

CITY OF SHEBOYGAN

R. O. _____

BY BOARD OF WATER COMMISSIONERS.

JANUARY 20, 2025

R. O. No. 12 - 31 - 24. By BOARD OF WATER COMMISSIONERS.
January 15, 2024

We, hereby, submit the Board of Water Commissioners' Report on the Water Utility for the fourth quarter of 2024.

The water pumpage decreased 1.78% from the same period in 2023. 1,021,123,000 gallons were pumped in the fourth quarter 2024, compared to 1,039,681,000 in 2023.

The 2024 audited balance sheet and income statement will be submitted separately in April 2025 upon completion of the final audit.

Construction-Maintenance:

Construction-maintenance work by the Water Utility during the fourth quarter of 2024:

Number of feet of 4 inch water main installed	0.0
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 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.....	0.0
Number of water main breaks repaired	5
Number of fire hydrants installed, replaced, relocated, removed, flushed, or major repairs made....	2
Number of water main valves installed, repaired, removed, or replaced	1
Number of water service connections installed	14

Details are shown on the attached spreadsheets.

Other Utility Business:

The Utility began preparations to replace media and caps in filters #1 and #2 as part of its ongoing filter rehabilitation project. This work will be completed early in 2025. Filters #7,8, and 9 are planned for complete reconstruction later in 2025/2026 along with filter roofing repairs.

The Utility continued working with WDNR on final plans for a water main river crossing near the Garton Toy Factory site. Construction of the 12" crossing is anticipated for later in 2025.

The Utility completed replacement of 250 lead service lines in 2024 and also spent considerable time in resolving funding issues due to program changes at WDNR.

The new intake facility continued to perform well, with an approximate 30% reduction in aluminum sulphate usage throughout the year due to improved raw water quality provided by the longer and deeper intake pipeline.

The Utility completed mandatory USEPA notification of properties served by private lead service lines.

Attachments - Distribution System Quarterly Report
High Lift Delivery Operations Quarterly Report



Distribution System -- 4th Quarter - October, November, and December 2024

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

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

Street Valves and Hydrant Valves Removed

Location	Installed	Abandoned	Type
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Total Valves Removed = 0

Street Valves and Hydrant Valves Abandoned

Location	Installed	Abandoned
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Total Valves Abandoned = 0

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
S. 15th St. at Oakland Ave.	11/7/2024		No	SWU

Total Hydrants Installed = 1

Hydrants Removed (including water main projects and others)

Location	Installed	Removed	Hyd Valve?
S. 15th St. at Oakland Ave.	11/7/2024	12/29/1899	No

Total Hydrants Removed = 1

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
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Total Hydrants Maintained/Moved = 0

Water Main Breaks

Location	Date	Size
72 Park Ave.	12/23/2024	6"
2531 S 18th St.	12/17/2024	12"
2418 Wedemeyer St.	12/13/2024	6"
1415 S 16th St.	11/28/2024	6"
2519 S. Business Dr.	10/14/2024	12"

Number of Water Main Breaks=5

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	0.0	
Number of feet of water main abandoned or removed	0.0	
Number of water main breaks repaired	5	
Number of hydrants installed	1	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	1	
Number of water connections installed	14	

HIGH LIFT DELIVERY QUARTERLY REPORT 2024				
I. FIRST QUARTER		Jan - Feb - Mar		
		GALLONS	COST \$	\$/MG
	2023	1,028,642,000	\$290,526.13	\$282.44
	2024	995,348,000	\$277,403.58	\$278.70
	Percent Difference	-3.24%	-4.52%	-1.32%
II. SECOND QUARTER		Apr - May - Jun		
		GALLONS	COST \$	\$/MG
	2023	1,136,726,000	\$286,793.50	\$252.30
	2024	1,056,461,000	\$255,333.07	\$241.69
	Percent Difference	-7.06%	-10.97%	-4.21%
III. THIRD QUARTER		Jul - Aug - Sep		
		GALLONS	COST \$	\$/MG
	2023	1,240,280,000	\$306,280.54	\$246.94
	2024	1,181,589,000	\$298,727.24	\$252.82
	Percent Difference	-4.73%	-2.47%	2.38%
IV. FOURTH QUARTER		Oct - Nov - Dec		
		GALLONS	COST \$	\$/MG
	2023	1,039,681,000	\$274,137.72	\$263.67
	2024	1,021,123,000	\$241,257.98	\$236.27
	Percent Difference	-1.78%	-11.99%	-10.39%
YEAR TO DATE : 2024				
		GALLONS	COST \$	\$/MG
ELECTRICITY CHEMICALS NATURAL GAS	2023	4,445,329,000	\$1,157,737.89	\$260.44
	2024	4,254,521,000	\$1,072,721.87	\$252.14
	Percent Difference	-4.29%	-7.34%	-3.19%
YEAR TO DATE : 2024				
SLUDGE DISPOSAL to WWTP		GALLONS	COST \$	
	2023	4,838,061	\$62,503.75	
	2024	3,076,074	\$27,281.90	
	Percent Difference	-36.42%	-56.35%	
STORM WATER CHARGES	2024	NA	\$0.00	
HIGH LIFT SYSTEM DELIVERY :				
	Maximum Pumpage Day	15,752,000	August 26, 2024	
	Minimum Pumpage Day	7,133,000	December 25, 2024	

	MG	\$	\$/MG
2023	4,445,329,000	\$1,157,737.89	\$260.44
2024	4,254,521,000	\$1,072,721.87	\$252.14

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 2024 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.