

R. O. No. 09-30-22 . By BOARD OF WATER COMMISSIONERS. October 17, 2022.

We, hereby, submit the Board of Water Commissioners' Report on the Water Utility for the third quarter of 2022.

The water pumpage decreased 1.7% from the same period in 2021. 1,253,674,000 gallons were pumped in the third quarter 2022, compared to 1,275,383,000 in 2021.

Year to date Operating Revenue at the end of the third quarter 2022 increased by \$549,383 compared to year to date 2021. The net income for the Utility, as of the end of September, 2022 is \$11,057,622, which includes the receipt of ARPA contribution for construction of the RWI project. Details are shown on the attached Income Statement and Balance Sheet.

Construction-Maintenance:

Construction-maintenance work by the Water Utility during the third quarter of 2022:

Number of feet of 4 inch water main installed	0.0
Number of feet of 6 inch hydrant lead installed	17.6
Number of feet of 6 inch water main installed	14.6
Number of feet of 8 inch water main installed	419.4
Number of feet of 10 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	0.0
Number of feet of water main abandoned or removed.....	450.0
Number of water main breaks repaired	3
Number of fire hydrants installed, replaced, relocated, removed, flushed, or major repairs made....	7
Number of water main valves installed, repaired, removed, or replaced	31
Number of water service connections installed	45

Details are shown on the attached spreadsheets.

Other Utility Business:

Construction continued on the Raw Water Improvements (RWI) project. The contractor, CD Smith, completed installation of deep steel sheeting designed to protect the shoreline for 100 years. Soils removed from the site were placed in the nearby ravine as part of a plan to turn the overgrown ravine area into usable park space. A number of staff members attended the state WI Water Association annual meeting in Madison.

BOARD OF WATER COMMISSIONERS

Gerald R. Van De Kreeke, President

Thomas E. Howe, Secretary

Richard Dale, Member

Attachments - Balance Sheet
Income Statement
Distribution System Quarterly Report
High Lift Delivery Operations Quarterly Report



Sheboygan Water Utility
Quarterly Financial Statement September 30, 2022
Balance Sheet Including Net Income

<u>Account #</u>	<u>Debit Balance</u>	<u>Credit Balance</u>
Utility Plant in Service	74,741,319	
107 Construction Work in Progress	8,325,882	
111 Accumulated Provision for Depreciation of Utility Plant		27,585,887
125 Bond Redemption Fund	644,320	
129 Appropriated Funds Invested for Plant Expansion & Payables	6,617,469	
126 Depreciation Fund		
128 Other Special Funds - Net Pension Asset	769,762	
128 Other Special Funds - Health Ins	380,000	
130 Other Special Funds - Deferred Outflow Pension	1,402,233	
135 Working Funds	750	
136 Temporary Cash Investments	7,195,887	
142 Customer Accounts Receivable	1,610,822	
143 Grant Receivable & Other Accounts Receivable	39,888	
145 Receivables from Municipality	257,829	
154 Materials and Supplies	264,024	
163 Stores Expense		
165 Prepayments	28,630	
171 Interest and Dividends Receivable		
181 Misc Deferred Debits		
184 Transportation Expense		
200 Capital Paid in by Municipality		1,640,701
216 Unappropriated Earned Surplus		46,827,026
221 Long Term Debt Bonds		11,111,851
223 Advances from Municipality		114,823
232 Accounts Payable		
235 Customer Deposits	910	
236 Taxes Accrued		898,119
237 Interest Payable on Bonds		119,458
242 Misc. Current & Accrued Liab		13,144
251 Bond Premium		174,461
253 Misc Deferred Credits		31,371
263 Other Special Funds Employee Pensions		357,040
265 Accrued Employee Benefits		595,666
425 Amoritization of Pre 2003 Depreciation		
280 Net Pension Liability		
285 Deferred Inflow - Pension		1,752,555
Utility Net Income		11,057,622
	<u>102,279,724</u>	<u>102,279,724</u>



Sheboygan Water Utility
Sheboygan, Wisconsin
Income Statement - September 30, 2022

<u>Account #</u>	<u>Utility Operating Income</u>	1-Jan-22 to 30-Sep-22	1-Jan-21 to 30-Sep-21	Increase or (Decrease)
400	Sales Revenue	7,416,595	6,867,702	548,893
474	Other Water Revenue	44,391	43,901	490
	Total Operating Revenue	7,460,986	6,911,603	549,383
401	Operating Expenses	3,026,418	2,656,205	370,213
402	Maintenance Expenses	631,951	722,160	(90,209)
403	Depreciation Expenses	1,194,090	1,187,408	6,682
402	Taxes	934,424	932,297	2,127
	Total Operating Expenses	5,786,883	5,498,068	288,815
	Utility Operating Income	1,674,104	1,413,535	260,568
	<u>Other Income & Expense</u>			
415	Non-operating Grant Revenue	79,832	34,485	45,347
416	Non-operating Grant Expense	(79,832)	(15,000)	(64,832)
419	Interest Earned on Investments	32,323	13,568	18,755
421	Contributions	9,553,128	-	9,553,128
425	Misc Amortization	18,850	18,850	0
427	Bond Interest Expense	(227,601)	(246,322)	18,721
428	Other Expense	(17,086)	(475)	(16,611)
429	Bond Premium	23,905	26,902	(2,997)
	Net Income	11,057,622	1,245,543	9,812,079



Distribution System -- 3rd Quarter - July, August, & September 2022

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

Location	Date Installed	Size ("), Jt	Installed By	Type
St. Clair Ave at N.13th St.	7/5/2022	8" MJ	SWU	G (vert)
St. Clair Ave and N.13th St. (NE)	7/6/2022	6" MJ	SWU	G (vert)
St. Clair Ave and N.12th St. ~40 North west	7/12/2022	8" MJ	SWU	G (vert)
St. Clair Ave and N.12th St. (NW)	7/12/2022	6" MJ	SWU	G (vert)
N.11th St. at St. Clair Ave	8/17/2022	6" MJ	SWU	G (vert)
Cleveland Ave @ N.19th (Sout)	9/20/2022	6" MJ	SWU	G (vert)
Cleveland Ave @ N.19th St. (East)	9/20/2022	6" MJ	SWU	G (vert)

Total Valves Installed = 7

Street Valves and Hydrant Valves Removed

Location	Installed	Abandoned	Type
St. Clair Ave. at N. 10th St. (W)		8/4/2022	G (vert)
S. Business Dr. ~2750' S of Riverdale Ave.		8/31/2022	G (vert)
Cleveland Ave. at N. 19th St. (E)	6/30/1929	9/20/2022	G
N. 19th St. at Cleveland Ave. (S)	12/31/1927	9/20/2022	

Total Valves Removed = 4

Street Valves and Hydrant Valves Abandoned

Location	Installed	Abandoned
St. Clair Ave. at N. 12th St. (W)	2/5/1933	7/12/2022

Total Valves Abandoned = 1

Street Valves and Hydrant Valves Maintained

Location	Maintained	Size	By
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Total Valves Maintained = 0

Hydrants Installed (including water main projects and others)

Location	Installed	Tr Size	Valve	By
St. Clair Ave and N.13th St. (NE)	7/6/2022	7'	y	SWU
St. Clair Ave. at N. 12th St. (NE)	7/12/2022	7'	y	SWU
Cleveland Ave at N.19th St (S)	9/20/2022	6'6"	n	SWU

Total Hydrants Installed = 3

Hydrants Removed (including water main projects and others)

Location	Installed	Removed	Hyd Valve?
St. Clair Ave. at N. 12th St. (NE)	3/31/1936	7/12/2022	n
St. Clair Ave. at N. 11th St. (NW)		8/17/2022	n
N. 19th St. at Cleveland Ave. (SE)		9/20/2022	n

Total Hydrants Removed = 3

Hydrants Abandoned (including water main projects and others)

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

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

Location	Installed	Maintained
S. Business Drive ~2760' S of Riverdale Avenue (W)	10/31/2016	8/31/2022

Total Hydrants Maintained/Moved = 1

Water Main Breaks

Location	Date	Size
Riverdale Ave at Moenning Rd.	8/20/2022	12"
Lake Ct east of of second st	9/12/2022	4"
South Taylor Dr - North of Weeden Creek Rd	9/15/2022	16"

Number of Water Main Breaks=3

SUMMARY

Number of feet of 4 inch water main installed	0.0	water main
Number of feet of 6 inch hydrant lead installed	17.6	
Number of feet of 6 inch water main installed	14.6	
Number of feet of 8 inch water main installed	419.4	
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	0.0	
Number of feet of water main abandoned or removed	450	hydrants
Number of water main breaks repaired	3	
Number of hydrants installed	3	
Number of hydrants removed or abandoned	3	valves
Number of hydrants maintained or moved	1	
Number of street valves installed	5	
Number of hydrant valves installed	2	
Number of street valves removed or abandoned	4	
Number of hydrant valves removed or abandoned	0	
Number of valves maintained	20	
Number of water connections installed	45	



WATER MAIN AND APPURTENANCES INSTALLATION -- 3rd Quarter - July, August, & September 2022

Water Main Projects (including installation or abandonment of more than 3' of pipe by utility or contractors)

Location: 6" Water Main	Installed	New Valves	New Hyd.	New Hyd Valves	Aband. Valves	Aband. Hyd.	Remove Hyd.	Size " Installed	Feet Installed	New Hyd Lead	Size Aband.	Feet. Aband.	Feet. Rem.	By
N.11th St. at St. Clair Ave	8/17/2022	1	0	0	0	0	1	6	7.8	0	6" CIP	7	0	SWU
St. Clair Ave and N.12th St	7/21/2022	0	0	0	0	0	0	6	6.8	0	6" CIP	7	0	SWU
Totals:		1	0	0	0	0	1		14.6	0		14	0	

Location: 8" Water Main	Installed	New Valves	New Hyd.	New Hyd Valves	Aband. Valves	Aband. Hyd.	Remove Hyd.	Size " Installed	Feet Installed	New Hyd Lead	Size Aband.	Feet. Aband.	Feet. Rem.	By
St. Clair Ave and N.12th St	7/21/2022	0	0	0	0	0	0	8	31.6	0	6" CIP	32	0	SWU
St. Clair Ave and N.12th St (going west)	7/12/2022	1	1	1	1	0	1	8	48	9.3	6" CIP	48	0	SWU
St. Clair Ave between N.13th to N.12th St	7/11/2022	0	0	0	0	0	0	8	140	0	6" CIP	140	0	SWU
St. Clair Ave between N.13th to N.12th St	7/7/2022	0	0	0	0	0	0	8	100	0	6" CIP	100	0	SWU
St. Clair Ave and N.13th St. (going East)	7/6/2022	0	1	1	0	0	0	8	60	8.3	6" DIP	60	0	SWU
St. Clair Ave and N.13th St.	7/5/2022	1	0	0	0	0	0	8	39.8	0	4" CIP	56	0	SWU
Totals:		2	2	2	1	0	1		419.4	17.6		436	0	

HIGH LIFT DELIVERY		QUARTERLY REPORT		2022
I. FIRST QUARTER		Jan - Feb - Mar		
		GALLONS	COST \$	\$/MG
	2021	1,055,591,000	\$181,125.65	\$171.59
	2022	1,079,805,000	\$233,346.76	\$216.10
	Percent Difference	2.29%	28.83%	25.94%
II. SECOND QUARTER		Apr - May - Jun		
		GALLONS	COST \$	\$/MG
	2021	1,115,306,000	\$168,613.25	\$151.18
	2022	1,114,560,000	\$220,553.73	\$197.88
	Percent Difference	-0.07%	30.80%	30.89%
III. THIRD QUARTER		Jul - Aug - Sep		
		GALLONS	COST \$	\$/MG
	2021	1,275,383,000	\$191,262.23	\$149.96
	2022	1,253,674,000	\$258,395.90	\$206.11
	Percent Difference	-1.70%	35.10%	37.44%
IV. FOURTH QUARTER		Oct - Nov - Dec		
		GALLONS	COST \$	\$/MG
	2021	1,076,367,000	\$179,773.03	\$167.02
	2022	0	\$0.00	#DIV/0!
	Percent Difference	-100.00%	-100.00%	#DIV/0!
YEAR TO DATE : 2022				
ELECTRICITY CHEMICALS NATURAL GAS		GALLONS	COST \$	\$/MG
	2021	4,522,647,000	\$720,774.16	\$159.37
	2022	3,448,039,000	\$712,296.39	\$206.58
	Percent Difference	-23.76%	-1.18%	29.62%
YEAR TO DATE : 2022				
SLUDGE DISPOSAL to WWTP		GALLONS	COST \$	
	2021	4,225,349	\$45,410.11	
	2022	3,191,190	\$25,471.76	
	Percent Difference	-24.48%	-43.91%	
STORM WATER CHARGES		2022	NA	\$0.00
HIGH LIFT SYSTEM DELIVERY :				
	Maximum Pumpage Day	17,388,000	July 19, 2022	
	Minimum Pumpage Day	7,587,000	January 1, 2022	

	MG	\$	\$/MG
2021	4,522,647,000	\$720,774.16	\$159.37
2022	3,448,039,000	\$712,296.39	\$206.58

NOTE: Monthly sludge disposal costs do not reflect the current actual monthly sludge discharge total to date.
Filtrate discharges from Spring/Fall sludge disposal operations are included in treatment plant sludge disposal costs.
Spring/Fall basin sludge/residual solids volumes and disposal costs are contract work.
Sludge disposal costs are not included in \$/MG.