

ORDINANCE NO. 2023-19

AN ORDINANCE TO AMEND SECTION 9-4-5 (b) OF THE CODE OF ORDINANCES FOR THE VILLAGE OF CALEDONIA, RACINE COUNTY, WISCONSIN, RELATING TO THE REU CHARGE

The Village Board of the Village of Caledonia, Racine County, Wisconsin do ordain as follows:

That Section 9-4-5 (b) of the Code of Ordinances for the Village of Caledonia be, and is hereby amended to read as follows:

“

(b) **REU Charge.** In addition to the basic connection charge provided in (a) above, and prior to the issuance of a permit allowing connection to the sanitary sewerage system of the District, there shall be paid to the District and collected by the Village Treasurer on each lot, parcel of land or premises to be connected to the Districts' system a unit connection charge, in the amount of **\$2,550.00**, for each residential equivalent unit (REU) attributed to such lot, parcel of land or premises. The REU charge shall be paid upon issuance of a building permit by the Village.

(1) For purposes of this subsection, each single-family residential housing unit shall constitute one REU, whether located within a one-family, multi-family, condominium, rental or owner-occupied unit. Cooperative residential buildings, institutional and nonresidential buildings shall be assigned REU numbers based upon the size of the water meter or meters servicing such buildings as set forth in the following table:

**VILLAGE OF CALEDONIA/CALEDONIA SEWER UTILITY DISTRICT
REU RATIO**

<u>Meter Size (inches)</u>	<u>Meter Type</u>	<u>Flow (gpm)</u>	<u>REU Ratio</u>
5/8"	Disc Meter - M25	25	1
5/8"	Ultrasonic	30	1.2
3/4"	Disc Meter - M35	35	1.4
3/4"	Ultrasonic	40	1.6
1"	Disc Meter - M55	55	2.2
1"	Disc Meter - M70	70	2.8
1"	Ultrasonic	62	2.5
1 1/2"	Disc Meter - M120	120	4.8
1 1/2"	Ultrasonic	100	4
2"	Disc Meter - M170	170	6.8
2"	Compound	200	8

2"	Ultrasonic	160	6.4
3"	Compound	450	18
3"	Ultrasonic	560	22.4
4"	Compound	1000	40
4"	Ultrasonic	1100	44
6"	Compound	2000	80
6"	Ultrasonic	2000	80
8"	Compound	4500	180
8"	Ultrasonic	3500	140
10"	Turbine	7000	280
12"	Turbine	8800	352

- (2) The connection charge collected under this subsection shall be placed in a separate account and shall be used for the payment of the costs of lift stations, force mains, detention facilities, interceptor mains and the expansion of Racine Wastewater facilities.

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This Ordinance shall take effect upon adoption and publication as provided by law.

Adopted by the Village Board of the Village of Caledonia, Racine County, Wisconsin, this 12 day of December 2023.

VILLAGE OF CALEDONIA

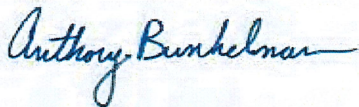
By: Thomas R Weatherston
Thomas Weatherston, President

Attest: Megan O'Brien
Megan O'Brien, Deputy Village Clerk

MEMORANDUM

DATE: Tuesday, August 29, 2023

TO: Caledonia Utility District

FROM: Anthony A. Bunkelman P.E.
Public Services Director 

RE: Water Impact Fee / Sewer Connection Fee – Requested Ordinance change for REU on current meters

BACKGROUND INFORMATION

An analysis was performed on the meter flow rates that are in the Ordinance for the Water Impact Fee and the Sewer Connection Fee. The meters that are available today allow more flow and are more efficient in recording the flow through them.

The Ordinance values are based on a Residential Equivalent Unit or REU. The ¾” meter used for a single-family home in the Ordinance only allowed 15 gpm. The 5/8” meter installed by the Utility for a single-family home allows 25 gpm. With today’s residential meter allowing more flow through it, it is recommended that the REU values for the remaining meters be adjusted according to the new flow.

The attached spreadsheet compares the meters in the Ordinance vs the meters that the Utility District installs. In some situations, the REU value is decreased and, in some situations, the REU value is increased.

This change would not affect the single-family home cost as the research on a potential fee increase is ongoing. The change would affect larger water users (future users with meters 3” and larger).

It is recommended that the Utility District review the changes to the REU based on today’s meters, recommend that a change be made to the Ordinance, and direct staff to draft the Ordinance. The Ordinance when completed would be forwarded to the Legislative & Licensing Committee and Village Board for review and approval.

RECOMMENDATION

Move to approve update the REU value, recommend a change to the Village Ordinance, direct staff to draft the Ordinance revision, and forward the draft Ordinance to the Legislative & Licensing Committee and Village Board for approval.

Village Ordinance

Badger Meter

Meter Size	Meter Type	Flow	REU	Meter Size	Meter Type	Flow Min	Flow Max	REU
3/4"	Displacement	15	1.0	5/8"	Disc Meter - M25	0.25	25	1
				5/8"	Ultrasonic	0.04	30	1.2
				3/4"	Disc Meter - M35	0.375	35	1.4
				3/4"	Ultrasonic	0.05	40	1.6
1"	Displacement	25	2.5	1"	Disc Meter - M55	0.5	55	2.2
				1"	Disc Meter - M70	0.75	70	2.8
				1"	Ultrasonic	0.075	62	2.5
1 1/2"	Displacement	50	5.0	1 1/2"	Disc Meter - M120	1.25	120	4.8
				1 1/2"	Turbine	2.5	200	8
				1 1/2"	Ultrasonic	0.4	100	4
2"	Displacement	80	8.0	2"	Disc Meter - M170	1.5	170	6.8
				2"	Compound	0.25	200	8
				2"	Turbine Cl. 1	2.5	310	12.4
				2"	Turbine Cl. 2	0.5	160	6.4
3"	Compound	160	16.0	3"	Compound	0.25	450	18
				3"	Turbine Cl. 1	4	550	22
				3"	Turbine Cl. 2	0.37	560	22.4
4"	Compound	250	25.0	4"	Compound	0.375	1000	40
				4"	Turbine Cl. 1	6	1250	50
				4"	Turbine Cl. 2	0.75	1100	44
6"	Compound	500	50.0	6"	Compound	0.375	2000	80
				6"	Turbine Cl. 1	12	2500	100
				6"	Turbine Cl. 1	1.1	2000	80
8"	Compound	800	80.0	8"	Compound	1.25	4500	180
				8"	Turbine Cl. 1	20	4500	180
				8"	Turbine Cl. 1	2	3500	140
10"	Compound	1150	115.0	10"	Turbine	30	7000	280
				10"	Turbine Cl. 1			
				10"	Turbine Cl. 1			
12"	Turbine Cl. 1	2150	215.0	12"	Turbine	65	8800	352
				12"	Turbine Cl. 1			