPENSES					
Pumping Expense					
Fuel/Power Purchased for Pumping	127,654	145,604	160,000	157,000	155,000
Water Treatment Expense					
Chemicals	53,512	73,982	115,000	80,000	100,000
Treatment Operations	19,160	21,970	23,500	22,000	21,500
Total Water Treatment Expense	72,672	95,952	138,500	102,000	121,500
Depreciation Expense	111,434	111,434	111,434	111,434	111,434
TOTAL OPERATING EXPENSE	311,760	352,990	409,934	370,434	387,934
OPERATING INCOME	3,059,249	2,895,255	2,915,066	2,929,566	3,077,066
NONOPERATING REVENUES (EXPENSES)					
Amortization of Debt Premuim	52,807	52,807	52,807	52,807	52,807
Tax Equivalency	(139,936)	(127,105)	(148,000)	(148,000)	(150,000)
Interest Expense	(129,662)	(121,870)	(114,890)	(114,890)	(105,746)
Amortization of Debt Expense	(31,608)	(28,452)	(24,930)	(24,930)	(20,997)
TOTAL NONOPERATING REVENUES (EXPENSES)	(248,399)	(224,620)	(235,013)	(235,013)	(223,936)
NET INCOME	$ 2,810,850	$ 2,670,635	$ 2,680,053	$ 2,694,553	$ 2,853,130

GREEN BAY WATER UTILITY

Operating and Maintenance Expenses by Major Function w/o Ashwaubenon

2024 BUDGET

	2024 Budget Amount	% of Total Budget	2023 Budget Amount	% of Total Budget
Salaries & wages	$ 4,951,544	21.59%	$ 4,929,941	21.70%
Employee benefits:				
Health, dental & life insurance	915,096	3.99%	948,544	4.18%
Social Security	375,719	1.64%	368,988	1.62%
WRS pension	338,827	1.48%	326,990	1.44%
Other employee benefits	128,165	0.56%	150,642	0.66%
Total employee benefits	1,757,807	7.66%	1,795,164	7.90%
Total salaries, wages & employee benefits	6,709,351	29.26%	6,725,105	29.61%
Contractor costs	1,561,350	6.81%	1,543,900	6.80%
Materials & supplies	896,268	3.91%	793,144	3.49%
Vehicle & equipment fuel & maintenance	993,989	4.33%	1,010,030	4.45%
Pumping electric & gas	800,750	3.49%	844,800	3.72%
Treatment plant electric & gas	193,000	0.84%	203,000	0.89%
Office & vehicle building electric & gas	76,350	0.33%	81,650	0.36%
Property maintenance	87,210	0.38%	81,000	0.36%
Chemicals for water treatment	528,000	2.30%	467,875	2.06%
Water sample testing	158,000	0.69%	115,000	0.51%
Outside services (legal, audit, engineering, city services, etc.)	972,396	4.24%	1,086,627	4.78%
Liability, property & workers' comp insurance	189,494	0.83%	162,384	0.71%
Meetings, conventions and public information	46,780	0.20%	51,993	0.23%
Other (phone, postage, bad debts, etc.)	98,400	0.43%	88,600	0.39%
Depreciation	5,567,000	24.27%	5,317,000	23.41%
Amortization of wholesale grants	163,103	0.71%	163,103	0.72%
PILOT payment to City	2,500,000	10.90%	2,450,000	10.79%
Debt interest and amortization	1,392,111	6.07%	1,530,659	6.74%
Total Expenses	$ 22,933,552	100.00%	$ 22,715,870	100.00%

GREEN BAY WATER UTILITY
Schedule of Cash Flows
2024 BUDGET

	Total	Green Bay	Ashwaubenon
Cash Balance 12/31/21	$ 13,048,573	$ (2,338,736)	$ 15,387,309
Net Income	$ 5,002,255	$ 2,331,619	$ 2,670,636
Capital Contribution	(279,528)	(279,528)	-
Depreciation	5,630,050	5,630,050	-
Amortization	131,453	131,453	-
LT debt proceeds	-	-	-
LT debt pmts	(4,205,000)	(3,849,569)	(355,431)
Amortization of debt prem/disc.	(281,104)	(281,104)	-
Interest on debt reserve	(152,857)	(152,857)	-
Gain/loss on debt reserve	318,208	318,208	-
Fixed asset purchases	(7,752,801)	(7,593,595)	(159,206)
Net change in cash	(1,589,324)	(3,745,323)	2,155,999
Cash Balance 12/31/22	$ 11,459,249	$ (6,084,059)	$ 17,543,308
Net Income	$ 5,062,382	$ 2,367,829	$ 2,694,553
Capital Contribution	(300,000)	(300,000)	-
Depreciation	5,568,434	5,568,434	
Amortization	131,453	131,453	-
LT debt proceeds	-	-	-
LT debt pmts	(4,305,000)	(3,941,271)	(363,729)
Amortization of debt prem/disc.	(319,298)	(319,298)	-
Interest on debt reserve	(190,000)	(190,000)	-
Gain/loss on debt reserve	(50,000)	(50,000)	-
Fixed asset purchases	(5,679,721)	(5,555,000)	(124,721)
Net change in cash	(81,750)	(2,287,853)	2,206,103
Cash Balance 12/31/23	$ 11,377,499	$ (8,371,912)	$ 19,749,411
Net Income	$ 5,082,660	$ 2,229,530	$ 2,853,130
Capital Contribution	(300,000)	(300,000)	-
Depreciation	5,678,434	5,678,434	-
Amortization	131,453	131,453	-
LT debt proceeds	2,955,000	2,955,000	-
LT debt pmts	(4,415,000)	(4,042,051)	(372,949)
Amortization of debt prem/disc.	(360,962)	(360,962)	-
Interest on debt reserve	(175,000)	(175,000)	-
Gain/loss on debt reserve	(50,000)	(50,000)	-
Fixed asset purchases	(11,250,000)	(10,585,000)	(665,000)
Net change in cash	(2,703,415)	(4,518,596)	1,815,181
Cash Balance 12/31/24	$ 8,674,084	$ (12,890,508)	$ 21,564,592

Cash balance includes O & M, Bond Redemption & Reserve, Construction and Private Service Replacement Accounts.

GREEN BAY WATER UTILITY

RATE OF RETURN ANALYSIS

(Excluding Ashwaubenon Wholesale Operations)

2024 BUDGET

	1/1/23	12/31/23	AVERAGE
Plant in Service (Utility Financed)	$ 225,737,471	$ 229,987,471	$ 227,862,471
Less: Accumulated Depreciation	94,263,129	97,763,129	96,013,129
Net Capital Investment (Utility Financed)	131,474,342	132,224,342	131,849,342
Plus: Materials & Supplies	801,502	600,000	700,751
Rate Base	$ 132,275,844	$ 132,824,342	$ 132,550,093
Less: Regulatory Liability			100,667
Net Investment Rate Base			$ 132,449,426
Net Operating Income			$ 3,177,418
Rate of Return			2.40%

	1/1/24	12/31/24	AVERAGE
Plant in Service (Utility Financed)	$ 229,987,471	$ 236,407,471	$ 233,197,471
Less: Accumulated Depreciation	97,763,129	102,263,129	100,013,129
Net Capital Investment (Utility Financed)	132,224,342	134,144,342	133,184,342
Plus: Materials & Supplies	600,000	600,000	600,000
Rate Base	$ 132,824,342	$ 134,744,342	$ 133,784,342
Less: Regulatory Liability			-
Net Investment Rate Base			$ 133,784,342
Net Operating Income			$ 2,996,080
Rate of Return			2.24%

AUTHORIZED RATE OF RETURN: 3.9%

GREEN BAY WATER UTILITY
CAPITAL IMPROVEMENTS
2024 BUDGET

Project	Department	Amount
Billing System Customer Portal Upgrade	Administrative	$ 205,000
Computer System Upgrades	Administrative	50,000
Firewall Upgrade	Administrative	15,000
Phone System Replacement	Administrative	50,000
Server Optimization Upgrades & Storage Enhancements	Administrative	100,000
Village of Pulaski Water Main*	Administrative	1,230,000
Vehicle/Equipment Replacement Program Summary	Distribution	770,000
Small Equipment	Distribution	25,000
Small Safety Equipment	Distribution	10,000
Water Utility Installs of Services, Hydrants, Valves & Mains	Distribution	750,000
36-Inch Transmission Main Segment Replacements*	Engineering	400,000
Cityworks Upgrade & Implementation	Engineering	30,000
GIS (ESRI) Upgrade & Implementation	Engineering	150,000
Water Main Relays	Engineering	5,060,000
Meter Replacement	Metering & Cross Connection	320,000
Chlorine System Upgrade at Lake Station	Pumping	180,000
Generator Addition at Lake Station*	Pumping	1,000,000
Radio Replacement	Pumping	150,000
Vault Replacement - Hwy 54/57	Pumping	90,000
Corrosion Control Upgrade	Treatment	100,000
Insertion Mag Meters*	Treatment	325,000
Lab Equipment	Treatment	40,000
SCADA Software Upgrade	Treatment	200,000
Total Project Costs		$ 11,250,000

Funding Sources:	Amount
Water User Fees	$ 8,295,000
Revenue Bonds/Safe Drinking Water Loan*	2,955,000
Total Funding Sources	$ 11,250,000

See 2024 Five-Year Capital Improvement Plan for detail on each project.

FIVE-YEAR
CAPITAL IMPROVEMENT PLAN

2024

GREEN BAY WATER

THE MISSION OF THE GREEN BAY WATER UTILITY IS
TO PROVIDE A RELIABLE, HIGH-QUALITY
DRINKING WATER SUPPLY
WITH EXCEPTIONAL CUSTOMER SERVICE AND VALUE.

GREEN BAY WATER UTILITY
CAPITAL IMPROVEMENT PLAN
PROGRAM DEVELOPMENT

It is the intent of the Green Bay Water Utility to maintain a Capital Improvement Plan both to provide physical facilities that are responsive to the needs and demands of the Utility and Utility customers and to be supportive of the long and short range economic, social and environmental development policies of the Utility.

Development of the Five-Year Capital Improvement Plan entails planning together by the various departments within the Utility and with the Business Manager and General Manager. Project requests are submitted by departments in preparation of their operating budget requests. Project and operating budget requests are reviewed by the General Manager in order to develop a capital program and to balance the operating impacts of projects and their funding sources. The Five-Year Capital Improvement Plan is updated each year as an essential component of budget development.

The Five-Year Capital Improvement Plan serves as a planning tool for future growth and development within the Utility. Funds are appropriated in the budget for the current year only, with subsequent years being separately authorized with that year’s budget. Sound planning, project descriptions and accurate cost estimates aid in the formulation of a plan that is used as a valuable management tool in accomplishing needed capital improvements within the Utility’s ability to pay.

Expenditures consist of a permanent addition to the Utility’s assets of major importance and cost and according to Public Service Commission (PSC) definitions. The cost of land acquisition, construction, renovation and equipment are included. Capital Plan assets should have a multi-year useful life or extend the useful life of an existing asset. The Plan includes projects costing approximately $10,000 or greater.

Funding is provided by user fees “rates” charged to the customers who receive services provided by the Utility. Funding can also be generated through the borrowing of funds (principal) at a cost (interest). Revenue bonds are the main instrument used.

Significant operating and maintenance expenses that are related to maintaining the Utility’s capital assets are also included. These are non-frequent or one-time expenses that do not meet the PSC definitions of capital assets but that would have significant effects on our operating budget in a given year. Projects costing $300,000 or above are included. These expenses would mostly likely be funded by borrowing of funds and/or recovered through user fees over a number of years.

GREEN BAY WATER UTILITY
CAPITAL IMPROVEMENT PLAN
2023 PROJECT STATUS

Project	Dept.	2023 Budget Amount	2023 Projected or Actual Cost	2023 Projected Status
Firewall Upgrade	Administrative	$ 15,000	-	Carry forward to 2024
Miscellaneous Computer Upgrades	Administrative	20,000	50,000	Complete
Phone System Upgrade	Administrative	65,000	-	Carry forward to 2024
Server Optimization Upgrades and Storage Enhancements	Administrative	30,000	20,000	Complete
Vehicle/Equipment Replacement Program Summary	Distribution	85,000	85,000	Complete
Small Equipment	Distribution	45,000	24,000	Complete
Small Safety Equipment	Distribution	10,000	1,000	Complete
Water Utility Installs of Services, Hydrants, Valves & Mains	Distribution	700,000	750,000	Complete
Cityworks Upgrades and Implementations	Engineering	50,000	100,000	Complete
GIS (ESRI) Upgrade and Implementations	Engineering	10,000	-	Carry forward to 2024
Water Main Relays	Engineering	4,960,000	3,700,000	Complete
Meter Replacement	Metering & Cross Connection	370,225	600,000	Complete
Generator Addition at Lake Station	Pumping	200,000	70,000	Carry forward to 2024
PLC Replacement	Pumping	80,000	100,000	Complete
Vault Replacement - Hwy 54/57	Pumping	80,000	55,000	Carry forward to 2024
Calibration Instrumentation	Treatment	9,500	9,721	Complete
Insertion Mag Meters Project	Treatment	400,000	100,000	Carry forward to 2024
Corrosion Control Upgrade	Treatment	40,000	-	Carry forward to 2024
Lab Equipment	Treatment	40,000	15,000	Complete
		$ 7,209,725	$ 5,679,721	

GREEN BAY WATER UTILITY
CAPITAL IMPROVEMENT PLAN
2024-2028

Page	Project	Dept.	2024	2025	2026	2027	2028	Total
4	Billing System Customer Portal Upgrade	Administrative	$ 205,000	$ -	$ -	$ -	$ -	$ 205,000
5	Computer System Upgrades	Administrative	50,000	30,000	30,000	30,000	30,000	170,000
6	Firewall Upgrade	Administrative	15,000	-	-	-	-	15,000
7	Phone System Replacement	Administrative	50,000	-	-	-	-	50,000
8	Server Optimization Upgrades & Storage Enhancements	Administrative	100,000	30,000	30,000	30,000	30,000	220,000
9	Village of Pulaski Water Main*	Administrative	1,230,000	-	-	-	-	1,230,000
10	Village of Luxemburg Water Main*	Administrative	-	1,230,000	-	-	-	1,230,000
11	Vehicle/Equipment Replacement Program Summary	Distribution	770,000	710,000	735,000	820,000	321,000	3,356,000
12-16	Distribution Vehicles							
17-18	Metering & Cross Connection Vehicles							
19-20	Office & Engineering Vehicles							
21-24	Pumping Vehicles							
25-26	Treatment Vehicles							
27	Small Equipment	Distribution	25,000	25,000	25,000	25,000	25,000	125,000
28	Small Safety Equipment	Distribution	10,000	10,000	10,000	10,000	10,000	50,000
29	Water Utility Installs of Services, Hydrants, Valves & Mains	Distribution	750,000	750,000	750,000	750,000	750,000	3,750,000
30	36-Inch Transmission Main Segment Replacements*	Engineering	400,000	100,000	-	-	-	500,000
31	Cityworks Upgrade & Implementation	Engineering	30,000	100,000	50,000	20,000	20,000	220,000
32	GIS (ESRI) Upgrade & Implementation	Engineering	150,000	30,000	50,000	10,000	10,000	250,000
33-37	Water Main Relays	Engineering	5,060,000	6,510,000	6,530,000	3,190,000	5,030,000	26,320,000
38	Meter Replacement	Metering & Cross Connection	320,000	365,500	473,000	556,000	707,000	2,421,500
39	Chlorine System Upgrade at Lake Station	Pumping	180,000	-	-	-	-	180,000
40	Generator Addition at Lake Station*	Pumping	1,000,000	4,000,000	5,950,000	-	-	10,950,000
41	Radio Replacement	Pumping	150,000	-	-	-	-	150,000
42	Vault Replacement - Hwy 54/57	Pumping	90,000	-	-	-	-	90,000
43	PLC Replacement - All Stations	Pumping	-	300,000	-	-	-	300,000
44	Water Tower - Bader Zone	Pumping	-	-	300,000	5,300,000	-	5,600,000
45	Corrosion Control Upgrade	Treatment	100,000	600,000	-	-	-	700,000
46	Insertion Mag Meters*	Treatment	325,000	-	-	-	-	325,000
47	Lab Equipment	Treatment	40,000	40,000	40,000	40,000	40,000	200,000
48	SCADA Software Upgrade	Treatment	200,000	-	-	-	-	200,000
49	Filter Media	Treatment	-	300,000	-	-	-	300,000
50	Lab Addition	Treatment	-	550,000	-	-	-	550,000
51	Diesel Generator Replacement	Treatment	-	-	375,000	-	-	375,000
52	Residuals Management Project*	Treatment	-	-	-	6,000,000	-	6,000,000
	Total Project Costs		$ 11,250,000	$ 15,680,500	$ 15,348,000	$ 16,781,000	$ 6,973,000	$ 66,032,500
	Funding Sources:							
	Water User Fees		$ 8,295,000	$ 10,450,500	$ 9,398,000	$ 10,781,000	$ 6,973,000	$ 45,897,500
	Revenue Bonds/Safe Drinking Water Loan*		2,955,000	5,230,000	5,950,000	6,000,000	-	20,135,000
	Total Funding Sources		$ 11,250,000	$ 15,680,500	$ 15,348,000	$ 16,781,000	$ 6,973,000	$ 66,032,500

See pages 53-58 for Significant Operating and Maintenance Expenses

GREEN BAY WATER UTILITY
CAPITAL IMPROVEMENT PLAN
PROJECT REQUEST FOR 2024 - 2028

Project Title: Billing System Customer Portal Upgrade

Department: Administration

Project Description & Justification:

Our current customer portal included in our billing software (NorthStar) is eCare. This upgrade is mandatory due to security and the old system will not be supported. The new customer portal is SilverBlaze. This customer portal enhances mobile customer experiences and provides more user-friendly access to their utility account information.

Impact on On-going Operating Costs/Personnel Requirements:

The annual license subscription will increase approximately $55,000. This will cover all 5 utilities that we bill for.

COST ANALYSIS
Estimated Cash Summary

2024	2025	2026	2027	2028	Total
$ 205,000	$ -	$ -	$ -	$ -	$ 205,000

GREEN BAY WATER UTILITY
CAPITAL IMPROVEMENT PLAN
PROJECT REQUEST FOR 2024 - 2028

Project Title: Computer System Upgrades

Department: Administrative

Project Description & Justification:

Miscellaneous hardware replacements and software updates on desktop computers, laptops, printers etc. Increase in 2024 replacements to handle new phone system allowing virtual phones.

Impact on On-going Operating Costs/Personnel Requirements:

N/A

COST ANALYSIS
Estimated Cash Summary

2024	2025	2026	2027	2028	Total
$ 50,000	$ 30,000	$ 30,000	$ 30,000	$ 30,000	$ 170,000

GREEN BAY WATER UTILITY
CAPITAL IMPROVEMENT PLAN
PROJECT REQUEST FOR 2024 - 2028

Project Title: Firewall Upgrade

Department: Administrative

Project Description & Justification:

Firewall upgrade will be needed for hardware to stay current with cybersecurity standards. This will be completed in conjunction with the phone system upgrade.

Impact on On-going Operating Costs/Personnel Requirements:

N/A

COST ANALYSIS Estimated Cash Summary					
2024	**2025**	**2026**	**2027**	**2028**	**Total**
$ 15,000	$ -	$ -	$ -	$ -	$ 15,000

GREEN BAY WATER UTILITY
CAPITAL IMPROVEMENT PLAN
PROJECT REQUEST FOR 2024 - 2028

Project Title: Phone System Replacement

Department: Administrative

Project Description & Justification:

This project was started by analyzing the needs of the Utility. The City upgraded their system a couple of years ago. We are able to partner with the City on their phone system and equipment. The phone system upgrade is needed for hardware to stay current with hardware and software technology standards. Additional features and capacity will be needed to meet the demands of our billing customers, citizens and staff. The project will be started in late 2023 and completed by first quarter of 2024.

Impact on On-going Operating Costs/Personnel Requirements:

N/A

COST ANALYSIS
Estimated Cash Summary

2024	2025	2026	2027	2028	Total
$ 50,000	$ -	$ -	$ -	$ -	$ 50,000

GREEN BAY WATER UTILITY
CAPITAL IMPROVEMENT PLAN
PROJECT REQUEST FOR 2024 - 2028

Project Title: Server Optimization Upgrades & Storage Enhancements

Department: Administrative

Project Description & Justification:

In 2024, the server room will need to be overhauled. All hardware and software will need to be replaced to increase data storage. In future years we will continue to upgrade servers to current Microsoft Operating System and upgrade and add to the hardware at the main office and filter plant based on additional building and operational needs.

Impact on On-going Operating Costs/Personnel Requirements:

N/A

COST ANALYSIS
Estimated Cash Summary

2024	2025	2026	2027	2028	Total
$ 100,000	$ 30,000	$ 30,000	$ 30,000	$ 30,000	$ 220,000

GREEN BAY WATER UTILITY
CAPITAL IMPROVEMENT PLAN
PROJECT REQUEST FOR 2024 - 2028

Project Title: Village of Pulaski Water Main

Department: Administrative

Project Description & Justification:

Contribution to construction based on Pulaski guaranteeing 0.325 MGD usage.

Impact on On-going Operating Costs/Personnel Requirements:

N/A

COST ANALYSIS Estimated Cash Summary					
2024	**2025**	**2026**	**2027**	**2028**	**Total**
$ 1,230,000	$ -	$ -	$ -	$ -	$ 1,230,000

GREEN BAY WATER UTILITY
CAPITAL IMPROVEMENT PLAN
PROJECT REQUEST FOR 2024 - 2028

Project Title: Village of Luxemburg Water Main

Department: Administrative

Project Description & Justification:

Contribution to construction based on Luxemburg guaranteeing 0.325 MGD usage.

Impact on On-going Operating Costs/Personnel Requirements:

N/A

COST ANALYSIS Estimated Cash Summary					
2024	**2025**	**2026**	**2027**	**2028**	**Total**
$ -	$ 1,230,000	$ -	$ -	$ -	$ 1,230,000

GREEN BAY WATER UTILITY
CAPITAL IMPROVEMENT PLAN
VEHICLE/EQUPMENT REPLACEMENT PROGRAM SUMMARY
2024 - 2028

2024

ID	Year	Make	Model	Department	Description	Condition	Anticipated miles/hours	Recommended Replacement	Est. Replacement Cost	Disposition
16	2019	Chev	Silverado 3500	Distribution	Crew truck*	7	53,690	55,000 miles	$85,000	Keep - Misc. Fleet
86	2005	Intl	Dump Truck	Distribution	Front line daily usage	4	129,711	100,000 miles	$185,000	Sell
98	2009	Intl	Dump Truck	Distribution	Front line daily usage	4	91,945	100,000 miles	$185,000	Sell
5	2015	Chev	Silverado 2500	Distribution	UDF/service truck	5	111,542	125,000 miles	$75,000	Keep - Misc. Fleet
61	2010	John Deere	Backhoe	Distribution	Limited usage breaker	5	8,368 hours	7,500 hours	$165,000	Sell
308	2017	Chev	Colorado	Pumping	Electrician work truck	5	113,346	125,000 miles	$75,000	Sell or keep
								TOTAL	$770,000	

2025

ID	Year	Make	Model	Department	Description	Condition	Anticipated miles/hours	Recommended Replacement	Est. Replacement Cost	Disposition
95	2009	Ford	F250	Distribution	Valve turner/service truck	6	63,949	125,000 miles	$75,000	Keep - Misc. Fleet
3	2016	Mack	Dump Truck	Distribution	Front line daily usage	6	75,900	100,000 miles	$185,000	Sell
7	2015	Cat	Backhoe	Distribution	Backhoe	5	9,408 hours	7,500 hours	$165,000	Sell
4	2015	Chev	Silverado 2500	Distribution	Locate/service truck #	5	121,000	125,000 miles	$75,000	Keep - Misc. Fleet
111	2008	Chev	2500 Van	Metering	Service van #	2	103,954	125,000 miles	$50,000	Sell or keep
113	2013	Ford	E250 Van	Metering	Service van #	4	126,383	125,000 miles	$50,000	Sell or keep
210	2009	Pont	G6	Office & Eng	IT daily usage #	5	117,885	125,000 miles	$35,000	Sell
307	2017	Chev	Colorado	Pumping	Electrician work truck	5	108,896	125,000 miles	$75,000	Sell or keep
								TOTAL	$710,000	

2026

ID	Year	Make	Model	Department	Description	Condition	Anticipated miles/hours	Recommended Replacement	Est. Replacement Cost	Disposition
18	2019	Chev	Silverado 2500	Distribution	Locate/service truck #	7	118,999	125,000 miles	$75,000	Keep - Misc. Fleet
19	2019	Ford	F350	Distribution	Crew truck*	8	51,444	55,000 miles	$85,000	Keep - Misc. Fleet
429	2013	Vermeer	LP555SDT	Distribution	Limited use vacuum excavator	6	2,012 hours	2,000 hours	$90,000	Sell
9	2016	Frtliner	Dump Truck	Distribution	Front line daily usage	7	81,280	100,000 miles	$185,000	Sell
8	2015	Cat	Backhoe	Distribution	Backhoe	5	10,700 hours	7,500 hours	$165,000	Sell
309	2018	Ford	F250	Pumping	Electrician work truck	7	98,357	125,000 miles	$80,000	Sell or keep
212	2015	Chev	Colorado	Treatment	Foreman truck #	7	107,311	125,000 miles	$55,000	Keep - Misc. Fleet
								TOTAL	$735,000	

2027

ID	Year	Make	Model	Department	Description	Condition	Anticipated miles/hours	Recommended Replacement	Est. Replacement Cost	Disposition
83	2000	GMC	Sierra 2500	Distribution	Mechanic service truck	4	91,055	125,000 miles	$80,000	Sell
64	1991	John Deere	Loader	Distribution	Yard loader	6	6,498 hours	8,000 hours	$235,000	Sell
88	2006	Chev	5500 4 x 4	Distribution	Limited use dump truck	7	40,175	100,000 miles	$100,000	Sell
11	2017	Mack	Dump Truck	Distribution	Front line daily usage	8	82,244	100,000 miles	$185,000	Sell
15	2017	Cat	Backhoe	Distribution	Backhoe	8	8,600 hours	7,500 hours	$165,000	Sell
213	2016	Chev	Colorado	Pumping	Foreman truck #	7	112,650	125,000 miles	$55,000	Keep - Misc. Fleet
								TOTAL	$820,000	

2028

ID	Year	Make	Model	Department	Description	Condition	Anticipated miles/hours	Recommended Replacement	Est. Replacement Cost	Disposition
414	2000	Simco	Drill Rig	Distribution	Limited use drill rig	7	2,071 hours	3,000 hours	$140,000	Sell
114	2013	Ford	E250 Van	Metering	Service van #	6	79,198	125,000 miles	$50,000	Sell or keep
214	2017	Dodge	Journey	Office & Eng	GM daily usage #	9	56,923	125,000 miles	$38,000	Sell
208	2006	GMC	Canyon	Office & Eng	Engineer limited usage #	6	67,180	125,000 miles	$55,000	Sell
305	2019	Chev	Equinox	Treatment	Front line daily usage #	7	155,399	150,000 miles	$38,000	Sell
								TOTAL	$321,000	

Condition 1-10 - (1 = poor, 10 = excellent)

*Crew trucks get replaced every three to five years due to essential reliability. Retired Crew trucks become miscellaneous fleet vehicles used for Distribution maintenance.

#Electric vehicle option

GREEN BAY WATER UTILITY
CAPITAL IMPROVEMENT PLAN
PROJECT REQUEST FOR 2024 - 2028

Project Title: Distribution Vehicles - 2024

Department: Distribution

Project Description & Justification:

$85,000 - Front line daily use crew truck.
#16, a 2019 Chev Silverado 3500 crew truck will remain in the fleet until it reaches its maximum service life and then be retired.

$185,000 - Front line daily use dump truck.
#86 a 2005 International dump truck will be sold.

$185,000 - Front line daily use dump truck.
#98, a 2009 International dump truck will be sold.

$75,000 - Front line daily use UDF/service truck.
#5, a 2015 Chev Silverado 2500 UDF/service truck will remain in the fleet until it reaches its maximum service life and then be retired.

$165,000 - Front line daily use backhoe.
#61, a 2010 John Deere backhoe will be sold.

Impact on On-going Operating Costs/Personnel Requirements:

The major factor for this equipment replacement is mileage and reliability (daily front line use). Given our climate, rust plays a significant role in the longevity of our vehicles/equipment. This type of maintenance is very expensive and often times doesn't last.

COST ANALYSIS
Estimated Cash Summary

2024	2025	2026	2027	2028	Total
$ 695,000	$ -	$ -	$ -	$ -	$ 695,000

GREEN BAY WATER UTILITY
CAPITAL IMPROVEMENT PLAN
PROJECT REQUEST FOR 2024 - 2028

Project Title: Distribution Vehicles - 2025

Department: Distribution

Project Description & Justification:

$75,000 - Front line daily use valve turner mounted/service truck.
#95, a 2009 Ford F250 valve turner mounted/service truck will remain in the fleet until it reaches its maximum service life and then be retired.

$185,000 - Front line daily use dump truck.
#3, a 2016 Mack dump truck will be sold.

$165,000 - Front line daily use backhoe.
#7, a 2015 Cat backhoe will be sold.

$75,000 - Front line daily use locate truck. Electric vehicle option will be evaluated.
#4, a 2015 Chevy 2500 truck will remain in the fleet until it reaches its maximum service life and then be retired.

Impact on On-going Operating Costs/Personnel Requirements:

The major factor for this equipment replacement is mileage and reliability (daily front line use). Given our climate, rust plays a significant role in the longevity of our vehicles/equipment. This type of maintenance is very expensive and often times doesn't last.

COST ANALYSIS
Estimated Cash Summary

2024	2025	2026	2027	2028	Total
$ -	$ 500,000	$ -	$ -	$ -	$ 500,000

GREEN BAY WATER UTILITY
CAPITAL IMPROVEMENT PLAN
PROJECT REQUEST FOR 2024 - 2028

Project Title: Distribution Vehicles - 2026

Department: Distribution

Project Description & Justification:

$75,000 - Front line daily use locate/service truck. Electric vehicle option will be evaluated.
#18, a 2019 Chev Silverado 2500 locate/service truck will remain in the fleet until it reaches its maximum service life and then be retired.

$85,000 - Front line daily use crew truck.
#19, a 2019 Ford F350 crew truck will remain in the fleet until it reaches its maximum service life and then be retired.

$90,000 - Limited use vacuum excavator.
#429, a 2013 Vermeer vacuum excavator will be sold.

$185,000 - Front line daily use dump truck.
#9, a 2016 Freightliner dump truck will be sold.

$165,000 - Front line daily use backhoe.
#8, a 2015 Cat backhoe will be sold.

Impact on On-going Operating Costs/Personnel Requirements:

The major factor for this equipment replacement is mileage and reliability (daily front line use). Given our climate, rust plays a significant role in the longevity of our vehicles/equipment. This type of maintenance is very expensive and often times doesn't last.

COST ANALYSIS
Estimated Cash Summary

2024	2025	2026	2027	2028	Total
$ -	$ -	$ 600,000	$ -	$ -	$ 600,000

GREEN BAY WATER UTILITY
CAPITAL IMPROVEMENT PLAN
PROJECT REQUEST FOR 2024 - 2028

Project Title: Distribution Vehicles - 2027

Department: Distribution

Project Description & Justification:

$80,000 - Limited use mechanic service truck.
#83, a 2000 GMC Sierra 2500 mechanic service truck will be sold.

$235,000 - Limited use yard loader.
#64, a 1991 John Deere loader will be sold.

$100,000 - Limited use utility small dump truck.
#88, a 2006 Chev 5500 4x4 will be sold.

$185,000 - Front line daily use dump truck.
#11, a 2017 Mack dump truck will be sold.

$165,000 - Front line daily use backhoe.
#15, a 2017 Cat backhoe will be sold.

Impact on On-going Operating Costs/Personnel Requirements:

The major factor for this equipment replacements is mileage and reliability (daily front line use). Given our climate, rust plays a significant role in the longevity of our vehicles/equipment. This type of maintenance is very expensive and often times doesn't last.

COST ANALYSIS
Estimated Cash Summary

2024	2025	2026	2027	2028	Total
$ -	$ -	$ -	$ 765,000	$ -	$ 765,000

GREEN BAY WATER UTILITY
CAPITAL IMPROVEMENT PLAN
PROJECT REQUEST FOR 2024 - 2028

Project Title: Distribution Vehicles - 2028

Department: Distribution

Project Description & Justification:

$140,000 - Limited use drill rig.
#414, a 2000 Simco drill rig will be sold.

Impact on On-going Operating Costs/Personnel Requirements:

The major factor for this equipment replacements is mileage and reliability (daily front line use). Given our climate, rust plays a significant role in the longevity of our vehicles/equipment. This type of maintenance is very expensive and often times doesn't last.

COST ANALYSIS
Estimated Cash Summary

2024	2025	2026	2027	2028	Total
$ -	$ -	$ -	$ -	$ 140,000	$ 140,000

GREEN BAY WATER UTILITY
CAPITAL IMPROVEMENT PLAN
PROJECT REQUEST FOR 2024 - 2028

Project Title: Metering & Cross Connection Vehicles - 2025

Department: Distribution

Project Description & Justification:

$50,000 - Front line daily use service van. Electric vehicle option will be evaluated.
#111, a 2008 Chev 2500 service van will be sold or remain in the fleet until it reaches its maximum service life and then be retired.

$50,000 - Front line daily use service van. Electric vehicle option will be evaluated.
#113, a 2013 Ford E250 service van will be sold or remain in the fleet until it reaches its maximum service life and then be retired.

Impact on On-going Operating Costs/Personnel Requirements:

The major factor for this equipment replacement is mileage and reliability (daily front line use). Given our climate, rust plays a significant role in the longevity of our vehicles/equipment. This type of maintenance is very expensive and often times doesn't last.

COST ANALYSIS
Estimated Cash Summary

2024	2025	2026	2027	2028	Total
$ -	$ 100,000	$ -	$ -	$ -	$ 100,000

GREEN BAY WATER UTILITY
CAPITAL IMPROVEMENT PLAN
PROJECT REQUEST FOR 2024 - 2028

Project Title: Metering & Cross Connection Vehicles - 2028

Department: Distribution

Project Description & Justification:

$50,000 - Front line daily use service van. Electric vehicle option will be evaluated.
#114, a 2013 Ford E250 service van will be sold or remain in the fleet until it reaches its maximum service life and then be retired.

Impact on On-going Operating Costs/Personnel Requirements:

The major factor for this equipment replacements is mileage and reliability (daily front line use). Given our climate, rust plays a significant role in the longevity of our vehicles/equipment. This type of maintenance is very expensive and often times doesn't last.

COST ANALYSIS
Estimated Cash Summary

2024	2025	2026	2027	2028	Total
$ -	$ -	$ -	$ -	$ 50,000	$ 50,000

GREEN BAY WATER UTILITY
CAPITAL IMPROVEMENT PLAN
PROJECT REQUEST FOR 2024 - 2028

Project Title: Office & Engineering Vehicles - 2025

Department: Distribution

Project Description & Justification:

$35,000 - Front line daily use miscellaneous transportation vehicle. Electric vehicle option will be evaluated. #210, a 2009 Pontiac G6 will be sold.

Impact on On-going Operating Costs/Personnel Requirements:

The major factor for this equipment replacement is mileage and reliability (daily front line use). Given our climate, rust plays a significant role in the longevity of our vehicles/equipment. This type of maintenance is very expensive and often times doesn't last.

COST ANALYSIS
Estimated Cash Summary

2024	2025	2026	2027	2028	Total
$ -	$ 35,000	$ -	$ -	$ -	$ 35,000

GREEN BAY WATER UTILITY
CAPITAL IMPROVEMENT PLAN
PROJECT REQUEST FOR 2024 - 2028

Project Title: Office & Engineering Vehicles - 2028

Department: Distribution

Project Description & Justification:

$38,000 - Front line daily use transportation vehicle. Electric vehicle option will be evaluated. #214, a 2017 Dodge Journey will be sold.

$55,000 - Engineering limited use vehicle. Electric vehicle option will be evaluated. #208, a 2006 GMC Canyon will be sold.

Impact on On-going Operating Costs/Personnel Requirements:

The major factor for this equipment replacements is mileage and reliability (daily front line use). Given our climate, rust plays a significant role in the longevity of our vehicles/equipment. This type of maintenance is very expensive and often times doesn't last.

COST ANALYSIS
Estimated Cash Summary

2024	2025	2026	2027	2028	Total
$ -	$ -	$ -	$ -	$ 93,000	$ 93,000

GREEN BAY WATER UTILITY
CAPITAL IMPROVEMENT PLAN
PROJECT REQUEST FOR 2024 - 2028

Project Title: Pumping Vehicles - 2024

Department: Distribution

Project Description & Justification:

$75,000 - Front line daily use electrician work truck.
#308, 2017 Chev Colorado electrician work truck will be sold or remain in the fleet until it reaches the maximum service life and then be retired.

Impact on On-going Operating Costs/Personnel Requirements:

The major factor for this equipment replacement is mileage and reliability (daily front line use). Given our climate, rust plays a significant role in the longevity of our vehicles/equipment. This type of maintenance is very expensive and often times doesn't last.

COST ANALYSIS
Estimated Cash Summary

2024	2025	2026	2027	2028	Total
$ 75,000	$ -	$ -	$ -	$ -	$ 75,000

GREEN BAY WATER UTILITY
CAPITAL IMPROVEMENT PLAN
PROJECT REQUEST FOR 2024 - 2028

Project Title: Pumping Vehicles - 2025

Department: Distribution

Project Description & Justification:

$75,000 - Front line daily use electrician work truck.
#307, 2017 Chev Colorado electrician work truck will be sold or remain in the fleet until it reaches the maximum service life and then be retired.

Impact on On-going Operating Costs/Personnel Requirements:

The major factor for this equipment replacement is mileage and reliability (daily front line use). Given our climate, rust plays a significant role in the longevity of our vehicles/equipment. This type of maintenance is very expensive and often times doesn't last.

COST ANALYSIS
Estimated Cash Summary

2024	2025	2026	2027	2028	Total
$ -	$ 75,000	$ -	$ -	$ -	$ 75,000

GREEN BAY WATER UTILITY
CAPITAL IMPROVEMENT PLAN
PROJECT REQUEST FOR 2024 - 2028

Project Title: Pumping Vehicles - 2026

Department: Distribution

Project Description & Justification:

$80,000 - Front line daily use pumping electrician work truck.
#309, a 2018 Ford F250 electrician work truck will be sold or remain in the fleet until it reaches its maximum service life and then be retired.

Impact on On-going Operating Costs/Personnel Requirements:

The major factor for this equipment replacement is mileage and reliability (daily front line use). Given our climate, rust plays a significant role in the longevity of our vehicles/equipment. This type of maintenance is very expensive and often times doesn't last.

COST ANALYSIS
Estimated Cash Summary

2024	2025	2026	2027	2028	Total
$ -	$ -	$ 80,000	$ -	$ -	$ 80,000

GREEN BAY WATER UTILITY
CAPITAL IMPROVEMENT PLAN
PROJECT REQUEST FOR 2024 - 2028

Project Title: Pumping Vehicles - 2027

Department: Distribution

Project Description & Justification:

$55,000 - Daily use foreman transportation vehicle. Electric vehicle option will be evaluated. #213, a 2016 Chev Colorado foreman truck will remain in the fleet until it reaches its maximum service life and then be retired.

Impact on On-going Operating Costs/Personnel Requirements:

The major factor for this equipment replacement is mileage and reliability (daily front line use). Given our climate, rust plays a significant role in the longevity of our vehicles/equipment. This type of maintenance is very expensive and often times doesn't last.

COST ANALYSIS
Estimated Cash Summary

2024	2025	2026	2027	2028	Total
$ -	$ -	$ -	$ 55,000	$ -	$ 55,000

GREEN BAY WATER UTILITY
CAPITAL IMPROVEMENT PLAN
PROJECT REQUEST FOR 2024 - 2028

Project Title: Treatment Vehicles - 2026

Department: Distribution

Project Description & Justification:

$55,000 - Daily use foreman transportation vehicle. Electric vehicle option will be evaluated. #212, a 2015 Chev Colorado foreman truck will remain in the fleet until it reaches its maximum service life and then be retired.

Impact on On-going Operating Costs/Personnel Requirements:

The major factor for this equipment replacement is mileage and reliability (daily front line use). Given our climate, rust plays a significant role in the longevity of our vehicles/equipment. This type of maintenance is very expensive and often times doesn't last.

COST ANALYSIS Estimated Cash Summary					
2024	**2025**	**2026**	**2027**	**2028**	**Total**
$ -	$ -	$55,000	$ -	$ -	$ 55,000

GREEN BAY WATER UTILITY
CAPITAL IMPROVEMENT PLAN
PROJECT REQUEST FOR 2024 - 2028

Project Title: Treatment Vehicles - 2028

Department: Distribution

Project Description & Justification:

$38,000 - Front line daily use transportation vehicle. Electric vehicle option will be evaluated. #305, a 2019 Chev Equinox will be sold.

Impact on On-going Operating Costs/Personnel Requirements:

The major factor for this equipment replacements is mileage and reliability (daily front line use). Given our climate, rust plays a significant role in the longevity of our vehicles/equipment. This type of maintenance is very expensive and often times doesn't last.

COST ANALYSIS
Estimated Cash Summary

2024	2025	2026	2027	2028	Total
$ -	$ -	$ -	$ -	$ 38,000	$ 38,000

GREEN BAY WATER UTILITY
CAPITAL IMPROVEMENT PLAN
PROJECT REQUEST FOR 2024 - 2028

Project Title: Small Equipment

Department: Distribution

Project Description & Justification:

This request is for the purchase of equipment for new vehicle set up and new or replacement equipment ranging in price from $500 - $10,000. Examples include generators, pipe saws, gas and electric pumps, valve operators, trench compactors, inspection cameras, pipe tapping machines, pipe tapping motors, welders, electronic leak detection equipment, GPS locating equipment and torch kits.
The major factor for these equipment replacements is maintenance and reliability (daily front line use).

Impact on On-going Operating Costs/Personnel Requirements:

N/A

COST ANALYSIS
Estimated Cash Summary

2024	2025	2026	2027	2028	Total
$ 25,000	$ 25,000	$ 25,000	$ 25,000	$ 25,000	$ 125,000

GREEN BAY WATER UTILITY
CAPITAL IMPROVEMENT PLAN
PROJECT REQUEST FOR 2024 - 2028

Project Title: Small Safety Equipment

Department: Distribution

Project Description & Justification:

This request is for the replacement of safety equipment ranging in price from $500 - $10,000. Examples would be trench shields, air shores, fin form trench wall plates, large steel shoring plates, davit systems for confined space entry/exit, oxygen monitors and ventilators. The major factor for these equipment replacements is maintenance and reliability (daily front line use).

Impact on On-going Operating Costs/Personnel Requirements:

N/A

COST ANALYSIS
Estimated Cash Summary

2024	2025	2026	2027	2028	Total
$ 10,000	$ 10,000	$ 10,000	$ 10,000	$ 10,000	$ 50,000

GREEN BAY WATER UTILITY
CAPITAL IMPROVEMENT PLAN
PROJECT REQUEST FOR 2024 - 2028

Project Title: Water Utility Installs of Services, Hydrants, Valves & Mains

Department: Distribution

Project Description & Justification:

Water Utility stand alone installations of services, hydrants & valves along with replacement of mains due to repairs.

Impact on On-going Operating Costs/Personnel Requirements:

N/A

COST ANALYSIS
Estimated Cash Summary

2024	2025	2026	2027	2028	Total
$ 750,000	$ 750,000	$ 750,000	$ 750,000	$ 750,000	$ 3,750,000

GREEN BAY WATER UTILITY
CAPITAL IMPROVEMENT PLAN
PROJECT REQUEST FOR 2024 - 2028

Project Title: 36-Inch Transmission Main Segment Replacements

Department: Engineering

Project Description & Justification:

Replace the pipe segments on the 36" Transmission Mains that were identified with wire breaks from the PipeDiver analysis. Replace the 9 pipe segments with broken wires along Finger Road and the 2 pipe segments along Grandview Road in 2025.

Impact on On-going Operating Costs/Personnel Requirements:

N/A

COST ANALYSIS
Estimated Cash Summary

2024	2025	2026	2027	2028	Total
$ 400,000	$ 100,000	$ -	$ -	$ -	$ 500,000

GREEN BAY WATER UTILITY
CAPITAL IMPROVEMENT PLAN
PROJECT REQUEST FOR 2024 - 2028

Project Title: Cityworks Upgrade & Implementation

Department: Engineering

Project Description & Justification:

Upgrade is needed for 2025 because Cityworks software is moving to a different platform and will not be supported any longer. This also includes consultant costs for Cityworks yearly updates & assistance through Power Engineers.

Impact on On-going Operating Costs/Personnel Requirements:

N/A

COST ANALYSIS
Estimated Cash Summary

2024	2025	2026	2027	2028	Total
$ 30,000	$ 100,000	$ 50,000	$ 20,000	$ 20,000	$ 220,000

GREEN BAY WATER UTILITY
CAPITAL IMPROVEMENT PLAN
PROJECT REQUEST FOR 2024 - 2028

Project Title: GIS (ESRI) Upgrade & Implementation

Department: Engineering

Project Description & Justification:

Upgrade is needed for 2024 because ESRI software is moving to a different platform and our GIS would not be supported any longer. This also includes consultant costs for GIS yearly updates.

Impact on On-going Operating Costs/Personnel Requirements:

N/A

COST ANALYSIS
Estimated Cash Summary

2024	2025	2026	2027	2028	Total
$ 150,000	$ 30,000	$ 50,000	$ 10,000	$ 10,000	$ 250,000

GREEN BAY WATER UTILITY
CAPITAL IMPROVEMENT PLAN
PROJECT REQUEST FOR 2024 - 2028

Project Title: Water Main Relays - 2024

Department: Engineering

Project Description & Justification:

Relays on Resurfacing Streets:
8th Street - $270,000
Baird Street - $110,000
Biemeret Street - $240,000
Crooks Street - $180,000
Deckner Avenue - $160,000
Ethel Avenue - $290,000
Foeller Drive - $200,000
Grognet Street - $110,000
Henry Street - $290,000
Hudson Street - $330,000
Langlade Avenue - $160,000
Lincoln Street - $130,000
Reber Street - $160,000
Roscoe Street - $330,000

Relays on Reconstructed Streets:
Country Club Road - $1,060,000
Finger Road - $300,000
Howard Street - $140,000
Maple Avenue - $110,000
Oakland Avenue - $220,000
School Place - $270,000

Total Footage = 22,000 Feet / 4.17 Miles

Impact on On-going Operating Costs/Personnel Requirements:

N/A

COST ANALYSIS
Estimated Cash Summary

2024	2025	2026	2027	2028	Total
$ 5,060,000	$ -	$ -	$ -	$ -	$ 5,060,000

GREEN BAY WATER UTILITY
CAPITAL IMPROVEMENT PLAN
PROJECT REQUEST FOR 2024 - 2028

Project Title: Water Main Relays - 2025

Department: Engineering

Project Description & Justification:

Relays on Resurfacing Streets:
Amy Street - $220,000
Berger Street - $130,000
Biemeret Street - $490,000
Briquelet Street - $350,000
Cedar Street - $220,000
Clayton Place - $200,000
Deschane Place - $240,000
Frank Street - $70,000
Oak Grove Avenue - $290,000
Park Street - $510,000
Parkwood Court - $70,000
Rutgers Street - $90,000
Schoen Street - $220,000
Servais Street - $400,000
Steven Street - $350,000
Wegner Street - $70,000

Relays on Reconstructed Streets:
Arndt Street - $110,000
Elmore Street - $1,350,000
Hinkle Street - $130,000
Irwin Avenue - $80,000
Maple Avenue - $380,000
St. Clair Street - $460,000
Spring Street - $80,000

Total Footage = 27,200 Feet / 5.15 Miles

Impact on On-going Operating Costs/Personnel Requirements:

N/A

COST ANALYSIS
Estimated Cash Summary

2024	2025	2026	2027	2028	Total
$ -	$ 6,510,000	$ -	$ -	$ -	$ 6,510,000

GREEN BAY WATER UTILITY
CAPITAL IMPROVEMENT PLAN
PROJECT REQUEST FOR 2024 - 2028

Project Title: Water Main Relays - 2026

Department: Engineering

Project Description & Justification:

Relays on Resurfacing Streets:
14th Avenue - $420,000
Alvina Street - $200,000
Bond Street - $130,000
Bretcoe Drive - $200,000
Grouse Court - $70,000
Hillside Lane - $330,000
Irene Street - $90,000
Minor Court - $200,000
Morning Star Court - $50,000
Neufeld Street - $350,000
Raymond Street - $310,000
Rosalie Lane - $220,000
Rufffed Court - $70,000
Skyline Boulevard - $70,000
Skyline Boulevard(ES) - $220,00
Skyline Boulevard(WS) - $110,000
Spence Street - $620,000
Woodruff Court - $70,000

Relays on Reconstructed Streets:
13th Avenue - $570,000
Chicago Street - $80,000
Division Street - $250,000
Hinkle Street - $410,000
Maple Avenue - $190,000
Mather Street - $1,300,000

Total Footage = 25,700 Feet / 4.87 Miles

Impact on On-going Operating Costs/Personnel Requirements:

N/A

COST ANALYSIS
Estimated Cash Summary

2024	2025	2026	2027	2028	Total
$ -	$ -	$ 6,530,000	$ -	$ -	$ 6,530,000

GREEN BAY WATER UTILITY
CAPITAL IMPROVEMENT PLAN
PROJECT REQUEST FOR 2024 - 2028

Project Title: Water Main Relays - 2027

Department: Engineering

Project Description & Justification:

Relays on Resurfacing Streets:
Alpine Drive - $180,000
Columbia Avenue - $460,000
Eastview Drive - $200,000
Lost Lane - $200,000
Minahan Street - $130,000
Park Street - $110,000
Royal Boulevard - $270,000
Royal Boulevard - $110,000
Schwartz Street - $200,000

Relays on Reconstructed Streets:
13th Avenue - $870,000
Congress Street - $110,000
Emilie Street - $350,000

Total Footage = 13,300 Feet / 2.52 Miles

Impact on On-going Operating Costs/Personnel Requirements:

N/A

COST ANALYSIS
Estimated Cash Summary

2024	2025	2026	2027	2028	Total
$ -	$ -	$ -	$ 3,190,000	$ -	$ 3,190,000

GREEN BAY WATER UTILITY
CAPITAL IMPROVEMENT PLAN
PROJECT REQUEST FOR 2024 - 2028

Project Title: Water Main Relays - 2028

Department: Engineering

Project Description & Justification:

Relays on Resurfacing Streets:
Alrose Street - $130,000
Crest Lane - $240,000
Erma Drive - $110,000
Goodell Street - $130,000
Langlade Avenue - $330,000
Maryhill Drive - $250,000
Newberry Avenue - $310,000
Ruffed Court - $50,000
Russell Street - $220,000
St. Lawrence Drive - $240,000
Waverly Place - $130,000

Relays on Reconstructed Streets:
Chestnut Avenue - $190,000
Chicago Street - $350,000
Christiana Street - $270,000
Clay Street - $1,150,000
Quincy Street - $930,000

Total Footage = 19,400 Feet / 3.67 Miles

Impact on On-going Operating Costs/Personnel Requirements:

N/A

COST ANALYSIS
Estimated Cash Summary

2024	2025	2026	2027	2028	Total
$ -	$ -	$ -	$ -	$ 5,030,000	$ 5,030,000

GREEN BAY WATER UTILITY
CAPITAL IMPROVEMENT PLAN
PROJECT REQUEST FOR 2024 - 2028

Project Title: Meter Replacement

Department: Metering & Cross Connection

Project Description & Justification:

Meters are replaced every year according to PSC guidelines. The following is a listing of the number of meters and MTUs that will be purchased each year (including labor):

2024: Meters - 1,778 MTUs - 500
2025: Meters - 500 MTUs - 1,300
2026: Meters - 1,400 MTUs - 1,500
2027: Meters - 2,000 MTUs - 1,500
2028: Meters - 2,500 MTUs - 2,200

Impact on On-going Operating Costs/Personnel Requirements:

N/A

COST ANALYSIS
Estimated Cash Summary

2024	2025	2026	2027	2028	Total
$ 320,000	$ 365,500	$ 473,000	$ 556,000	$ 707,000	$ 2,421,500

GREEN BAY WATER UTILITY
CAPITAL IMPROVEMENT PLAN
PROJECT REQUEST FOR 2024 - 2028

Project Title: Chlorine System Upgrade at Lake Station

Department: Pumping

Project Description & Justification:

This project would take the current system and replace it with the current best practice. All chlorine gas will be in one building including the injection point. This would include moving equipment from the pump station to the chlorine building, adding an additional room inside the chlorine building, and burying new water supply and solution delivery lines between the buildings. This will improve safety of the current dated system by eliminating the long run of vacuum pipe filled with gaseous chlorine and the gas injection point located in the pump station.

Impact on On-going Operating Costs/Personnel Requirements:

N/A

COST ANALYSIS
Estimated Cash Summary

2024	2025	2026	2027	2028	Total
$ 180,000	$ -	$ -	$ -	$ -	$ 180,000

GREEN BAY WATER UTILITY
CAPITAL IMPROVEMENT PLAN
PROJECT REQUEST FOR 2024 - 2028

Project Title: Generator Addition at Lake Station

Department: Pumping

Project Description & Justification:

Install an additional generator including switch gear and accommodating structure at the Lake Station.
Associated engineering work for preparation of plans and specifications to occur in 2023. The reason for the costs spreading over 3 years is that this would potentially go out for bid spring of 2024 with long lead times up to 24 months on some components. Some other work, site prep, and other items will most likely happen in 2025.

Impact on On-going Operating Costs/Personnel Requirements:

Would allow us to run more pumps, improve efficiency and provide greater reliability. This would also bring safer electrical equipment to the generator switchgear and change to a more common voltage.

COST ANALYSIS
Estimated Cash Summary

2024	2025	2026	2027	2028	Total
$ 1,000,000	$ 4,000,000	$ 5,950,000	$ -	$ -	$ 10,950,000

GREEN BAY WATER UTILITY
CAPITAL IMPROVEMENT PLAN
PROJECT REQUEST FOR 2024 - 2028

Project Title: Radio Replacement

Department: Pumping

Project Description & Justification:

Replace outdated data radios at all sites with new radios, antennas and cabling. Radios are obsolete and only one company will fix our existing ones. This will also set the stage for PLC replacement at all sites with the new radios having ethernet connections.

Impact on On-going Operating Costs/Personnel Requirements:

N/A

COST ANALYSIS
Estimated Cash Summary

2024	2025	2026	2027	2028	Total
$ 150,000	$ -	$ -	$ -	$ -	$ 150,000

GREEN BAY WATER UTILITY
CAPITAL IMPROVEMENT PLAN
PROJECT REQUEST FOR 2024 - 2028

Project Title: Vault Replacement - Hwy 54/57

Department: Pumping

Project Description & Justification:

The recently abandoned in place Bay Highlands vault will be removed from its existing location, refurbished and relocated near the Hwy 54/57 well. This relocated vault will replace the existing Hwy 54/57 vault, which is outdated, too small to make upgrades or repairs and is a safety concern being located right off the edge of the highway.

Impact on On-going Operating Costs/Personnel Requirements:

The new vault will allow us to meter & track water entering the Bader Pressure Zone. We will also be able to perform maintenance with only one employee instead of the two we previously had to send out.

COST ANALYSIS Estimated Cash Summary					
2024	**2025**	**2026**	**2027**	**2028**	**Total**
$ 90,000	$ -	$ -	$ -	$ -	$ 90,000

GREEN BAY WATER UTILITY
CAPITAL IMPROVEMENT PLAN
PROJECT REQUEST FOR 2024 - 2028

Project Title: PLC Replacement - All Stations

Department: Pumping

Project Description & Justification:

Replace Programmable Logic Controller Systems (PLCs) at all stations. A large number of the current PLCs are over 20 years old and no longer supported. The newer units will ensure replacement parts will be available. Communication to these sites is critical and without the PLC we will not have data, operation nor communication at these sites.

Impact on On-going Operating Costs/Personnel Requirements:

Our pumping staff will be assisting with the installation of the new PLCs to offset vendor cost.

COST ANALYSIS
Estimated Cash Summary

2024	2025	2026	2027	2028	Total
$ -	$ 300,000	$ -	$ -	$ -	$ 300,000

GREEN BAY WATER UTILITY
CAPITAL IMPROVEMENT PLAN
PROJECT REQUEST FOR 2024 - 2028

Project Title: Water Tower - Bader Zone

Department: Pumping

Project Description & Justification:

Install 1 million gallon water tower in Bader zone. Includes the purchase of land and engineering in 2026.

Impact on On-going Operating Costs/Personnel Requirements:

N/A

COST ANALYSIS
Estimated Cash Summary

2024	2025	2026	2027	2028	Total
$ -	$ -	$ 300,000	$ 5,300,000	$ -	$ 5,600,000

GREEN BAY WATER UTILITY
CAPITAL IMPROVEMENT PLAN
PROJECT REQUEST FOR 2024 - 2028

Project Title: Corrosion Control Upgrade

Department: Treatment

Project Description & Justification:

Install new chemical feed system from the results of the pilot plant study. Anticipate this to include chemical day and bulk tanks, metering pumps, containment system, etc. Depending on size of equipment a small addition to the facility might be needed. Engineering for the project is planned for 2024 and installation in 2025.

Impact on On-going Operating Costs/Personnel Requirements:

There will be an on-going chemical cost and maintenance costs for pumps, tanks, etc.

COST ANALYSIS
Estimated Cash Summary

2024	2025	2026	2027	2028	Total
$ 100,000	$ 600,000	$ -	$ -	$ -	$ 700,000

GREEN BAY WATER UTILITY
CAPITAL IMPROVEMENT PLAN
PROJECT REQUEST FOR 2024 - 2028

Project Title: Insertion Mag Meters

Department: Treatment

Project Description & Justification:

An evaluation of existing equipment, conditions and replacement options was performed in 2022. Engineering costs for installation of new insertion mag meters into finished water transmission lines and possible direct purchase of meters will be incurred in 2023. The existing finished water vaults will not allow installation of new equipment. The existing vaults will either need to be renovated or possibly new can style vaults installed. Replace existing finished water venturi meters with insertion mag meters in 2024.

Impact on On-going Operating Costs/Personnel Requirements:

N/A

COST ANALYSIS Estimated Cash Summary					
2024	**2025**	**2026**	**2027**	**2028**	**Total**
$ 325,000	$ -	$ -	$ -	$ -	$ 325,000

GREEN BAY WATER UTILITY
CAPITAL IMPROVEMENT PLAN
PROJECT REQUEST FOR 2024 - 2028

Project Title: Lab Equipment

Department: Treatment

Project Description & Justification:

As we continue to expand our lab capabilities we need to purchase new lab equipment.

Impact on On-going Operating Costs/Personnel Requirements:

No new personnel will be needed, but there will most likely be additional operating costs such as equipment maintenance, reagents, etc.

COST ANALYSIS Estimated Cash Summary					
2024	**2025**	**2026**	**2027**	**2028**	**Total**
$ 40,000	$ 40,000	$ 40,000	$ 40,000	$ 40,000	$ 200,000

GREEN BAY WATER UTILITY
CAPITAL IMPROVEMENT PLAN
PROJECT REQUEST FOR 2024 - 2028

Project Title: SCADA Software Upgrade

Department: Treatment

Project Description & Justification:

The filter plant and distribution system Supervisory Control and Data Acquisition (SCADA) will need to be upgraded with new hardware and software. The last upgrade was in 2014/15. This would include 11 computers, 19 monitors and 4 printers.

Impact on On-going Operating Costs/Personnel Requirements:

N/A

COST ANALYSIS
Estimated Cash Summary

2024	2025	2026	2027	2028	Total
$ 200,000	$ -	$ -	$ -	$ -	$ 200,000

GREEN BAY WATER UTILITY
CAPITAL IMPROVEMENT PLAN
PROJECT REQUEST FOR 2024 - 2028

Project Title: Filter Media

Department: Treatment

Project Description & Justification:

We will most likely need to add additional filter media in the form of anthracite to each filter. Over time, media is lost from each filter primarily during the filter back wash process.

Impact on On-going Operating Costs/Personnel Requirements:

I do not anticipate any additional costs.

COST ANALYSIS Estimated Cash Summary					
2024	**2025**	**2026**	**2027**	**2028**	**Total**
$ -	$ 300,000	$ -	$ -	$ -	$ 300,000

GREEN BAY WATER UTILITY
CAPITAL IMPROVEMENT PLAN
PROJECT REQUEST FOR 2024 - 2028

Project Title: Lab Addition

Department: Treatment

Project Description & Justification:

The upgrade/expansion of the lab will allow for more in house testing of water quality parameters with the goal of achieving improved finished water quality.

Impact on On-going Operating Costs/Personnel Requirements:

There will be additional on-going operating costs for such things as lab equipment maintenance, lab supplies, etc.

COST ANALYSIS Estimated Cash Summary					
2024	**2025**	**2026**	**2027**	**2028**	**Total**
$ -	$ 550,000	$ -	$ -	$ -	$ 550,000

GREEN BAY WATER UTILITY
CAPITAL IMPROVEMENT PLAN
PROJECT REQUEST FOR 2024 - 2028

Project Title: Diesel Generator Replacement

Department: Treatment

Project Description & Justification:

The 650 KW diesel generator at the filter plant that provides backup to the ozone facility is approaching 21 years old and needs to be replaced.

Impact on On-going Operating Costs/Personnel Requirements:

I do not anticipate any impact on operating costs and no additional personnel required.

COST ANALYSIS Estimated Cash Summary					
2024	**2025**	**2026**	**2027**	**2028**	**Total**
$ -	$ -	$ 375,000	$ -	$ -	$ 375,000

GREEN BAY WATER UTILITY
CAPITAL IMPROVEMENT PLAN
PROJECT REQUEST FOR 2024 - 2028

Project Title: Residuals Management Project

Department: Treatment

Project Description & Justification:

Implement recommendations from the residuals management study that was performed in 2021. This may include the construction of a sanitary sewer, organic removal treatment process or other residuals treatment that will allow for disposal of any solids/sludge that are produced during the treatment process.
This new disposal method will help reduce the amount of concentrated organics that are currently being recycled to the head of the plant. This means a reduction in organics that need to be removed from the water and improved water quality.

Impact on On-going Operating Costs/Personnel Requirements:

There could be additional operating costs, specifically for sending this waste to NEW Water.

COST ANALYSIS
Estimated Cash Summary

2024	2025	2026	2027	2028	Total
$ -	$ -	$ -	$ 6,000,000	$ -	$ 6,000,000

GREEN BAY WATER UTILITY
CAPITAL IMPROVEMENT PLAN - SIGNIFICANT OPERATING AND MAINTENANCE EXPENSES
2024-2028

Page	Project	Dept.	2024	2025	2026	2027	2028	Total
54	Huron Tank Overcoat	Pumping	$ 330,000	$ -	$ -	$ -	$ -	$ 330,000
55	Abandon Highway B Booster	Pumping	-	500,000	-	-	-	500,000
56	Quincy Tank Overcoat	Pumping	-	-	-	270,000	-	270,000
57	Filter Plant 500,000 Gallon Tank Overcoat	Treatment	-	350,000	-	-	-	350,000
58	Sludge Lagoon Dredging #2	Treatment	-	-	-	500,000	-	500,000
	Total Project Costs		$ 330,000	$ 850,000	$ -	$ 770,000	$ -	$ 1,950,000
	Funding Sources:							
	Water User Fees		$ 330,000	$ 850,000	$ -	$ 770,000	$ -	$ 1,950,000
	Revenue Bonds/State Trust Fund Loans		-	-	-	-	-	-
	Total Funding Sources		$ 330,000	$ 850,000	$ -	$ 770,000	$ -	$ 1,950,000

GREEN BAY WATER UTILITY
CAPITAL IMPROVEMENT PLAN - OPERATING AND MAINTENANCE EXPENSES
PROJECT REQUEST FOR 2024 - 2028

Project Title: Huron Tank Overcoat

Department: Pumping

Project Description & Justification:

This would include a cleaning and overcoat on the exterior of the Huron Tank. It is also recommended to spot clean and recoat the dry interior platforms. We would also perform any WDNR code compliance updates as recommended. Overcoating the tank will extend the life of the existing paint system by 30 years.

Impact on On-going Operating Costs/Personnel Requirements:

This project would require a drain down of the tank for approximately 4-6 weeks.

COST ANALYSIS
Estimated Cash Summary

2024	2025	2026	2027	2028	Total
$ 330,000	$ -	$ -	$ -	$ -	$ 330,000

GREEN BAY WATER UTILITY
CAPITAL IMPROVEMENT PLAN - OPERATING AND MAINTENANCE EXPENSES
PROJECT REQUEST FOR 2024 - 2028

Project Title: Abandon Highway B Booster

Department: Pumping

Project Description & Justification:

Abandon Highway B booster including the reservoir.

Impact on On-going Operating Costs/Personnel Requirements:

Lower maintenance costs and streamline pumping operations.

COST ANALYSIS
Estimated Cash Summary

2024	2025	2026	2027	2028	Total
$ -	$ 500,000	$ -	$ -	$ -	$ 500,000

GREEN BAY WATER UTILITY
CAPITAL IMPROVEMENT PLAN - OPERATING AND MAINTENANCE EXPENSES
PROJECT REQUEST FOR 2024 - 2028

Project Title: Quincy Tank Overcoat

Department: Pumping

Project Description & Justification:

This would include a cleaning and overcoat on the exterior of the Quincy Tank. It is also recommended to spot clean and recoat the dry interior platforms. We would also perform any WDNR code compliance updates as recommended. Overcoating the tank will extend the life of the existing paint system by 30 years.

Impact on On-going Operating Costs/Personnel Requirements:

This project would require a drain down of the tank for approximately 4-6 weeks.

COST ANALYSIS
Estimated Cash Summary

2024	2025	2026	2027	2028	Total
$ -	$ -	$ -	$ 270,000	$ -	$ 270,000

GREEN BAY WATER UTILITY
CAPITAL IMPROVEMENT PLAN - OPERATING AND MAINTENANCE EXPENSES
PROJECT REQUEST FOR 2024 - 2028

Project Title: Filter Plant 500,000 Gallon Tank Overcoat

Department: Treatment

Project Description & Justification:

The 500,000 gallon elevated tank at the filter plant will need to be overcoated.
The tank was constructed in 2006 and has not been painted since. Overcoating the tank should extend the life of the existing paint 10 to 15 years.

Impact on On-going Operating Costs/Personnel Requirements:

I do not anticipate any impact on operating costs and no additional personnel are required.

COST ANALYSIS
Estimated Cash Summary

2024	2025	2026	2027	2028	Total
$ -	$ 350,000	$ -	$ -	$ -	$ 350,000

GREEN BAY WATER UTILITY
CAPITAL IMPROVEMENT PLAN - OPERATING AND MAINTENANCE EXPENSES
PROJECT REQUEST FOR 2024 - 2028

Project Title: Sludge Lagoon #2 (North Lagoon) Dredging

Department: Treatment

Project Description & Justification:

Sludge lagoon #2 will be dredged and the solids land applied. Solids from the treatment process are drained from settling tanks to the lagoon every spring and fall. The solids accumulate in the lagoon and it must be dredged so more solids can be added. This is a project that happens every 5 to 7 years per lagoon.

Impact on On-going Operating Costs/Personnel Requirements:

N/A

COST ANALYSIS
Estimated Cash Summary

2024	2025	2026	2027	2028	Total
$ -	$ -	$ -	$ 500,000	$ -	$ 500,000

GREEN BAY WATER
CASH POSITION
September 30, 2022 & 2023

	9/30/2022	9/30/2023
UNRESTRICTED CURRENT ASSETS		
Cash & Investments - Operation & Maintenance		
Local Govt. Investment Pool	$ 104,624	$ 109,501
Associated Bank Checking	11,017,048	11,572,256
Working Cash Funds - Petty Cash	1,700	1,700
Total Cash & Investments - Operation & Maintenance	11,123,372	11,683,457
RESTRICTED CURRENT ASSETS		
Cash & Investments - Restricted		
Certificates of Deposit - Bond Redemption	4,435,000	4,427,000
Associated Bank Money Market Account - Bond Redemption	19,911	4,631
Associated Bank Checking - Private Service Replacement	445,762	-
Local Govt. Investment Pool - Construction Fund	175,900	-
Total Cash & Investments - Restricted	5,076,573	4,431,631
RESTRICTED LONG-TERM ASSETS		
Cash & Investments - Debt Reserve		
Associated Trust Money Market	77,107	44,064
Associated Trust Certificates of Deposit	473,205	471,435
Associated Trust Municipal Bonds	5,498,064	6,015,812
Total Cash & Investments - Debt Reserve	6,048,376	6,531,311
TOTAL CASH POSITION	$ 22,248,321	$ 22,646,399

GREEN BAY WATER

BALANCE SHEET

September 30, 2022 & 2023

	AS OF 9/30/2022	AS OF 9/30/2023
ASSETS		
Current Assets		
Unrestricted Current Assets		
Cash & Investments - Operating & Maintenance	$ 11,123,372	$ 11,683,457
Accounts Receivable - Customer Accounts	12,156,780	12,126,991
Inventories	489,355	746,204
Prepaid Items	85,839	101,618
Total Unrestricted Current Assets	23,855,346	24,658,270
Restricted Current Assets		
Cash & Investments - Bond Redemption Fund	4,454,911	4,431,631
Interest Receivable	5,248	64,217
Cash & Investments - Private Service Replacement Fund	445,762	-
Accounts Receivable - Grants	8,900	-
Total Restricted Current Assets	4,914,821	4,495,848
Total Current Assets	28,770,167	29,154,118
Noncurrent Assets		
Restricted Assets		
Cash & Investments - Debt Reserve Fund	6,048,376	6,531,311
Accrued Interest	48,880	56,869
Cash & Investments - Construction Fund	175,900	-
Net Pension Asset	1,675,610	2,127,002
Total Restricted Assets	7,948,766	8,715,182
Other Assets		
Unamortized Ashwaubenon Booster	1,150,216	1,018,763
Unamortized Wrightstown Grant	419,363	387,713
Total Other Assets	1,569,579	1,406,476
Capital Assets		
Property, Plant & Equipment	243,482,320	254,720,802
Less: Accumulated Depreciation	(102,102,030)	(107,277,815)
Net Property, Plant & Equipment	141,380,290	147,442,987
Construction in Progress	6,628,699	2,024,714
Total Capital Assets	148,008,989	149,467,701
Total Noncurrent Assets	157,527,334	159,589,359
TOTAL ASSETS	186,297,501	188,743,477
DEFERRED OUTFLOWS OF RESOURCES		
Unamortized Loss on Advanced Refunding	378,222	220,770
Deferred Outflows - Pension	2,132,984	4,737,486
Total Deferred Outflows of Resources	2,511,206	4,958,256

GREEN BAY WATER
BALANCE SHEET
September 30, 2022 & 2023

	AS OF 9/30/2022	AS OF 9/30/2023
LIABILITIES		
Current Liabilities		
Accounts Payable	$ 166,078	$ 19,232
Sewer Collections Payable	6,332,621	6,854,122
Storm Water Collections Payable	2,966,578	3,164,413
Accrued Payroll Taxes	98,691	88,289
Accrued Payroll, Vacation & Sick Leave Pay	260,631	271,537
Accrued Taxes	1,842,896	1,775,361
Payable from Restricted Assets		
Current Portion of Long - Term Debt	4,205,000	4,305,000
Accrued Interest	625,597	583,370
Total Current Liabilities	16,498,092	17,061,324
Long - term Obligations, Less Current Portion		
Revenue Bonds - Net of Premiums & Discounts	42,588,155	37,844,599
Accrued Vacation & Sick Leave Pay	264,364	132,004
Total Current Liabilities	42,852,519	37,976,603
TOTAL LIABILITIES	59,350,611	55,037,927
DEFERRED INFLOWS OF RESOURCES		
Deferred Inflows - Pension	3,041,600	5,627,565
NET POSITION		
Contributed Capital - City of Green Bay	736,907	744,232
Net Investment in Capital Assets	101,594,055	107,538,872
Restricted	12,062,090	12,627,660
Unrestricted	12,023,443	12,125,478
TOTAL NET POSITION	$ 126,416,495	$ 133,036,242

GREEN BAY WATER

Statement of Revenues, Expenses and Changes in Net Position
Month Ended September 30, 2022 and 2023

	9/30/22	9/30/23
OPERATING REVENUES		
Charges for services	$ 17,858,681	$ 17,676,813
Other	1,294,649	1,392,311
Total operating revenues	19,153,330	19,069,124
OPERATING EXPENSES		
Operation and maintenance	9,200,427	8,533,956
Depreciation	3,623,211	3,697,857
Total operating expenses	12,823,638	12,231,813
Operating income	6,329,692	6,837,311
NONOPERATING REVENUES (EXPENSES)		
Interest income	(138,269)	652,856
Grant revenue	560,062	712,142
Miscellaneous income	237,339	250,989
Interest and fiscal charges	(1,126,075)	(1,050,066)
Amortization of debt premium net of discounts	339,570	339,570
Amortization of loss on advance refundings	(128,742)	(128,742)
Total nonoperating revenues (expenses)	(256,115)	776,749
Income before contributions and transfers	6,073,577	7,614,060
Capital contributions	21,153	42,487
Transfers out - tax equivalent	(2,078,722)	(2,023,046)
Change in net position	4,016,008	5,633,501
Net position - January 1	122,400,486	127,402,741
Net position -September 30	$ 126,416,494	$ 133,036,242

GREEN BAY WATER
SEPTEMBER 2023 REVENUE BUDGET REPORT

FOR 2023 09

ACCOUNTS FOR: 610 WATER UTILITY	ORIGINAL APPROP	TRANFRS/ ADJSTMTS	REVISED BUDGET	YTD REVENUE		AVAILABLE BUDGET	PCT USED	
415000 MERCH & JOBBING REV	293,500	0	293,500	220,174.57	.00	73,325.43	75.0%	
419900 INT INCOME-OPER FUND	40,000	0	40,000	428,091.15	.00	-388,091.15	1070.2%	
419904 INT INC-CONST FUND	0	0	0	8.93	.00	-8.93	100.0%	
419911 INT INC-BOND REDEMPTION	5,000	0	5,000	73,293.96	.00	-68,293.96	1465.9%	
419920 INT INC-DEBT RESERVE	145,000	0	145,000	135,870.09	.00	9,129.91	93.7%	
419925 UNREALIZED GAIN/LOSS DEBT RE	-150,000	0	-150,000	15,591.96	.00	-165,591.96	-10.4%	
420000 GRANT REVENUE	0	0	0	712,141.93	.00	-712,141.93	100.0%	(1)
421000 MISC NON-OPERATING INC	300,000	0	300,000	35,161.75	.00	264,838.25	11.7%	
429440 AMORT PREM-GB-2004	124,305	0	124,305	93,229.02	.00	31,075.98	75.0%	
429443 AMORT PREM ASH-2004	12,625	0	12,625	9,468.72	.00	3,156.28	75.0%	
429460 AMORT PREM-GB-2014	82,167	0	82,167	61,625.16	.00	20,541.84	75.0%	
429463 AMORT PREM-ASH-2014	8,345	0	8,345	6,258.87	.00	2,086.13	75.0%	
429470 AMORT PREM-GB-2019	313,470	0	313,470	235,102.77	.00	78,367.23	75.0%	
429473 AMORT PREM-ASH-2019	31,837	0	31,837	23,878.08	.00	7,958.92	75.0%	
429480 AMORT PREM-GB-2021	16,940	0	16,940	12,705.03	.00	4,234.97	75.0%	
461508 METERED RESIDENTIAL	5,175,000	0	5,175,000	3,925,105.21	.00	1,249,894.79	75.8%	
461558 METERED COMMERCIAL	2,100,000	0	2,100,000	1,539,557.49	.00	560,442.51	73.3%	
461608 METERED INDUSTRIAL	6,850,000	0	6,850,000	4,883,987.40	.00	1,966,012.60	71.3%	
461658 METERED APARTMENT < 3 UNITS	2,320,000	0	2,320,000	1,690,347.23	.00	629,652.77	72.9%	
461708 METERED MULTI FAMILY	1,550,000	0	1,550,000	1,120,680.95	.00	429,319.05	72.3%	
461758 METERED RESTAURANT	160,000	0	160,000	125,424.25	.00	34,575.75	78.4%	
461808 METERED MUNICIPAL	405,000	0	405,000	302,357.71	.00	102,642.29	74.7%	
462000 PRIVATE FIRELINES	160,000	0	160,000	122,177.07	.00	37,822.93	76.4%	
463000 PUBLIC FIRE PROTECTION	1,380,000	0	1,380,000	1,036,028.44	.00	343,971.56	75.1%	
466003 SALES FOR RESALE-ASH	3,325,000	0	3,325,000	2,385,221.37	.00	939,778.63	71.7%	
466004 SALES FOR RESALE-SCOTT	102,000	0	102,000	62,178.16	.00	39,821.84	61.0%	
466005 SALES FOR RESALE-HOBART	380,000	0	380,000	335,799.01	.00	44,200.99	88.4%	
466006 SALES FOR RESALE-WRIGHTSTOWN	175,000	0	175,000	147,948.60	.00	27,051.40	84.5%	
470000 LATE PAYMENT PENALTIES	120,000	0	120,000	58,340.79	.00	61,659.21	48.6%	
471000 TURN ON & SET REVENUE	42,000	0	42,000	30,805.00	.00	11,195.00	73.3%	
472000 RENT-CELL TOWERS	141,523	0	141,523	142,284.52	.00	-761.52	100.5%	
472010 RENT-ADDITIONAL METERS	22,000	0	22,000	14,831.33	.00	7,168.67	67.4%	
472020 RENT - LAND	1,000	0	1,000	1,000.00	.00	.00	100.0%	
474000 OTHER WATER REVENUE-MISC	1,500	0	1,500	40,041.16	.00	-38,541.16	2669.4%	(2)
474010 RETURN ON METER INVEST	110,000	0	110,000	.00	.00	110,000.00	.0%	(3)
474020 REBATES	30,000	0	30,000	26,497.65	.00	3,502.35	88.3%	
474030 PRIVATE WELL PERMITS	500	0	500	700.00	.00	-200.00	140.0%	
474040 SALE OF SCRAP	10,000	0	10,000	11,125.10	.00	-1,125.10	111.3%	
474050 TITLE COMPANY LETTERS	2,000	0	2,000	1,740.00	.00	260.00	87.0%	
476000 SEWER REIMB FROM CITY	1,055,000	0	1,055,000	792,000.00	.00	263,000.00	75.1%	
476100 STORM REIMB FROM CITY	405,000	0	405,000	303,750.00	.00	101,250.00	75.0%	
TOTAL WATER UTILITY	27,245,712	0	27,245,712	21,162,530.43	.00	6,083,181.57	77.7%	

(1) DNR galvanized private service replacement program - not budgeted
(2) Reimbursement from insurance for 2022 Filter Plant electrical fire
(3) Entry made at year end

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GREEN BAY WATER
SEPTEMBER 2023 EXPENSE BUDGET REPORT

FOR 2023 09

ACCOUNTS FOR: 610 WATER UTILITY	ORIGINAL APPROP	TRANFRS/ ADJSTMTS	REVISED BUDGET	YTD EXPENDED	ENCUMBRANCES	AVAILABLE BUDGET	PCT USED	
1630 STORES EXPENSE	80,443	0	80,443	62,153.22	.00	18,289.78	77.3%	
1840 CLEARING ACCOUNTS	535,143	5,000	540,143	-344,164.65	.00	884,307.65	-63.7%	
4030 DEPRECIATION EXPENSE	5,112,113	0	5,112,113	3,697,857.00	.00	1,414,256.00	72.3%	
4050 AMORTIZATION OF OTHER PLANT	131,453	0	131,453	98,589.96	.00	32,863.04	75.0%	
4080 TAXES	2,978,324	0	2,978,324	2,023,046.38	.00	955,277.62	67.9%	
4160 MERCHANDISING & JOBBING EXP	250,093	0	250,093	159,606.50	.00	90,486.50	63.8%	
4260 OTHER INCOME DEDUCTIONS	456,321	0	456,321	.00	.00	456,321.00	.0%	
4270 INTEREST ON LONG-TERM DEBT	1,400,088	0	1,400,088	1,050,066.27	.00	350,021.73	75.0%	
4280 AMORTIZATION OF DEBT DISCOUNT	270,391	0	270,391	231,439.68	.00	38,951.32	85.6%	
6020 PURCHASED WATER	8,000	0	8,000	4,220.79	.00	3,779.21	52.8%	
6160 MAINTENANCE OF SUPPLY MAINS	135,894	0	135,894	33,656.81	2,540.00	99,697.19	26.6%	
6200 PUMP OPS SUPERVISION & ENG	93,512	0	93,512	56,739.71	.00	36,772.29	60.7%	
6230 FUEL OR POWER FOR PUMPING	980,000	0	980,000	696,984.99	.00	283,015.01	71.1%	
6240 PUMP LABOR & EXPENSES	71,628	0	71,628	57,666.23	.00	13,961.77	80.5%	
6260 MISC PUMPING EXPENSE	84,994	0	84,994	47,388.46	.00	37,605.54	55.8%	
6300 PUMP MAINT SUPERVISION & ENG	26,991	0	26,991	30,492.83	.00	-3,501.83	113.0%	
6310 PUMP MAINT OF STRUCTURES	237,328	0	237,328	63,964.23	.00	173,363.77	27.0%	
6320 PUMP MAINT OF POWER PROD EQUIP	29,500	0	29,500	9,983.84	2,405.94	17,110.22	42.0%	
6330 MAINT OF PUMPING EQUIP	221,507	0	221,507	117,682.98	63,013.00	40,811.02	81.6%	
6400 TREATMENT OPS SUPERVIS & ENG	82,147	0	82,147	61,550.09	.00	20,596.91	74.9%	
6410 CHEMICALS	582,875	0	582,875	377,595.44	.00	205,279.56	64.8%	
6420 WATER TREATMENT OPERATIONS EXP	1,359,712	-5,024	1,354,688	522,500.10	.00	832,187.90	38.6%	
6430 MISC WATER TREATMENT EXP	157,675	5,024	162,699	121,788.48	.00	40,910.52	74.9%	
6500 TREATMENT MAINT SUPERVIS & ENG	31,686	0	31,686	26,184.31	.00	5,501.69	82.6%	
6510 TREATMENT MAINT OF STRUCTURES	127,066	0	127,066	32,135.95	.00	94,930.05	25.3%	
6520 MAINT OF TREATMENT EQUIP	383,220	0	383,220	172,317.63	.00	210,902.37	45.0%	
6600 TRANS & DIST OPS SUP & ENG	262,501	0	262,501	189,065.45	.00	73,435.55	72.0%	
6620 TRANS & DIST LINES EXPENSE	351,915	0	351,915	202,414.35	.00	149,500.65	57.5%	
6630 METER EXPENSE	340,887	0	340,887	142,200.16	.00	198,686.84	41.7%	
6640 CUSTOMER INSTALLATION EXP	136,068	0	136,068	899,783.50	.00	-763,715.50	661.3%	(1)
6650 MISC TRANS & DIST EXPENSES	453,327	0	453,327	324,797.27	.00	128,529.73	71.6%	
6720 MAINT OF DIST RES & STANDPIPES	33,898	0	33,898	35,715.95	27,731.00	-29,548.95	187.2%	(2)
6730 MAINT OF TRANS & DIST MAINS	1,657,735	-5,000	1,652,735	720,813.77	.00	931,921.23	43.6%	
6750 MAINT OF SERVICES	435,542	0	435,542	445,250.89	.00	-9,708.89	102.2%	
6760 MAINT OF METERS	95,269	0	95,269	50,811.62	.00	44,457.38	53.3%	
6770 MAINT OF HYDRANTS	174,989	0	174,989	137,139.16	.00	37,849.84	78.4%	
9020 METER READING EXPENSE	56,659	0	56,659	53,153.82	.00	3,505.18	93.8%	
9030 CUSTOMER RECORDS & COLLECTION	1,096,367	-134,077	962,290	711,740.78	.00	250,549.22	74.0%	
9040 UNCOLLECTIBLE ACCOUNTS	1,000	0	1,000	2,105.85	.00	-1,105.85	210.6%	
9060 CUSTOMER SERVICE & INFORMATION	78,456	0	78,456	54,578.58	.00	23,877.42	69.6%	
9200 ADMIN & GENERAL SALARIES	768,844	0	768,844	578,874.53	.00	189,969.47	75.3%	
9210 OFFICE SUPPLIES & EXPENSES	119,134	0	119,134	70,506.29	832.66	47,795.05	59.9%	
9230 OUTSIDE SERVICES EMPLOYED	554,550	134,077	688,627	277,208.07	.00	411,418.93	40.3%	
9240 PROPERTY INSURANCE	97,884	0	97,884	4,570.59	.00	93,313.41	4.7%	

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GREEN BAY WATER
SEPTEMBER 2023 EXPENSE BUDGET REPORT

FOR 2023 09

ACCOUNTS FOR: 610 WATER UTILITY	ORIGINAL APPROP	TRANFRS/ ADJSTMTS	REVISED BUDGET	YTD EXPENDED	ENCUMBRANCES	AVAILABLE BUDGET	PCT USED
9250 INJURIES & DAMAGES	64,500	0	64,500	6,118.64	.00	58,381.36	9.5%
9260 EMPLOYEE PENSIONS & BENEFITS	1,392,631	0	1,392,631	953,891.55	.00	438,739.45	68.5%
9280 REGULATORY COMMISSION EXP	10,000	0	10,000	.00	.00	10,000.00	.0%
9300 MISC GENERAL EXPENSES	60,589	0	60,589	46,874.97	.00	13,714.03	77.4%
9320 MAINT OF GENERAL PLANT	292,917	0	292,917	217,301.96	.00	75,615.04	74.2%
TOTAL WATER UTILITY	24,363,766	0	24,363,766	15,536,364.98	96,522.60	8,730,878.42	64.2%

(1) Private side galvanized replacement program not budgeted due to direct reimbursement from DNR Grant.

(2) Huron Tank valve repair, Hobart Tank Cleaning

GREEN BAY WATER
CASH POSITION
October 31, 2022 & 2023

		10/31/2022		10/31/2023
UNRESTRICTED CURRENT ASSETS				
Cash & Investments - Operation & Maintenance				
Local Govt. Investment Pool	$	104,624	$	110,000
Associated Bank Checking		10,574,662		12,012,112
Working Cash Funds - Petty Cash		1,700		1,700
Total Cash & Investments - Operation & Maintenance		10,680,986		12,123,812
RESTRICTED CURRENT ASSETS				
Cash & Investments - Restricted				
Certificates of Deposit - Bond Redemption		-		-
Associated Bank Money Market Account - Bond Redemption		21,259		22,570
Associated Bank Checking - Private Service Replacement		336,187		-
Local Govt. Investment Pool - Construction Fund		175,900		-
Total Cash & Investments - Restricted		533,346		22,570
RESTRICTED LONG-TERM ASSETS				
Cash & Investments - Debt Reserve				
Associated Trust Money Market		76,212		17,426
Associated Trust Certificates of Deposit		469,858		472,250
Associated Trust Municipal Bonds		5,480,910		6,066,093
Total Cash & Investments - Debt Reserve		6,026,980		6,555,769
TOTAL CASH POSITION	$	17,241,312	$	18,702,151

GREEN BAY WATER
BALANCE SHEET
October 31, 2022 & 2023

	AS OF 10/31/2022	AS OF 10/31/2023
ASSETS		
Current Assets		
Unrestricted Current Assets		
Cash & Investments - Operating & Maintenance	$ 10,680,986	$ 12,123,812
Accounts Receivable - Customer Accounts	11,944,949	12,045,168
Inventories	591,836	745,271
Prepaid Items	67,606	82,925
Total Unrestricted Current Assets	23,285,377	24,997,176
Restricted Current Assets		
Cash & Investments - Bond Redemption Fund	21,259	22,570
Interest Receivable	-	-
Cash & Investments - Private Service Replacement Fund	336,187	-
Accounts Receivable - Grants	118,475	-
Total Restricted Current Assets	475,921	22,570
Total Current Assets	23,761,298	25,019,746
Noncurrent Assets		
Restricted Assets		
Cash & Investments - Debt Reserve Fund	6,026,980	6,555,769
Accrued Interest	57,237	54,360
Cash & Investments - Construction Fund	175,900	-
Net Pension Asset	1,675,610	2,127,002
Total Restricted Assets	7,935,727	8,737,131
Other Assets		
Unamortized Ashwaubenon Booster	1,139,262	1,007,808
Unamortized Wrightstown Grant	416,725	385,075
Total Other Assets	1,555,987	1,392,883
Capital Assets		
Property, Plant & Equipment	243,911,538	254,737,497
Less: Accumulated Depreciation	(102,515,220)	(107,688,688)
Net Property, Plant & Equipment	141,396,318	147,048,809
Construction in Progress	8,107,155	2,954,529
Total Capital Assets	149,503,473	150,003,338
Total Noncurrent Assets	158,995,187	160,133,352
TOTAL ASSETS	182,756,485	185,153,098
DEFERRED OUTFLOWS OF RESOURCES		
Unamortized Loss on Advanced Refunding	365,101	207,649
Deferred Outflows - Pension	3,909,456	4,737,486
Total Deferred Outflows of Resources	4,274,557	4,945,135

GREEN BAY WATER
BALANCE SHEET
October 31, 2022 & 2023

	AS OF 10/31/2022	AS OF 10/31/2023
LIABILITIES		
Current Liabilities		
Accounts Payable	$ 166,078	$ 15,625
Sewer Collections Payable	6,608,701	7,081,785
Storm Water Collections Payable	3,190,719	3,379,023
Accrued Payroll Taxes	99,530	81,769
Accrued Payroll, Vacation & Sick Leave Pay	223,143	271,537
Accrued Taxes	2,047,663	1,972,623
Payable from Restricted Assets		
Current Portion of Long - Term Debt	-	-
Accrued Interest	-	-
Total Current Liabilities	12,335,834	12,802,362
Long - term Obligations, Less Current Portion		
Revenue Bonds - Net of Premiums & Discounts	42,551,609	37,808,053
Accrued Vacation & Sick Leave Pay	264,364	132,004
Total Current Liabilities	42,815,973	37,940,057
TOTAL LIABILITIES	55,151,807	50,742,419
DEFERRED INFLOWS OF RESOURCES		
Deferred Inflows - Pension	4,818,072	5,627,565
NET POSITION		
Contributed Capital - City of Green Bay	736,907	744,232
Net Investment in Capital Assets	101,316,965	112,402,934
Restricted	8,235,748	8,759,701
Unrestricted	10,771,542	11,821,382
TOTAL NET POSITION	$ 121,061,162	$ 133,728,249

GREEN BAY WATER

Statement of Revenues, Expenses and Changes in Net Position
Month Ended October 31, 2022 and 2023

	10/31/22	10/31/23
OPERATING REVENUES		
Charges for services	$ 20,020,489	$ 19,856,997
Other	1,423,464	1,524,649
Total operating revenues	21,443,953	21,381,646
OPERATING EXPENSES		
Operation and maintenance	10,236,067	9,522,794
Depreciation	4,025,790	4,108,730
Total operating expenses	14,261,857	13,631,524
Operating income	7,182,096	7,750,122
NONOPERATING REVENUES (EXPENSES)		
Interest income	(115,120)	751,426
Grant revenue	669,637	712,142
Miscellaneous income	252,932	266,501
Interest and fiscal charges	(1,251,194)	(1,166,740)
Amortization of debt premium net of discounts	377,300	377,300
Amortization of loss on advance refundings	(143,047)	(143,047)
Total nonoperating revenues (expenses)	(209,492)	797,582
Income before contributions and transfers	6,972,604	8,547,704
Capital contributions	20,853	45,733
Transfers out - tax equivalent	(2,332,781)	(2,267,929)
Change in net position	4,660,676	6,325,508
Net position - January 1	122,400,486	127,402,741
Net position -October 30	$ 127,061,162	$ 133,728,249

GREEN BAY WATER
OCTOBER 2023 REVENUE BUDGET REPORT

FOR 2023 10

ACCOUNTS FOR: 610 WATER UTILITY	ORIGINAL APPROP	TRANFRS/ ADJSTMTS	REVISED BUDGET	YTD REVENUE		AVAILABLE BUDGET	PCT USED	
415000 MERCH & JOBBING REV	293,500	0	293,500	231,786.33	.00	61,713.67	79.0%	
419900 INT INCOME-OPER FUND	40,000	0	40,000	488,041.27	.00	-448,041.27	1220.1%	
419904 INT INC-CONST FUND	0	0	0	8.93	.00	-8.93	100.0%	
419911 INT INC-BOND REDEMPTION	5,000	0	5,000	85,059.76	.00	-80,059.76	1701.2%	
419920 INT INC-DEBT RESERVE	145,000	0	145,000	151,473.13	.00	-6,473.13	104.5%	
419925 UNREALIZED GAIN/LOSS DEBT RE	-150,000	0	-150,000	26,835.53	.00	-176,835.53	-17.9%	
420000 GRANT REVENUE	0	0	0	712,141.93	.00	-712,141.93	100.0%	(1)
421000 MISC NON-OPERATING INC	300,000	0	300,000	38,407.91	.00	261,592.09	12.8%	
429440 AMORT PREM-GB-2004	124,305	0	124,305	103,587.80	.00	20,717.20	83.3%	
429443 AMORT PREM ASH-2004	12,625	0	12,625	10,520.80	.00	2,104.20	83.3%	
429460 AMORT PREM-GB-2014	82,167	0	82,167	68,472.40	.00	13,694.60	83.3%	
429463 AMORT PREM-ASH-2014	8,345	0	8,345	6,954.30	.00	1,390.70	83.3%	
429470 AMORT PREM-GB-2019	313,470	0	313,470	261,225.30	.00	52,244.70	83.3%	
429473 AMORT PREM-ASH-2019	31,837	0	31,837	26,531.20	.00	5,305.80	83.3%	
429480 AMORT PREM-GB-2021	16,940	0	16,940	14,116.70	.00	2,823.30	83.3%	
461508 METERED RESIDENTIAL	5,175,000	0	5,175,000	4,478,379.15	.00	696,620.85	86.5%	
461558 METERED COMMERCIAL	2,100,000	0	2,100,000	1,722,586.21	.00	377,413.79	82.0%	
461608 METERED INDUSTRIAL	6,850,000	0	6,850,000	5,419,578.05	.00	1,430,421.95	79.1%	
461658 METERED APARTMENT < 3 UNITS	2,320,000	0	2,320,000	1,923,309.19	.00	396,690.81	82.9%	
461708 METERED MULTI FAMILY	1,550,000	0	1,550,000	1,240,463.47	.00	309,536.53	80.0%	
461758 METERED RESTAURANT	160,000	0	160,000	141,682.29	.00	18,317.71	88.6%	
461808 METERED MUNICIPAL	405,000	0	405,000	347,766.84	.00	57,233.16	85.9%	
462000 PRIVATE FIRELINES	160,000	0	160,000	122,177.07	.00	37,822.93	76.4%	
463000 PUBLIC FIRE PROTECTION	1,380,000	0	1,380,000	1,167,371.33	.00	212,628.67	84.6%	
466003 SALES FOR RESALE-ASH	3,325,000	0	3,325,000	2,647,481.56	.00	677,518.44	79.6%	
466004 SALES FOR RESALE-SCOTT	102,000	0	102,000	69,826.99	.00	32,173.01	68.5%	
466005 SALES FOR RESALE-HOBART	380,000	0	380,000	370,404.39	.00	9,595.61	97.5%	
466006 SALES FOR RESALE-WRIGHTSTOWN	175,000	0	175,000	205,970.58	.00	-30,970.58	117.7%	
470000 LATE PAYMENT PENALTIES	120,000	0	120,000	66,401.21	.00	53,598.79	55.3%	
471000 TURN ON & SET REVENUE	42,000	0	42,000	34,715.00	.00	7,285.00	82.7%	
472000 RENT-CELL TOWERS	141,523	0	141,523	142,284.52	.00	-761.52	100.5%	
472010 RENT-ADDITIONAL METERS	22,000	0	22,000	16,819.84	.00	5,180.16	76.5%	
472020 RENT - LAND	1,000	0	1,000	1,000.00	.00	.00	100.0%	
474000 OTHER WATER REVENUE-MISC	1,500	0	1,500	40,105.46	.00	-38,605.46	2673.7%	(2)
474010 RETURN ON METER INVEST	110,000	0	110,000	.00	.00	110,000.00	.0%	(3)
474020 REBATES	30,000	0	30,000	26,497.65	.00	3,502.35	88.3%	
474030 PRIVATE WELL PERMITS	500	0	500	900.00	.00	-400.00	180.0%	
474040 SALE OF SCRAP	10,000	0	10,000	11,125.10	.00	-1,125.10	111.3%	
474050 TITLE COMPANY LETTERS	2,000	0	2,000	1,880.00	.00	120.00	94.0%	
474070 MISSED APPOINTMENT CHARGE	0	0	0	135.00	.00	-135.00	100.0%	
476000 SEWER REIMB FROM CITY	1,055,000	0	1,055,000	880,000.00	.00	175,000.00	83.4%	
476100 STORM REIMB FROM CITY	405,000	0	405,000	337,500.00	.00	67,500.00	83.3%	
TOTAL WATER UTILITY	27,245,712	0	27,245,712	23,641,524.19	.00	3,604,187.81	86.8%	

(1) DNR galvanized private service replacement program - not budgeted
(2) Reimbursement from insurance for 2022 Filter Plant electrical fire
(3) Entry made at year end

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GREEN BAY WATER
OCTOBER 2023 EXPENSE BUDGET REPORT

FOR 2023 10

ACCOUNTS FOR: 610 WATER UTILITY	ORIGINAL APPROP	TRANFRS/ ADJSTMTS	REVISED BUDGET	YTD EXPENDED	ENCUMBRANCES	AVAILABLE BUDGET	PCT USED	
1630 STORES EXPENSE	80,443	0	80,443	67,262.54	.00	13,180.46	83.6%	
1840 CLEARING ACCOUNTS	535,143	5,000	540,143	-377,149.00	.00	917,292.00	-69.8%	
4030 DEPRECIATION EXPENSE	5,112,113	0	5,112,113	4,108,730.00	.00	1,003,383.00	80.4%	
4050 AMORTIZATION OF OTHER PLANT	131,453	0	131,453	109,544.40	.00	21,908.60	83.3%	
4080 TAXES	2,978,324	0	2,978,324	2,267,929.49	.00	710,394.51	76.1%	
4160 MERCHANDISING & JOBBING EXP	250,093	0	250,093	177,633.32	.00	72,459.68	71.0%	
4260 OTHER INCOME DEDUCTIONS	456,321	0	456,321	.00	.00	456,321.00	.0%	
4270 INTEREST ON LONG-TERM DEBT	1,400,088	0	1,400,088	1,166,740.02	.00	233,347.98	83.3%	
4280 AMORTIZATION OF DEBT DISCOUNT	270,391	0	270,391	257,155.20	.00	13,235.80	95.1%	
6020 PURCHASED WATER	8,000	0	8,000	6,983.37	.00	1,016.63	87.3%	
6160 MAINTENANCE OF SUPPLY MAINS	135,894	0	135,894	36,119.86	.00	99,774.14	26.6%	
6200 PUMP OPS SUPERVISION & ENG	93,512	0	93,512	64,581.38	.00	28,930.62	69.1%	
6230 FUEL OR POWER FOR PUMPING	980,000	0	980,000	788,835.32	.00	191,164.68	80.5%	
6240 PUMP LABOR & EXPENSES	71,628	0	71,628	62,484.49	.00	9,143.51	87.2%	
6260 MISC PUMPING EXPENSE	84,994	0	84,994	51,665.00	.00	33,329.00	60.8%	
6300 PUMP MAINT SUPERVISION & ENG	26,991	0	26,991	32,732.24	.00	-5,741.24	121.3%	(1)
6310 PUMP MAINT OF STRUCTURES	237,328	0	237,328	69,266.35	.00	168,061.65	29.2%	
6320 PUMP MAINT OF POWER PROD EQUIP	29,500	0	29,500	9,983.84	2,405.94	17,110.22	42.0%	
6330 MAINT OF PUMPING EQUIP	221,507	0	221,507	196,618.88	.00	24,888.12	88.8%	
6400 TREATMENT OPS SUPERVIS & ENG	82,147	0	82,147	67,622.19	.00	14,524.81	82.3%	
6410 CHEMICALS	582,875	0	582,875	438,058.33	.00	144,816.67	75.2%	
6420 WATER TREATMENT OPERATIONS EXP	1,359,712	-5,024	1,354,688	574,318.54	.00	780,369.46	42.4%	
6430 MISC WATER TREATMENT EXP	157,675	5,024	162,699	135,093.16	.00	27,605.84	83.0%	
6500 TREATMENT MAINT SUPERVIS & ENG	31,686	0	31,686	28,208.34	.00	3,477.66	89.0%	
6510 TREATMENT MAINT OF STRUCTURES	127,066	0	127,066	34,834.34	.00	92,231.66	27.4%	
6520 MAINT OF TREATMENT EQUIP	383,220	0	383,220	270,759.58	.00	112,460.42	70.7%	
6600 TRANS & DIST OPS SUP & ENG	262,501	0	262,501	209,643.83	.00	52,857.17	79.9%	
6620 TRANS & DIST LINES EXPENSE	351,915	0	351,915	228,724.31	.00	123,190.69	65.0%	
6630 METER EXPENSE	340,887	0	340,887	158,503.35	.00	182,383.65	46.5%	
6640 CUSTOMER INSTALLATION EXP	136,068	0	136,068	919,577.51	.00	-783,509.51	675.8%	(2)
6650 MISC TRANS & DIST EXPENSES	453,327	0	453,327	355,532.72	.00	97,794.28	78.4%	
6720 MAINT OF DIST RES & STANDPIPES	33,898	0	33,898	41,653.81	27,731.00	-35,486.81	204.7%	(3)
6730 MAINT OF TRANS & DIST MAINS	1,657,735	-5,000	1,652,735	814,042.92	.00	838,692.08	49.3%	(1)
6750 MAINT OF SERVICES	435,542	0	435,542	466,879.20	.00	-31,337.20	107.2%	
6760 MAINT OF METERS	95,269	0	95,269	54,735.57	.00	40,533.43	57.5%	
6770 MAINT OF HYDRANTS	174,989	0	174,989	147,402.60	.00	27,586.40	84.2%	
9020 METER READING EXPENSE	56,659	0	56,659	53,644.65	.00	3,014.35	94.7%	
9030 CUSTOMER RECORDS & COLLECTION	1,096,367	-134,077	962,290	787,899.39	.00	174,390.61	81.9%	
9040 UNCOLLECTIBLE ACCOUNTS	1,000	0	1,000	2,262.96	.00	-1,262.96	226.3%	
9060 CUSTOMER SERVICE & INFORMATION	78,456	0	78,456	60,088.02	.00	18,367.98	76.6%	
9200 ADMIN & GENERAL SALARIES	768,844	0	768,844	642,288.60	.00	126,555.40	83.5%	
9210 OFFICE SUPPLIES & EXPENSES	119,134	0	119,134	79,628.01	832.66	38,673.33	67.5%	
9230 OUTSIDE SERVICES EMPLOYED	554,550	134,077	688,627	294,231.65	.00	394,395.35	42.7%	
9240 PROPERTY INSURANCE	97,884	0	97,884	15,085.92	.00	82,798.08	15.4%	

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GREEN BAY WATER
OCTOBER 2023 EXPENSE BUDGET REPORT

FOR 2023 10

ACCOUNTS FOR: 610 WATER UTILITY	ORIGINAL APPROP	TRANFRS/ ADJSTMTS	REVISED BUDGET	YTD EXPENDED	ENCUMBRANCES	AVAILABLE BUDGET	PCT USED
9250 INJURIES & DAMAGES	64,500	0	64,500	17,833.21	.00	46,666.79	27.6%
9260 EMPLOYEE PENSIONS & BENEFITS	1,392,631	0	1,392,631	1,051,916.83	.00	340,714.17	75.5%
9280 REGULATORY COMMISSION EXP	10,000	0	10,000	.00	.00	10,000.00	.0%
9300 MISC GENERAL EXPENSES	60,589	0	60,589	46,934.98	.00	13,654.02	77.5%
9320 MAINT OF GENERAL PLANT	292,917	0	292,917	228,827.68	.00	64,089.32	78.1%
TOTAL WATER UTILITY	24,363,766	0	24,363,766	17,323,348.90	30,969.60	7,009,447.50	71.2%

(1) Labor and equipment allocation - more time spent on these tasks
(2) Private side galavanized replacement program not budgeted due to direct reimbursement from DNR
(3) Huron tank valve repair, Hobart tank cleaning

Green Bay Water Commission
MEMORANDUM

DATE: November 13, 2023
TO: Green Bay Water Commission
FROM: Nancy Quirk, General Manager and, and Justin Hewitt, Project Specialist
RE: Recommend to Repeal and Recreate General Ordinance Chapter 42-164 to 174

Green Bay Water recommends to repeal and recreate City of Green Bay General Ordinance Chapter 42-164 to 174, in anticipation of imminent revisions to the Lead and Copper Rule of the Safe Drinking Water Act enforced by the EPA.

The forthcoming revisions are intended to redefine 'lead service' in a manner that extends the definition beyond traditional "lead" services to include galvanized services once connected to lead piping. This is due to the discovery that lead particles can attach to the surface of galvanized pipes previously connected to lead services. Over time, the particles can enter your drinking water, causing elevated lead levels, thus posing similar risks as direct lead pipes and warranting their classification as a lead service. Over the past three years, Green Bay Water has been proactive in replacing such services, reducing the number to fewer than 100 within the city limits. The aim is to spur property owners to work with us in the phased removal of these potentially hazardous services in the coming years.

In cooperation with the Green Bay City Attorney's office, we have drafted the necessary updates to the ordinance. Enclosed with this memorandum is the revised Lead Service Line (LSL) ordinance. We have summarized the principal amendments below, with a focus on two key updates:

- Section 42-168 now requires the replacement of the homeowner's galvanized iron pipes that were previously downstream of lead services.
- The timeline for compliance has been specified, giving property owners one year from the receipt of a notification letter from Green Bay Water to replace their lead service lines.

We have also refined the language for clarity and futureproofing, such as substituting 'lead pipe' with 'lead service line' for consistency throughout the ordinance. Language has been included to allow for seamless incorporation of future changes in regulations, avoiding the need for comprehensive ordinance overhauls. Terms like 'or any updated EPA action level' and 'as amended by the EPA' have been added to ensure the ordinance remains current.

Green Bay Water seeks the Green Bay Water Commission's recommendation to bring these ordinance updates before the Common Council for adoption. We are grateful for your guidance and support as we persist in our mission to provide the highest standard of water quality and safety for our community.

GENERAL ORDINANCE NO. 18-23

AN ORDINANCE REPEALING AND RECREATING
SECTION 42-164-174, GREEN BAY MUNICIPAL CODE,
RELATING TO LEAD WATER SERVICE LINE REPLACEMENT

THE COMMON COUNCIL OF THE CITY OF GREEN BAY DOES ORDAIN AS FOLLOWS:

SECTION 1. Section 42-164-174, Green Bay Municipal Code, is hereby amended to read:

DIVISION 4. LEAD WATER SERVICE LINE REPLACEMENT

Sec. 42-164. Intent and purpose.

Lead service lines pose a threat to the public health based on the potential for leaching of lead into drinking water. The Common Council of the City of Green Bay therefore finds that it is in the public interest to establish a comprehensive program for the removal and replacement of lead service lines in use within the Green Bay Water Utility system, and to that end, declares the purposes of this article to be as follows:

(1) To ensure that the water quality at every tap of Green Bay Water Utility customers meets the water quality standards specified under the Federal Safe Drinking Water Act;

(2) To reduce the lead in City drinking water to meet EPA standards in City drinking water for the health of City residents;

(3) To meet the WDNR requirements for local compliance with the EPA's Lead and Copper Rule; and

(4) To effect the replacement of all high risk lead service lines within one year of their discovery, and the replacement of all remaining lead service lines in use in the City no later one (1) year from the date of notification of the service line replacement schedule.

(Code 1984, § 21.11(1); Ord. No. 16-16)

Sec. 42-165. Authorization.

This article is enacted pursuant to Wis. Stats. §§ 62.11(5) and 281.12(5), and as mandated by 42 USC 300g of the Federal Safe Drinking Water Act, enforced by the EPA and the WDNR.

(Code 1984, § 21.11(2); Ord. No. 16-16)

Sec. 42-166. Rules of construction and definitions.

This division and all rules and orders promulgated under this division shall be liberally construed so that the purposes enumerated in Section 42-164 may be accomplished. Words and phrases shall be construed and understood according to their common and usual meaning unless the contrary is clearly indicated. Within this section:

Child care facility means any state-licensed or county-certified child care facility including, but not limited to, licensed family child care, licensed group centers, licensed day camps, certified school-age programs and Head Start programs.

Confirmed water sample test means a tap water analysis, completed after a prior analysis that indicated lead levels at the EPA action level, and conducted in accordance with the Lead and Copper Rule, with Wis. Admin. Code § NR 809.547, and with instructions provided by the Water Utility.

Customer-side service line means the water conduit pipe running from the customer's meter to the curb stop, which is the Water Utility shut-off valve, usually located between the roadway and the sidewalk.

Customer-side lead service line means the material type of the water conduit pipe running from the customer's meter to the curb stop, which is the Water Utility shut-off valve, usually located between the roadway and the sidewalk that consists of lead or galvanized iron that is currently or has previously been downstream of lead components.

EPA means the U.S. Environmental Protection Agency.

EPA action level means a concentration of 15 or more parts per billion (PPB) of lead as measured at a customer's tap, or the concentration level as amended by the EPA.

EPA trigger level means a concentration of 10 or more parts per billion (PPB) of lead as measured at a customer’s tap, or the concentration level as amended by the EPA.

Federal Safe Drinking Water Act means 42 USC 300f—300j-26.

High risk lead service line means a customer-side lead service line identified in Section 42-168 and any customer-side lead service line where a confirmed water sample test of a customer’s tap water reveals a lead concentration at or above the EPA action level.

Lead and Copper Rule means the rule created by the EPA and adopted by the WDNR in response to the passage of the Federal Safe Drinking Water Act, which provides maximum contaminant level goals and national primary drinking water regulations (NPDWR) for controlling lead and copper in drinking water. NPDWR regarding approved treatment techniques include corrosion control treatment, source water treatment, lead service line replacement and public education. The rule may be found in 56 FR 26460, 40 CFR 141.80—141.90, and Wis. Admin. Code §§ NR 809.541 through 809.55.

Plumber means a person, firm, corporation or other entity licensed to perform plumbing work, or utility construction in the State of Wisconsin.

PPB means parts per billion.

Property means any possessory interest, legal or equitable, in real property, including an estate, trust, or lien, and any buildings, structures and improvements thereon.

Service line replacement schedule means the schedule adopted by the Water Utility Commission for the replacement of customer-side lead service lines based on community resources, on availability of Plumbers and Water Utility resources to complete service line replacements, and on physical location of properties with customer-side lead service lines required to be replaced as specified by the EPA and WDNR. Based on the above factors, customers will be assigned a time period within the schedule for replacing their customer-side lead service line. In no case shall a customer on this schedule have less than 30 days from the date of notification pursuant to Section 42-169 for the replacement of any customer-side lead service line.

WDNR means the Wisconsin Department of Natural Resources.

Water utility means the City of Green Bay public water utility system, also known as Green Bay Water Utility.

(Code 1984, § 21.11(3); Ord. No. 16-16)

Sec. 42-167. Survey and self-inspections.

Upon notice from the Water utility, any person who owns, manages or otherwise exercises control over a property within the Green Bay Water Utility system shall allow the Water Utility to inspect the customer-side service line or have the customer-side service line inspected by a Pumber to determine whether the service line is lead, copper, cast iron, galvanized iron, plastic or other material.

(Code 1984, § 21.11(4); Ord. No. 16-16)

Sec. 42-168. Partial or full service line material replacement; water utility or customer-side.

(a) All of the following service line material combinations are subject to partial or full replacement with type "K" copper, polyethylene water tube, ductile iron, or polyvinyl chloride service lines under this division as identified:

SERVICE LINE MATERIAL REPLACEMENT

Water Utility-Side	Customer-Side	Side Requiring Replacement
Lead	Lead	Both
Lead	Galvanized	Both
Lead	Copper	Water utility only
Lead	Plastic	Water utility only
Copper	Lead	Customer only
Plastic	Lead	Customer only
Previously replaced Lead	Galvanized Iron	Customer only

No other service line material combinations have been identified which require replacement under this division.

(b) All lead service lines must be replaced regardless of whether on the Water Utility-side or the customer-side. If a customer-side lead service line is connected to a Water Utility-side lead service line, both lines must be replaced at the time the Water Utility is replacing its side of the lead service line. As of the effective date of the ordinance from which this division is derived, no lead service line will be allowed to connect to a Water Utility service line once replaced.

(Code 1984, § 21.11(5); Ord. No. 16-16)

Sec. 42-169. Replacement priority.

(a) Owners, managers or persons otherwise exercising control over properties within the Green Bay Water utility system with customer-side lead service lines shall be required to replace the customer-side service lines according to the following order of priority and based on the replacement schedule established by the Water Utility Commission:

(1) Schools or child care facilities.

(2) Properties at which a confirmed water sample test at the tap shows lead concentration at 15 PPB or more, or any updated EPA action level.

(3) Properties where more than 20 people regularly have access to drinking water during any eight-hour period.

(4) Properties where the Water Utility is replacing its side of the lead water service line to the property.

(5) All other properties not covered in subsections (a)(1) through (4) of this section.

(b) Notwithstanding the schedules set forth herein and any limitations on funding sources which may be made available to either the Water Utility or the customer, all customer-side service lines identified herein shall be replaced no later one (1) year from the date of notification of the service line replacement schedule.

(Code 1984, § 21.11(6); Ord. No. 16-16)

Sec. 42-170. Scheduling.

Replacement of customer-side lead service lines that are connected to a Water Utility-side service line must be completed at the time the Water Utility-side service line is replaced. Scheduling of all such replacements for customer-side lead service lines must be coordinated between the homeowner's Plumber and the Water Utility within 30 days of receipt of notice that the Water Utility-side water service lines are scheduled to be replaced. Additional time to schedule the customer-side lead service line replacement may be granted by the General Manager of the Water Utility for good cause.

(Code 1984, § 21.11(7); Ord. No. 16-16)

Sec. 42-171. Financing of replacement.

In the event funding is made available for this purpose through any means, an eligible property owner may apply to the City and/or Water Utility for financing of any portion of the cost of replacing a customer-side lead service line under the terms of such financing program. Disputes regarding eligibility for financing may be appealed to the Water Utility Commission, unless otherwise noted in the funding program. As a condition of receiving any available financing from the City and/or Water Utility, the property owner must provide adequate documentation demonstrating that the Plumber completing the work anticipated hereunder is properly certified and/or licensed by the State of Wisconsin and/or the City, as appropriate.

(Code 1984, § 21.11(8); Ord. No. 16-16; Ord. No. 05-20 , § 1, 4-1-2020)

Sec. 42-172. Exceptions.

(a) The Water utility may modify the inspection requirement set forth under Section 42-167 if the customer so requests and demonstrates a compelling need.

(b) Upon the demonstration of a compelling need, the owner of a single-family dwelling or a business to which the public has no access to tap water and with no more than five employees, may request a change of schedule or an extension of time for compliance with Sections 42-168 through 42-170.

(c) Guidelines for the consideration of requests under subsections (a) and (b) of this section will be established by the Water Utility Commission.

(d) Compliance deadlines will be calculated on a calendar year basis but may be deferred during the months of December through March on the basis of weather constraints.

(Code 1984, § 21.11(9); Ord. No. 16-16)

Sec. 42-173. Prohibitions.

It shall be unlawful for any person to fail to comply with the applicable customer-side lead service line replacement requirements as set forth herein or to violate any other provision of this division.

(Code 1984, § 21.11(10); Ord. No. 16-16)

Sec. 42-174. Penalties.

Any person who violates any provision of this division may be subject to a forfeiture of no less than $50.00 and no more than $1,000.00. Each day a violation continues may be considered a separate offense.

(Code 1984, § 21.11(11); Ord. No. 16-16)

Secs. 42-175—42-201. Reserved.

SECTION 2. All ordinances or parts of ordinances in conflict herewith are hereby repealed.

SECTION 3. Effective date. This ordinance shall take effect on and after its passage and publication.

Dated at Green Bay, Wisconsin, this ______day of ________________, 2023.

APPROVED:

____
Eric Genrich, Mayor

ATTEST:

____
Celestine Jeffreys, Clerk

law

Green Bay Water Commission
GENERAL MANAGER UPDATE

DATE: November 13, 2023
TO: Green Bay Water Commission
FROM: Nancy Quirk, P.E., General Manager, Green Bay Water
RE: General Manager Update

General Manager Nancy Quirk will provide the commission with updates on the following initiatives within our organization:

1. Operations Projects
    a. Update to Master Plan
    b. Generator Addition to Lake Station
    c. Surge Analysis of Raw Water Lines
2. Business Office/IT
    a. Phone System Upgrade for 2024
    b. Tax Roll for Unpaid Water Bills
3. Filter Plant
    a. Sludge Lagoon Dredging
    b. Reservoir Inspections
    c. Ozone Generator Repair
4. Energy Efficiency Study Report
5. Workforce Report
    a. Open Positions
        i. Distribution Maintenance Technician (Full-Time)
        ii. Operations Manager (Full-Time)