

*****ATTACHMENTS*****



REPORT OF BILLING

NOVEMBER 2021

	<u>2021</u>	<u>2020</u>	<u>Increase or (Decrease)</u>
Quarterly Metered*			
<i>(Dist III - south of Union Ave)</i>			
Residential	215,690.90	217,536.59	(1,845.69)
Multi-Family	26,640.75	25,894.79	745.96
Commercial	33,485.18	32,795.59	689.59
Industrial	21,674.97	20,561.05	1,113.92
Public	<u>10,326.61</u>	<u>9,363.89</u>	<u>962.72</u>
Subtotal	307,818.41	306,151.91	1,666.50
Public Fire Protection	67,835.56	67,703.46	132.10
Monthly Metered	<u>340,322.12</u>	<u>352,986.85</u>	<u>(12,664.73)</u>
Sheboygan Net	715,976.09	726,842.22	(10,866.13)
Sheboygan Falls	51,123.35	53,405.00	(2,281.65)
Kohler	<u>26,202.85</u>	<u>26,954.30</u>	<u>(751.45)</u>
Total	793,302.29	807,201.52	(13,899.23)

* Billing for scheduled district only for the three preceding months usage.

Total accumulative billing for 2021 is \$8,796,319.81. An increase of \$1,054,575.96 from 2020 accounted for as follows:

	<u>2021 -Total Year to Date</u>
Sheboygan	872,256.21
Sheboygan Falls	128,794.48
Kohler	<u>53,525.27</u>
	1,054,575.96

Total bills mailed November, 2021: 6,859

Residential	6,253	Multi-Family	8
Multi-Family	91	Commercial	21
Commercial	326	Industrial	72
Industrial	48	Public	13
Public	27		
Quarterly	6,745	Monthly	114



RETURN ON RATE BASE

November 30, 2021

	NOVEMBER 2021	NOVEMBER 2020
<u>Add 2 YR Average</u>		
Utility Plant Balance	\$ 69,329,061	\$ 66,399,497
Materials and Supplies Inventory	\$ 263,556	\$ 295,375
<u>Less 2 YR Average</u>		
Reserve for Depreciation	\$ 23,631,783	\$ 22,075,877
Customer Adv for Const	\$ -	\$ -
Average Rate Base	<u>\$ 45,960,834</u>	<u>\$ 44,618,995</u>
Net Operating Income YTD	\$ 1,856,081	\$ 1,229,749
Net Operating Income As a Percent of Average Net Rate Base	<u><u>4.04%</u></u>	<u><u>2.76%</u></u>

Rate base is calculated using the two year average balance in the following accounts:

Utility Plant Balance - includes all capital assets less any contributed capital assets.

Materials and Supplies Inventory - includes all materials and supplies on hand and in inventory.

Reserve for Depreciation - includes depreciation on capital assets less any contributed capital assets.



CASH RESERVE
November 30, 2021

Ending balance on report for September 30, 2021	8,699,953.08
Plus: Receipts	511,488.57
Misc Receipts	111,847.58
Direct Pay Receipts	324,798.68
Stop Loss Reimbursements	-
Money Market/CDARs Investment Interest	327.25
Minus:	
Disbursements - vendors and payroll	(544,528.97)
Bank Service Fees Credit	(865.79)
Health & Dental Claims/Adm Costs	(65,009.40)
NSF Checks & Customer Refunds	(1,610.27)
PSN Deposit Fees	(5,815.15)
Reallocate Sewer/Garbage - payments	167.99
Reallocate Sewer/Garbage - monthly	242.35
Wisconsin Payroll Tax Correction	(7,800.20)
Wisconsin Payroll Tax Correction	(440.01)
Bond Interest Payment	(133,401.79)
Automated Credit Card Payments	(961.75)
Postage	(3,428.76)
Utility Water Payments	(4,811.79)
Ending Balance November 30, 2021	\$ 8,880,151.62

Note: The above amount includes:

Bond Reserve Fund	668,413.54
LSL Revolving Loan Fund	100,916.31
Money Market Investment	3,982,016.16
Health Insurance Restricted Reserve	380,000.00
BAN Funds for Construction	664,546.66
Total	\$ 5,795,892.67

General Unrestricted Operating Cash	3,084,258.95
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STATEMENT OF NET POSITION
NOVEMBER 30, 2021 AND 2020

<u>Assets and Other Debits Utility Plant</u>	<u>Year to Date 2021</u>	<u>Year to Date 2020</u>	<u>Liabilities and Other Credits</u>	<u>Year to Date 2021</u>	<u>Year to Date 2020</u>
			<u>Proprietary Capital</u>		
Utility Plant	78,607,340	75,924,898	Capital Paid by Municipal	1,640,701	1,640,701
Depreciation- Utility Plant	26,373,289	24,586,605	Unapprop. Earned Surplus	46,749,506	45,660,284
Net Utility Plant	<u>\$ 52,234,051</u>	<u>\$ 51,338,293</u>	Total Proprietary Capital	<u>\$ 48,390,207</u>	<u>\$ 47,300,985</u>
			Bonds, Loans & Advances	12,624,174	13,677,170
<u>Other Property and Investments</u>			Total Long Term Debt	<u>\$ 12,624,174</u>	<u>\$ 13,677,170</u>
Appropriated Funds	1,145,463	2,403,368			
Bond Redemption Fund	668,414	688,824	<u>Current & Accrued Liabilities</u>		
Net Pension Asset ¹	411,147	-	Accounts Payable	-	1,027
Deferred Outflow - Pension & OPEB ¹	1,038,866	1,262,190	Accrued Liabilities	1,158,585	1,100,833
Total Other Prop & Investment	<u>\$ 3,263,890</u>	<u>\$ 4,354,382</u>	Total Current & Accrued Liab.	<u>\$ 1,158,585</u>	<u>\$ 1,101,860</u>
			<u>Deferred Credits</u>		
<u>Current and Accrued Assets</u>			Bond Premium	188,083	223,952
Cash & Investments	7,067,025	6,519,300	Pre 2003 Depr on Contributed Assets	52,316	77,449
Accounts Receivable	1,372,336	1,674,837	Other Deferred Credits ³	0	3526.17
LSL Loan Receivable ³	231,352	78,402		<u>\$ 240,399</u>	<u>\$ 304,927</u>
Grant Receivable - Restricted ²	167,588	0	<u>Operating Reserves</u>		
Materials & Supplies Inventory	220,175	306,938	Net Pension & OPEB Liability ¹	324,886	275,425
Prepaid Expenses	27,686	49,401	Deferred Inflow - Pension & OPEB ¹	1,260,697	1,103,698
Total Current & Accrued Assets	<u>\$ 9,086,161</u>	<u>\$ 8,628,878</u>	Accrued Vac & Sick Leave	585,154	557,488
			Total Operating Reserve	<u>\$ 2,170,737</u>	<u>\$ 1,936,611</u>
Total Assets and Debits	<u>\$ 64,584,102</u>	<u>\$ 64,321,553</u>	Total Liab & Other Credits	<u>\$ 64,584,102</u>	<u>\$ 64,321,553</u>

¹ See full audited Financial Statements for disclosures and details regarding pensions and OPEB.

² Grants Receivable - Restricted pertains to the Lead Water Service Lateral Replacement Program funded by the DNR.

³ Receivable related to the new SWU LSL loan program.



STATEMENT OF REVENUE, EXPENSES AND CHANGES IN NET POSITION
NOVEMBER 30, 2021 AND 2020

	2021		2020		Incr (Decr) YTD	% Incr/Decr YTD
	MONTH	YTD	MONTH	YTD		
Sales Revenue ¹	\$ 806,745	\$ 8,537,256	\$ 819,972	\$ 7,486,426	\$ 1,050,830	14.04%
Other Water Revenue ²	\$ 5,050	\$ 54,738	\$ 4,913	\$ 91,220	\$ (36,482)	-39.99%
Total Operating Revenues	\$ 811,795	\$ 8,591,994	\$ 824,885	\$ 7,577,646	\$ 1,014,348	13.39%
Operating Expenses	204,053	3,245,383	442,204	3,237,339	8,044	0.25%
Maintenance Expenses ³	75,781	882,026	59,736	567,852	314,174	55.33%
Depreciation Expenses	129,870	1,447,156	126,469	1,425,936	21,220	1.49%
Taxes	106,504	1,161,347	101,714	1,116,770	44,578	3.99%
Total Operating Expenses	\$ 516,209	\$ 6,735,912	\$ 730,121	\$ 6,347,896	\$ 388,016	6.11%
Utility Operating Income	\$ 295,586	\$ 1,856,082	\$ 94,763	\$ 1,229,749	\$ 626,332	50.93%
Other Income & Expense						
Non-operating Grant Revenue	-	167,588	2,184	37,634	129,954	
Non-Operating Grant Expenses	(6,000)	(156,603)	(2,184)	(37,634)	(118,969)	
Bond Premium	2,989	32,880	2,989	31,631	1,249	
Interest Earned on Investments	745	14,651	1,697	42,800	(28,148)	
Contributions	-	-	-	-	-	
Other Expense	-	(475)	-	(34,475)	34,000	
Misc Amortization	2,094	23,039	2,094	23,039	-	
Bond Interest Expense	(27,359)	(301,040)	(28,214)	(300,955)	(85)	
Change in Net Position	\$ 268,056	\$ 1,636,121	\$ 73,330	\$ 991,789	\$ 644,333	

¹ The increase in Sales Revenue is due to a rate increase that was implemented October 1, 2020, as well as an increase in usage over 2020.

² The decrease in Other Revenues is due to a settlement received in 2020 for the purchase of liquid alum. SWU recovered \$772.13 in unclaimed property from the State of WI. cross connection program and meter change outs, acceptance of credit card fees, consulting fees for health insurance and IT security, and costs related to the rate case.

³ The increase in maintenance expense is due to an increase in maintenance projects postponed from 2020 due to Covid, including pumping structures, reservoirs, water mains, meters maintenance, and hydrant painting; and purchase of UV bulbs for water treatment.



APPROVAL OF VOUCHERS
November 30, 2021

<u>Total Of The General Vouchers</u>	<u>\$ 390,413.43</u>
<u>Gross Payroll</u>	<u>\$ 165,357.27</u>
<u>Net Payroll</u>	<u>\$ 98,400.21</u>

BOARD OF WATER COMMISSIONERS

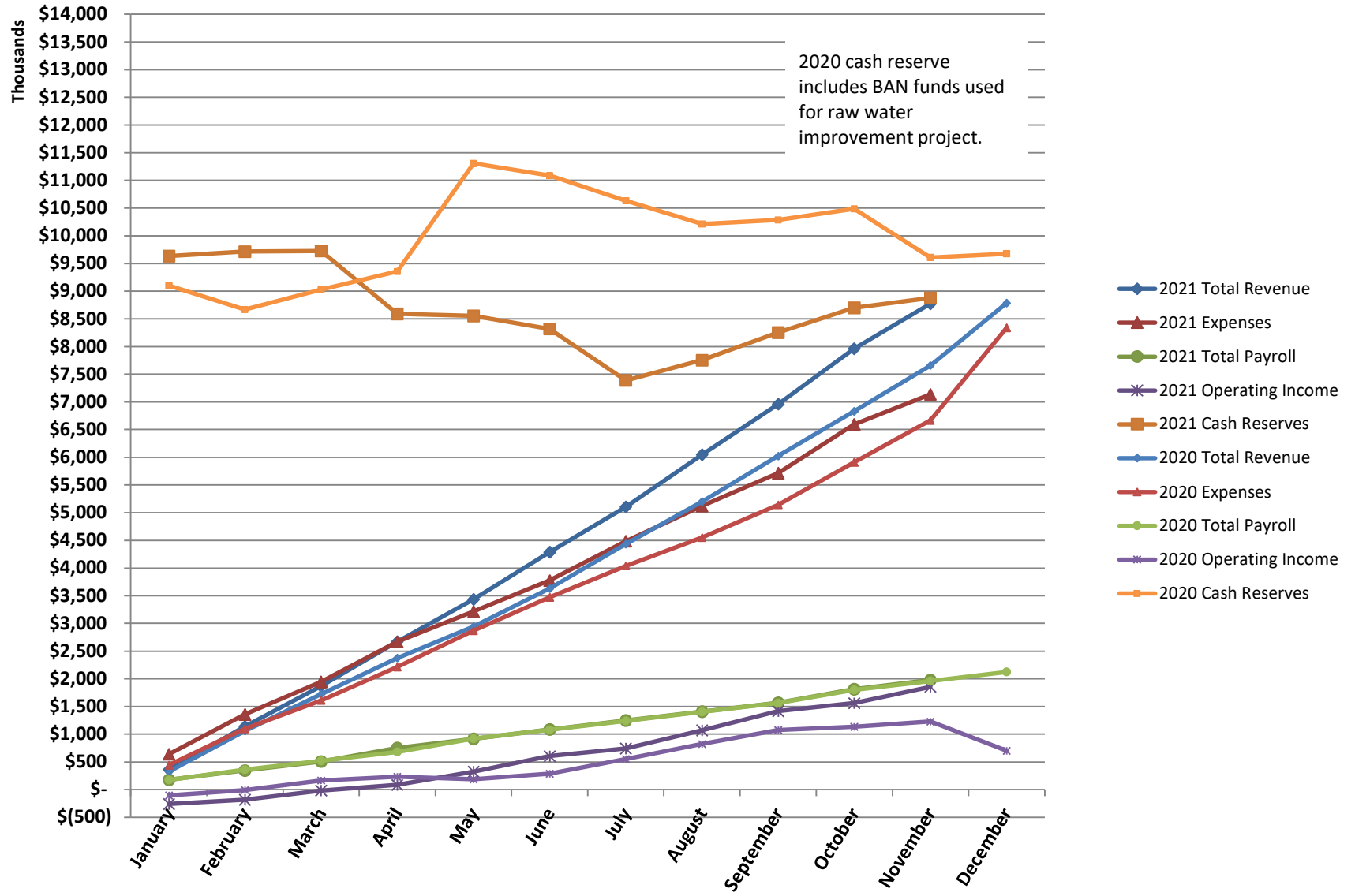
PRESIDENT

SECRETARY

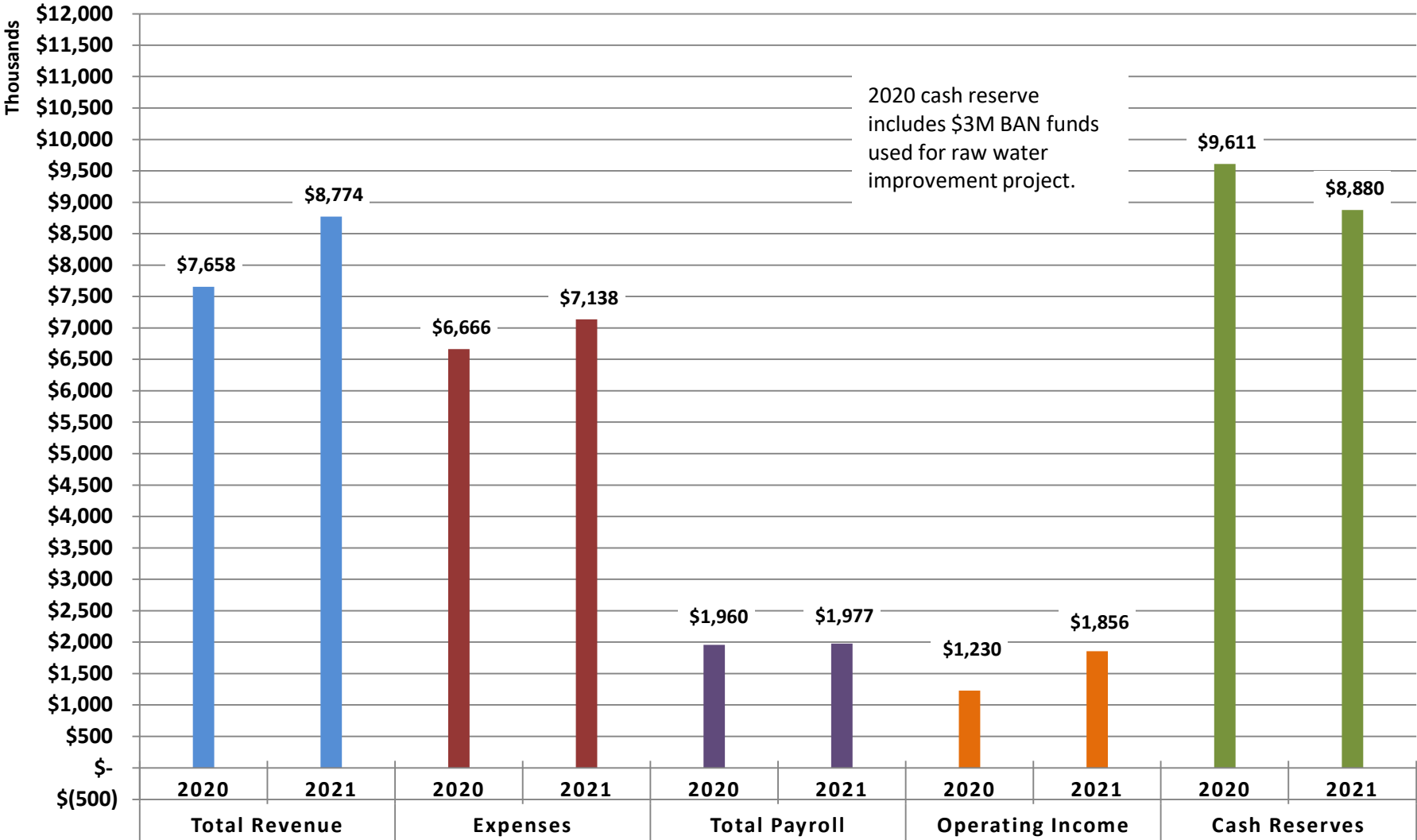
MEMBER

SUPERINTENDENT

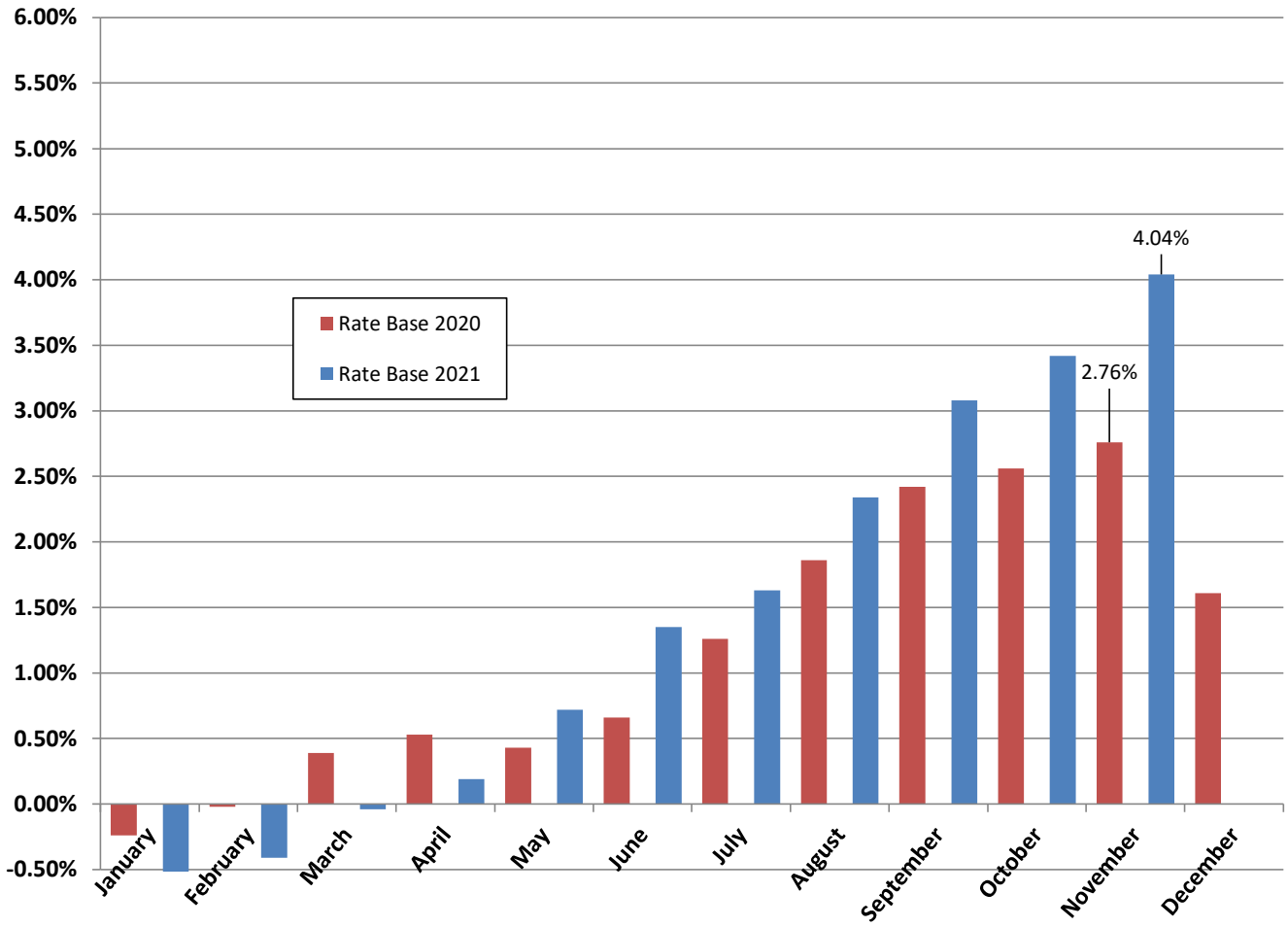
SHEBOYGAN WATER UTILITY NOVEMBER 2021 MONTHLY FINANCIAL TREND



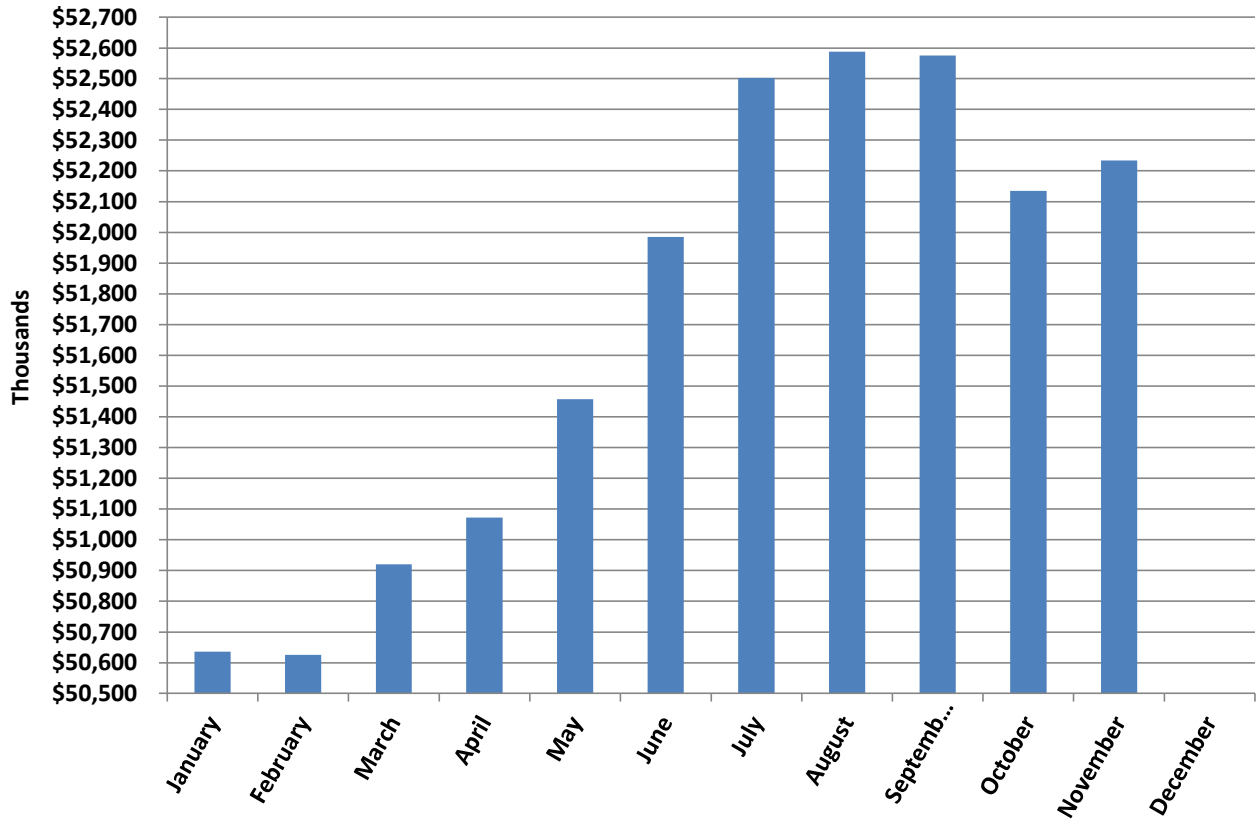
SHEBOYGAN WATER UTILITY NOVEMBER 2021 YTD FINANCIAL POSITION



SHEBOYGAN WATER UTILITY NOVEMBER 2021 RETURN ON RATE BASE

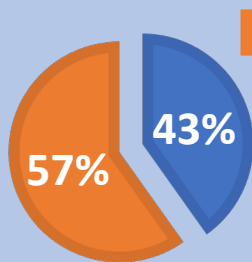


SHEBOYGAN WATER UTILITY NOVEMBER 2021 UTILITY PLANT BALANCE



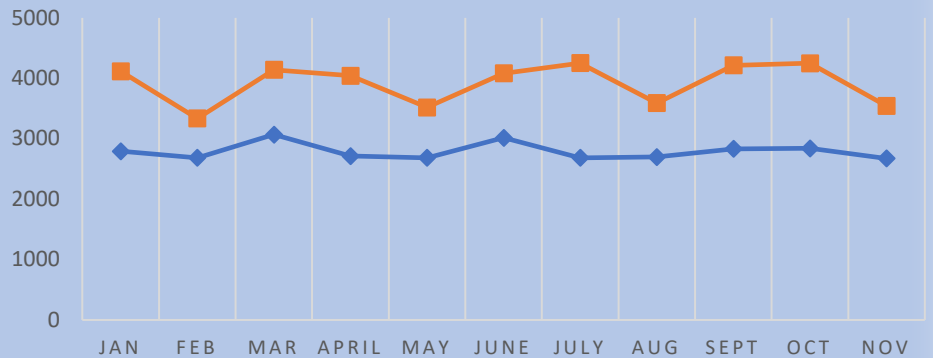
CUSTOMER RELATIONS & FISCAL SUMMARY

PAYMENT TRANSACTIONS



Electronic Cash/Check

6,215
Total # of November
Payments Processed



COLLECTIONS

District 1

\$1,067,465

Billed

\$256,698

Outstanding
After Due Date

1316

Past Due Letters Mailed

0*

Disconnection
Letters Mailed

0*

Properties Disconnected

\$86,483

Outstanding At
Month End

**Disconnections held
to December due to
tax roll process*

PAYMENT BY SOURCE

	Nov 2020	Nov 2021
Payment Window	0	465
Drop Box Payments	554	261
Electronic Payments	3170	3541
Cash/Check Payments	2068	1948
Total Payments	5792	6215

Payments Returned NSF **13**

UTILITY BILLS

Mailed
5,496

Paperless
799



**NOVEMBER
2021**

CUSTOMER RELATIONS & FISCAL SUMMARY

CUSTOMER SERVICE

	November 2020	November 2021
Answered Calls All Lines	1197	1177
Account Transfers	212	272
Property Data Requests	95	98

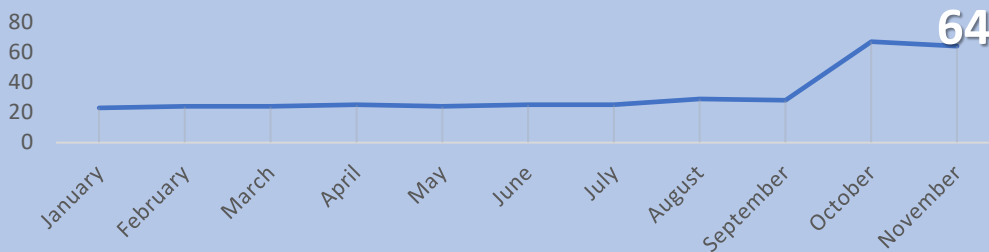
PSC COMPLAINTS

0 PSC Complaint(s) Filed

ACCOUNTS PAYABLE

173 Invoices Paid

LEAD SERVICE LINE REPLACEMENT ACTIVE LOANS



TAX ROLL

	2020	2021
Number of Customer Letters Mailed	1497	1906
Number of Owner Letters Mailed	691	916
Dollars Subject to Tax Roll as of October 15	\$492,953.85	\$434,025.37
Dollars Subject to Tax Roll as of November 1	\$364,749.96	\$299,132.77
Dollars 10% Penalty	\$34,235.62	\$29,912.85
Total Outstanding Dollars as of November 15 w/Penalties	\$398,985.58	\$278,727.60
Total Outstanding Garbage & Sewer Dollars w/Penalties as of November 15	\$249,164.95	\$190,473.28
Total Outstanding <u>Water</u> Dollars w/Penalties as of November 15	\$ 114,181.23	\$84,637.26
Total Outstanding Delinquent LSL Replacement Loans (3)		\$3,616.33

*Added Recycling Fee Collections 01/01/2020

*No disconnections due to pandemic April 2020-April 2021

*Resumed Disconnection 4/2021 for \$300+ Balances

*2020 balances \$150+ Subject to Tax Roll

*2021 balances \$10+ Subject to Tax Roll

CUSTOMER ASSISTANCE PAYMENTS

Number of Payments Received: **13**

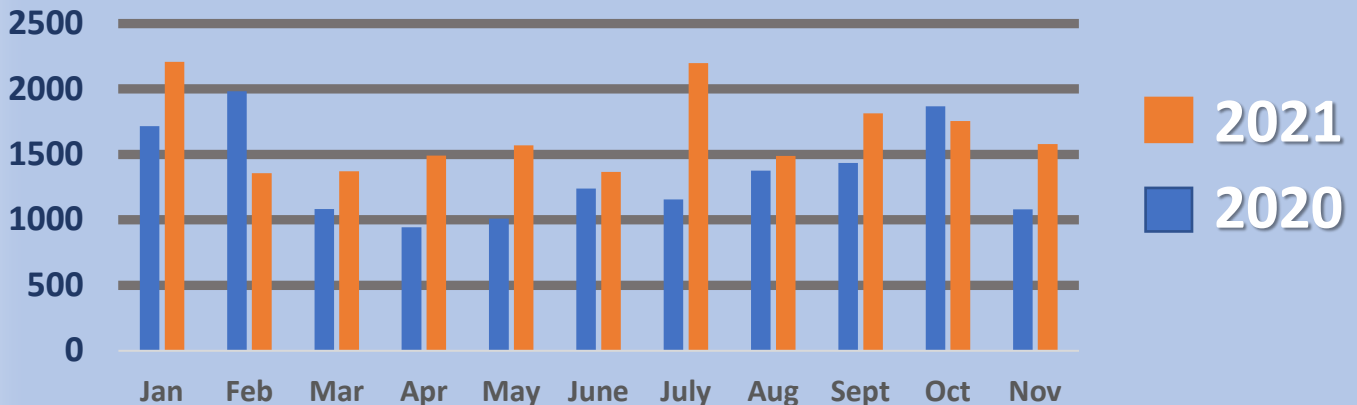
Total Dollars: **\$3,725.03**

*Payments received from Wisconsin Emergency Rental Assistance Program, LIHEAP, Salvation Army, and St. Vincent DePaul for customer benefit.

NOVEMBER 2021

CUSTOMER RELATIONS & FISCAL SUMMARY

SERVICE TECH MILES DRIVEN



CROSS CONNECTION

94 Inspections by SWU
45 Inspections by Hydro Corp

4 Facilities with Compliance Issues



LEAD EDUCATION

17 WDNR Lead in Drinking Water Brochures Distributed at home visits

LEAK ALLOWANCES ISSUED

5 Customer Requests **290** CCF Allowed @ Reduced Rate



SERVICE LEAKS

0 New Reported Leaks
1 Leaks Fixed
2 Active Leak(s) Month End

METERS

107 Meters Installed/Replaced
25 Meters Tested



**NOVEMBER
2021**

CUSTOMER RELATIONS & FISCAL SUMMARY

FACEBOOK PAGE



14 November New Followers

719 Total Followers

WEBSITE VISITORS

3,112



2020 Visits in November: 2,338

Top Page Viewed: Pay Your Bill

ADDITIONAL CR/F ACTIVITIES NOVEMBER

- ◆ Delinquent accounts were sent to tax roll for collection on November 15, 2021.
- ◆ Continued the interview process for a new USS.
- ◆ Service Techs continued their work changing out and testing water meters.
- ◆ Work on annual performance evaluations began.
- ◆ Staff attended WIAWWA annual customer service seminar virtually.
- ◆ Continued work on moving accounts payable to electronic format.
- ◆ Staff submitted SMART Goals for 2022.

NOVEMBER
2021

MONTHLY CONSTRUCTION-MAINTENANCE DEPARTMENT REPORT

November 2021

Distribution System Maintenance:

- C/M staff worked through the annual inventory counting process.
- Helped Operations with the removal and reinstallation of the pump at the EE Booster Pit.
- Installed gate at the N 36th St. site.
- Completed fall hydrant checks.
- Started berm removal at Georgia Pump Station.
- Replaced hydrant barrel on hydrant that was struck by automobile on Humboldt Ave.
- Relocated hydrant on S 17th Street.
- Replaced hydrant on Alabama Ave.
- Repaired main breaks on S 17th Street and South Business Drive.
- Repaired service holes.
- Hauled in fill to replenish stock.

Water Quality:

- Finished seasonal dead-end flushing.

Taps:

- 1" tap at 613 Huron Ave. Lead Service was removed from the system.
- 1" tap at 1103 Superior Ave. Lead Service was removed from the system.
- 1" tap at 828 Swift Ave. Lead Service was removed from the system.
- 1" tap at 2415 N 5th St. Lead Service was removed from the system.

Building/Grounds Maintenance:

- General shop maintenance and cleaning.

Equipment Maintenance:

- Performed routine maintenance and repairs on construction equipment and vehicle fleet.

Distribution System -- November 2021

Street Valves and Hydrant Valves Installed (including water main projects and others)

Location	Date Installed	Size ("), Jt	Installed By	Type
Total Valves Installed = 0				

Street Valves and Hydrant Valves Removed

Location	Installed	Abandoned	Type
Total Valves Removed = 0			

Street Valves and Hydrant Valves Abandoned

Location	Installed	Abandoned
Total Valves Abandoned = 0		

Street Valves and Hydrant Valves Maintained

Location	Maintained	Size
Total Valves Maintained = 0		

Hydrants Installed (including water main projects and others)

Location	Installed	Tr Size	Valve	By
Alabama Ave. 340' E. of c.l. S. 7th St. (N)	11/15/2021	7'	n	ute.
N. 17th St south of Wisconsin Ave	11/30/2021			ute.
Total Hydrants Installed = 2				

Hydrants Removed (including water main projects and others)

Location	Installed	Removed	Hyd Valve?	By
Alabama Ave. 340' E. of c.l. S. 7th St. (N)		11/15/2021	n	ute.
Total Hydrants Removed = 1				

Hydrants Abandoned (including water main projects and others)

Location	Installed	Abandoned	Tr Size	Hyd Valve?
Total Hydrants Abandoned = 0				

Hydrants Maintained/Moved (including water main projects and others)

Location	Installed	Maintained
Total Hydrants Maintained/Moved = 0		

Water Main Breaks

Location	Date	Size
N. 17th St south of Wisconsin Ave	11/1/2021	6"
South Business Drive and Oakland Ave	11/25/2021	8"
Total Water Main Breaks = 2		

SUMMARY

Number of feet of 4 inch water main installed	0.0	water main
Number of feet of 6 inch hydrant lead installed	0.0	
Number of feet of 6 inch water main installed	0.0	
Number of feet of 8 inch water main installed	0.0	
Number of feet of 12 inch water main installed	0.0	
Number of feet of 16 inch water main installed	0.0	
Number of feet of 20 inch water main installed	0.0	
Number of feet of 24 inch water main installed	0	
Number of feet of water main abandoned or removed	0	
Number of water main breaks repaired	2	
Number of hydrants installed	2	hydrants
Number of hydrants removed or abandoned	1	
Number of hydrants maintained or moved	0	
Number of street valves installed	0	valves
Number of hydrant valves installed	0	
Number of street valves removed or abandoned	0	
Number of hydrant valves removed or abandoned	0	
Number of valves maintained	0	
Number of water connections installed	4	

November 2021

OPERATIONS' DEPARTMENT MONTHLY REPORT

PUMPAGE	HIGH LIFT		LOW LIFT		2021 VS 2020
	2020	2021	2020	2021	
Total in MG	344.885	344.495	349.851	351.585	HL -0.11%
Daily Average (MG)	11.496	11.501	11.662	11.720	
Max. Day (MG)	14.787	13.408	14.495	13.862	2021 VS 2019
					HL
Gal/Kwh	1,188	1,207	5,109	4,950	3.15%
ELECTRICAL COSTS					
	2020		2021		
A. Pumping:	Kwh	\$	Kwh	\$	
High Lift	287,436	\$21,264.80	285,951	\$19,661.78	
Low Lift	67,992	\$5,030.11	71,031	\$4,884.04	
Wash Pump 1	2,100	\$155.36	2,800	\$192.53	
Georgia St. Bstr.	51,300	\$4,617.67	46,500	\$4,297.29	
Wilgus Ave. Bstr.	2,800	\$342.93	3,100	\$379.76	
EE Pit / Bstr.	4,913	\$571.20	3,473	\$413.28	
Erie Ave. Bstr.	0	\$0.00	0	\$0.00	
Sub Total	416,541	\$31,982.07	412,855	\$29,828.67	\$/Kwh -5.9%
B. Treat./Fiscal/Misc.	Kwh	\$	Kwh	\$	
Office & Maint. Bldg.	4,690	\$500.08	5,671	\$630.74	
Filter Plant / Pump Station / 2nd Service	47,472	\$5,700.75	49,818	\$5,249.50	
Sub Total	52,162	\$6,200.83	55,489	\$5,880.24	\$/Kwh -10.9%
C. Distribution:	Kwh	\$	Kwh	\$	
Taylor Hill Tank	1,632	\$203.15	1,431	\$182.92	
Kohler Meter Pit	0	\$0.00	0	\$0.00	
EE Tower	1,310	\$166.13	1,746	\$219.12	
Washington (PRV) Pit	621	\$91.57	587	\$89.89	
Sub Total	3,563	\$460.85	3,764	\$491.93	\$/Kwh
Total Electrical Costs	472,266	\$38,643.75	472,108	\$36,200.84	-6.3%
Electrical Cost / MG		\$112.05		\$104.92	
	2020		2021		
NATURAL GAS COSTS	CCF Used	Cost	CCF Used	Cost	
Production Facility	992	\$376.50			
South Basin	1,346	\$594.83	2,224	\$1,911.20	
Georgia St. Bstr.					
Erie Ave. Bstr.	30	\$40.28	186	\$188.99	
Wilgus Ave. Bstr.			4	\$19.91	
Office & Maint. Bldg.	544	\$219.77	791	\$702.39	
Total Natural Gas Costs	2,912	\$1,231.38	3,205	\$2,822.49	\$/CCF 108.3%
Natural Gas Cost / MG		\$3.57		\$8.18	
	2020		2021		
CHEMICAL COSTS	Lbs. Used	Cost	Lbs. Used	Cost	
Alum	61,789	\$8,743.14	59,811	\$8,463.26	0.0%
Carbon	0	\$0.00	0	\$0.00	#DIV/0!
Chlorine	6,517	\$5,330.91	6,095	\$4,205.55	-15.6%
Fluoride	1,597	\$1,405.36	1,669	\$1,814.20	23.5%
KMnO4	0	\$0.00	16	\$56.98	#DIV/0!
Cationic Polymer	1,462	\$2,266.10	0	\$0.00	#DIV/0!
Liquid Phosphate	2,422	\$3,075.94	2,945	\$3,893.29	4.1%
Total Chemical Costs		\$20,821.45		\$18,433.28	-11.5%
Chemical Cost / MG		\$60.37		\$53.42	
Grand Total		\$60,696.58		\$57,456.61	-5.34%
Total Cost / MG		\$175.99		\$166.52	-5.38%

YTD HL 2021 vs 2020	5.39%	YTD HL HIGH DAY PUMPAGE	17.207	July 26, 2021
YTD HL 2021 vs 2019	-0.45%	YTD HL LOW DAY PUMPAGE	7.251	January 1, 2021

NOTE:

	YTD HL Ave Day
2021	12.537
2020	11.724
2019	12.554

COMPARATIVE SUMMARY OF PLANT OPERATIONS

November 2020

vs

November 2021

Pumping Record

High Lift

Low Lift

	2020	2021	Diff.		2020	2021	Diff.
Tot. Water in MG	344.885	344.495	-0.11%	Tot. Water in MG	349.851	351.585	0.50%
Daily Average	11.496	11.501	0.04%	Daily Average	11.662	11.720	0.50%
Maximum Day	14.787	13.408	-9.33%	Maximum Day	14.495	13.862	-4.37%
Minimum Day	8.366	7.990	-4.49%	Minimum Day	8.207	7.975	-2.83%
By Natural Gas	3.316	0.000	-100.00%	By Natural Gas	2.475	0.000	-100.00%
Power in KWH	287,436	285,951	-0.52%	Power in KWH	67,992	71,031	4.47%
Gals. per KWH	1,188	1,207	1.57%	Gals. per KWH	5,109	4,950	-3.12%
Power \$ / KWH	\$0.07398	\$0.06876	-7.06%	Power \$ / KWH	----	----	----
Power \$ / MG	\$61.66	\$56.98	(\$4.68)	Power \$ / MG	\$14.38	\$13.89	(\$0.49)
Tot. Power \$/MG	\$112.19	\$105.40	(\$6.79)	Tot. Power \$/MG	----	----	----

Treatment Chem.

Lbs. Used

Cost

Total Lbs.	2020	2021	Diff.	Total Cost	2020	2021	Diff.
Alum	61,789	59,811	-3.20%	Alum	\$8,743.14	\$8,463.26	(\$279.88)
Carbon			#DIV/0!	Carbon	\$0.00	\$0.00	\$0.00
Chlorine	6,517	6,095	-6.48%	Chlorine	\$5,330.91	\$4,205.55	(\$1,125.36)
KMnO4	0	16	#DIV/0!	KMnO4	\$0.00	\$56.98	\$56.98
Polymer	1,462	0	-100.00%	Polymer	\$2,266.10	\$0.00	(\$2,266.10)
Liquid Phosphate	2,422	2,945	21.59%	Liquid Phosphate	\$3,075.94	\$3,893.29	\$817.35
Lb/ MG:				Cost / MG:			
Alum	176.6	170.1	-3.68%	Alum	\$24.99	\$24.07	(\$0.92)
Carbon	0.0	0.0	#DIV/0!	Carbon	#DIV/0!	#DIV/0!	#DIV/0!
Chlorine	18.6	17.3	-6.94%	Chlorine	\$15.24	\$11.96	(\$3.28)
KMnO4	0.0	0.0	#DIV/0!	KMnO4	#DIV/0!	\$0.16	#DIV/0!
Liquid Phosphate	6.9	8.4	20.99%	Liquid Phosphate	\$8.79	\$11.07	\$2.28
Fluoride:				Fluoride:			
Total Lbs.	1,597	1,669	4.51%	Cost	\$1,405.36	\$1,814.20	\$408.84
mg/l applied as F	0.70	0.69		Cost/MG	\$4.09	\$5.27	\$1.18
Av. Res. Plt. Tap	0.68	0.70					

Water Quality:

Raw

TAP

	2020	2021		2020	2021
Turbidity	12.20	7.60		0.030	0.059
pH	8.22	8.23		7.63	7.56
Alkalinity	109.7	111.6		102.3	101.0
MF (E-Coli)	2.8	0.5		0.00	0.00
Temperature	42.3	44.0		0	0
Wash-H2O % /LL	2.34	2.44		44.4	46.4
Av. Flt. Run/hrs	120.6	116.7		0.87	0.91
Av. ROF / MG	1.36	1.34			

Natural Gas:

	2020	2021		2020	2021	Diff.
Nat. Gas Heating	1,822	2,160	Plant & South Basin	\$775.49	#DIV/0!	#DIV/0!
Nat. Gas Pumping	516	64		\$195.84	#DIV/0!	#DIV/0!

	CCF	Cost	Natural Gas Cost	Natural Gas CCF
#3 Gas Pump	0.0	#DIV/0!	\$1,911.20	2,224
#4 Gas Pump	0.0	#DIV/0!		
#7 Gas Pump	0.0	#DIV/0!		
Electric Generator	64.0	#DIV/0!		
Pumping totals	64.0	#DIV/0!		

November 2021

		12/1/2021	11/1/2021	
Elapsed Time:				
% Run	No. 6 Pump	64,493.1	64,193.1	300.0
40.3%	Wash Pump Meter	5,300.21	5,281.00	19.21
2.58%	No. 7 Pump	735.6	735.6	0.0
0.0%	No. 8 Pump	59,533.8	59,514.9	18.9
2.5%	No. 9 Pump	15,313.0	14,612.0	701.0
94.2%	Wash Pump 2	792	782	10
1.3%	No. 1 Prime Pump	1,037.0	1,035.3	1.7
	No. 2 Prime Pump	1,104.5	1,102.2	2.3

		12/1/2021	11/1/2021	
Wathour Meters:				
Kw/Hr run	Wash Pump 1	1229.1	1225.1	2,800
145.8	No. 9 Pump	5248.34	5201.95	46,391
66.2	No. 8 Pump	6834.4	6826.4	2,800
148.1	No. 6 Pump	9836.2	9758.2	21,840
72.8	Wash Pump 2	81.547	80.507	1,248
124.8	No. 1 Pump	8488.089	8488.089	0
#DIV/0!	No. 2 Pump	4670.542	4650.384	20,158
239.5	No. 3 Pump	9327.512	9215.815	111,697
291.5	No. 4 Pump			0
#DIV/0!	No. 5 Pump	8,964.641	8,810.545	154,096
479.8				
	Garage (MWatt/Hrs.)	1,045.76	1,043.92	1,840
	Power Co. (Step #3)	34,017	33,670	416,400
	Left Meter - OUTSIDE			
	Volume Used:			
	Nat. Gas (Correct)	43,621,418	43,526,405	119,431

		12/1/2021	11/1/2021	
Elapsed Time:				
	Emer. Generator	985.5	982.3	3.2
Elapsed Time:				
% Run	No. 1 Pump	15,741.0	15,741.0	0.0
0.0%	No. 2 Pump	19,940.20	19,856.03	84.17
11.3%	No. 3 Elec. Pump	32,455.5	32,072.4	383.2
51.5%	No. 3 Nat. Gas Pump	514.4	514.4	0.0
0.0%	No. 4 Elec. Pump	0.00	0.00	0.0
0.0%	No. 4 Nat. Gas Pump	1,690.5	1,690.5	0.0
0.0%	No. 5. Pump	18,753.290	18,432.130	321.160
43.2%	UV Building Generator	114.4	111.9	2.5
0.3%				

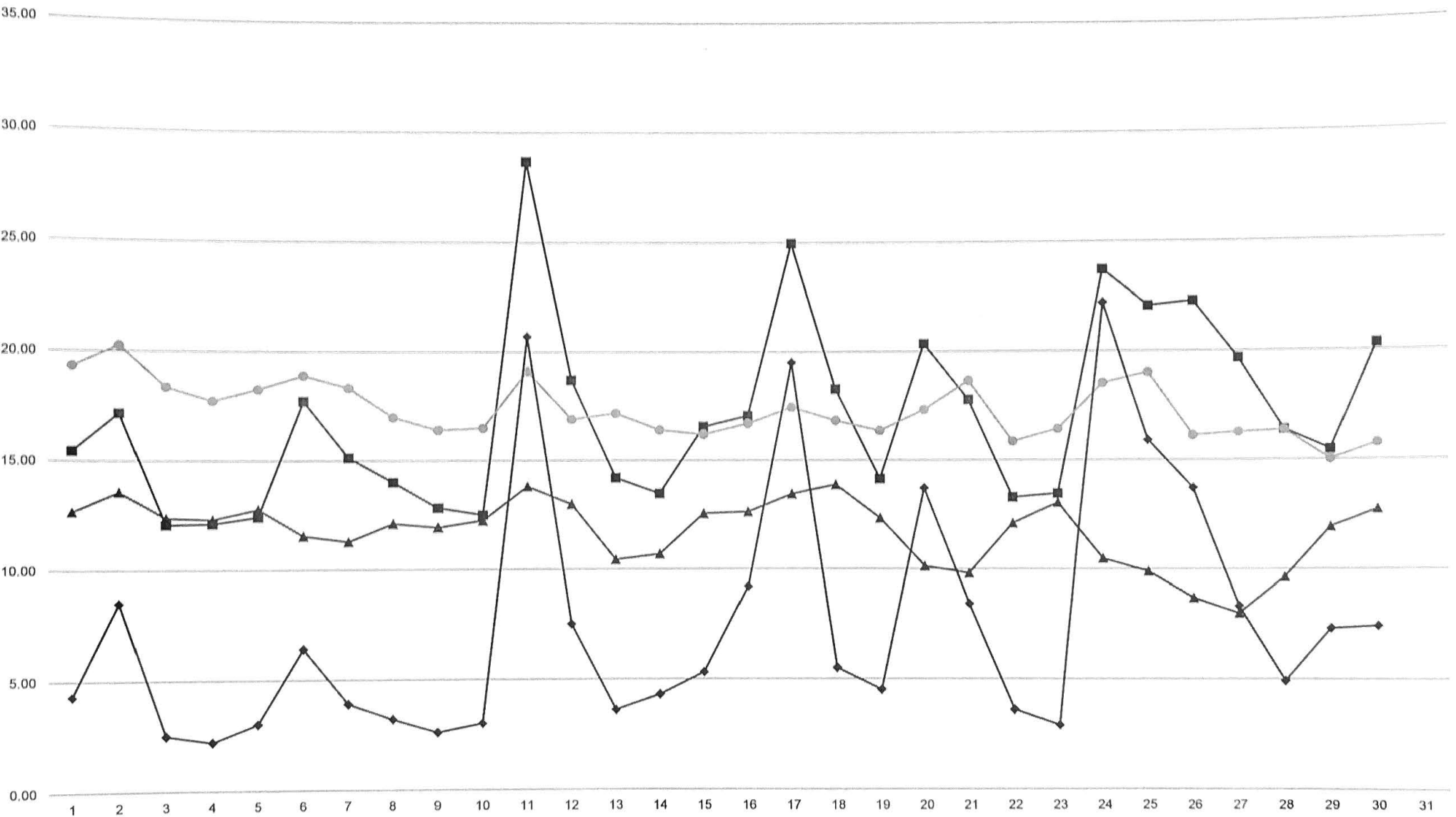
		12/1/2021	11/1/2021	
SLUDGE No. 1 Hour Meter		0.0	0.0	0
SYSTEM No. 2 Mag Meter		2,537,670	1,721,180	816,490
Recycle Meter (Reset to zero each month)				816,490

Power Cost	\$0.0687593	Bill >>>>	\$31,271.71
	0.199483824	KWH >>>	454,800
Init. Chg.	\$28,631.35		
	\$	KWH	
Kohler Pit			
Horizon	\$167.50	1,243	
Taylor	\$182.92	1,431	
ALT. 72 Park	\$1,356.49	6,800	
Geo. Ave.	\$4,297.29	46,500	
Wilgus Ave.	\$379.76	3,100	
EE Pit	\$413.28	3,473	
EE Tower	\$219.12	1,746	
Washington	\$89.89	587	
Office	\$630.74	5,671	
Erie Ave.			
Total	\$36,368.34	486,951	
			Low L. KWH 71,031
			L.L. Cost \$ \$4,884.04
			High L. KWH 285,951
			H.L. Cost \$ \$19,661.78
			Total Cost \$24,545.82
			Plant Costs \$5,249.50

SUMMARY

	HIGH LIFT		LOW LIFT	
	2020	2021	2020	2021
Tot. Pump	344.885	345.043	349.851	351.585
Daily Ave.	11.496	11.501	11.662	11.720
Max. Day	14.787	13.408	14.495	13.862
Min. Day	8.366	7.990	8.207	7.975
By Nat. Gas	3.316	0.000	2.475	0.000
Power KWH	287,436	285,951	67,992	71,031
Gals/KWH	1188	1207	5109	4950
Cost/KWH	\$0.07398	\$0.06876	*****	*****
Cost/MG	\$61.66	\$56.98	\$14.38	\$13.89
Tot. Cost/MG	\$112.19	\$105.40	*****	*****

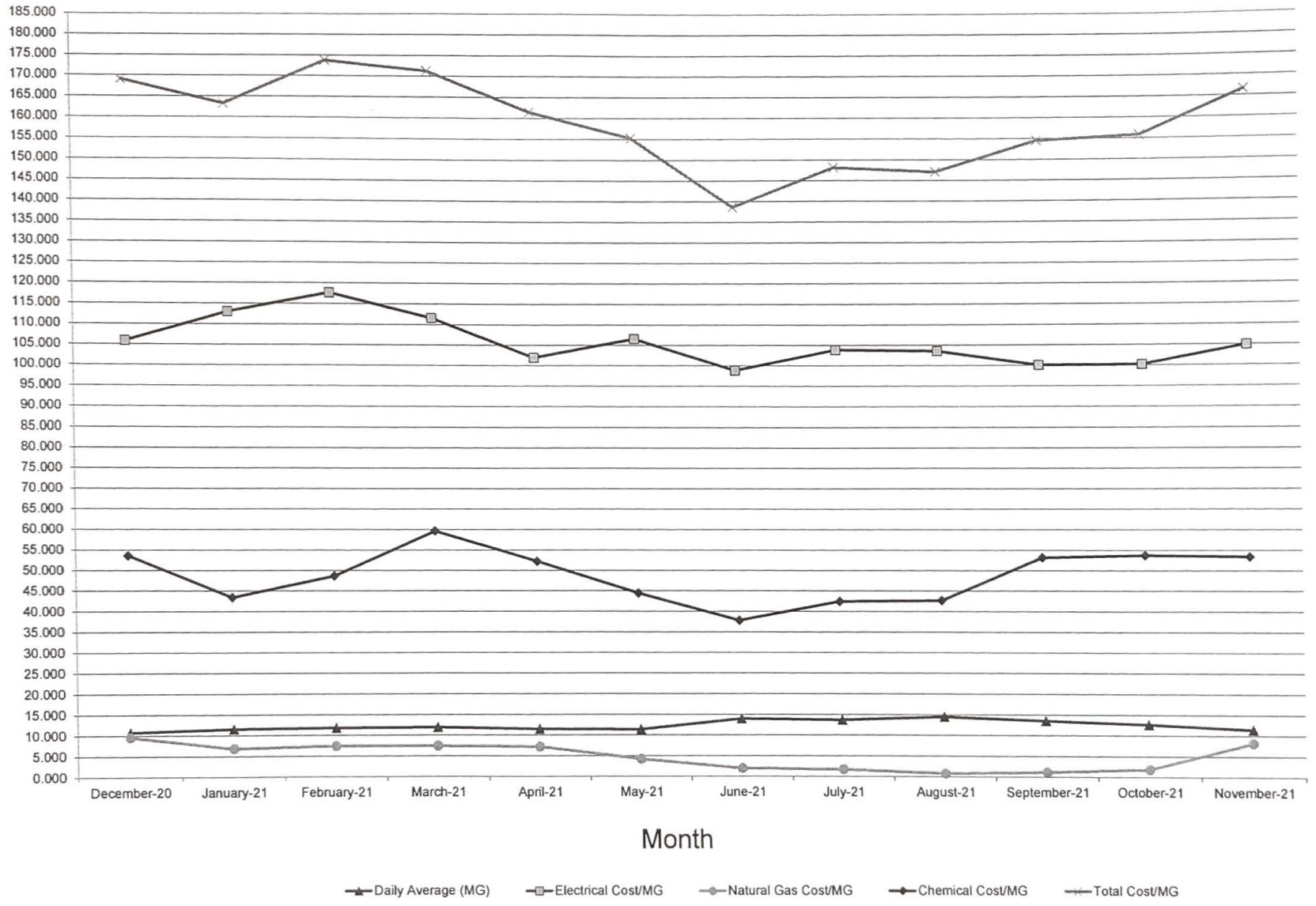
November 2021: Sheboygan Water Utility Plant Operations Summary



▲ Flow (MGD) ■ Alum (lbs/MG) ● CL2 (lbs/MG) ◆ Raw Turbidity (NTU's)

Scaling
Alum (x.10)

Plant Operations: Expense Report



Filter Plant Maintenance Completed For November 2021

Subject	StartDate	EndDate	Description
Monday Meeting	1-Nov-21		
Acme Armature	2-Nov-21		EE booster pump install, coverage, self-assessment, furnace, East Basin decant, sump pump, etc.
EE Pump 9 Issue	2-Nov-21		Drop off EE booster pump for rebuild.
EE Booster Pit	2-Nov-21		Diagnose air/poor flow issue on EE 9.
Menards	3-Nov-21		Remove EE booster pump, install rebuilt pump, and disconnect rebuilt pump because of gasket failure.
SMART Goal and Self Evaluation	3-Nov-21		Purchase filter hall clock, batteries, and thermometer for Taylor drive.
Acme Armature	3-Nov-21		Complete self-evaluation and SMART goal.
EE Booster Pit	3-Nov-21		Drop off leaking EE booster pump.
Taylor Hill	4-Nov-21		Remove leaking pump from pit.
UV Sleeves	4-Nov-21		Install new dog house thermometer.
City Hall	4-Nov-21		Inspect new UV sleeves; found 1 out of 9 with defect.
Wilgus Ave.	4-Nov-21		Purchase Wilgus Ave. address numbers; original ones missing.
Erie Ave.	4-Nov-21		Check heater operation and inspect grounds.
Horizon	4-Nov-21		Run generator, check reagents, test heaters, etc.
Filter Plant Garbage	5-Nov-21		Continue working on Rubatex install.
FSO	5-Nov-21		Remove filter plant garbage and recycling.
Horizon Ave.	5-Nov-21		Setup sludge press, run hoses, etc.
East Basin	5-Nov-21		Continue applying Rubatex to pipe.
4" Waste Line Bracket	8-Nov-21		Begin decanting East Basin; started at 6:50 a.m.
Waste Bracket	8-Nov-21		Install new 4" waste line brackets in pipes gallery.
Dakota Supply Group	8-Nov-21		Fabricate new strut bracket.
12" Sludge Valve	8-Nov-21		Order more 1/2" Rubatex and check on raw water supplies.
East Basin	8-Nov-21		Repair 12" sludge valve; broken 5/16" bolts.
West Basin	9-Nov-21		Switched over hill valves, closed outfall, grab sample, and opened drains.
Begin Mapping 20" Pipe Repair	9-Nov-21		Begin placing West basin service tools, setting barricades, and removing decant box covers.
High Lift Pump 4	9-Nov-21		Trace lines in high lift pipe gallery, check plumbing materials, and diagram each pipes route.
Menards	9-Nov-21		Repair broken 1" and 1/2" pipes, remove defective air relief, and install new stainless hardware.
EE Booster Pump	10-Nov-21		Purchase stainless steel pipe fittings, valves, etc. for high lift pump 4 repair.
Acme Armaturex2	10-Nov-21		Install Rebuilt EE booster pump.
Maintenance Shop	10-Nov-21		Pickup rebuilt pump and drop pump pallet.
East Basin	11-Nov-21		Cleanup tools and parts.
East Basin	11-Nov-21		Repair door on SE wall.
East Basin	11-Nov-21		Inspect upper and lower levels; decant valve stem shaft needs replaced.
Menards	11-Nov-21		Switch over hill valves, ready filter, transfer duty to sludge pump 2, etc.
Dan on Vacation	12-Nov-21	15-Nov-21	Purchase high lift clock, eye hooks, and large hinges.
Joshua Operating 3rd Shift	15-Nov-21	22-Nov-21	Dan on vacation
West basin cleaning repair	16-Nov-21	19-Nov-21	Joshua operating 3rd shift for Jeff.
Joshua off for Coverage	22-Nov-21	23-Nov-21	West basin cleaning and repair
South basin cleaning	22-Nov-21		Joshua off for covering 3rd shift.
South basin cleaning maintenance	23-Nov-21		South basin cleaning
Dan Covering 3rd shift	24-Nov-21	29-Nov-21	South basin cleaning and maintenance
Operator Office and Laboratory	24-Nov-21		Dan Covering 3rd shift for Glen
Taylor Hill	24-Nov-21		Clean laboratory, ops office, and front hall.
Dakota Supply Group	24-Nov-21		Replace reagents, check grounds, and run pit sump pump.
Laboratory Battery Backup	24-Nov-21		Purchase new M18 light and Milwaukee cutter blades.
Filter NTU Meters	24-Nov-21		Replace battery in laboratory battery backup.
THANKSGIVING HOLIDAY	25-Nov-21		Clean filter 1-11 NTU meters.
Dan off for coverage	29-Nov-21	30-Nov-21	THANKSGIVING HOLIDAY OBSERVED
Monday Meeting	29-Nov-21		Dan off for coverage
East Basin	29-Nov-21		Topics include East basin repair, potassium day tank cleaning, coverage, etc.
Potassium Feed Tank	29-Nov-21		Begin decanting/draining East basin for valve repair.
Fluoride Feed Hose	29-Nov-21		Clean potassium feed tank.
East UV Reactor	30-Nov-21		Replace fluoride feed pump hose.
East UV Reactor	30-Nov-21		Remove faceplate, reinstall rear cups, remove wiping mechanism, and reassemble.
Operator Refrigerator	30-Nov-21		Remove and install new quartz sleeves.
			Clean operator refrigerator.



Public Service Commission of Wisconsin

Rebecca Cameron Valcq, Chairperson
 Ellen Nowak, Commissioner
 Tyler Huebner, Commissioner

4822 Madison Yards Way
 P.O. Box 7854
 Madison, WI 53707-7854

Public Service Commission of Wisconsin
 RECEIVED: 12/13/2021 2:35:00 PM

December 13, 2021

Mr. Joe Trueblood, Superintendent
 Sheboygan Water Utility
 72 Park Avenue
 Sheboygan, WI 53081

Re: Application of the City of Sheboygan, Sheboygan County, 5370-WR-110
 Wisconsin, as a Water Public Utility, for Authority to
 Adjust Water Rates

Dear Mr. Trueblood:

Public Service Commission (Commission) staff has analyzed the Sheboygan Water Utility (Utility) application for a water rate increase. The Commission received the application on July 21, 2021. The attached proposed exhibit (Exhibit) contains schedules showing Commission staff's proposed cost-of-service analysis and proposed rates. Commission staff intends to submit this Exhibit at the public hearing, which will be scheduled at a later date.

The revenue requirement for the 2021 test year is comprised of the following:

Operation and Maintenance Expenses	\$	4,767,984
Depreciation Expense	\$	1,671,611
Property Tax Equivalent and Other Taxes	\$	1,411,271
Return on Rate Base	\$	2,233,276
Total	\$	10,084,142

Commission staff used a 4.90 percent rate of return on the estimated water utility net investment rate base for the 2021 test year, as recommended by our staff auditor. ([PSC REF#: 425180.](#))

Schedule 13 of the Exhibit shows the proposed rates that would increase annual revenues from water public utility service by an estimated \$654,912, of which \$627,778 would be from general service customers, and \$27,134 would be from the public fire protection (PFP) charge. The general service increase includes a \$25,864 increase in wholesale charges for the Village of Kohler and a \$29,407 increase in wholesale charges for the City of Sheboygan Falls. The PFP increase includes an \$811 increase in wholesale PFP for the Village of Kohler and a \$2,793 increase in wholesale PFP charges for the City of Sheboygan Falls. The increase in water utility revenues results from a 2.87 percent increase in gross plant investment and a 2.35 percent increase in operating expenses since the Utility's last water rate case in 2020.

The overall increase in customer rates is 7.17 percent, comprised of a 7.65 percent increase in

Mr. Joe Trueblood
Docket 5370-WR-110
Page 2

general service charges and a 2.93 percent increase in PFP charges. The increase in general service charges includes a 7.75 percent increase for the Village of Kohler and a 5.35 percent increase for the City of Sheboygan Falls. The increase in PFP charges includes a 2.93 percent increase for both the Village of Kohler and the City of Sheboygan Falls.

Under the rates proposed in the Exhibit, a typical single family residential customer's bill would rise 5.62 percent including PFP. Schedule 14 of the Exhibit shows Commission staff's analysis of customer bills for comparison of proposed and present rates.

The proposed Commission staff Exhibit is intended to provide the Commission with Commission staff's analysis and is not a final decision. After review of the attached Exhibit, the Utility may present its own case and may submit any additional information it believes to be pertinent to substantiate its position within five business days of the date of this letter. If Commission staff does not receive a response within that time, it will assume the Utility is in agreement with the staff proposal, and Commission staff will contact the Utility to schedule the public hearing. Please note that this is the Utility's primary opportunity to address any concerns or changes to Commission staff's proposed cost of service and rate design Exhibit.

The Utility should be aware that the Commission will base its decision on the merits of the case and that the general service and PFP rates are typically effective within 90 days of the Final Decision.

In order to receive notification of official correspondence (i.e. data requests, notices, final decisions, etc.), individuals must subscribe to the Utility ID or PSC Docket. To subscribe, go to the Commission's [Electronic Records Filing System](#) (ERF). For help subscribing, go to [Subscribing to Dockets](#).

If you have any questions, please call me at (608) 266-3905.

Sincerely,



Andrew Fisher
Public Utility Rate Analyst
Public Service Commission of Wisconsin
Division of Water Utility Regulation and Analysis
(608) 266-3905 | Andrew.Fisher@wisconsin.gov

ALF:ajh:krl DL:01845694

cc: Brian Dickow, CPA, Baker Tilly US, LLP

Ex.-PSC-COSS and Rate Design

Sheboygan Water Utility

	<u>Schedule</u>
Comparative Income Statement	1
Net Investment Rate Base	2
Utility Financed Plant in Service and Depreciation Expense	3
System Demand Ratios	4
Allocation of Utility Financed Plant to Service Cost Functions	5
Allocation of Total Plant to Service Cost Functions	5A
Allocation of Depreciation Expense to Service Cost Functions	6
Allocation of Operation and Maintenance Expenses to Service Cost Functions	7
Summary of Allocation of Operating Costs to Service Cost Functions	8
Customer Class Demand Ratios	9
Customer Class Allocation Factors	10
Allocation of Service Cost Functions to Customer Classes	11
Comparison of Revenue at Present Rates, Cost of Service and Proposed Rates	12
Proposed Water Rates and Rules	13
Customer Water Bill Comparison at Present and Proposed Rates	14

COMPARATIVE INCOME STATEMENT

ACCT NO.	OPERATING REVENUES	TEST YEAR				
		2017	2018	2019	2020	2021
460	Unmetered Sales to General Customers					
	Residential	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
	Multi-Family Residential	0	0	0	0	0
	Commercial	0	0	0	0	0
	Industrial	0	0	0	0	0
	Public Authority	0	0	0	0	0
	Irrigation	0	0	0	0	0
461	Metered Sales to General Customers					
	Residential	2,187,875	2,297,974	2,270,882	2,385,619	2,601,051
	Multi-Family Residential	233,753	255,052	260,100	279,003	298,621
	Commercial	564,682	586,928	549,061	509,281	537,371
	Industrial	3,690,929	4,080,810	3,803,061	3,460,392	3,771,874
	Public Authority	104,699	116,421	110,428	105,515	112,276
	Irrigation	0	0	0	0	0
	TOTAL GENERAL SALES	\$ 6,781,938	\$ 7,337,185	\$ 6,993,532	\$ 6,739,810	\$ 7,321,193
462	Private fire protection service	\$ 92,804	\$ 102,339	\$ 108,901	\$ 114,600	\$ 126,318
463	Public fire protection service	814,895	878,377	902,709	909,281	926,525
465	Other water sales	0	0	0	0	0
466	Sales for resale	794,572	776,780	732,679	763,238	884,073
467	Interdepartmental sales	0	0	0	0	0
470	Forfeited discounts	56,491	48,316	49,731	33,181	33,745
472	Rents from water property	22,138	22,802	23,486	25,414	25,846
473	Interdepartmental rents	0	0	0	0	0
474	Other water revenues	83,048	143,150	91,399	109,665	111,530
	TOTAL OPERATING REVENUES	\$ 8,645,886	\$ 9,308,949	\$ 8,902,437	\$ 8,695,189	\$ 9,429,230
	OPERATING EXPENSES					
	SOURCE OF SUPPLY					
600	Operation labor	\$ 25	\$ 3,609	\$ 0	\$ 0	\$ 500
601	Operation labor and expenses	0	0	0	0	0
602	Purchased water	0	0	0	0	0
603	Miscellaneous expenses	0	0	0	0	0
604	Rents	0	0	0	0	0
610	Maintenance supervision and engineering	0	0	0	0	1,000
611	Maintenance of structures and improvements	0	0	0	0	0
612	Maint. of collecting and impounding reservoirs	0	0	0	0	0
613	Maintenance of lake, river, and other intakes	5,383	26,457	10,598	8,980	18,000
614	Maintenance of wells and springs	0	0	0	0	0
616	Maintenance of supply mains	0	0	0	0	0
617	Maintenance of misc. water source plant	0	0	0	0	0
	PUMPING EXPENSES					
620	Operation supervision and engineering	33,377	33,985	35,500	36,373	35,296
621	Fuel for power production	0	0	0	0	0
622	Power production labor and expenses	0	0	0	0	0
623	Fuel or power purchased for production	471,067	500,334	475,224	422,526	473,981
624	Pumping labor and expenses	217	341	0	0	3,920
625	Expenses transferred--credit	0	0	0	0	0
626	Miscellaneous expenses	63,432	68,690	79,428	104,209	78,029
627	Rents	0	0	0	0	0
630	Maintenance supervision and engineering	10,352	10,996	11,719	11,125	12,877
631	Maintenance of structures and improvements	93,881	112,698	157,910	135,434	172,707
632	Maintenance of power production equipment	0	0	0	0	0
633	Maintenance of pumping equipment	30,592	35,962	30,456	6,069	21,579

COMPARATIVE INCOME STATEMENT
(continued)

ACCT NO.	OPERATING EXPENSES	TEST YEAR				
		2017	2018	2019	2020	2021
WATER TREATMENT EXPENSES						
640	Operation supervision and engineering	\$ 32,292	\$ 35,915	\$ 27,159	\$ 33,266	\$ 33,395
641	Chemicals	212,750	244,682	249,225	239,797	236,614
642	Operation labor and expenses	719,225	741,974	743,508	767,948	743,164
643	Miscellaneous expenses	20,929	17,567	24,571	17,856	20,231
644	Rents	0	0	0	0	0
650	Maintenance supervision and engineering	0	0	0	0	0
651	Maintenance of structures and improvements	47,161	47,822	75,352	57,476	60,217
652	Maintenance of water treatment equipment	34,157	27,852	27,543	15,800	34,887
TRANS & DISTRIBUTION EXPENSES						
660	Operation supervision and engineering	\$ 38,303	\$ 45,247	\$ 51,660	\$ 40,017	\$ 43,526
661	Storage facilities expenses	20,255	13,703	36,356	22,559	43,944
662	Transmission and distribution expenses	87,170	101,441	100,768	139,526	118,000
663	Meter expenses	30,978	27,823	27,325	31,419	29,386
664	Customer installations expenses	116,281	129,103	122,857	206,271	122,747
665	Miscellaneous expenses	108,809	123,246	162,388	141,297	152,126
666	Rents	0	0	0	0	0
670	Maintenance supervision and engineering	0	0	0	0	1,000
671	Maintenance of structures and improvements	80,376	84,070	87,435	62,128	85,622
672	Maintenance of distr.reservoirs and standpipes	251,577	28,155	569,505	624,983	210,000
673	Maintenance of transmission and distr. mains	159,232	271,017	240,751	269,825	234,054
675	Maintenance of services	1,783	183	2,441	1,517	5,231
676	Maintenance of meters	9,299	12,628	11,265	22,408	20,469
677	Maintenance of hydrants	34,569	28,271	38,081	4,781	29,030
678	Maintenance of miscellaneous plant	0	0	0	0	0
CUSTOMER ACCOUNTS EXPENSES						
901	Supervision	31,413	37,174	29,190	38,416	40,465
902	Meter reading labor	31,659	30,014	27,053	26,736	26,487
903	Customer records and collection expenses	146,172	153,827	191,254	190,315	197,448
904	Uncollectible accounts	2,129	676	4,998	2,310	8,000
905	Miscellaneous customer accounts expenses	0	0	0	0	0
906	Customer service and Information Expenses	152	155	0	0	0
SALES EXPENSES						
910	Sales Expenses	0	0	0	0	0
ADMIN. & GENERAL EXPENSES						
920	Administrative and general salaries	193,425	230,528	211,674	234,219	240,429
921	Office supplies and expenses	19,823	17,590	14,205	25,390	16,000
922	Administrative expenses transferred -- credit	0	0	0	0	0
923	Outside services employed	45,761	26,051	21,730	35,393	75,000
924	Property insurance	36,514	35,969	43,239	46,587	43,000
925	Injuries and damages	62,014	47,178	41,131	42,459	65,000
926	Employee pensions and benefits	546,356	618,380	903,989	905,203	920,591
928	Regulatory commission expenses	22,484	6,382	18,181	14,679	30,000
929	Duplicate charges -- credit	0	0	0	0	0
930	Miscellaneous general expenses	35,831	62,513	46,292	28,566	51,033
931	Rents	0	0	0	0	0
932	Maintenance of general plant	19,976	15,858	11,201	21,624	13,000
TOTAL OPER. & MAINT. EXPENSES		\$ 3,907,181	\$ 4,056,066	\$ 4,963,162	\$ 5,035,487	\$ 4,767,984
403	DEPRECIATION EXPENSE	1,387,913	1,448,005	1,416,027	1,509,380	1,671,611
404-407	AMORTIZATION EXPENSE	0	0	0	0	0
408	TAXES AND TAX EQUIVALENT	1,255,588	1,256,282	1,254,794	1,312,384	1,411,271
TOTAL OPERATING EXPENSES		\$ 6,550,682	\$ 6,760,353	\$ 7,633,983	\$ 7,857,251	\$ 7,850,866
NET OPERATING INCOME		\$ 2,095,204	\$ 2,548,596	\$ 1,268,454	\$ 837,938	\$ 1,578,364

NET INVESTMENT RATE BASE

UTILITY FINANCED PLANT IN SERVICE	\$	69,096,431
Less: ACCUMULATED PROVISION FOR DEPRECIATION		<u>23,726,133</u>
NET PLANT IN SERVICE	\$	45,370,298
Plus: MATERIALS AND SUPPLIES		269,539
Less: REGULATORY LIABILITY		<u>62,785</u>
NET INVESTMENT RATE BASE	\$	<u><u>45,577,052</u></u>
RATE OF RETURN ON RATE BASE		4.90%

ESTIMATED INCOME STATEMENT FOR THE 2021 TEST YEAR
AND

REVENUE REQUIREMENT TO YIELD A 4.90% RETURN ON NET INVESTMENT RATE BASE

	<u>Present Rates</u>	<u>Increase</u>	<u>After Rate Increase</u>
TOTAL OPERATING REVENUES	\$ <u>9,429,230</u>	\$ <u>654,912</u>	\$ <u>10,084,142</u>
OPERATING EXPENSES:			
OPERATION & MAINTENANCE EXPENSES	\$ 4,767,984		\$ 4,767,984
DEPRECIATION EXPENSE	1,671,611		1,671,611
AMORTIZATION EXPENSE	0		0
TAXES AND TAX EQUIVALENT	<u>1,411,271</u>		<u>1,411,271</u>
TOTAL OPERATING EXPENSES	\$ <u>7,850,866</u>		\$ <u>7,850,866</u>
NET OPERATING INCOME (LOSS)	\$ <u>1,578,364</u>		\$ <u><u>2,233,276</u></u>
RATE OF RETURN ON RATE BASE	3.46%		4.90%

**UTILITY FINANCED PLANT IN SERVICE AND DEPRECIATION EXPENSE
TEST YEAR 2021**

<u>ACCT NO.</u>	<u>ACCOUNT DESCRIPTION</u>	<u>Balance 12/31/2020 (\$)</u>	<u>Major Additions</u>		<u>Retirements (\$)</u>	<u>Balance 12/31/2021 (\$)</u>	<u>Test Year Rate Base Balance (\$)</u>	<u>Depreciation</u>	
			<u>Less Retirements (\$)</u>	<u>Normal Additions (\$)</u>				<u>Rate (%)</u>	<u>Expense (\$)</u>
INTANGIBLE PLANT									
301	Organization	0	0	0	0	0	0	N/A	0
302	Franchises and Consents	0	0	0	0	0	0	N/A	0
303	Miscellaneous Intangible Plant	0	0	0	0	0	0	N/A	0
SOURCE OF SUPPLY									
310	Land and Land Rights	0	0	0	0	0	0	N/A	0
311	Structures and Improvements	0	0	0	0	0	0	3.20%	0
312	Collecting and Impounding Reservoirs	0	0	0	0	0	0	1.70%	0
313	Lake, River, and Other Intakes	627,615	0	0	0	627,615	627,615	1.70%	10,669
314	Wells and Springs	0	0	0	0	0	0	2.90%	0
316	Supply Mains	0	0	0	0	0	0	1.80%	0
317	Other Water Source Plant	0	0	0	0	0	0	4.50%	0
PUMPING PLANT									
320	Land and Land Rights	2,475	0	0	0	2,475	2,475	N/A	0
321	Structures and Improvements	2,633,461	0	52,840	0	2,686,301	2,659,881	3.20%	85,116
323	Other Power Production Equipment	553,250	0	0	0	553,250	553,250	4.40%	24,343
325	Electric Pumping Equipment	2,511,858	0	55,000	4,643	2,562,215	2,537,037	4.40%	111,630
326	Diesel Pumping Equipment	0	0	0	0	0	0	4.40%	0
328	Other Pumping Equipment	653,951	0	50,000	0	703,951	678,951	4.40%	29,874
WATER TREATMENT PLANT									
330	Land and Land Rights	13,330	0	0	0	13,330	13,330	N/A	0
331	Structures and Improvements	4,994,111	0	55,075	5,000	5,044,186	5,019,149	3.20%	160,213
332	Sand or Other Media Filtration Equipment	6,207,254	0	31,000	5,559	6,232,695	6,219,975	3.30%	205,259
333	Membrane Filtration Equipment	0	0	0	0	0	0	6.00%	0
334	Other Water Treatment Equipment	1,688,611	0	0	0	1,688,611	1,688,611	6.00%	101,317

UTILITY FINANCED PLANT IN SERVICE AND DEPRECIATION EXPENSE
TEST YEAR 2021
(continued)

<u>ACCT NO.</u>	<u>ACCOUNT DESCRIPTION</u>	<u>Balance</u>	<u>Major</u>	<u>Normal</u>	<u>Retirements</u>	<u>Balance</u>	<u>TEST YEAR</u>	<u>DEPRECIATION</u>	
		<u>12/31/2020</u>	<u>Additions</u>	<u>Additions</u>		<u>12/31/2021</u>	<u>RATE BASE</u>	<u>RATE</u>	<u>EXPENSE</u>
		<u>(\$)</u>	<u>(\$)</u>	<u>(\$)</u>	<u>(\$)</u>	<u>(\$)</u>	<u>(\$)</u>	<u>(%)</u>	<u>(\$)</u>
TRANSMISSION & DISTRIBUTION PLANT									
340	Land and Land Rights	359,433	0	0	0	359,433	359,433	N/A	0
341	Structures and Improvements	828,736	0	70,000	0	898,736	863,736	3.20%	27,640
342	Distribution Reservoirs and Standpipes	6,672,505	0	90,282	0	6,762,787	6,717,646	1.90%	127,635
343	Transmission and Distribution Mains	30,505,560	0	1,425,035	25,240	31,905,355	31,205,458	1.30%	404,941
345	Services	0	0	0	0	0	0	2.90%	0
346	Meters	4,544,879	0	172,254	70,000	4,647,133	4,596,006	5.50%	126,390
348	Hydrants	2,404,528	0	75,000	6,000	2,473,528	2,439,028	2.20%	54,893
349	Other Transmission and Distribution Plant	0	0	0	0	0	0	5.00%	0
GENERAL PLANT									
389	Land and Land Rights	0	0	0	0	0	0	N/A	0
390	Structures and Improvements	588,199	0	0	0	588,199	588,199	2.90%	16,768
391	Office Furniture and Equipment	77,615	0	15,000	9,141	83,474	80,545	5.80%	4,672
391	Computer Equipment	235,068	0	15,000	38,761	211,307	223,188	26.70%	15,867
392	Transportation Equipment	561,109	0	1,720	0	562,829	561,969	13.30%	74,742
393	Stores Equipment	0	0	0	0	0	0	5.80%	0
394	Tools, Shop and Garage Equipment	279,310	0	0	0	279,310	279,310	5.80%	16,200
395	Laboratory Equipment	31,709	0	0	0	31,709	31,709	5.80%	1,839
396	Power Operated Equipment	463,874	0	0	0	463,874	463,874	7.50%	34,791
397	Communication Equipment	60,501	0	0	0	60,501	60,501	15.00%	9,075
397	SCADA Equipment	578,008	0	95,093	0	673,101	625,555	9.20%	57,551
398	Miscellaneous Equipment	0	0	0	0	0	0	5.80%	0
	Miscellaneous Adjustment	0	0	0	0	0	0	0.00%	(29,814)
TOTAL UTILITY FINANCED PLANT IN SERVICE		68,076,950	0	2,203,299	164,344	70,115,905	69,096,431		1,671,611

Sheboygan Water Utility

SYSTEM DEMAND RATIOS

MAXIMUM DAY SYSTEM DEMAND

TOTAL ANNUAL PUMPAGE 4,230,278,766 Gallons

AVERAGE DAILY PUMPAGE 11,589,805 Gallons

MAXIMUM DAY PUMPAGE 16,225,727 Gallons

FIRE FLOW:

GAL/MIN	7,000	
DURATION (HOURS)	7.00	
TOTAL FLOW	2,940,000	Gallons

AVERAGE DAY PLUS FIRE FLOW 14,529,805 Gallons

RATIO: BASE = $\frac{11,589,805}{16,225,727}$ = 71.43%

MAX DAY = 100-BASE = 28.57%

MAXIMUM HOUR SYSTEM DEMAND

AVERAGE HOUR ON MAX DAY 676,072 Gallons

MAXIMUM HOUR PUMPAGE 1,086,544 Gallons

AVERAGE HOUR PLUS ONE HOUR FIRE FLOW 902,909 Gallons

RATIO: BASE = $\frac{11,589,805}{26,077,061}$ = 44.44% Use 44.44%

MAX HOUR = 100-BASE = 55.56% Use 55.56%

**ALLOCATION OF UTILITY FINANCED PLANT
TO SERVICE COST FUNCTIONS**

ACCT NO.	ACCOUNT DESCRIPTION	EXTRA-CAPACITY									CUSTOMER COSTS		
		TOTAL (\$)	BASE COSTS		MAX DAY		MAX HOUR			Billing (\$)	Equivalent Meter (\$)	Equivalent Service (\$)	Fire Protection (\$)
			System (\$)	Distribution (\$)	System (\$)	Distribution (\$)	System (\$)	Distribution (\$)	Storage (\$)				
INTANGIBLE PLANT													
301	Organization	0	0	0	0	0	0	0	0	0	0	0	0
302	Franchises and Consents	0	0	0	0	0	0	0	0	0	0	0	0
303	Miscellaneous Intangible Plant	0	0	0	0	0	0	0	0	0	0	0	0
SOURCE OF SUPPLY													
310	Land and Land Rights	0	0		0								
311	Structures and Improvements	0	0		0								
312	Collecting and Impounding Reservoirs	0	0		0								
313	Lake, River, and Other Intakes	627,615	448,296		179,319								
314	Wells and Springs	0	0		0								
316	Supply Mains	0	0		0								
317	Other Water Source Plant	0	0		0								
PUMPING PLANT													
320	Land and Land Rights	2,475	1,768		707								
321	Structures and Improvements	2,659,881	1,899,915		759,966								
323	Other Power Production Equipment	553,250	395,179		158,071								
325	Electric Pumping Equipment	2,537,037	1,812,169		724,868								
326	Diesel Pumping Equipment	0	0		0								
328	Other Pumping Equipment	678,951	484,965		193,986								
WATER TREATMENT PLANT													
330	Land and Land Rights	13,330	9,521		3,809								
331	Structures and Improvements	5,019,149	3,585,106		1,434,043								
332	Sand or Other Media Filtration Equipment	6,219,975	4,442,839		1,777,136								
333	Membrane Filtration Equipment	0	0		0								
334	Other Water Treatment Equipment	1,688,611	1,206,151		482,460								

**ALLOCATION OF UTILITY FINANCED PLANT
TO SERVICE COST FUNCTIONS
(continued)**

ACCT NO.	ACCOUNT DESCRIPTION	EXTRA-CAPACITY							CUSTOMER COSTS			Fire Protection (\$)	
		BASE COSTS		MAX DAY		MAX HOUR			Billing (\$)	Equivalent Meter (\$)	Equivalent Service (\$)		
		TOTAL (\$)	System (\$)	Distribution (\$)	System (\$)	Distribution (\$)	System (\$)	Distribution (\$)					Storage (\$)
TRANSMISSION & DISTRIBUTION PLANT													
340	Land and Land Rights	359,433	90,760	69,260	26,756	0	0	86,576	29,837	0	36,744	0	19,500
341	Structures and Improvements	863,736	218,101	166,436	64,296	0	0	208,046	71,700	0	88,298	0	46,859
342	Distribution Reservoirs and Standpipes	6,717,646	2,985,620						3,732,026				
343	Transmission mains	11,713,378	8,366,698		3,346,679								
343	Distribution mains	19,492,080		8,663,147				10,828,934					
345	Services	0										0	
346	Meters	4,596,006									4,596,006		
348	Hydrants	2,439,028											2,439,028
349	Other Transmission and Distribution Plant	0	0	0	0	0	0	0	0	0	0	0	0
GENERAL PLANT													
389	Land and Land Rights	0	0	0	0	0	0	0	0	0	0	0	0
390	Structures and Improvements	588,199	230,609	79,090	81,341	0	0	98,862	34,071	0	41,959	0	22,267
391	Office Furniture and Equipment	80,545	31,578	10,830	11,138	0	0	13,538	4,666	0	5,746	0	3,049
391	Computer Equipment	223,188	87,503	30,010	30,864	0	0	37,513	12,928	0	15,921	0	8,449
392	Transportation Equipment	561,969	220,325	75,563	77,713	0	0	94,454	32,552	0	40,088	0	21,274
393	Stores Equipment	0	0	0	0	0	0	0	0	0	0	0	0
394	Tools, Shop and Garage Equipment	279,310	109,506	37,556	38,625	0	0	46,945	16,179	0	19,925	0	10,574
395	Laboratory Equipment	31,709	12,432	4,264	4,385	0	0	5,330	1,837	0	2,262	0	1,200
396	Power Operated Equipment	463,874	181,866	62,373	64,148	0	0	77,966	26,870	0	33,090	0	17,561
397	Communication Equipment	60,501	23,720	8,135	8,367	0	0	10,169	3,505	0	4,316	0	2,290
397	SCADA Equipment	625,555	245,255	84,113	86,507	0	0	105,141	36,235	0	44,624	0	23,681
398	Miscellaneous Equipment	0	0	0	0	0	0	0	0	0	0	0	0
	TOTAL	69,096,431	27,089,883	9,290,778	9,555,184	0	0	11,613,472	4,002,405	0	4,928,979	0	2,615,732

**ALLOCATION OF TOTAL PLANT
TO SERVICE COST FUNCTIONS**

ACCT NO.	ACCOUNT DESCRIPTION	EXTRA-CAPACITY							CUSTOMER COSTS			Fire Protection (\$)	
		TOTAL (\$)	BASE COSTS		MAX DAY		MAX HOUR			Billing (\$)	Equivalent Meter (\$)		Equivalent Service (\$)
			System (\$)	Distribution (\$)	System (\$)	Distribution (\$)	System (\$)	Distribution (\$)	Storage (\$)				
INTANGIBLE PLANT													
301	Organization	0	0	0	0	0	0	0	0	0	0	0	0
302	Franchises and Consents	0	0	0	0	0	0	0	0	0	0	0	0
303	Miscellaneous Intangible Plant	0	0	0	0	0	0	0	0	0	0	0	0
SOURCE OF SUPPLY													
310	Land and Land Rights	0	0		0								
311	Structures and Improvements	0	0		0								
312	Collecting and Impounding Reservoirs	0	0		0								
313	Lake, River, and Other Intakes	627,615	448,296		179,319								
314	Wells and Springs	0	0		0								
316	Supply Mains	0	0		0								
317	Other Water Source Plant	0	0		0								
PUMPING PLANT													
320	Land and Land Rights	2,475	1,768		707								
321	Structures and Improvements	2,659,881	1,899,915		759,966								
323	Other Power Production Equipment	553,250	395,179		158,071								
325	Electric Pumping Equipment	2,537,037	1,812,169		724,868								
326	Diesel Pumping Equipment	0	0		0								
328	Other Pumping Equipment	678,951	484,965		193,986								
WATER TREATMENT PLANT													
330	Land and Land Rights	13,330	9,521		3,809								
331	Structures and Improvements	5,318,014	3,798,581		1,519,433								
332	Sand or Other Media Filtration Equipment	6,314,197	4,510,141		1,804,056								
333	Membrane Filtration Equipment	0	0		0								
334	Other Water Treatment Equipment	1,889,746	1,349,819		539,927								

**ALLOCATION OF TOTAL PLANT
TO SERVICE COST FUNCTIONS
(continued)**

ACCT NO.	ACCOUNT DESCRIPTION	EXTRA-CAPACITY							CUSTOMER COSTS			Fire Protection (\$)	
		TOTAL (\$)	BASE COSTS		MAX DAY		MAX HOUR			Billing (\$)	Equivalent Meter (\$)		Equivalent Service (\$)
			System (\$)	Distribution (\$)	System (\$)	Distribution (\$)	System (\$)	Distribution (\$)	Storage (\$)				
TRANSMISSION & DISTRIBUTION PLANT													
340	Land and Land Rights	359,433	80,116	78,547	23,618	0	0	98,184	26,338	0	32,435	0	20,195
341	Structures and Improvements	863,736	192,524	188,752	56,756	0	0	235,940	63,291	0	77,943	0	48,529
342	Distribution Reservoirs and Standpipes	6,717,646	2,985,620						3,732,026				
343	Transmission mains	11,713,378	8,366,698		3,346,679								
343	Distribution mains	25,042,356		11,129,936				13,912,420					
345	Services	0										0	
346	Meters	4,596,006								4,596,006			
348	Hydrants	2,861,564											2,861,564
349	Other Transmission and Distribution Plant	0	0	0	0	0	0	0	0	0	0	0	0
GENERAL PLANT													
389	Land and Land Rights	0	0	0	0	0	0	0	0	0	0	0	0
390	Structures and Improvements	588,199	212,931	92,151	75,284	0	0	115,188	30,899	0	38,053	0	23,692
391	Office Furniture and Equipment	80,545	29,158	12,619	10,309	0	0	15,773	4,231	0	5,211	0	3,244
391	Computer Equipment	223,188	80,795	34,966	28,566	0	0	43,707	11,725	0	14,439	0	8,990
392	Transportation Equipment	561,969	203,435	88,041	71,927	0	0	110,052	29,522	0	36,356	0	22,636
393	Stores Equipment	0	0	0	0	0	0	0	0	0	0	0	0
394	Tools, Shop and Garage Equipment	279,310	101,111	43,758	35,749	0	0	54,698	14,673	0	18,070	0	11,251
395	Laboratory Equipment	31,709	11,479	4,968	4,058	0	0	6,210	1,666	0	2,051	0	1,277
396	Power Operated Equipment	463,874	167,924	72,673	59,372	0	0	90,842	24,368	0	30,010	0	18,685
397	Communication Equipment	60,501	21,902	9,478	7,744	0	0	11,848	3,178	0	3,914	0	2,437
397	SCADA Equipment	625,555	226,454	98,003	80,066	0	0	122,504	32,862	0	40,470	0	25,197
398	Miscellaneous Equipment	0	0	0	0	0	0	0	0	0	0	0	0
	TOTAL	75,663,465	27,390,501	11,853,893	9,684,271	0	0	14,817,366	3,974,779	0	4,894,957	0	3,047,697

**ALLOCATION OF DEPRECIATION EXPENSE
TO SERVICE COST FUNCTIONS**

ACCT NO.	ACCOUNT DESCRIPTION	EXTRA-CAPACITY											
		TOTAL	BASE COSTS		MAX DAY		MAX HOUR			CUSTOMER COSTS			Fire Protection
			System	Distribution	System	Distribution	System	Distribution	Storage	Billing	Equivalent Meter	Equivalent Service	
(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)		
INTANGIBLE PLANT													
301	Organization	0	0	0	0	0	0	0	0	0	0	0	
302	Franchises and Consents	0	0	0	0	0	0	0	0	0	0	0	
303	Miscellaneous Intangible Plant	0	0	0	0	0	0	0	0	0	0	0	
SOURCE OF SUPPLY													
310	Land and Land Rights	0	0	0	0	0	0	0	0	0	0	0	
311	Structures and Improvements	0	0	0	0	0	0	0	0	0	0	0	
312	Collecting and Impounding Reservoirs	0	0	0	0	0	0	0	0	0	0	0	
313	Lake, River, and Other Intakes	10,669	7,621	3,048	0	0	0	0	0	0	0	0	
314	Wells and Springs	0	0	0	0	0	0	0	0	0	0	0	
316	Supply Mains	0	0	0	0	0	0	0	0	0	0	0	
317	Other Water Source Plant	0	0	0	0	0	0	0	0	0	0	0	
PUMPING PLANT													
320	Land and Land Rights	0	0	0	0	0	0	0	0	0	0	0	
321	Structures and Improvements	85,116	60,797	24,319	0	0	0	0	0	0	0	0	
323	Other Power Production Equipment	24,343	17,388	6,955	0	0	0	0	0	0	0	0	
325	Electric Pumping Equipment	111,630	79,736	31,894	0	0	0	0	0	0	0	0	
326	Diesel Pumping Equipment	0	0	0	0	0	0	0	0	0	0	0	
328	Other Pumping Equipment	29,874	21,339	8,535	0	0	0	0	0	0	0	0	
WATER TREATMENT PLANT													
330	Land and Land Rights	0	0	0	0	0	0	0	0	0	0	0	
331	Structures and Improvements	160,213	114,438	45,775	0	0	0	0	0	0	0	0	
332	Sand or Other Media Filtration Equipment	205,259	146,614	58,645	0	0	0	0	0	0	0	0	
333	Membrane Filtration Equipment	0	0	0	0	0	0	0	0	0	0	0	
334	Other Water Treatment Equipment	101,317	72,369	28,948	0	0	0	0	0	0	0	0	

**ALLOCATION OF DEPRECIATION EXPENSE
TO SERVICE COST FUNCTIONS
(continued)**

ACCT NO.	ACCOUNT DESCRIPTION	TOTAL (\$)	EXTRA-CAPACITY							CUSTOMER COSTS			Fire Protection (\$)
			BASE COSTS		MAX DAY		MAX HOUR			Billing (\$)	Equivalent Meter (\$)	Equivalent Service (\$)	
			System (\$)	Distribution (\$)	System (\$)	Distribution (\$)	System (\$)	Distribution (\$)	Storage (\$)				
TRANSMISSION & DISTRIBUTION PLANT													
340	Land and Land Rights	0	0	0	0	0	0	0	0	0	0	0	0
341	Structures and Improvements	27,640	6,400	4,353	1,682	0	0	5,441	2,746	0	4,894	0	2,125
342	Distribution Reservoirs and Standpipes	127,635	56,727						70,908				
343	Transmission mains	152,000	108,571		43,429								
343	Distribution mains	252,941		112,418				140,523					
345	Services	0										0	
346	Meters	126,390									126,390		
348	Hydrants	54,893											54,893
349	Other Transmission and Distribution Plant	0	0	0	0	0	0	0	0	0	0	0	0
GENERAL PLANT													
389	Land and Land Rights	0	0	0	0	0	0	0	0	0	0	0	0
390	Structures and Improvements	16,768	7,894	1,332	2,889	0	0	1,665	840	0	1,498	0	650
391	Office Furniture and Equipment	4,672	2,199	371	805	0	0	464	234	0	417	0	181
391	Computer Equipment	15,867	7,470	1,260	2,733	0	0	1,576	795	0	1,417	0	615
392	Transportation Equipment	74,742	35,187	5,938	12,876	0	0	7,422	3,745	0	6,675	0	2,899
393	Stores Equipment	0	0	0	0	0	0	0	0	0	0	0	0
394	Tools, Shop and Garage Equipment	16,200	7,627	1,287	2,791	0	0	1,609	812	0	1,447	0	628
395	Laboratory Equipment	1,839	866	146	317	0	0	183	92	0	164	0	71
396	Power Operated Equipment	34,791	16,379	2,764	5,994	0	0	3,455	1,743	0	3,107	0	1,350
397	Communication Equipment	9,075	4,272	721	1,563	0	0	901	455	0	811	0	352
397	SCADA Equipment	57,551	27,093	4,572	9,915	0	0	5,715	2,884	0	5,140	0	2,232
398	Miscellaneous Equipment	0	0	0	0	0	0	0	0	0	0	0	0
	Miscellaneous Adjustment	(29,814)	(14,036)	(2,368)	(5,136)	0	0	(2,961)	(1,494)	0	(2,663)	0	(1,156)
	TOTAL	1,671,611	786,950	132,793	287,977	0	0	165,992	83,760	0	149,297	0	64,842

**ALLOCATION OF OPERATION AND MAINTENANCE EXPENSES
TO SERVICE COST FUNCTIONS**

ACCT NO.	ACCOUNT DESCRIPTION	EXTRA-CAPACITY												
		TOTAL	BASE COSTS		MAX DAY		MAX HOUR			CUSTOMER COSTS			Fire Protection	
			(\$)	System (\$)	Distribution (\$)	System (\$)	Distribution (\$)	System (\$)	Distribution (\$)	Storage (\$)	Billing (\$)	Equivalent Meter (\$)		Equivalent Service (\$)
SOURCE OF SUPPLY														
600	Operation labor	500		357		143								
601	Operation labor and expenses	0		0		0								
602	Purchased water	0		0										0
603	Miscellaneous expenses	0		0		0								
604	Rents	0		0		0								
610	Maintenance supervision and engineering	1,000		714		286								
611	Maintenance of structures and improvements	0		0		0								
612	Maint. of collecting and impounding reservoirs	0		0		0								
613	Maintenance of lake, river, and other intakes	18,000		12,857		5,143								
614	Maintenance of wells and springs	0		0		0								
616	Maintenance of supply mains	0		0		0								
617	Maintenance of misc. water source plant	0		0		0								
PUMPING EXPENSES														
620	Operation supervision and engineering	35,296		25,211		10,085								
621	Fuel for power production	0		0		0								
622	Power production labor and expenses	0		0		0								
623	Fuel or power purchased for production	473,981		473,981										
624	Pumping labor and expenses	3,920		2,800		1,120								
625	Expenses transferred--credit	0		0		0								
626	Miscellaneous expenses	78,029		55,735		22,294								
627	Rents	0		0		0								
630	Maintenance supervision and engineering	12,877		9,198		3,679								
631	Maintenance of structures and improvements	172,707		123,362		49,345								
632	Maintenance of power production equipment	0		0		0								
633	Maintenance of pumping equipment	21,579		15,414		6,165								
WATER TREATMENT EXPENSES														
640	Operation supervision and engineering	33,395		23,854		9,541								
641	Chemicals	236,614		236,614										
642	Operation labor and expenses	743,164		530,831		212,333								
643	Miscellaneous expenses	20,231		14,451		5,780								
644	Rents	0		0		0								
650	Maintenance supervision and engineering	0		0		0								
651	Maintenance of structures and improvements	60,217		43,012		17,205								
652	Maintenance of water treatment equipment	34,887		24,919		9,968								

**ALLOCATION OF OPERATION AND MAINTENANCE EXPENSES
TO SERVICE COST FUNCTIONS
(continued)**

ACCT NO.	ACCOUNT DESCRIPTION	TOTAL (\$)	EXTRA-CAPACITY						CUSTOMER COSTS			Fire Protection (\$)	
			BASE COSTS		MAX DAY		MAX HOUR		Billing (\$)	Equivalent Meter (\$)	Equivalent Service (\$)		
			System (\$)	Distribution (\$)	System (\$)	Distribution (\$)	System (\$)	Distribution (\$)					Storage (\$)
TRANSMISSION & DISTRIBUTION EXPENSES													
660	Operation supervision and engineering	43,526	8,176	7,052	853	0	0	8,815	7,554	0	2,670	6,853	1,554
661	Storage facilities expenses	43,944	19,531						24,413				
662	Transmission lines expenses	18,685	13,346		5,339								
662	Distribution lines expenses	99,315		44,140				55,175					
663	Meter expenses	29,386									29,386		
664	Customer installations expenses	122,747										122,747	
665	Miscellaneous expenses	152,126	28,574	24,646	2,981	0	0	30,807	26,403	0	9,330	23,951	5,433
666	Rents	0	0	0	0	0	0	0	0	0	0	0	0
670	Maintenance supervision and engineering	1,000	188	162	20	0	0	203	174	0	61	157	36
671	Maintenance of structures and improvements	85,622	16,083	13,872	1,678	0	0	17,340	14,861	0	5,251	13,480	3,058
672	Maintenance of distr.reservoirs and standpipes	210,000	93,333						116,667				
673	Maintenance of transmission mains	37,062	26,473		10,589								
673	Maintenance of distribution mains	196,992		87,552				109,440					
675	Maintenance of services	5,231										5,231	
676	Maintenance of meters	20,469									20,469		
677	Maintenance of hydrants	29,030											29,030
678	Maintenance of miscellaneous plant	0	0	0	0	0	0	0	0	0	0	0	0
CUSTOMER ACCOUNTS EXPENSES													
901	Supervision	40,465								40,465			
902	Meter reading labor	26,487								26,487			
903	Customer records and collection expenses	197,448								197,448			
904	Uncollectible accounts	8,000								8,000			
905	Miscellaneous customer accounts expenses	0								0			
906	Customer service and Information Expenses	0								0			
SALES EXPENSES													
910	Sales Expenses	0								0			
ADMINISTRATIVE & GENERAL EXPENSES													
920	Administrative and general salaries	240,429	107,254	17,483	36,908	0	0	21,854	18,730	10,737	6,619	16,990	3,854
921	Office supplies and expenses	16,000	7,137	1,163	2,456	0	0	1,454	1,246	715	440	1,131	256
922	Administrative expenses transferred -- credit	0	0	0	0	0	0	0	0	0	0	0	0
923	Outside services employed	75,000	33,457	5,454	11,513	0	0	6,817	5,843	3,349	2,065	5,300	1,202
924	Property insurance	43,000	15,566	6,737	5,504	0	0	8,421	2,259	0	2,782	0	1,732
925	Injuries and damages	65,000	28,996	4,727	9,978	0	0	5,908	5,064	2,903	1,789	4,593	1,042
926	Employee pensions and benefits	920,591	410,669	66,943	141,319	0	0	83,679	71,715	41,111	25,343	65,055	14,757
928	Regulatory commission expenses	30,000	13,383	2,182	4,605	0	0	2,727	2,337	1,340	826	2,120	481
929	Duplicate charges -- credit	0	0	0	0	0	0	0	0	0	0	0	0
930	Miscellaneous general expenses	51,033	22,765	3,711	7,834	0	0	4,639	3,976	2,279	1,405	3,606	818
931	Rents	0	0	0	0	0	0	0	0	0	0	0	0
932	Maintenance of general plant	13,000	5,799	945	1,996	0	0	1,182	1,013	581	358	919	208
TOTAL OPERATION & MAINTENANCE EXPENSES		4,767,984	2,444,040	286,768	596,657	0	0	358,460	302,253	335,414	108,795	272,134	63,462

SUMMARY OF ALLOCATION OF OPERATING COSTS TO SERVICE COST FUNCTIONS

<u>OPERATING COST</u>	EXTRA-CAPACITY											
	TOTAL (\$)	BASE COSTS		MAX DAY			MAX HOUR		CUSTOMER COSTS			Fire Protection (\$)
		System (\$)	Distribution (\$)	System (\$)	Distribution (\$)	Storage (\$)	System (\$)	Distribution (\$)	Billing (\$)	Equivalent Meter (\$)	Equivalent Service (\$)	
OPERATION AND MAINTENANCE	4,767,984	2,444,040	286,768	596,657	0	0	358,460	302,253	335,414	108,795	272,134	63,462
DEPRECIATION EXPENSE	1,671,611	786,950	132,793	287,977	0	0	165,992	83,760	0	149,297	0	64,842
AMORTIZATION EXPENSE	0	0	0	0	0	0	0	0	0	0	0	0
TAXES AND TAX EQUIVALENT	1,411,271	510,886	221,098	180,631	0	0	276,373	74,137	0	91,300	0	56,845
RETURN ON NET INVESTMENT RATE BASE	2,233,276	875,576	300,289	308,834	0	0	375,361	129,362	0	159,310	0	84,543
TOTAL	10,084,142	4,617,452	940,948	1,374,099	0	0	1,176,186	589,513	335,414	508,703	272,134	269,693

CUSTOMER CLASS DEMAND RATIOS

CUSTOMER CLASS	BASE COSTS					EXTRA-CAPACITY MAX DAY DEMAND					EXTRA-CAPACITY MAX HOUR DEMAND					
	Annual Volume 100 CCF	Average Day Volume CF	Percent (%)	System Adjusted Percent (%)	Distribution Adjusted Percent (%)	Extra Capacity Ratio	Volume Rate CF Per Day	Percent (%)	System Adjusted Percent (%)	Distribution Adjusted Percent (%)	Extra Capacity Ratio	Volume Rate CF Per Hour	Percent (%)	System Adjusted Percent (%)	Distribution Adjusted Percent (%)	Storage Adjusted Percent (%)
Residential	1,008,067	276,183	18.81%	18.81%	22.43%	2.10	579,984	25.39%	25.39%	28.87%	4.50	51,784	24.10%	24.10%	27.28%	26.37%
Multifamily Residential	165,706	45,399	3.09%	3.09%	3.69%	1.85	83,988	3.68%	3.68%	4.18%	4.05	7,661	3.57%	3.57%	4.04%	3.90%
Commercial	290,685	79,640	5.42%	5.42%	6.47%	1.60	127,423	5.58%	5.58%	6.34%	3.60	11,946	5.56%	5.56%	6.29%	6.08%
Industrial	2,919,730	799,926	54.47%	54.47%	64.97%	1.00	799,926	35.02%	35.02%	39.82%	1.80	59,994	27.92%	27.92%	31.60%	30.55%
Public Authority	56,407	15,454	1.05%	1.05%	1.26%	1.60	24,726	1.08%	1.08%	1.23%	3.60	2,318	1.08%	1.08%	1.22%	1.18%
Kohler	344,900	94,493	6.43%	6.43%	0.00%	0.66	62,365	2.73%	2.73%	0.00%	1.65	6,496	3.02%	3.02%	0.00%	3.31%
Sheboygan Falls	521,122	142,773	9.72%	9.72%	0.00%	1.49	212,732	9.31%	9.31%	0.00%	3.11	18,501	8.61%	8.61%	0.00%	0.00%
Public Fire Protection	53,602	14,686	1.00%	1.00%	1.19%		393,048	17.21%	17.21%	19.56%		56,150	26.13%	26.13%	29.58%	28.60%
TOTALS	5,360,219	1,468,553	100%	100%	100%		2,284,193	100%	100%	100%		214,851	100%	100%	100%	100%

50% 50% <-- Public Fire % Limits --> 50% 50% 80%

Maximum Day Demand = 3,345,013 (CUBIC FEET/DAY) SUM OF GENERAL SERVICE AVERAGE AND MAXIMUM DAY EXTRA CAPACITY DEMAND

Maximum Hour Demand = 219,279 (CUBIC FEET/HR) SUM OF GENERAL SERVICE AVERAGE AND MAXIMUM HOUR EXTRA CAPACITY DEMAND

1.54 = NON-COINCIDENT / COINCIDENT RATIO FOR MAX DAY

1.51 = NON-COINCIDENT / COINCIDENT RATIO FOR MAX HOUR

CUSTOMER CLASS ALLOCATION FACTORS

Meter size (inches):	NUMBER OF METERS												TOTAL		
	5/8	3/4	1	1-1/4	1-1/2	2	2-1/2	3	4	6	8	10	12	METERS	PERCENT
Residential	10,352	6,693	54	0	5	0	0	0	0	0	0	0	0	17,104	90%
Multifamily Residential	67	43	37	0	79	55	0	15	1	0	0	0	0	297	2%
Commercial	284	622	222	0	83	75	0	19	3	0	0	0	0	1,308	7%
Industrial	23	34	27	0	14	31	0	7	9	7	3	0	0	155	1%
Public Authority	1	15	27	0	29	38	0	10	2	1	1	0	0	124	1%
Kohler	0	0	0	0	0	0	0	0	0	1	1	1	0	3	0%
Sheboygan Falls	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0%
TOTALS	10,727	7,407	367	0	210	199	0	51	15	9	5	2	0	18,992	100%

ALLOCATION FACTOR: Meter size (inches):	EQUIVALENT METERS												TOTAL		
	5/8	3/4	1	1-1/4	1-1/2	2	2-1/2	3	4	6	8	10	12	EQUIV. METERS	PERCENT
Equiv. meters ratio:	1.0	1.0	2.5	3.7	5.0	8.0	12.5	15.0	25.0	50.0	80.0	120.0	160.0		
Residential	10,352	6,693	135	0	25	0	0	0	0	0	0	0	0	17,205	72%
Multifamily Residential	67	43	93	0	395	440	0	225	25	0	0	0	0	1,288	5%
Commercial	284	622	555	0	415	600	0	285	75	0	0	0	0	2,836	12%
Industrial	23	34	68	0	70	248	0	105	225	350	240	0	0	1,363	6%
Public Authority	1	15	68	0	145	304	0	150	50	50	80	0	0	863	4%
Kohler	0	0	0	0	0	0	0	0	0	50	80	120	0	250	1%
Sheboygan Falls	0	0	0	0	0	0	0	0	0	0	0	120	0	120	1%
TOTALS	10,727	7,407	918	0	1,050	1,592	0	765	375	450	400	240	0	23,924	100%

ALLOCATION FACTOR: Meter size (inches):	EQUIVALENT SERVICES												TOTAL		
	5/8	3/4	1	1-1/4	1-1/2	2	2-1/2	3	4	6	8	10	12	EQUIV. SERVICES	PERCENT
Equiv. services ratio:	1.0	1.0	1.3	1.7	2.0	3.0	3.5	4.0	5.0	6.0	7.0	8.0	9.0		
Residential	10,352	6,693	70	0	10	0	0	0	0	0	0	0	0	17,125	86%
Multifamily Residential	67	43	48	0	158	165	0	60	5	0	0	0	0	546	3%
Commercial	284	622	289	0	166	225	0	76	15	0	0	0	0	1,677	8%
Industrial	23	34	35	0	28	93	0	28	45	42	21	0	0	349	2%
Public Authority	1	15	35	0	58	114	0	40	10	6	7	0	0	286	1%
Kohler	0	0	0	0	0	0	0	0	0	6	7	8	0	21	0%
Sheboygan Falls	0	0	0	0	0	0	0	0	0	0	0	8	0	8	0%
TOTALS	10,727	7,407	477	0	420	597	0	204	75	54	35	16	0	20,012	100%

ALLOCATION OF SERVICE COST FUNCTIONS TO CUSTOMER CLASSES

	TOTAL	Residential	Multifamily Residential	Commercial	Industrial	Public Authority	Kohler	Sheboygan Falls	Public Fire Protection
	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)
BASE COSTS:									
SYSTEM DISTRIBUTION	4,617,452	868,379	142,744	250,404	2,515,143	48,591	297,107	448,910	46,175
	940,948	211,059	34,694	60,861	611,303	11,810	0	0	11,223
EXTRA-CAPACITY COSTS:									
MAXIMUM-DAY SYSTEM	1,374,099	348,900	50,525	76,654	481,210	14,875	37,517	127,973	236,445
MAXIMUM-DAY DISTRIBUTION	0	0	0	0	0	0	0	0	0
MAXIMUM-HOUR SYSTEM	0	0	0	0	0	0	0	0	0
MAXIMUM-HOUR DISTRIBUTION	1,176,186	320,815	47,462	74,008	371,679	14,361	0	0	347,860
MAXIMUM-HOUR STORAGE	589,513	155,475	23,001	35,866	180,125	6,960	19,505	0	168,582
CUSTOMER COSTS:									
BILLING	335,414	302,071	5,245	23,100	2,737	2,190	53	18	
EQUIVALENT METERS	508,703	365,842	27,377	60,304	28,972	18,340	5,316	2,552	
EQUIVALENT SERVICES	272,134	232,877	7,426	22,799	4,747	3,891	286	109	
FIRE PROTECTION	269,693								269,693
TOTAL COST	10,084,142	2,805,417	338,474	603,996	4,195,916	121,016	359,783	579,561	1,079,977
LESS OTHER REVENUE	297,439	59,526	7,182	12,816	89,030	2,568	0	0	126,318
COST OF SERVICE	9,786,703	2,745,892	331,292	591,180	4,106,887	118,449	359,783	579,561	953,659
REVENUE AT PRESENT RATES	9,131,791	2,601,051	298,621	537,371	3,771,874	112,276	333,919	550,154	926,525
DIFFERENCE	654,912	144,841	32,671	53,809	335,013	6,173	25,864	29,407	27,134
PERCENT INCREASE/DECREASE	7.17%	5.57%	10.94%	10.01%	8.88%	5.50%	7.75%	5.35%	2.93%

**Sheboygan Water Utility
Comparison of Revenue
at
Present Rates, Cost of Service and Proposed Rates**

<u>Customer Class</u>	<u>Revenue at Present Rates</u>	<u>Cost of Service</u>		<u>Proposed Rates</u>		
		<u>Revenue Required</u>	<u>Increase over Present Rates</u>	<u>Revenue</u>	<u>Increase over Present Rates</u>	<u>Percent of Cost of Service</u>
Residential	\$2,601,051	\$2,745,892	5.57%	\$2,762,195	6.20%	100.59%
Multifamily Residential	\$298,621	\$331,292	10.94%	\$322,770	8.09%	97.43%
Commercial	\$537,371	\$591,180	10.01%	\$585,683	8.99%	99.07%
Industrial	\$3,771,874	\$4,106,887	8.88%	\$4,100,009	8.70%	99.83%
Public Authority	\$112,276	\$118,449	5.50%	\$119,844	6.74%	101.18%
Kohler	\$333,919	\$359,783	7.75%	\$361,511	8.26%	100.48%
Sheboygan Falls	\$550,154	\$579,561	5.35%	\$581,421	5.68%	100.32%
Public Fire Protection	<u>\$926,525</u>	<u>\$953,659</u>	2.93%	<u>\$953,661</u>	2.93%	100.00%
Total	<u><u>\$9,131,791</u></u>	<u><u>\$9,786,703</u></u>	<u><u>7.17%</u></u>	<u><u>\$9,787,094</u></u>	<u><u>7.18%</u></u>	<u><u>100.00%</u></u>

Sheboygan Water Utility
Proposed Water Rates and Rules

Docket 5370-WR-110

Sheboygan Water Utility

Water Rate File Changes

Amended

F-1
Upf-1
Mg-1
W-1
W-2
NSM-1
Am-1
OC-1
Mpa-1
Ug-1
Sg-1
BW-1
R-1
Cz-1
LSL-1
LSL-2
X-1
X-2
X-3
X-4

Public Service Commission of Wisconsin

Sheboygan Water Utility

Public Fire Protection Service

Public fire protection service shall include the use of hydrants for fire protection service only and such quantities of water as may be demanded for the purpose of extinguishing fires within the service area. This service shall also include water used for testing equipment and training personnel. For all other purposes, the metered or other rates set forth, or as may be filed with the Public Service Commission shall apply.

Under Wis. Stat. § 196.03(3)(b), the municipality has chosen to have the utility bill the retail general service customers for public fire protection service.

Public Fire Protection Service Charges:

		<u>Quarterly</u>	<u>Monthly</u>			<u>Quarterly</u>	<u>Monthly</u>
5/8 - inch meter:	\$	8.79	2.93	3 - inch meter:	\$	132.00	44.00
3/4 - inch meter:	\$	8.79	2.93	4 - inch meter:	\$	219.00	73.00
1 - inch meter:	\$	21.96	7.32	6 - inch meter:	\$	441.00	147.00
1 1/4 - inch meter:	\$	32.46	10.82	8 - inch meter:	\$	702.00	234.00
1 1/2 - inch meter:	\$	43.89	14.63	10 - inch meter:	\$	1,053.00	351.00
2 - inch meter:	\$	69.00	23.00	12 - inch meter:	\$	1,404.00	468.00

Customers who are provided service under Schedules Mg-1, Ug-1 or Sg-1 shall also be subject to the charges in this schedule according to the size of their primary meter. Customers who are provided service under Schedule Am-1 are exempt from these charges for any additional meters.

Billing: Same as Schedule Mg-1.

Public Service Commission of Wisconsin

Sheboygan Water Utility

Private Fire Protection Service - Unmetered

This service shall consist of permanent or continuous unmetered connections to the main for the purpose of supplying water to private fire protection systems such as automatic sprinkler systems, standpipes, and private hydrants. This service shall also include reasonable quantities of water used for testing check valves and other backflow prevention devices.

Private Fire Protection Service Demand Charges:

		<u>Quarterly</u>	<u>Monthly</u>
2 - inch or smaller connection:	\$	11.25	3.75
3 - inch connection:	\$	21.00	7.00
4 - inch connection:	\$	35.25	11.75
6 - inch connection:	\$	69.00	23.00
8 - inch connection:	\$	111.00	37.00
10 - inch connection:	\$	165.00	55.00
12 - inch connection:	\$	219.00	73.00
14 - inch connection:	\$	276.00	92.00
16 - inch connection:	\$	330.00	110.00

Billing: Same as Schedule Mg-1.

Public Service Commission of Wisconsin

Sheboygan Water Utility

General Service - Metered

Service Charges:

	<u>Quarterly</u>	<u>Monthly</u>		<u>Quarterly</u>	<u>Monthly</u>
5/8 - inch meter:	\$ 15.00	5.00	3 - inch meter:	\$ 105.00	35.00
3/4 - inch meter:	\$ 15.00	5.00	4 - inch meter:	\$ 168.00	56.00
1 - inch meter:	\$ 24.00	8.00	6 - inch meter:	\$ 321.00	107.00
1 1/4 - inch meter:	\$ 33.00	11.00	8 - inch meter:	\$ 501.00	167.00
1 1/2 - inch meter:	\$ 42.00	14.00	10 - inch meter:	\$ 744.00	248.00
2 - inch meter:	\$ 63.00	21.00	12 - inch meter:	\$ 984.00	328.00

Plus Volume Charges:

First	15,000	cubic feet used quarterly or	
	5,000	cubic feet used monthly:	\$1.72 per 100 cubic feet
Next	485,000	cubic feet used quarterly or	
	161,600	cubic feet used monthly:	\$1.61 per 100 cubic feet
Over	500,000	cubic feet used quarterly or	
	166,600	cubic feet used monthly:	\$1.34 per 100 cubic feet

Billing: Bills for water service are rendered quarterly and become due and payable upon issuance following the period for which service is rendered. A late payment charge of 3 percent but not less than 50 cents will be added to bills not paid within 20 days of issuance. This ONE-TIME 3 percent late payment charge will be applied only to any unpaid balance for the current billing period's usage. This late payment charge is applicable to all customers. The utility customer may be given a written notice that the bill is overdue no sooner than 20 days after the bill is issued and unless payment or satisfactory arrangement for payment is made within the next 10 days, service may be disconnected pursuant to Wis. Admin. Code ch. PSC 185.

Combined Metering: For a residential customer with more than one meter on a single service lateral, volumetric reading from all meters shall be combined for billing. For a nonresidential customer, volumetric readings may be combined for billing if the utility for its own convenience places more than one meter on a single water service lateral. Multiple meters placed for the purpose of identifying water not discharged into the sanitary sewer are not considered for utility convenience and may not be combined for billing. This requirement does not preclude the utility from combining readings where metering configurations support such an approach. Volumetric readings from individually metered separate service laterals may not be combined for billing purposes

Public Service Commission of Wisconsin

Sheboygan Water Utility

Wholesale Water Service

Wholesale water service to the Village of Kohler shall be provided at the following rate:

Public Fire Protection Service

Service Charge: \$ 2,376.00 per month

General Service

Service Charge: \$ 522.00 per month

Volume Charge: \$ 1.03 per 100 cubic feet

Billing: Same as Schedule Mg-1.

Public Service Commission of Wisconsin

Sheboygan Water Utility

Wholesale Water Service

Wholesale water service to the City of Sheboygan Falls shall be provided at the following rate:

Public Fire Protection Service

Service Charge: \$ 8,177.00 per month

General Service

Service Charge: \$ 248.00 per month

Volume Charge: \$ 1.11 per 100 cubic feet

Billing: Same as Schedule Mg-1.

Public Service Commission of Wisconsin

Sheboygan Water Utility

Non-Standard Meter Service

The utility shall assess a charge of \$7.62 per quarter to a customer who is provided service under Schedule Mg-1 and who requests a non-standard meter. The utility may only charge a customer one NSM charge for customers with both water and electric services.

If a customer establishes service at a new location on which a standard meter is installed, and the customer requests non-standard meter service, the utility shall assess the customer a one-time charge, based on actual utility costs, for the installation of a non-standard meter.

If a customer requests initial service at a location where a non-standard meter is installed, the utility may not assess a charge for installing a standard meter. The utility may not charge an existing customer who chooses to convert from a non-standard meter to a standard meter.

Billing: Same as Schedule Mg-1.

Public Service Commission of Wisconsin

Sheboygan Water Utility

Additional Meter Rental Charge

Upon request, the utility shall furnish and install additional meters to:

- A. Water service customers for the purpose of measuring the volume of water used that is not discharged into the sanitary sewer system; and
- B. Sewerage service customers who are not customers of the water utility for the purpose of determining the volume of sewage that is discharged into the sanitary sewer system.

The utility shall charge a meter installation charge of \$60.00 and a quarterly rental fee for the use of this additional meter.

Quarterly Additional Meter Rental Charges:

	<u>Quarterly</u>	<u>Monthly</u>
5/8 - inch meter: \$	9.00	3.00
3/4 - inch meter: \$	9.00	3.00
1 - inch meter: \$	15.00	5.00
1 1/4 - inch meter: \$	21.00	7.00
1 1/2 - inch meter: \$	27.00	9.00
2 - inch meter: \$	42.00	14.00

This schedule applies only if the additional meter is installed on the same service lateral as the primary meter and either:

- A. The additional meter is 3/4-inch or smaller if the metering configuration is the Addition Method; or
- B. The additional meter is 2-inch or smaller for all other metering configurations.

If the additional meter is larger than 2-inch or larger than 3/4-inch and installed in the Addition Method, each meter shall be treated as a separate account and Schedule Mg-1 rates shall apply.

Billing: Same as Schedule Mg-1.

Public Service Commission of Wisconsin

Sheboygan Water Utility

Other Charges

Payment Not Honored by Financial Institution Charge: The utility shall assess a \$40.00 charge when a payment rendered for utility service is not honored by the customer's financial institution. This charge may not be in addition to, but may be inclusive of, other such charges when the payment was for multiple services.

Billing: Same as Schedule Mg-1.

Public Service Commission of Wisconsin

Sheboygan Water Utility

Public Service

Metered Service

Water used by the City of Sheboygan on an intermittent basis for flushing sewers, street washing, flooding skating rinks, drinking fountains, etc., shall be metered and billed according to the rates set forth in Schedule Mg-1.

Unmetered Service

Where it is impossible to meter the service, the utility shall estimate the volume of water used based on the pressure, size of opening, and the period of time the water is used. The estimated quantity shall be billed at the volumetric rates set forth in Schedule Mg-1, excluding any service charges.

Billing: Same as Schedule Mg-1.

Public Service Commission of Wisconsin

Sheboygan Water Utility

General Water Service - Unmetered

Service may be supplied temporarily on an unmetered basis where the utility cannot immediately install a water meter, including water used for construction. Unmetered service shall be billed the amount that would be charged to a metered residential customer using 1,500 cubic feet (or approximately 11,221 gallons) of water quarterly under Schedule Mg-1, including the service charge for a 5/8-inch meter. If the utility determines that actual usage exceeds 1,500 cubic feet of water quarterly, an additional charge for the estimated excess usage shall be made according to the rates under Schedule Mg-1.

This schedule applies only to customers with a 1-inch or smaller service connection. For customers with a larger service connection, the utility shall install a temporary meter and charges shall be based on the rates set forth under Schedule Mg-1.

Billing: Same as Schedule Mg-1.

Public Service Commission of Wisconsin

Sheboygan Water Utility

Seasonal Service

Seasonal customers are general service customers who voluntarily request disconnection of water service and who resume service at the same location within 12 months of the disconnection, unless service has been provided to another customer at that location in the intervening period. The utility shall bill seasonal customers the applicable service charges under Schedule Mg-1 year-round, including the period of temporary disconnection.

Seasonal service shall include customers taking service under Schedule Mg-1, Schedule Ug-1, or Schedule Am-1.

Upon reconnection, the utility shall apply a charge under Schedule R-1 and require payment of any unpaid charges under this schedule.

Billing: Same as Schedule Mg-1, unless the utility and customer agree to an alternative payment schedule for the period of voluntary disconnection.

Public Service Commission of Wisconsin

Sheboygan Water Utility

Bulk Water

All bulk water supplied from the water system through hydrants or other connections shall be metered or estimated by the utility. Utility personnel or a party approved by the utility shall supervise the delivery of water.

Bulk water sales are:

- A. Water supplied by tank trucks or from hydrants for the purpose of extinguishing fires outside the utility's service area;
- B. Water supplied by tank trucks or from hydrants for purposes other than extinguishing fires, such as water used for irrigation or filling swimming pools; or,
- C. Water supplied from hydrants or other temporary connections for general service type applications, except that Schedule Ug-1 applies for water supplied for construction purposes.

A service charge of \$60.00 and a charge for the volume of water used shall be billed to the party using the water. The volumetric charge shall be calculated using the highest volumetric rate for residential customers under Schedule Mg-1. In addition, for meters that are assigned to bulk water customers for more than 7 days, the applicable service charge in Schedule Mg-1 will apply after the first 7 days.

The water utility may require a reasonable deposit for the temporary use of its equipment under this and other rate schedules. The deposit(s) collected shall be refunded upon return of the utility's equipment. Damaged or lost equipment shall be repaired or replaced at the customer's expense.

Billing: Same as Schedule Mg-1.

Public Service Commission of Wisconsin

Sheboygan Water Utility

Reconnection Charges

The utility shall assess a charge to reconnect a customer, which includes reinstalling a meter and turning on the valve at the curb stop, if necessary. A utility may not assess a charge for disconnecting a customer.

During normal business hours: \$60.00

The utility may assess an administrative charge of \$35.00 when a service person arrives at a customer's property to disconnect service, provided the customer then makes the payment necessary to avoid disconnection.

Billing: Same as Schedule Mg-1.

Public Service Commission of Wisconsin

Sheboygan Water Utility

Water Lateral Installation Charge
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The utility shall charge a customer for the actual cost of installing a water service lateral from the main through curb stop and box if these costs are not contributed as part of a subdivision development or otherwise recovered under Wis. Stats. Chapter 66.

Billing: Same as Schedule Mg-1.

Public Service Commission of Wisconsin

Sheboygan Water Utility

Financial Assistance for Customer-Side Lead Service Line Replacement

The Utility has established a financial assistance program for the removal and replacement of customer-side lead service lines containing lead (LSLs) within and connected to its water distribution system.

A. Utility Inspection and Inventory

In order to implement the LSL replacement program, the Utility may request that the property owner permit an authorized Utility employee or representative reasonable access to the property in order to inspect and determine or confirm the service line's construction material.

B. LSL Replacement in Conjunction with Water Main Replacement

In the event the Utility has planned replacement of the Utility water main, the LSL connected to the Utility's distribution system must be replaced at the same time. At least three months prior to the bidding of the water main project, the Utility shall notify the property owner in writing indicating the nature of the water main replacement project. The LSL replacement must coincide with the Utility's replacement of the Utility's water main.

C. LSL Replacement Without Utility-Side Water Main Replacement

If the Utility identifies that a LSL is leaking, or a dangerous condition exists requiring emergency replacement, the Utility shall notify the property owner that the LSL must be replaced. The property owner must replace the LSL within four (4) weeks of notification.

Public Service Commission of Wisconsin

Sheboygan Water Utility

Financial Assistance for Customer-Side Lead Service Line Replacement

D. LSL Replacement – Financial Assistance Program

The Utility shall make financial assistance available to all property owners who have an LSL. The Utility will make financial assistance available to such property owners in the form of a grant for up to 50 percent of the total costs associated with replacement of an LSL. The grant amount shall not exceed \$2,500. The Utility will make financial assistance available for the remaining costs in the form of a loan.

In order to receive financial assistance, a property owner must submit to the Utility an application and written bids from two approved plumbing contractors. A property owner is eligible for financial assistance based on the lowest bid amount unless an extraneous circumstance exists that requires the approval of the Utility.

Upon receipt of the application from the customer, and prior to commencing any replacement work, the Utility shall determine if the property owner is eligible for financial assistance under this tariff. If the property owner is eligible, the Utility shall provide the property owner a determination in writing of the amount of financial assistance available as a grant and the amount of financial assistance available as a loan.

E. Loan Agreement and Process

The Utility will provide financial assistance only after the Utility, property owner, and plumbing contractor enter into a written contract. Financial assistance is contingent upon the LSL being replaced. In no case will the total amount of money provided by the Utility's financial assistance program exceed a property owner's total replacement costs.

Upon completion of the LSL replacement, the property owner shall provide the Utility with a copy of the invoice from the plumbing contractor. Upon proof of completion satisfactory to the property owner and the Utility, the Utility shall pay the contractor(s) directly the amount of money approved by the Utility for financial assistance for replacement of the LSL. The Utility will not unreasonably withhold a determination as to satisfactory completion. The Utility shall provide the property owner with documentation of such payment.

The Utility will commence billing of the loan the month following receipt of proof of completion of the replacement of the LSL and receipt of a written and executed financial assistance agreement.

Public Service Commission of Wisconsin

Sheboygan Water Utility

Financial Assistance for Customer-Side Lead Service Line Replacement

F. Loan Agreement Term and Repayment

The term of the loan will include a 72 month repayment period, or shorter period as determined by the property owner, with an interest charge of 0 percent. The loan will be repaid in equal installments billed to the property owner.

The Utility shall not forgive the amount loaned to a property owner. Should the property be sold, the loan will become due at that time.

Public Service Commission of Wisconsin

Sheboygan Water Utility

**Financial Assistance for Replacement of Customer-Side Service Lines
Containing Lead and Disconnection**

The Utility may disconnect water service in accordance with Schedule X-1 and Wis. Admin. Code § PSC 185.37 when one of the following occurs:

A. Failure to Provide Access to Inventory LSL

If the property owner does not provide the requested reasonable access for inspections to determine or confirm the service line's construction material as described in Schedule LSL-1, the Utility may proceed to disconnect water service following the notification and disconnection procedures set forth in the Utility's tariffs and Wis. Admin. Code § PSC 185.37. Re-connection charges shall apply.

B. Failure to Replace LSL When Required as Part of a Utility Project

If the property owner does not replace the LSL, or any necessary and reasonable agreement with the customer is not in place as described in Schedule LSL-1, the Utility may refuse to reconnect the property owner's water service or may proceed to disconnect water service following the notification and disconnection procedures set forth in Schedule X-1 and Wis. Admin. Code § PSC 185.37. Reconnection charges shall apply.

C. Failure to Replace LSL When Not Required as Part of a Utility Project

If the property owner does not replace the LSL by the date specified by the Utility pursuant to Schedule LSL-1, the Utility may proceed to disconnect water service following the notification and disconnection procedures set forth in Schedule X-1 and Wis. Admin. Code § PSC 185.37. Reconnection charges shall apply.

Public Service Commission of Wisconsin

Sheboygan Water Utility

Water Utility Operating Rules

Compliance with Rules

All persons now receiving water service from this water utility, or who may request service in the future, shall be considered as having agreed to be bound by the rules and regulations as filed with the Public Service Commission of Wisconsin.

Establishment of Service

Application for water service may be made in writing on a form furnished by the water utility. The application will contain the legal description of the property to be served, the name of the owner, the exact use to be made of the service, and the size of the service lateral and meter desired. Note particularly any special refrigeration, fire protection, or water-consuming air-conditioning equipment.

Service will be furnished only if (1) the premises have a frontage on a properly platted street or public strip in which a cast iron or other long-life water main has been laid, or where the property owner has agreed to and complied with the provisions of the water utility's filed main extension rule, (2) the property owner has installed or agrees to install a service lateral from the curb stop to the point of use that is not less than 6 feet below the surface of an established or proposed grade and meets the water utility's specifications, and (3) the premises have adequate piping beyond the metering point.

The owner of a multi-unit dwelling has the option of being served by individual metered water service to each unit. The owner, by selecting this option, is required to provide interior plumbing and meter settings to enable individual metered service to each unit and individual disconnection without affecting service to other units. Each meter and meter connection will be treated as a separate water utility account for the purpose of the filed rules and regulations.

No division of the water service lateral to any lot or parcel of land shall be made for the extension and independent metering of the supply to an adjoining lot or parcel of land. Except for duplexes, no division of a water service lateral shall be made at the curb for separate supplies for two or more separate premises having frontage on any street or public service strip, whether owned by the same or different parties. Duplexes may be served by one lateral provided (1) individual metered service and disconnection is provided and (2) it is permitted by local ordinance.

Buildings used in the same business, located on the same parcel, and served by a single lateral may have the customer's water supply piping installed to a central point so that volume can be metered in one place.

The water utility may withhold approval of any application where full information of the purpose of such supply is not clearly indicated and set forth by the applicant property owner.

Public Service Commission of Wisconsin

Sheboygan Water Utility

Water Utility Operating Rules

Reconnection of Service

Where the water utility has disconnected service at the customer's request, a reconnection charge shall be made when the customer requests reconnection of service. See Schedule R-1 for the applicable rate.

A reconnection charge shall also be required from customers whose services are disconnected (shut off at curb stop box) because of nonpayment of bills when due. See Schedule R-1 for the applicable rate.

If reconnection is requested for the same location by any member of the same household, or, if a place of business, by any partner of the same business, it shall be considered as the same customer.

Temporary Metered Service, Meter, and Deposits

An applicant for temporary water service on a metered basis shall make and maintain a monetary deposit for each meter installed as security for payment for use of water and for such other charges which may arise from the use of the supply. A charge shall be made for setting the valve and furnishing and setting the meter. See Schedule BW-1 for the applicable rate.

Water for Construction

When water is requested for construction purposes or for filling tanks or other such uses, an application shall be made to the water utility, in writing, giving a statement of the amount of construction work to be done or the size of the tank to be filled, etc. Payment for the water for construction may be required in advance at the scheduled rates. The service lateral must be installed into the building before water can be used. No connection with the service lateral at the curb shall be made without special permission from the water utility. In no case will any employee of the water utility turn on water for construction work unless the contractor has obtained permission from the water utility.

Customers shall not allow contractors, masons, or other persons to take unmetered water from their premises without permission from the water utility. Any customer failing to comply with this provision may have water service discontinued and will be responsible for the cost of the estimated volume of water used.

Public Service Commission of Wisconsin

Sheboygan Water Utility

Water Utility Operating Rules

Use of Hydrants

In cases where no other supply is available, permission may be granted by the water utility to use a hydrant. No hydrant shall be used until the proper meter and valve are installed. In no case shall any valve be installed or moved except by an employee of the water utility.

Before a valve is set, payment must be made for its setting and for the water to be used at the scheduled rates. Where applicable, see Schedule BW-1 for deposits and charges. Upon completing the use of the hydrant, the customer must notify the water utility to that effect.

Operation of Valves and Hydrants and Unauthorized Use of Water - Penalty

Any person who shall, without authority of the water utility, allow contractors, masons, or other unauthorized persons to take water from their premises, operate any valve connected with the street or supply mains, or open any fire hydrant connected with the distribution system, except for the purpose of extinguishing fire, or who shall wantonly damage or impair the same, shall be subject to a fine as provided by municipal ordinance. Utility permission for the use of hydrants applies only to such hydrants that are designated for the specific use.

Refunds of Monetary Deposits

All money deposited as security for payment of charges arising from the use of temporary water service on a metered basis, or for the return of a hydrant valve and fixtures if the water is used on an unmetered basis, will be refunded to the depositor on the termination of the use of water, the payment of all charges levied against the depositor, and the return of the water utility's equipment.

Service Laterals

No water service lateral shall be laid through any trench having cinders, rubbish, rock or gravel fill, or any other material which may cause injury to or disintegration of the service lateral, unless adequate means of protection are provided by sand filling or such other insulation as may be approved by the water utility. Service laterals passing through curb or retaining walls shall be adequately safeguarded by provision of a channel space or pipe casing not less than twice the diameter of the service connection. The space between the service lateral and the channel or pipe casing shall be filled and lightly caulked with an oakum, mastic cement, or other resilient material and made impervious to moisture.

In backfilling the pipe trench, the service lateral must be protected against injury by carefully hand tamping the ground filling around the pipe. There should be at least 6 inches of ground filling over the pipe, and it should be free from hard lumps, rocks, stones, or other injurious material.

Public Service Commission of Wisconsin

Sheboygan Water Utility

Water Utility Operating Rules

Service Laterals (continued)

All water service laterals shall be of undiminished size from the street main into the point of meter placement. Beyond the meter outlet valve, the piping shall be sized and proportioned to provide, on all floors, at all times, an equitable distribution of the water supply for the greatest probable number of fixtures or appliances operating simultaneously.

Replacement and Repair of Service Laterals

The service lateral from the main corporation valve outlet to and through the curb stop to the meter will be maintained and kept in repair and, when worn out, replaced at the expense of the property owner.

If an owner fails to repair a leaking or broken service lateral from the curb to the point of metering or use within such time as may appear reasonable to the water utility after notification has been served on the owner by the water utility, the water will be shut off and will not be turned on again until the repairs have been completed.

Abandonment of Service

If a property owner changes the use of a property currently receiving water service such that water service will no longer be needed in the future, the water utility may require the abandonment of the water service at the water main. In such case, the property owner may be responsible for all removal and/or repair costs, including the water main and the utility portion of the water service lateral.

Charges for Water Wasted Due to Leaks

See Wis. Admin. Code § PSC 185.35 or Schedule X-4, if applicable.

Thawing Frozen Service Laterals

See Wis. Admin. Code § PSC 185.88 or Schedule X-4, if applicable.

Curb Stop Boxes

The curb stop box is the property of the property owner. The property owner is responsible for its repair and maintenance. This includes maintaining, through adjustment, the curb stop box at an appropriate grade level. The property owner is responsible for protecting the curb stop box from situations that could obstruct access to it or unduly expose it to harm. The water utility shall not be liable for failure to locate the curb stop box and shut off the water in case of a leak on the owner's premises.

Public Service Commission of Wisconsin

Sheboygan Water Utility

Water Utility Operating Rules

Installation of Meters

Meters will be owned, furnished, and installed by the water utility or a utility-approved contractor and are not to be disconnected or tampered with by the customer. All meters shall be so located that they shall be protected from obstructions and permit ready access for reading, inspection, and servicing, such location to be designated or approved by the water utility. All piping within the building must be supplied by the owner. Where additional meters are desired by the owner, the owner shall pay for all piping. Where applicable, see Schedule Am-1 for rates.

Repairs to Meters

Meters will be repaired by the water utility, and the cost of such repairs caused by ordinary wear and tear will be borne by the water utility.

Repair of any damage to a meter resulting from the carelessness of the owner of the premises, owner's agent, or tenant, or from the negligence of any one of them to properly secure and protect same, including any damage that may result from allowing a water meter to become frozen or to be damaged from the presence of hot water or steam in the meter, shall be paid for by the customer or the owner of the premises.

Service Piping for Meter Settings

Where the original service piping is installed for a new metered customer, where existing service piping is changed for the customer's convenience, or where a new meter is installed for an existing unmetered customer, the owner of the premises at his/her expense shall provide a suitable location and the proper connections for the meter. The meter setting and associated plumbing shall comply with the water utility's standards. **The water utility shall determine the type and size of the meter setting.**

Turning on Water

The water may only be turned on for a customer by an authorized employee of the water utility. Plumbers may turn the water on to test their work, but upon completion must leave the water turned off.

Sprinkling Restrictions and Emergency Water Conditions

Where the municipality has a policy regarding sprinkling restrictions and/or emergency water conditions, failure to comply with such may result in disconnection of service.

See Wis. Admin. Code § PSC 185.37.

Public Service Commission of Wisconsin

Sheboygan Water Utility

Water Utility Operating Rules

Failure to Read Meters

Where the water utility is unable to read a meter, the fact will be plainly indicated on the bill, and either an estimated bill will be computed or the minimum charge applied. The difference shall be adjusted when the meter is again read, that is, the bill for the succeeding billing period will be computed with the gallons or cubic feet in each block of the rate schedule doubled, and credit will be given on that bill for the amount of the bill paid the preceding period. Only in unusual cases shall more than three consecutive estimated or minimum bills be rendered.

If the meter is damaged (see Surreptitious Use of Water) or fails to operate, the bill will be based on the average use during the past year, unless there is some reason why the use is not normal. If the average use cannot be properly determined, the bill will be estimated by some equitable method.

See Wis. Admin. Code § PSC 185.33.

Complaint Meter Tests

See Wis. Admin. Code § PSC 185.77.

Inspection of Premises

During reasonable hours, any officer or authorized employee of the water utility shall have the right of access to the premises supplied with service for the purpose of inspection or for the enforcement of the water utility's rules and regulations. Whenever appropriate, the water utility will make a systematic inspection of all unmetered water taps for the purpose of checking waste and unnecessary use of water.

See Wis. Stat. § 196.171.

Vacation of Premises

When premises are to be vacated, the water utility shall be notified, in writing, at once, so that it may remove the meter and shut off the water supply at the curb stop. The owner of the premises shall be liable for prosecution for any damage to the water utility's property. See "Abandonment of Service" in Schedule X-1 for further information.

Deposits for Residential Service

See Wis. Admin. Code § PSC 185.36.

Public Service Commission of Wisconsin

Sheboygan Water Utility

Water Utility Operating Rules

Deposits for Nonresidential Service

See Wis. Admin. Code § PSC 185.361.

Deferred Payment Agreement

See Wis. Admin. Code § PSC 185.38 or Schedule X-4, if applicable.

Dispute Procedures

See Wis. Admin. Code § PSC 185.39.

Disconnection and Refusal of Service

See Wis. Admin. Code § PSC 185.37.

The following is an example of a disconnection notice that the utility may use to provide the required notice to customers.

DISCONNECTION NOTICE

Dear Customer:

The bill enclosed with this notice includes your current charge for water utility service and your previous unpaid balance.

You have 10 days to pay the water utility service arrears or your service is subject to disconnection.

If you fail to pay the service arrears or fail to contact us within the 10 days allowed to make reasonable deferred payment arrangement or other suitable arrangement, we will proceed with disconnection action.

To avoid the inconvenience of service interruption and an additional charge of (amount) for reconnection, we urge you to pay the full arrears IMMEDIATELY AT ONE OF OUR OFFICES.

If you have entered into a Deferred Payment Agreement with us and have failed to make the deferred payments you agreed to, your service will be subject to disconnection unless you pay the entire amount due within 10 days.

If you have a reason for delaying the payment, call us and explain the situation.

Public Service Commission of Wisconsin

Sheboygan Water Utility

Water Utility Operating Rules

Disconnection and Refusal of Service (continued)

DISCONNECTION NOTICE (continued)

PLEASE CALL THIS TELEPHONE NUMBER, (telephone number), IMMEDIATELY IF:

1. You dispute the notice of delinquent account.
2. You have a question about your water utility service arrears.
3. You are unable to pay the full amount of the bill and are willing to enter into a deferred payment agreement with us.
4. There are any circumstances you think should be taken into consideration before service is discontinued.
5. Any resident is seriously ill.

Illness Provision: If there is an existing medical emergency in your home and you furnish the water utility with a statement signed by either a licensed Wisconsin physician or a public health official, we will delay disconnection of service up to 21 days. The statement must identify the medical emergency and specify the period of time during which disconnection will aggravate the existing emergency.

Deferred Payment Agreements: If you are a residential customer and you are unable to pay the full amount of the water utility service arrears on your bill, you may contact the water utility to discuss arrangements to pay the arrears over an extended period of time.

This time payment agreement will require:

1. Payment of a reasonable amount at the time the agreement is made.
2. Payment of the remainder of the outstanding balance in monthly installments over a reasonable length of time.
3. Payment of all future water utility service bills in full by the due date.

In any situation where you are unable to resolve billing disputes or disputes about the grounds for proposed disconnection through contacts with our water utility, you may make an appeal to the Public Service Commission of Wisconsin by calling (800) 225-7729.

(WATER UTILITY NAME)

EFFECTIVE: =TBD=

PSCW AUTHORIZATION: 5370-WR-110

Public Service Commission of Wisconsin

Sheboygan Water Utility

Water Utility Operating Rules

Collection of Overdue Bills

An amount owed by the customer may be levied as a tax as provided in Wis. Stat. § 66.0809.

Surreptitious Use of Water

When the water utility has reasonable evidence that a person is obtaining water, in whole or in part, by means of devices or methods used to stop or interfere with the proper metering of the water utility service being delivered, the water utility reserves the right to estimate and present immediately a bill for unmetered service as a result of such interference, and such bill shall be payable subject to a 24-hour disconnection of service. If the water utility disconnects the service for any such reason, the water utility will reconnect the service upon the following conditions:

- A. The customer will be required to deposit with the water utility an amount sufficient to guarantee the payment of the bills for water utility service.
- B. The customer will be required to pay the water utility for any and all damages to water utility equipment resulting from such interference with the metering.
- C. The customer must further agree to comply with reasonable requirements to protect the water utility against further losses.

See Wis. Stat. §§ 98.26 and 943.20.

Repairs to Mains

The water utility reserves the right to shut off the water supply in the mains temporarily to make repairs, alterations, or additions to the plant or system. When the circumstances will permit, the water utility will give notification, by newspaper publication or otherwise, of the discontinuance of the water supply. No credit will be allowed to customers for such temporary suspension of the water supply.

See Wis. Admin. Code § PSC 185.87.

Duty of Water Utility with Respect to Safety of the Public

It shall be the duty of the water utility to see that all open ditches for water mains, hydrants, and service laterals are properly guarded to prevent accident to any person or vehicle, and at night there shall be displayed proper signal lighting to insure the safety of the public.

Public Service Commission of Wisconsin

Sheboygan Water Utility

Water Utility Operating Rules

Handling Water Mains and Service Laterals in Excavation Trenches

Contractors must call Digger’s Hotline and ensure a location is done to establish the existence and location of all water mains and service laterals as provided in Wis. Stat. § 182.0175. Where water mains or service laterals have been removed, cut, or damaged during trench excavation, the contractors must, at their own expense, cause them to be replaced or repaired at once. Contractors must not shut off the water service laterals to any customer for a period exceeding 6 hours.

Protective Devices

- A. Protective Devices in General: The owner or occupant of every premise receiving water supply shall apply and maintain suitable means of protection of the premise supply and all appliances against damage arising in any manner from the use of the water supply, variation of water pressure, or any interruption of water supply. Particularly, such owner or occupant must protect water-cooled compressors for refrigeration systems by means of high and/or low pressure safety cutout devices. There shall likewise be provided means for the prevention of the transmission of water ram or noise of operation of any valve or appliance through the piping of their own or adjacent premises.

- B. Relief Valves: On all "closed systems" (i.e., systems having a check valve, pressure regulator, reducing valve, water filter, or softener), an effective pressure relief valve shall be installed at or near the top of the hot water tank or at the hot water distribution pipe connection to the tank. No stop valve shall be placed between the hot water tank and the relief valve or on the drain pipe. See applicable plumbing codes.

- C. Air Chambers: An air chamber or approved shock absorber shall be installed at the terminus of each riser, fixture branch, or hydraulic elevator main for the prevention of undue water hammer. The air chamber shall be sized in conformance with local plumbing codes. Where possible, the air chamber should be provided at its base with a valve for water drainage and replenishment of air.

Cross-Connections

Every person owning or occupying a premise receiving municipal water supply shall maintain such municipal water supply free from any connection, either of a direct or of an indirect nature, with a water supply from a foreign source or of any manner of connection with any fixture or appliance whereby water from a foreign supply or the waste from any fixture, appliance, or waste or soil pipe may flow or be siphoned or pumped into the piping of the municipal water system.

See Wis. Admin. Code § NR 811.06.

Public Service Commission of Wisconsin

Sheboygan Water Utility

Water Main Extension Rule

Water mains will be extended for new customers on the following basis:

- A. Where the cost of the extension is to immediately be collected through assessment by the municipality against the abutting property, the procedure set forth under Wis. Stat. § 66.0703 will apply, and no additional customer contribution to the utility will be required.

- B. Where the municipality is unwilling or unable to make a special assessment, the extension will be made on a customer-financed basis as follows:
 - 1. The applicant(s) will advance as a contribution in aid of construction the total amount equivalent to that which would have been assessed for all property under paragraph A.

 - 2. Part of the contribution required in paragraph B.1. will be refundable. When additional customers are connected to the extended main within 10 years of the date of completion, contributions in aid of construction will be collected equal to the amount which would have been assessed under paragraph A. for the abutting property being served. This amount will be refunded to the original contributor(s). In no case will the contributions received from additional customers exceed the proportionate amount which would have been required under paragraph A., nor will it exceed the total assessable cost of the original extension.

- C. When a customer connects to a transmission main or connecting loop installed at utility expense within 10 years of the date of completion, there will be a contribution required of an amount equivalent to that which would have been assessed under paragraph A.

Public Service Commission of Wisconsin

Sheboygan Water Utility

Water Main Installations in Platted Subdivisions

Application for installation of water mains in regularly platted real estate development subdivisions shall be filed with the utility.

If the developer, or a contractor employed by the developer, is to install the water mains (with the approval of the utility), the developer shall be responsible for the total cost of construction.

If the utility or its contractor is to install the water mains, the developer shall be required to advance to the utility, prior to the beginning of the construction, the total estimated cost of the extension. If the final costs exceed estimated costs, an additional billing will be made for the balance of the cost due. This balance is to be paid within 30 days. If final costs are less than estimated, a refund of the overpayment will be made by the water utility.

Public Service Commission of Wisconsin

Sheboygan Water Utility

Water Customer Supplemental Rules

Compliance with Rules

All persons now receiving water service from this water utility, or who may request service in the future, shall be considered as having agreed to be bound by the rules and regulations as filed with the Public Service Commission of Wisconsin.

Charges for Water Wasted Due to Leaks

Pursuant to Wis. Admin. Code § 185.35(6) and the utility's policy, when a leak unknown to the customer is found in an appliance or the plumbing, the utility shall estimate the water wasted due to the leak and bill for this excess usage at a reduced rate not less than the utility's cost. If this provision applies, the utility shall bill the customer for excess usage at the rate of \$0.46 per 100 cubic feet. No additional adjustments shall be made for water supplied after the customer has been notified of the leak and has had an opportunity to correct the condition.

Thawing Frozen Service Laterals

See Wis. Admin. Code § PSC 185.88.

Sheboygan Water Utility
Customer Water Bill Comparison at Present and Proposed Rates

Customer Type	Meter Size	Volume (100 Cubic Feet)	Quarterly			Quarterly Including Public Fire Protection		
			Bills at Old Rates	Bills at New Rates	Percent Change	Bills at Old Rates	Bills at New Rates	Percent Change
Small Residential	3/4"	8	\$ 27.48	\$ 28.76	4.66%	\$ 36.03	\$ 37.55	4.22%
Average Residential	3/4"	15	\$ 38.40	\$ 40.80	6.25%	\$ 46.95	\$ 49.59	5.62%
Large Residential	3/4"	50	\$ 93.00	\$ 101.00	8.60%	\$ 101.55	\$ 109.79	8.11%
Large Residential	3/4"	100	\$ 171.00	\$ 187.00	9.36%	\$ 179.55	\$ 195.79	9.04%
Large Residential	3/4"	150	\$ 249.00	\$ 273.00	9.64%	\$ 257.55	\$ 281.79	9.41%
Multifamily Residential	2"	375	\$ 632.25	\$ 683.25	8.07%	\$ 699.75	\$ 752.25	7.50%
Multifamily Residential	2"	400	\$ 669.50	\$ 723.50	8.07%	\$ 737.00	\$ 792.50	7.53%
Multifamily Residential	2"	450	\$ 744.00	\$ 804.00	8.06%	\$ 811.50	\$ 873.00	7.58%
Multifamily Residential	2"	575	\$ 930.25	\$ 1,005.25	8.06%	\$ 997.75	\$ 1,074.25	7.67%
Public Authority	6"	680	\$ 1,344.70	\$ 1,432.30	6.51%	\$ 1,767.70	\$ 1,873.30	5.97%
Public Authority	4"	560	\$ 1,012.90	\$ 1,086.10	7.23%	\$ 1,225.90	\$ 1,305.10	6.46%

Customer Type	Meter Size	Volume (100 Cubic Feet)	Monthly			Monthly Including Public Fire Protection		
			Bills at Old Rates	Bills at New Rates	Percent Change	Bills at Old Rates	Bills at New Rates	Percent Change
Commercial	3"	1,300	\$ 2,010.50	\$ 2,168.50	7.86%	\$ 2,053.50	\$ 2,212.50	7.74%
Commercial	3"	1,600	\$ 2,457.50	\$ 2,651.50	7.89%	\$ 2,500.50	\$ 2,695.50	7.80%
Commercial	3"	1,650	\$ 2,532.00	\$ 2,732.00	7.90%	\$ 2,575.00	\$ 2,776.00	7.81%
Commercial	3"	1,950	\$ 2,905.16	\$ 3,138.32	8.03%	\$ 2,948.16	\$ 3,182.32	7.94%
Industrial	3"	13,500	\$ 17,111.66	\$ 18,615.32	8.79%	\$ 17,154.66	\$ 18,659.32	8.77%
Industrial	4"	19,000	\$ 24,533.66	\$ 26,697.32	8.82%	\$ 24,604.66	\$ 26,770.32	8.80%
Industrial	8"	77,000	\$ 95,480.66	\$ 103,969.32	8.89%	\$ 95,706.66	\$ 104,203.32	8.88%
Industrial	8"	79,000	\$ 97,940.66	\$ 106,649.32	8.89%	\$ 98,166.66	\$ 106,883.32	8.88%
Public Authority	2"	3,000	\$ 4,168.66	\$ 4,517.32	8.36%	\$ 4,191.16	\$ 4,540.32	8.33%
Public Authority	8"	34,435	\$ 41,749.71	\$ 45,446.22	8.85%	\$ 41,975.71	\$ 45,680.22	8.83%

The Accident Fund Difference

More than 100 years of experience has led to Accident Fund's success in providing superior workers' compensation solutions to policyholders. We've learned that when someone gets hurt on the job, it impacts more than just one person. Our team is committed to doing what it takes to bring injured workers back to their families, back to their jobs and back to life as usual.

TeleCompCare

Care Analytics

19%
Claim costs lower than industry.

Safety Training

Narcotics Program



Pharmacy Program



22%
Mod Reduction

Our Commitment and Expertise

Our goal is superior claims management, underwriting expertise and value-added services designed to reduce costs for policyholders. Our industry-leading services, such as our narcotics and pharmacy programs, and Care Analytics program — which helps us identify local physicians who understand work-related injuries and provide superior care to get injured employees back to work — have resulted in **claim costs that are 19% below the industry**. What does this mean to you? Better care for your employees and lower premiums for your bottom line.

Creating Efficiencies

We offer a unique pay-as-you-go solution that bases premium on actual payrolls (rather than estimates) and allows for convenient online payments. Our website offers a complete library of resources — including workplace safety training and videos, safety tip sheets and guidebooks, claims information and fraud information — at no cost to you.

Our Team of Experts

We pride ourselves on providing exceptional service. That's why we staff our own team of experts instead of using vendors and we have a local presence (not a phone number) in our core states. Our goal is to provide appropriate care to injured workers while reducing claims costs for our customers.

- **Loss Control Consultants** – With workplace safety as their number one goal, our consultants provide personal, unrivaled safety services and support to policyholders.
- **Internal Nurse Case Managers** – Our nurse case managers work closely with injured workers, employers, physicians and claims handlers throughout the entire claim process to ensure the worker receives the best care while assisting in early return to work which helps to reduce claim costs.
- **Corporate Medical Director** – Our in-house medical director provides guidance and strategic direction on a wide range of medical management and cost containment initiatives, with a special focus on improving the quality of care for injured workers.
- **TeleCompCare** – This 24/7 nurse triage hotline provides injured workers with access to quick medical assessments, referral to medical care when appropriate and a convenient option to connect with an occupational physician via live video conference.
- **Pharmacist** – Our staff pharmacist works closely with our claims team to recommend changes to medications and identifies inappropriate dispensing to help avoid opioid addiction and prolonged recovery times.
- **Investigative Services Unit** – With billions of dollars lost in the industry each year to insurance fraud, our team of former law enforcement professionals partner with our claims team to investigate and expose potential fraud.
- **Premium Audit** – Our auditors are the best in the business, working with customers to verify payroll and class codes to ensure accurate premiums.
- **Claim Handlers** – Seasoned claim professionals located in the field who understand their local legal and medical environment – and can guide the injured worker through the recovery process.
- **Medical Bill Review** – This team collects all injured worker bills to review for accuracy.

Protecting Your Employees – And Your Bottom Line

By proactively caring for injured workers and helping business owners improve workplace safety, we have successfully lowered experience mods, and therefore reduced costs, for our customers. An average mod beginning at 1.30 when written with **Accident Fund is reduced by 22%** to 1.0 by its third year – and to a credit mod of .99 by the fourth year. Two-thirds of accounts that stay with us to the fourth year achieve a credit mod.



Accident Fund Insurance Company of America is a member of AF Group. Insurance policies may be issued by any of the following companies within AF Group: Accident Fund Insurance Company of America, Accident Fund National Insurance Company, Accident Fund General Insurance Company, United Wisconsin Insurance Company, Third Coast Insurance Company or CompWest Insurance Company.



HUB International Midwest Ltd.

WORKERS' COMPENSATION RENEWAL

To: SHEBOYGAN WATER UTILITY
 From: Accident Fund Ins Co Of America
 Agency: HUB International Midwest Ltd.
 Agency Code: 0005043
 Agency Contact:
 Date: Monday, October 25, 2021
 Insured: SHEBOYGAN WATER UTILITY
 Quote Id: 5003458-20
 City/State: SHEBOYGAN, WI
 FEIN/SSN: 396005601
 Renewal Effective Date: 01/01/2022
 Renewal Expiration Date: 01/01/2023

ACCIDENT FUND INS CO OF AMERICA is pleased to present your renewal quote for Workers Compensation Insurance coverage in the state of WI.

Premium: \$36,999.00
 Minimum Premium: \$841.00
 Dividend Plan: DIVIDEND TABLE 35% FLAT
 Payment Plan: Bill Other - 10 Pay (Deposit 10%)

Employers' Liability

Each Accident	Disease - Policy Limit	Disease - Each Employee
\$100,000.00	\$500,000.00	\$100,000.00

Installment Schedule

Installment #	Date Due	Installments	Amount(\$)
1	1/1/2022	WC Policy - Initial Installment - 10%	3,699.90
2	2/1/2022	WC Policy - Installment	3,699.90
3	3/1/2022	WC Policy - Installment	3,699.90
4	4/1/2022	WC Policy - Installment	3,699.90
5	5/1/2022	WC Policy - Installment	3,699.90
6	6/1/2022	WC Policy - Installment	3,699.90
7	7/1/2022	WC Policy - Installment	3,699.90
8	8/1/2022	WC Policy - Installment	3,699.90
9	9/1/2022	WC Policy - Installment	3,699.90
10	10/1/2022	WC Policy - Installment	3,699.90

Total Installments \$36,999.00

Coverage

State	Location	Class Code	Class Description	Premium Basis	Rate per \$100/Factor	Est. Annual Premium
Wisconsin	1	7520	WATERWORKS OPERATION & DRIVERS	\$1,485,000.00	3.4500	\$51,233.00
Wisconsin	1	8810	CLERICAL OFFICE EMPLOYEES NOC	\$620,000.00	0.1900	\$1,178.00
Subtotal						\$52,411.00
Wisconsin	1	9741	CATASTROPHE	\$2,105,000.00	0.0100	\$211.00
Wisconsin	1	9740	TERRORISM	\$2,105,000.00	0.0200	\$421.00
Wisconsin	1	9898	EXPERIENCE MODIFICATION	\$52,411.00	0.7400	(\$13,627.00)
Wisconsin	1	0063	PREMIUM DISCOUNT	\$38,784.00	0.0680	(\$2,637.00)
Wisconsin	1	0900	EXPENSE CONSTANT	\$0.00	0.0000	\$220.00

Subtotal	(\$15,412.00)
Total for Location	\$36,999.00
Total State Premium	\$36,999.00
Total For Policy	\$36,999.00

The quotation requested should be considered an estimate and is subject to change based on changes in rates or any other item by jurisdictions that have control over such items. The quote is valid until the effective date of the renewal 01/01/2022.



CITIES & VILLAGES MUTUAL INSURANCE COMPANY

INSURANCE PROPOSAL

Experience the CVMIC Difference

DATE

24 NOVEMBER 2021

CREATED FOR

CITY OF SHEBOYGAN WATER UTILITY





”We stand proud with our members here at CVMIC and continue our relentless pursuit of helping Wisconsin municipalities move forward.”

—Kevin Wondra, CEO

MISSION STATEMENT

Cities and Villages Mutual Insurance Company (CVMIC) is dedicated to developing and maintaining high-quality, stable, affordable insurance and risk management services; supporting public services and serving the needs of its member owners.

VISION 2025

CVMIC will be the model of innovation for municipal insurance companies and be the premier source for insurance and risk management services and resources.

PROFESSIONAL INSURANCE WITH A PERSONAL APPROACH

At CVMIC, our personal approach helps members utilize the right insurance products, safety training, human resources and other risk management services. We believe in teamwork and cooperation and work closely with each individual member to meet their needs.

We provide peace of mind and a plan of action to help you overcome your challenges. CVMIC works with you and for you to foster a mutually beneficial partnership for now and the future.

Stable,
Affordable
Insurance

Supervisory
and
Management
Training

Safety
Training
and
Services

Human
Resource
Training
and
Services

Excellent
Claims
Services



9898 W. Blue Mound Road
Wauwatosa, WI 53226-4319

office 262-784-5666
fax 262-784-5599

web cvmic.com

11/23/2021

Joe Trueblood, P.E.
Superintendent, Sheboygan Water Utility
72 Park Avenue
Sheboygan, WI 53081

Re: Insurance Proposal

Dear Joe:

On behalf of our team, I would like to personally thank you for the opportunity to provide the included proposal. Cities and Villages Mutual Insurance Company (CVMIC) takes pride in offering quality insurance products and risk management solutions for our members. In addition, our talented and dedicated service teams provide industry-leading training and service that is customized to meet your specific needs. Our products, training, and service combined with our talented team create what we call the "CVMIC Difference" for our members.

Our members and their many operations such as utilities are the core of our business and the purpose of our existence. The principles of teamwork and cooperation guide our success as we partner with our insureds who are engaged and committed to each other and the organization. We look forward to building a successful long-term relationship should you choose to join us.

If you have any questions, please feel free to contact me or any of our service team members. Thank you again for the opportunity to develop a mutual partnership for both now and the future.

Sincerely,

Pallin Allen

Pallin Allen
Manager of Member Services and Risk Management

tel: 414-831-6005
office: 262-784-5666 (ext. 205)
email: pea@cvmic.com
web: cvmic.com

Insurance Proposal Summary

The CVMIC Difference

High-quality insurance products, excellent training and service, access to our advantage programs, and a committed team of professionals create the CVMIC difference. Our member owners are the purpose of our existence and are collectively engaged in the success of the company.

This customized proposal is based on your coverage requests, loss experience, and risk tolerance. Thank you for the opportunity to provide this proposal and we look forward to developing a long-term partnership should you choose to join CVMIC.

CVMIC Insurance Recommendation

CVMIC Primary Coverages	Premium
CVMIC Liability Program	\$N/A
CVMIC Workers' Compensation Program	\$36,770
CVMIC Auto Physical Damage Program	\$N/A
TOTAL PRIMARY COVERAGES	\$ 36,770
CVMIC Group Purchases	
Cyber Liability (required/included)	\$N/A
Excess Liability Insurance (required)	\$N/A
Employment Practices Liability Insurance (required)	\$N/A
Crime (optional)	\$N/A
Equipment Breakdown / B&M (optional)	\$N/A
Pollution Legal Liability (optional)	\$N/A
Volunteer Liability Insurance (optional) - Cost =\$3.44/Volunteer	\$N/A
TOTAL GROUP PURCHASES	\$ N/A
Dividend	
Estimated Dividend (Returned to Member)	(-\$0)
TOTAL ESTIMATED DIVIDEND	(-\$ 9,193)



ESTIMATED NET PREMIUM

\$27,577

Insurance Proposal—Primary Coverages

CVMIC Liability Program

Includes:

- General Liability
- Auto Liability
- Professional Liability
- Public Officials Liability

*SIR = Self-Insured Retention

	*SIR OPTIONS	PREMIUM
	\$0	\$0
CVMIC Recommended	\$0	\$0
	\$0	\$0

CVMIC Auto Physical Damage Program

Includes:

- Collision
- Comprehensive
- Replacement cost (Except for private passenger vehicles over 5 years old)

	DEDUCTIBLE	PREMIUM
	\$0	\$0
CVMIC Recommended	\$0	\$0
	\$0	\$0

CVMIC Workers' Compensation Program

Statutorily based rates

PREMIUM
\$36,770

Primary Coverage Summary - Premium

Membership Includes:

- Supervisor and management training
- Safety training and service
- HR & EPL training and service
- Claims management support
- Risk management services
- CVMIC Advantage Programs

	LOWEST	HIGHEST
	\$0	\$0
Primary Coverage	Primary Coverage	Primary Coverage
	\$0	\$0
Estimated Dividend	Estimated Dividend	Estimated Dividend
	PRIMARY COVERAGE NET PREMIUM	
	\$0	\$0

Dividend Program

Estimated Dividend Potential

(Approved annually based on financial results.)

- Liability program ranges from 5-60% of premium
- WC program ranges from 0-20%
- APD program ranges from 0-20% of premium
- Total dividend is an estimate and not guaranteed



Please see policy summaries for further details.

Insurance Proposal—Group Purchases

PREMIUM

Cyber Liability (required/included)

Coverage is included with membership
\$0 Coverage is \$1,000,000 per occurrence (Group Aggregate - \$3,000,000)
\$50,000 deductible, Cyber Response Team deductible is \$25,000

PREMIUM

Excess Liability Insurance (required)

\$0 Coverage is additional \$5MM above the CVMIC \$5MM amount

PREMIUM

Employment Practices Liability Insurance (required)

\$0 \$25,000 deductible, minimum \$25,000 determined by carrier
Coverage is \$1,000,000 for excluded portions of CVMIC policy

PREMIUM

Crime (optional)

\$0 \$20,000 deductible
Coverage is \$5,000,000 limit by occurrence

PREMIUM

Equipment Breakdown / B&M (optional)

\$0 Deductible \$2,500
Covers \$500,000,000 per occurrence
Sub-limits apply

PREMIUM

Pollution Legal Liability (optional)

\$0 \$50,000 deductible
Coverage is \$1,000,000 for each pollution condition

PREMIUM

Volunteer Liability Insurance (optional)

\$0 Rate \$3.44 per volunteer

*Changes to coverage are possible with the group purchase carriers based on market adjustments and the review of claims

GROUP PURCHASE PREMIUM SUMMARY

\$0	\$0
Required Premium	All options



**Please see policy summaries
for further details.**

CVMIC Insurance Coverages

We provide quality insurance products, outstanding member service and valuable risk management resources.



Public Entity Liability Insurance

- General Liability Insurance
- Auto Liability Insurance
- Public Official's Liability Insurance



Workers' Compensation and Employer's Liability Insurance

- First Dollar Program
- TPA Services Available



Group Purchases

- Employment Practices Liability Insurance
- Volunteer Insurance
- Crime Coverage
- Privacy & Network Liability Insurance
- Excess Liability Insurance
- Equipment Breakdown Coverage (Boiler & Machinery)
- Pollution Legal Liability



Auto Physical Damage Insurance

- Collision
- Comprehensive



Property Insurance

Through MPIC (Municipal Property Insurance Company)



Training on Your Schedule

CVMIC offers on-site and regional training opportunities. In addition, we offer live and recorded webinars, online courses, and streaming videos. Our team of professionals helps Wisconsin municipalities meet their HR, safety, and leadership training needs.



POPULAR TRAINING TOPICS:

SAFETY & RISK MANAGEMENT

- Back Safety & Safe Lifting
- Behavioral Based Safety
- Bloodborne Pathogens
- Chain Saw Safety
- Confined Space Entry
- Defensive Driving
- Excavation Safety
- Forklift Training
- Hazard Communication
- Hearing Conservation
- Lockout/Tagout Personal
- Seasonal Employee Safety
- Slips, Trips & Falls
- Work Zone Traffic Safety

AND MORE...

HUMAN RESOURCES & EMPLOYMENT PRACTICES

- ADA Training
- Anti-Discrimination
- Anti-Harassment
- Drug & Alcohol Testing
- Employment Law
- Ethics
- Fair Labor Standards Act
- Family Medical Leave Act
- Hiring
- Interviewing
- Performance Evaluations
- Respect in the Workplace
- Systemic Discrimination
- Wrongful Termination

AND MORE...

MANAGEMENT & SUPERVISION

- Change Management
- Civility
- Coaching & Mentoring
- Conflict Resolution
- Customer Service
- Diversity
- Emotional Intelligence
- Generational Differences
- Leadership & Motivation
- Social Media
- Strategic Thinking
- Stress Management
- Succession Planning
- Time Management

AND MORE...

Help When You Need It

At CVMIC, we believe that implementing prevention strategies is one of the best ways to avoid unfortunate circumstances. Our professional advice for your safety and HR challenges, resources to assist with policies and procedures, and assessments to identify your greatest needs. Should something unfortunate happen, our highly-skilled and dedicated CVMIC claims team is available to help guide you through every aspect of the claim process. Our personal service and dedicated teams contribute to reducing injuries and lowering costs.



Advantage Programs

Grant Program

CVMIC's simplified grant program encourages members to reduce risk and improve safety by providing access to funds and resources that assist with purchasing equipment and providing training.

Member Spotlight

We designed the member spotlight program to help our members share their innovative ideas. The winning submissions receive a financial reward and have their efforts highlighted to other members.

NEOGOV & Biddle

We offer access to human resource products to guide members through the hiring process, onboard new employees, foster proper testing methods, and provide much-needed assistance for HR challenges.

Cyber Liability

Cyber attacks on municipal entities have been increasing. We leverage our buying power to purchase cyber liability insurance on behalf of our members to protect them if a cyber event occurs.

Information Technology Assessments

Our program supports municipal entities to analyze their IT security risks. Summaries and detailed reports aid in identifying and mitigating risks associated with cyber liability.

Workers' Compensation Incentive Program

CVMIC incentivizes employees to seek treatment with certain providers who participate in our program and have agreed to a negotiated lower rate for services. This creative, cost-savings program benefits our members and their employees.

Protective Services Accreditation

CVMIC provides financial assistance for members who wish to participate in WILEAG (police accreditation) or the CPSE (fire accreditation) process.

Mental Health Assistance Program

Our program uses a vetted and experienced specialist to help our protective services proactively address psychological responses and mental stressors that can occur after intense work-related events or critical incidents.

Battery Shut-Off Switch Program

Vehicle fires due to electrical failures present the potential for significant vehicle damage and even the possibility of losing the entire fleet. The battery shut-off switch program can help prevent fires from occurring.

CVMIC Members

CVMIC has provided insurance and service to Wisconsin municipalities since 1987. Our current members are featured below.



LEARN MORE ON OUR WEBSITE
 Visit cvmic.com and review our
 Stewardship Report



INSURANCE COVERAGE SUMMARIES

Complete policy available upon request.

CVMIC.COM

Join us   

**9898 W. Blue Mound Road
Wauwatosa, WI 53226-4319**

web cvmic.com
office 262-784-5666
fax 262-784-5599



**Cities and
Villages**
MUTUAL INSURANCE
COMPANY

REQUISITION

SHEBOYGAN WATER UTILITY

REQUISITION DATE 12/15/2021

VENDOR: BADGER METER INC
4545 W BROWN DEER RD
P. O. BOX 245036
MILWAUKEE WI 53224

SHIP TO 72 Park Ave Sheboygan WI 53081

DATE REQUESTED BY 12/21/2021

REQUISITION NO. 4851

QTY	ITEM #	INVENTORY #	DESCRIPTION	UNIT PRICE	TOTAL PRICE	
360			M25 Plastic disc meter 5/8" x 7 1/2"--5/8" bore, bare	55.51	19,983.60	
360			M25 Plastic disc meter 5/8" x 3/4" x 7 1/2"--3/4" bore, bare	55.51	19,983.60	
5			Part No. 100-3206, 3" E-Series, RND(17)	1,833.32	9,166.60	
3			Part No. 100-3210, 4" E-Series, RND(20)	2,229.71	6,689.13	
			Total Freight \Misc			
NOTE:					TOTAL	55,822.93

CALL IN PURCHASE ORDER NUMBER _____ PREPARED BY davew
PHONE NO. 800-616-3837

FAX PURCHASE ORDER _____ REQUESTED BY DW
FAX NUMBER: 888-371-5982

SEND ORIGINAL PURCHASE ORDER TO VENDOR _____ APPROVED BY

ALREADY ORDERED

To: Joe Trueblood, Utility Superintendent
From: Dave McMillan, Distribution Supervisor
Subject: Lead Service Line Spot Replacement Contract

The lead service line replacement program continues to grow each year. Utility staff continues to find ways to be efficient with our resources while making the process easy and affordable for our customers. Two issues have continued to cause challenges to our program when spot replacements (a replacement not part of a water main replacement project) need to occur.

1. Homeowners have a hard time getting timely responses from plumbers when seeking bids and getting replacements. This is challenging when a service has been disrupted and needs immediate replacement, or when a service is leaking and causing road and/or property damage.
2. Costs have continued to rise and have varied greatly in the past year.

The contract would consist of bid items that would cover emergency and non-emergency circumstances. Emergency service replacement would cover unplanned replacements caused by lead service line failures or accidental disruption. The non-emergency bid items would cover planned disruptions due to underground work done by the city or other utilities. The services would be broken into segments (water main to curbstop, and curbstop to meter setting) to aid in simplifying the pricing and inspection process. The bid will also include line items for new meter settings as well as house grounding if the project dictates the need for either.

I recommend we bid an annual contract with a local contractor. This contractor would bid pricing to complete all spot replacements that are covered by our LSL program. It should allow for us to deal with disruptions and failures in a timely manner, while obtaining reasonable pricing for property owners. It also gives us flexibility when the Streets Department adds a project during the calendar year which would cause LSL disruptions and need immediate replacement.