

**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 Operating, 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 | .536 | (.071) | .465 |
| Commercial | .536 | (.071) | .465 |
| Industrial | .536 | (.071) | .465 |
| Dewatering | .536 | (.071) | .465 |
| Outside City | | | |
| Residential | .536 | .334 | .870 |
| Commercial | .536 | .334 | .870 |
| Industrial | .536 | .334 | .870 |
| Dewatering | .536 | .334 | .870 |
| Municipalities: | | | |
| Master Meter | .414 | .118 | .532 |
| Municipalities: | | | |
| Non-Master Meter | .445 | .149 | .594 |

Limitation 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 66m³ during the winter months (Nov. – Apr.) 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 based on 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 customers inside the city with 5/8" meter using 70m³ of water, Schedule "A".

| | | <u>Water</u> | | |
|--------------------------------|---|-------------------|--|----------------|
| Availability Fee, 5/8" | = | | | \$27.03 |
| Residential Commodity Charge | | | | |
| City = .393 per m ³ | | | | |
| 70m ³ X .393 | = | | | \$27.51 |
| Total Water | = | | | \$54.54 |
| | | <u>Wastewater</u> | | |
| Availability Fee, 5/8" meter | = | | | \$8.29 |
| Residential Commodity Charge | | | | |
| City = .465 per m ³ | | | | |
| 70m ³ X .465 | = | | | \$32.55 |
| Total Sewer | = | | | \$40.84 |
| Total Charge | | | | |
| Water & Wastewater | = | | | \$95.38 |

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, (269) 337-8157.

Collection Policies: Charges for water and sewer are due 21 days after the 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 \$60 collection 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 the utility 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. Conversion 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 cubic foot | = | 2.832 cubic meters |

THE CITY OF



DEPARTMENT OF PUBLIC UTILITIES

Water and Wastewater Rate Schedules

February 14, 2019

General Office, Billing, and Customer Service:

City Hall
241 W. South Street
Kalamazoo, MI 49007
Phone: (269) 337-8149

Department of Public Services
415 E. Stockbridge Avenue
Kalamazoo, MI 49001
Phone: (269) 337-8660

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 (residential, multi-family, and commercial industrial).

Rates Outside the 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 – 25%
- Kalamazoo – 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" | \$27.03 | \$30.82 |
| 1" | 36.03 | 41.55 |
| 1-1/2" | 45.06 | 52.29 |
| 2" | 69.82 | 81.82 |
| 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" | \$11.90 | \$12.93 |
| 1" | 15.00 | 16.51 |
| 1-1/2" | 18.00 | 20.09 |
| 2" | 26.27 | 29.93 |
| 3" | 87.09 | 102.40 |
| 4" | 109.63 | 129.23 |
| 6" | 162.19 | 191.85 |
| 8" | 222.24 | 263.42 |

**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) | \$0.393 | \$0.604 |
| Multi-Family Residential (4 or more Dwelling units) | 0.337 | 0.414 |
| Commercial/Industrial (Includes institutional) | 0.376 | 0.464 |

**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" | \$29.73 | \$37.50 |
| 6" | 36.67 | 45.52 |
| 8" | 50.56 | 61.43 |
| 10" | 106.48 | 123.73 |

Monthly Commodity Charge

Per cubic meter

| | <u>City</u> | <u>Outside City</u> |
|-----------------|-------------|---------------------|
| First 15m/month | \$0.370 | \$0.459 |
| Over 15m/month | 1.110 | 1.377 |

Quarterly Availability Fee

Rates are based on a 90-day period

| <u>Size of Detector</u> | <u>City</u> | <u>Outside City</u> |
|-------------------------|-------------|---------------------|
| Check (inches) | | |
| 4" | \$42.83 | \$59.12 |
| 6" | 49.15 | 78.44 |
| 8" | 66.97 | 117.77 |
| 10" | 200.36 | 295.48 |

Quarterly Commodity Charge

Per cubic meter

| | <u>City</u> | <u>Outside City</u> |
|---------------------|-------------|---------------------|
| First 45 m3/quarter | \$0.370 | \$0.459 |
| Over 45 m3/quarter | 1.110 | 1.377 |

Fire Hydrants (all areas):

\$40.00 per year for each private fire hydrant maintained in service.

**SEASONAL USE
(Schedule "D")**

For those water service accounts that are primarily seasonal in nature 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 in and are the same as in Schedules "A" and "B".

Commodity Charge

Rate per cubic meter on all water used.

| | |
|---------------|-------------------------|
| City: | \$0.611 per cubic meter |
| Outside City: | \$0.941 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 (residential, multi-family residential, commercial and industrial).

Rates Outside the City

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

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

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" | \$8.85 | \$(0.56) | \$8.29 |
| 3/4" | 9.10 | (0.65) | 8.45 |
| 1" | 9.89 | (0.91) | 8.98 |
| 1 1/2" | 10.94 | (1.26) | 9.68 |
| 2" | 13.83 | (2.27) | 11.56 |
| 3" | 35.15 | (9.63) | 25.52 |
| 4" | 43.04 | (12.34) | 30.70 |
| 6" | 61.45 | (18.68) | 42.77 |

Flat Rate \$47.74

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" | \$8.85 | \$3.33 | \$12.18 |
| 3/4" | 9.10 | 3.67 | 12.77 |
| 1" | 9.89 | 4.64 | 14.53 |
| 1 1/2" | 10.94 | 5.95 | 16.89 |
| 2" | 13.83 | 9.55 | 23.38 |
| 3" | 35.15 | 35.99 | 71.14 |
| 4" | 43.04 | 45.80 | 88.84 |
| 6" | 61.45 | 68.68 | 130.13 |

Flat Rate \$85.53

CITY MONTHLY 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" | \$7.09 | \$0.05 | \$7.14 |
| 3/4" | 7.18 | 0.01 | 7.19 |
| 1" | 7.43 | (0.06) | 7.37 |
| 1 1/2" | 7.78 | (0.18) | 7.60 |
| 2" | 8.75 | (0.52) | 8.23 |
| 3" | 15.85 | (2.97) | 12.88 |
| 4" | 18.48 | (3.88) | 14.60 |
| 6" | 24.62 | (5.99) | 18.63 |
| Dewatering | 6.21 | (0.03) | 6.18 |

OUTSIDE CITY MONTHLY 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" | \$7.09 | \$1.17 | \$8.26 |
| 3/4" | 7.18 | 1.26 | 8.44 |
| 1" | 7.43 | 1.61 | 9.04 |
| 1 1/2" | 7.78 | 2.05 | 9.83 |
| 2" | 8.75 | 3.24 | 11.99 |
| 3" | 15.85 | 12.05 | 27.90 |
| 4" | 18.48 | 15.33 | 33.81 |
| 6" | 24.62 | 22.95 | 47.57 |
| Municipalities | 6.21 | (0.22) | 5.99 |
| Dewatering | 6.21 | 0.16 | 6.37 |
| Septage | 6.21 | 0.16 | 6.37 |