

# 2024 BUDGET



*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.

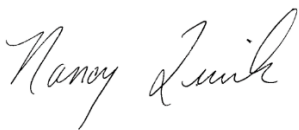
We have made provisions for increases in property and liability insurance, reflecting rate hikes by the City's insurance company. The application fee for our 2024 rate case has been incorporated into the Regulatory Commission Expense, aligning with compliance needs.

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, 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:

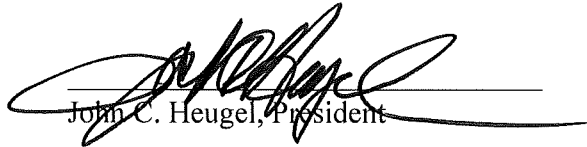
RESOLVED FIRST: That the 2024 Annual Budget of the Green Bay Water Utility, in the form presented herewith and attached hereto, be, and the same hereby is authorized and approved.

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.

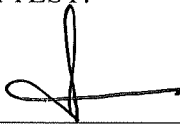
ADOPTED this 13th day of November 2023.

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
<b>OPERATING REVENUE</b>					
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
<b>TOTAL OPERATING REVENUE</b>	<b>25,931,177</b>	<b>25,450,838</b>	<b>25,980,523</b>	<b>25,563,385</b>	<b>26,735,450</b>
<b>OPERATING EXPENSES</b>					
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
<b>Total Source of Supply Expense</b>	<b>766,508</b>	<b>1,281,577</b>	<b>127,394</b>	<b>57,203</b>	<b>97,765</b>
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
<b>Total Pumping Expense</b>	<b>1,549,056</b>	<b>1,469,058</b>	<b>1,745,460</b>	<b>1,795,262</b>	<b>1,918,543</b>
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
<b>Total Water Treatment Expense</b>	<b>1,882,079</b>	<b>1,777,415</b>	<b>2,724,381</b>	<b>2,368,281</b>	<b>2,050,785</b>
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
<b>Total Transmission &amp; Distribution Expense</b>	<b>3,139,560</b>	<b>3,404,320</b>	<b>3,764,075</b>	<b>3,558,196</b>	<b>4,332,224</b>

**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	<u>1,028,935</u>	<u>1,048,200</u>	<u>1,098,405</u>	<u>1,110,376</u>	<u>1,168,772</u>
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	<u>2,837,610</u>	<u>3,038,926</u>	<u>4,256,996</u>	<u>3,904,970</u>	<u>4,182,852</u>
Depreciation Expense	<u>5,386,567</u>	<u>5,481,708</u>	<u>5,428,434</u>	<u>5,568,434</u>	<u>5,678,434</u>
<b>TOTAL OPERATING EXPENSE</b>	<u>16,590,315</u>	<u>17,501,204</u>	<u>19,145,145</u>	<u>18,362,722</u>	<u>19,429,375</u>
<b>OPERATING INCOME</b>	9,340,862	7,949,634	6,835,378	7,200,663	7,306,075
<b>NONOPERATING REVENUES (EXPENSES)</b>					
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)
<b>TOTAL NONOPERATING REVENUES (EXPENSES)</b>	<u>(3,309,762)</u>	<u>(2,947,379)</u>	<u>(3,003,290)</u>	<u>(2,138,281)</u>	<u>(2,223,415)</u>
<b>NET INCOME</b>	<u>\$ 6,031,099</u>	<u>\$ 5,002,255</u>	<u>\$ 3,832,088</u>	<u>\$ 5,062,382</u>	<u>\$ 5,082,660</u>

**GREEN BAY WATER UTILITY**  
**Green Bay Operations w/o Ashwaubenon**  
**2024 BUDGET**

	2021 Actual	2022 Actual	2023 Budget	2023 Projected	2024 Budget
<b>OPERATING REVENUE</b>					
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
<b>TOTAL OPERATING REVENUE</b>	<b>22,560,168</b>	<b>22,202,593</b>	<b>22,655,523</b>	<b>22,263,385</b>	<b>23,270,450</b>
<b>OPERATING EXPENSES</b>					
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
<b>Total Source of Supply Expense</b>	<b>766,508</b>	<b>1,281,577</b>	<b>127,394</b>	<b>57,203</b>	<b>97,765</b>
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
<b>Total Pumping Expense</b>	<b>1,421,402</b>	<b>1,323,454</b>	<b>1,585,460</b>	<b>1,638,262</b>	<b>1,763,543</b>
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
<b>Total Water Treatment Expense</b>	<b>1,809,407</b>	<b>1,681,463</b>	<b>2,585,881</b>	<b>2,266,281</b>	<b>1,929,285</b>
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
<b>Total Transmission &amp; Distribution Expense</b>	<b>3,139,560</b>	<b>3,404,320</b>	<b>3,764,075</b>	<b>3,558,196</b>	<b>4,332,224</b>



**GREEN BAY WATER UTILITY**  
**Green Bay Operations w/o Ashwaubenon**  
**2024 BUDGET**

	2021 Actual	2022 Actual	2023 Budget	2023 Projected	2024 Budget
<b>Customer Accounts Expense</b>					
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
<b>Total Customer Accounts Expense</b>	<u>1,028,935</u>	<u>1,048,200</u>	<u>1,098,405</u>	<u>1,110,376</u>	<u>1,168,772</u>
<b>Administrative &amp; General Expense</b>					
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
<b>Total Administrative &amp; General Expense</b>	<u>2,837,610</u>	<u>3,038,926</u>	<u>4,256,996</u>	<u>3,904,970</u>	<u>4,182,852</u>
Depreciation Expense	<u>5,275,133</u>	<u>5,370,274</u>	<u>5,317,000</u>	<u>5,457,000</u>	<u>5,567,000</u>
<b>TOTAL OPERATING EXPENSE</b>	<u>16,278,555</u>	<u>17,148,214</u>	<u>18,735,211</u>	<u>17,992,288</u>	<u>19,041,441</u>
<b>OPERATING INCOME</b>	6,281,613	5,054,379	3,920,312	4,271,097	4,229,009
<b>NONOPERATING REVENUES (EXPENSES)</b>					
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)
<b>TOTAL NONOPERATING REVENUES (EXPENSES)</b>	<u>(3,061,364)</u>	<u>(2,722,759)</u>	<u>(2,768,277)</u>	<u>(1,903,268)</u>	<u>(1,999,479)</u>
<b>NET INCOME</b>	<u>\$ 3,220,249</u>	<u>\$ 2,331,620</u>	<u>\$ 1,152,035</u>	<u>\$ 2,367,829</u>	<u>\$ 2,229,530</u>

## GREEN BAY WATER UTILITY

### Ashwaubenon Operations 2024 BUDGET

		2021 Actual		2022 Actual		2023 Budget		2023 Projected		2024 Budget
<b>OPERATING REVENUE</b>										
Water for Resale - Ashwaubenon	\$	3,371,009	\$	3,248,245	\$	3,325,000	\$	3,300,000	\$	3,465,000
<b>OPERATING EXPENSES</b>										
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
<b>TOTAL OPERATING EXPENSE</b>		311,760		352,990		409,934		370,434		387,934
<b>OPERATING INCOME</b>		3,059,249		2,895,255		2,915,066		2,929,566		3,077,066
<b>NONOPERATING REVENUES (EXPENSES)</b>										
Amortization of Debt Premiim		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)
<b>TOTAL NONOPERATING REVENUES (EXPENSES)</b>		(248,399)		(224,620)		(235,013)		(235,013)		(223,936)
<b>NET INCOME</b>	\$	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	<u>1,757,807</u>	<u>7.66%</u>	<u>1,795,164</u>	<u>7.90%</u>
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	<u>1,392,111</u>	<u>6.07%</u>	<u>1,530,659</u>	<u>6.74%</u>
Total Expenses	<u>\$ 22,933,552</u>	<u>100.00%</u>	<u>\$ 22,715,870</u>	<u>100.00%</u>

**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

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

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

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
<b>Total Project Costs</b>		<b>\$ 11,250,000</b>
<b>Funding Sources:</b>		
Water User Fees		\$ 8,295,000
Revenue Bonds/Safe Drinking Water Loan*		2,955,000
<b>Total Funding Sources</b>		<b>\$ 11,250,000</b>

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