

WATER EQUIVALENT RESIDENTIAL UNIT DETERMINATION
(ERU = 300 GPD)

Information presented below is subject to revision based upon passage, revision or amendment to any applicable City of Mascotte ordinance or resolution. The City of Mascotte will, by ordinance or resolution, specify the current water capital charge per Equivalent Residential Unit (E.R.U.). For the purpose of calculating and imposing the water capacity demand charges for a connection, and for the purpose of calculating average water flow, the ERU factor for any particular connection shall be calculated and imposed in the following manner:

Establishment	Unit	Factor
Residential	Per Dwelling Unit	1.000
Commercial: Auditorium	Seat	0.017
Barber/Beauty Shop	Operators Station	0.300
Bowling Alley	Lane	0.333
Food Service: Restaurant/Cafeteria	Seat	0.100
Restaurant (24 hours)	Seat	0.167
Restaurant ("fast food")	Seat	0.050
Bar/Cocktail Lounge	Seat	0.067
Hotel, Motel (not including food service, banquet & meeting rooms & laundries)	Room	0.500
Industrial Building (not including food service; not including industrial waste flows): Without Showers	Employee	0.050
With Showers	Employee	0.117
Laundry/Self-Service	Per Machine	1.333
Office Building (add food service and retail space)	1,000 sq. ft. Gross	0.334
Service Station	Per Bay	1.000
Add:	Per Wash Bay	3.200
Add:	Per Toilet Room	1.000
Theater	Per Seat	0.010
Theater (Dinner)	Per Seat	0.067
Trailer Park (Overnight)	Space	0.333
Dentist Office	Per Dentist	0.833

	Per Wet Chair	0.667
Doctor Office	Per Doctor	0.833
Church	Per Seat	0.017
Hospital	Per Bed	0.833
Nursing Home	Per Bed	0.417
Warehouse-Office:	Use fixture units for warehouse area and see office category for calculating ERUs in that area. Add for food service and add for retail space if applicable.	
Meeting and/or Banquet Rooms (total sq. ft./15 sq. ft./person x .017 x # of seats)	Per Seat	0.017
Automotive Repair & Maintenance Store	Per Bay	0.250
Retail Store/Self Service Gas Pumps	Per Restroom	1.000
Extended Care Facilities	Per Efficiency	0.500
Convenience Store without Gas Pump	Use Fixture Units	
Schools, Middle & High	Per Student	0.067
Schools, Elementary & Nursery	Per Student	0.025

GENERAL NOTES

- ONE (1) equivalent residential unit (ERU) shall, for the purposes of this section, have an assigned value of 1.000. One (1) ERU is hereby established and determined to be equal to a flow of three hundred (300) gallons per day (GPD). The "total equivalent residential unit value" for an establishment shall be calculated by multiplying the ERU factor listed above times the number of units.
- For all establishments not listed above, the total equivalent residential unit (ERU) value shall be determined by multiplying the number of fixture units, as published in the Standard Plumbing Code, by twenty-five (25), and then dividing that numerator by three hundred (300). For example:

$$\text{Total ERU Value} = \frac{\text{Number of Fixture Units} \times 25}{300}$$

The water capital charge shall be determined by using the following formula:

Total ERU Value x (Current Cost Per ERU) = Water Capital Charge

In no event shall the total ERU value used to calculate a water capital charge for any separate establishment be less than 1.000.