

**WASTEWATER COMMODITY CHARGES
(Rate Schedules "E" & "F")**

Rate per cubic meter on all water used (see section on limitations below). Commodity charges are determined by Operations, Maintenance, and Replacement cost (OM&R) plus Capital expense. The components and total commodity charge for each customer class for accounts in the City and Outside the City are detailed below.

Customer Class	OM&R	Capital	Total Commodity Charge
City			
Residential	\$.504	\$(.064)	\$.44
Commercial	.504	(.064)	.44
Industrial	.504	(.064)	.44
Dewatering	.504	(.084)	.420
Outside City			
Residential	.504	.306	.81
Commercial	.504	.306	.81
Industrial	.504	.306	.81
Dewatering	.504	.316	.82

Limitations on Wastewater Commodity Charges:

Establishment of Sewer Base:

***Small Users, Quarterly:** Any quarterly wastewater customer that uses less than 200m³ of water during the "winter quarter" (Nov.-Mar.) shall be given a sewer base during the remaining three quarters. The sewer base will be based on the actual usage during the winter quarter, however, the maximum quantity billed for shall not exceed 120% of the sewer base established in the winter quarter.

***Small Users, Monthly:** Any wastewater customer whose maximum monthly metered water consumption is less than 66 m³ during the winter months (Nov.1-April 20) shall be given a sewer base during the remaining six months. The sewer base will be based on the actual usage during the winter months, however, the maximum quantity billed for shall not exceed 120% of the sewer base established in the winter months.

Large Users: Customers whose metered water consumption exceeds the above limits shall be billed on the basis of actual metered water for all water used.

Special Sewer Metering: Customers with their own water supply require special metering or billing arrangements by ordinance. "Large users" disposing of some wastewater by other than the City wastewater system need special metering arrangements to correctly bill the sewer service. These arrangements are the responsibility of the customer and are subject to prior approval of the Wastewater Division.

How a Bill is Calculated:

The amount shown on the bill for water and for sewer includes an availability fee and a commodity charge.

Sample Billing Calculation

Quarterly residential customer inside city with 5/8" meter using 70 m³ of water, Schedule "A".

<u>Water</u>	
Availability Fee, 5/8"	= \$25.72
Residential Commodity Charge, City = .342 per m3 70 m ³ x .342	= \$23.94
Total Water	= \$49.66
<u>Wastewater</u>	
Availability Fee, 5/8" meter	= \$ 7.84
Residential Commodity Charge, City = .44 per m3 70 m ³ x .44	= \$30.80
Total Sewer	= \$38.64
Total Charge, Water and Wastewater	= \$88.30

Township Surcharges: A township may elect to impose a Utility Improvement Surcharge. The City of Kalamazoo is contractually obligated to collect and forward the fee to the township office. Any questions regarding this improvement surcharge should be directed to the township office.

Surcharges: Wastewater of unusual strengths and characteristics will be charged special surcharges, according to ordinance. Questions on the application and interpretation of surcharges should be referred to the Wastewater Division, 337-8157.

Collection Policies: Charges for water and sewer are due 21 days after billing date. After the due date the "gross" amount shown on the bill must be paid, which includes a 5% penalty. Accounts become delinquent 45 days after billing, and service may be discontinued until the bill and a \$60 collection/trip fee are paid.

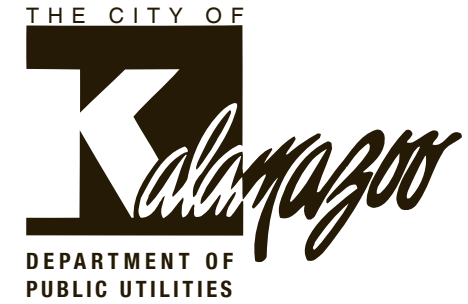
Availability Fee/Minimum Charge: This is a fee charged to all active accounts, even if there is no usage. It covers the cost to read and maintain the meter and to process your bill, while the service is on and available for use. This charge will be discontinued only when the customer responsible for the account requests the water to be turned off.

Meters: Meters for water customers are furnished and maintained by the City Utilities without charge. Only one customer's name is permitted on a single service. The size of the meter is determined by the Utility, based on peak demand flow required by the customer.

BILLING UNITS

Kalamazoo's water meters measure in metric units. The billing unit is the cubic meter (m³) which is equal to 264.2 gallons. Conversions to other measurements are shown below.

1 cubic meter (m ³)	=	1,000 liters
1 cubic meter (m ³)	=	.3531 x 100 cubic feet
1,000 gallons	=	3.785 cubic meters
1(00) cubic foot	=	2.832 cubic meters



**WATER and
WASTEWATER
RATE SCHEDULES
January 29, 2018**

General Offices, Billing,
and Customer Services:

241 W. South Street
Kalamazoo, MI 49007
Phone: 337-8149

Wastewater Reclamation Plant
1415 N.Harrison St.
Kalamazoo, MI 49007
Phone: 337-8157

WATER RATES

The charge for water service is the **sum** of the **Availability Fee** (determined by the size of the water meter) **plus** the **Commodity Charge** (determined by the amount of water used). Commodity rates vary depending on customer class (i.e., residential, multi-family residential, and commercial/industrial).

Rates Outside City of Kalamazoo

Customers outside the corporate limits of the City of Kalamazoo are charged the rates identified "outside city" in the following schedules.

Township Surcharges - Water
Oshtemo - 4%
Comstock - 3%
Kalamazoo Township - 3%

QUARTERLY WATER AVAILABILITY FEES (Rate Schedule "A")

For all small general and residential customers, billed every three months. Rates are based on a 90 day period.

<u>Meter Size</u>	<u>City</u>	<u>Outside City</u>
5/8-3/4"	\$25.72	\$30.64
1"	34.14	41.28
1½"	42.58	51.93
2"	65.74	81.21
3"	225.47	296.80
4"	299.63	376.65
6"	447.13	562.95
8"	615.69	775.88

MONTHLY WATER AVAILABILITY FEES (Rate Schedule "B")

For commercial and other users large enough to warrant monthly billing. Rates are based on a 30 day period.

<u>Meter Size</u>	<u>City</u>	<u>Outside City</u>
5/8-3/4"	\$11.66	\$12.89
1"	14.47	16.44
1½"	17.28	20.00
2"	25.00	29.75
3"	81.89	101.62
4"	102.97	128.24
6"	152.14	190.33
8"	208.32	261.31

WATER COMMODITY CHARGES (Rate Schedules "A" & "B")

Rates per cubic meter on all water used.

<u>Customer Class</u>	<u>City</u>	<u>Outside City</u>
Residential (1-3 dwelling units, includes mobile home parks)	\$0.342	\$0.607
Multi Family Residential (4 or more dwelling units)	0.309	0.407
Commercial/Industrial (Also institutional)	0.344	0.456

FIRE PROTECTION (Schedule "C")

For water service to accounts with fire protection systems.

Monthly Availability Fee

Rates are based on a 30 day period

<u>Detector Check Size</u>	<u>City</u>	<u>Outside City</u>
4"	\$27.28	\$37.19
6"	34.02	45.40
8"	47.49	61.56
10"	101.15	123.57

Monthly Commodity Charge

per cubic meter

	<u>City</u>	<u>Outside City</u>
First 15 m³/mo.	\$0.337	\$0.449
Over 15 m³/mo.	1.012	1.345

Quarterly Availability Fee

Rates are based on a 90 day period

<u>Detector Check Size</u>	<u>City</u>	<u>Outside City</u>
4"	\$39.31	\$60.42
6"	45.61	85.05
8"	62.91	133.52
10"	190.34	319.51

Quarterly Commodity Charge

per cubic meter

	<u>City</u>	<u>Outside City</u>
First 45 m³/qtr.	\$0.337	\$0.449
Over 45 m³/qtr.	1.012	1.345

Fire Hydrants:

\$4.57 per month or \$54.82 per year for inside city and \$3.95 per month or \$47.36 per year for outside on each private fire hydrant maintained in service.

SEASONAL USE (Schedule "D")

For those water service accounts that are primarily seasonal in character and demand, such as lawn sprinkling and air conditioning.

Monthly and Quarterly Availability Fees

Fees under this schedule are based on meter size and service area the account is located in and are the same as in Schedules "A" and "B".

Commodity Charge:

Rate per cubic meter on all water used.

City:	\$0.532 per cubic meter
Outside City:	\$0.946 per cubic meter

WASTEWATER RATES

The charge for wastewater treatment service is the SUM of the availability fee (determined by the size of the water meter) PLUS the COMMODITY CHARGE (determined by the amount of water used*). Commodity rates vary depending on customer class (i.e., residential/multi-family residential, commercial, or industrial).

Rates Outside the City

Wastewater treatment customers outside the corporate limits of the City of Kalamazoo are charged the rates identified "outside city" in the following schedules.

Township Surcharges - Sewer
Oshtemo - 2%
Comstock - 3%
Kalamazoo Township - 3%

QUARTERLY AND MONTHLY WASTEWATER CHARGES

All wastewater availability fees, inside and outside the City and both quarterly and monthly, contain a billing cost of \$4.35 which is a portion of the Operating, Maintenance, and Replacement (OM&R) fee. In addition to that amount, there is also a Capital expense charge. These charges are determined by the meter size and are detailed for accounts in the City and Outside the City as follows:

CITY QUARTERLY BILLING (Rate Schedule "E")

Based on a 90 day period.

<u>Meter Size</u>	<u>OM&R</u>	<u>Capital</u>	<u>Total Minimum Charge</u>
5/8"	\$8.32	\$(0.48)	\$7.84
3/4"	8.55	(0.56)	7.99
1"	9.29	(0.80)	8.49
1½"	10.29	(1.14)	9.15
2"	13.00	(2.07)	10.93
3"	33.04	(8.91)	24.13
4"	40.46	(11.43)	29.03
6"	57.77	(17.33)	40.44
Flat Rate \$45.14			

OUTSIDE CITY QUARTERLY BILLING

Based on a 90 day period.

<u>Meter Size</u>	<u>OM&R</u>	<u>Capital</u>	<u>Total Minimum Charge</u>
5/8"	\$8.44	\$2.90	\$11.34
3/4"	8.69	3.20	11.89
1"	9.44	4.09	13.53
1½"	10.45	5.28	15.73
2"	13.21	8.56	21.77
3"	33.56	32.68	66.24
4"	41.09	41.63	82.72
6"	58.68	62.48	121.16
Flat Rate \$79.64			

CITY MONTHLY BILLING (Rate Schedule "E")

Based on a 30 day period.

<u>Meter Size</u>	<u>OM&R</u>	<u>Capital</u>	<u>Total Minimum Charge</u>
5/8"	\$6.66	\$0.09	\$6.75
3/4"	6.75	0.05	6.80
1"	6.99	(0.02)	6.97
1½"	7.32	(0.13)	7.19
2"	8.22	(0.44)	7.78
3"	14.90	(2.72)	12.18
4"	17.37	(3.56)	13.81
6"	23.15	(5.53)	17.62
Dewatering			5.84
Septage			5.38

OUTSIDE CITY MONTHLY BILLING

Based on a 30 day period.

<u>Meter Size</u>	<u>OM&R</u>	<u>Capital</u>	<u>Total Minimum Charge</u>
5/8"	\$6.77	\$0.92	\$7.69
3/4"	6.85	1.01	7.86
1"	7.10	1.32	8.42
1½"	7.43	1.72	9.15
2"	8.36	2.80	11.16
3"	15.14	10.84	25.98
4"	17.65	13.83	31.48
6"	23.51	20.78	44.29
Municipalities			5.75
Dewatering			5.93
Septage			5.93