

RESOLUTION 19-10796

**A RESOLUTION SPECIFYING WATER AND
WASTEWATER RATE AND FEE SCHEDULE
ADJUSTMENTS ENACTED PURSUANT TO TITLE 69,
CHAPTER 7, MONTANA CODE ANNOTATED.**

WHEREAS, water and wastewater cost of service studies have been completed and water and wastewater rate and fee schedules have been prepared for the municipal water and wastewater utility that would generate adequate funds to operate the utilities, as well as require each customer class of the utilities to pay its fair share of the cost of operating the water and wastewater systems; and

WHEREAS, the cost of service studies anticipate a need for extension, repair, improvement, and continued operation and maintenance of existing and proposed water and wastewater system facilities for the providing of water and wastewater services to inhabitants of the City of Billings, Montana; and

WHEREAS, under Title 69, Chapter 7 of the Montana Code Annotated, and under the terms of City Resolution Number 13585, the City of Billings is authorized to regulate the City's municipal water and wastewater utility and to change water and wastewater rates, fees, and charges as may be deemed by the City Council to be reasonable and just, and

WHEREAS, it is essential to the public health, welfare, and safety of the inhabitants of the City of Billings and its environs to provide an adequate public water and wastewater system and to provide adequate funding to meet the cost of constructing, maintaining, and operating the same;

NOW, THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF BILLINGS, MONTANA:

1. That the following schedule of rates, fees, and charges are found to be just, reasonable, and necessary for the continued sound operation of the water and wastewater utilities and that the proposed rates, fees, and charges are approved, adopted, and published as the rates, fees, and charges of the City of Billings, Montana water and wastewater utilities, effective July 1, 2019 and July 1, 2020.

WATER RATE AND FEE SCHEDULES

Schedule I METERED WATER MONTHLY VOLUME CHARGES

Customers within the City

<u>Customer Class</u>	<u>Effective 7/1/19</u> <u>\$ per Ccf</u>	<u>Effective 7/1/20</u> <u>\$ per Ccf</u>
Residential		
Block 1 (0-14 Ccf)	\$ 2.53	\$ 2.66
Block 2 (15-43 Ccf)	\$ 3.04	\$ 3.19
Block 3 (44-100 Ccf)	\$ 3.95	\$ 4.15
Block 4 (>100 Ccf)	\$ 5.93	\$ 6.23
Non-Residential	\$ 2.21	\$ 2.30
Seasonal	\$ 3.61	\$ 3.79
Multi-Family	\$ 2.59	\$ 2.69

Customers outside the City

<u>Customer Class</u>	<u>Effective 7/1/19</u> <u>\$ per Ccf</u>	<u>Effective 7/1/20</u> <u>\$ per Ccf</u>
Residential		
Block 1 (0-14 Ccf)	\$ 2.63	\$ 2.76
Block 2 (15-43 Ccf)	\$ 3.15	\$ 3.31
Block 3 (44-100 Ccf)	\$ 4.10	\$ 4.31
Block 4 (>100 Ccf)	\$ 6.15	\$ 6.46
Non-Residential	\$ 2.34	\$ 2.43
Resale	\$ 1.81	\$ 2.09

Schedule II MINIMUM MONTHLY WATER CHARGES

Customers within the City

<u>Meter Size</u>	<u>Effective 7/1/19</u>	<u>Effective 7/1/20</u>
3/4"	\$ 8.15	\$ 8.15
1"	\$ 9.15	\$ 9.15
1-1/2"	\$ 10.95	\$ 11.08
2"	\$ 15.60	\$ 15.91
3"	\$ 49.00	\$ 49.49
4"	\$ 62.60	\$ 64.48
6"	\$ 93.05	\$ 96.77
8"	\$ 127.10	\$ 132.18
10"	\$ 192.70	\$ 200.41

Customers outside the City

<u>Meter Size</u>	<u>Effective 7/1/19</u>	<u>Effective 7/1/20</u>
3/4"	\$ 8.75	\$ 8.75
1"	\$ 10.00	\$ 10.00
1-1/2"	\$ 11.90	\$ 12.04
2"	\$ 17.00	\$ 17.34
3"	\$ 53.25	\$ 53.78
4"	\$ 68.05	\$ 70.09
6"	\$ 101.10	\$ 105.14
8"	\$ 138.15	\$ 143.68
10"	\$ 213.65	\$ 222.20

**Schedule
III**

PRIVATE FIRE PROTECTION CHARGES

<u>Connection Size</u>	<u>Inside City</u>	
	<u>Effective 7/1/19</u>	<u>Effective 7/1/20</u>
1-1/4"	\$ 26.10	\$ 27.65
1-1/2"	\$ 34.80	\$ 36.90
2"	\$ 55.70	\$ 59.05
3"	\$ 139.15	\$ 147.50
4"	\$ 243.50	\$ 258.10
6"	\$ 556.45	\$ 589.85
8"	\$ 973.80	\$ 1,032.25
10"	\$ 1,530.25	\$ 1,622.05
12"	\$ 2,203.60	\$ 2,335.80
14"	\$ 2,999.30	\$ 3,179.25

	<u>Outside City</u>	
	<u>Effective 7/1/19</u>	<u>Effective 7/1/20</u>
1-1/4"	\$ 26.45	\$ 28.05
1-1/2"	\$ 35.25	\$ 37.35
2"	\$ 56.40	\$ 59.80
3"	\$ 141.10	\$ 149.55
4"	\$ 246.85	\$ 261.65
6"	\$ 564.20	\$ 598.05
8"	\$ 987.35	\$ 1,046.60
10"	\$ 1,551.55	\$ 1,644.65
12"	\$ 2,234.20	\$ 2,368.25
14"	\$ 3,041.05	\$ 3,223.50

Schedule IV**WATER SPECIAL FEES AND CHARGES**

	Effective 7/1/19	Effective 7/1/20
1.) Application for extension of the water distribution system of the City	\$ 180.00	\$ 180.00
2.) Application for water service line installation permits	\$ 120.00	\$ 120.00
3.) Special agreements	\$ 125.00	\$ 125.00
4.) Water meter accuracy test fee		
(a) Small meter (in shop)	\$ 60.00	\$ 60.00
(b) Large meter (in field)	\$ 185.00	\$ 200.00
(c) Hydrant meter rental (\$/day)	\$ 5.00	\$ 5.00
5.) Construction meter setting and removal fee (\$/meter)	\$ 60.00	\$ 60.00
6.) Fireflow fee (\$/hydrant)	\$ 105.00	\$ 105.00
7.) Turn-on/Turn-off charge		
(a) Normal working hours	\$ 35.00	\$ 35.00
(b) Outside normal working hours	\$ 90.00	\$ 90.00
8.) Utility bill insert fee (\$/insert)	\$ 0.40	\$ 0.40
--City Departments charged for actual costs incurred from utility billing vendor		
9.) Water main tapping fee		
(a) Two inch diameter tap or smaller (\$/tap each visit)	\$ 145.00	\$ 145.00
(b) Over two inch diameter tap (\$/tap each visit)	\$ 335.00	\$ 335.00
(c) Extra charge for cylinder pipe	\$ 880.00	\$ 880.00
10.) Flushing, testing, and chlorinating fee (\$ each visit)	\$ 140.00	\$ 140.00
--Water for flushing, testing, and chlorinating charged at current seasonal rate per Ccf		
11.) Delinquent service charge		
(a) Normal working hours	\$ 80.00	\$ 80.00
(b) Outside normal working hours	\$ 120.00	\$ 120.00
12.) NSF fee	\$ 25.00	\$ 25.00
13.) Late payment interest charge (%/month)	1.5%	1.5%
14.) Water service line/fireline repair program fee (\$/month)	\$ 1.30	\$ 1.30

Schedule V

WATER SYSTEM DEVELOPMENT FEES

Meter or Service <u>Line Size</u>	Effective 7/1/19		
	<u>Residential</u>	<u>Non-Residential</u>	<u>Irrigation</u>
3/4" or less (1 EDU)	\$ 2,905	\$ 8,535	\$ 10,270
1"	\$ 2,905	\$ 14,480	\$ 17,410
1-1/2"	\$ 2,905	\$ 28,945	\$ 34,830
2"	\$ 2,905	\$ 46,320	\$ 55,735
3"	\$ 2,905	\$ 92,640	\$ 111,430
4"	\$ 2,905	\$ 144,755	\$ 174,115

For connections to the water system with meters larger than 4 inches or when the unique usage characteristics of a large water user may require, the City will forecast the demands on an average day basis. The System Development Fee (SDF) will be calculated as follows: $SDF = (ADD * 7.86) * 1.04$

Where:

ADD is the projected average day demand of the new user in gallons per day,

7.86 equals the unit cost of the existing system buy-in component plus the unit cost of the development related new facility component and .04 equals the administrative fee.

WASTEWATER RATE AND FEE SCHEDULES

Schedule I

WASTEWATER MONTHLY VOLUME CHARGES

Customer Class	Effective 7/1/19	Effective 7/1/20
	<u>\$ per Ccf</u>	<u>\$ per Ccf</u>
<u>Customers within the City</u>		
Residential	\$ 3.50	\$ 3.60
Large Residential	\$ 3.50	\$ 3.60
Commercial-Domestic Strength	\$ 3.50	\$ 3.60
Commercial-High Strength	\$ 6.70	\$ 7.25
<u>Customers outside the City</u>	\$ 3.50	\$ 3.60

Schedule IA**MINIMUM MONTHLY WASTEWATER CHARGES****Customers within the City**

<u>Meter Size</u>	<u>Effective 7/1/19</u>	<u>Effective 7/1/20</u>
3/4"	\$ 6.80	\$ 6.85
1"	\$ 8.70	\$ 8.75
1-1/2"	\$ 10.65	\$ 10.70
2"	\$ 11.15	\$ 11.20
3"	\$ 18.00	\$ 18.10
4"	\$ 68.20	\$ 68.60
6"	\$ 86.85	\$ 87.30
8"	\$ 130.25	\$ 130.90
10"	\$ 179.85	\$ 180.80

Customers outside the City

<u>Meter Size</u>	<u>Effective 7/1/19</u>	<u>Effective 7/1/20</u>
3/4"	\$ 7.50	\$ 7.55
1"	\$ 9.55	\$ 9.60
1-1/2"	\$ 11.70	\$ 11.75
2"	\$ 12.25	\$ 12.30
3"	\$ 19.75	\$ 19.90
4"	\$ 75.00	\$ 75.45
6"	\$ 95.55	\$ 96.05
8"	\$ 143.30	\$ 144.00
10"	\$ 197.85	\$ 198.90

Schedule IB**LOCKWOOD WASTEWATER MONTHLY CHARGES**

<u>Lockwood Sewer District</u>	<u>Effective 7/1/19</u>	<u>Effective 7/1/20</u>
Volume Charge	\$.808/Ccf	\$.811/Ccf
Fixed Monthly Fee	\$21,591	\$26,868
Surcharge Fee	6%	6%

Schedule IC**PHILLIPS 66 WASTEWATER MONTHLY CHARGES**

<u>Phillips 66 Billings Refinery</u>	<u>Effective 7/1/19</u>	<u>Effective 7/1/20</u>
Volume Charge	\$.483/Ccf	\$.484/Ccf
Fixed Monthly Fee	\$16,048	\$19,388
Surcharge Fee	6%	6%

Schedule ID**EXXONMOBIL WASTEWATER MONTHLY CHARGES**

<u>ExxonMobil Refinery</u>	<u>Effective 7/1/19</u>	<u>Effective 7/1/20</u>
Volume Charge	\$.288/Ccf	\$.289/Ccf
Fixed Monthly Fee	\$19,892	\$24,200
Surcharge Fee	6%	6%

Schedule II**WASTEWATER EXTRA STRENGTH SURCHARGE**

<u>Unit Charges</u>	<u>Effective 7/1/19</u>	<u>Effective 7/1/20</u>
X = BOD (\$/lb)	\$ 0.7768	\$ 0.9019
Y = TSS (\$/lb)	\$ 0.5255	\$ 0.5811
Z = TKN (\$/lb)	\$ 1.5305	\$ 1.7217

WASTEWATER SPECIAL FEES AND CHARGES

<u>Schedule III</u>	<u>Effective 7/1/19</u>	<u>Effective 7/1/20</u>
1.) Application for extension of the wastewater collection system of the City	\$ 180.00	\$ 180.00
2.) Application for sanitary sewer service permits:		
(a) Domestic users service line installation permit	\$ 120.00	\$ 120.00
(b) Industrial users permit	\$ 1,900.00	\$ 2,100.00
3.) Special agreements	\$ 125.00	\$ 125.00
4.) Septage disposal permit fee (\$/1,000 gallons)	\$ 46.40	\$ 54.00
5.) Delinquent service charge		
(a) Normal working hours	\$ 80.00	\$ 80.00
(b) Outside normal working hours	\$ 120.00	\$ 120.00

6.) NSF fee	\$ 25.00	\$ 25.00
7.) Late payment interest charge (%/month)	1.5%	1.5%

Schedule IV WASTEWATER SYSTEM DEVELOPMENT FEES

<u>Meter or Service Line Size</u>	<u>Effective 7/1/19</u>
3/4" or less(1 EDU)	\$ 2,630
1"	\$ 8,075
1-1/2"	\$ 23,440
2"	\$ 40,465
3"	\$ 104,980
4"	\$ 245,775

For connections to the wastewater system with meters larger than 4 inches or when the unique usage characteristics of a large wastewater user may require, the City will forecast the requirements for the flow, Biochemical Oxygen Demand (BOD), and Total Suspended Solids (TSS) to determine the number of Equivalent Dwelling Units (EDUs). The System Development Fee (SDF) will be calculated as follows:

$$(\$6.99 * \text{Flow} * (.5534 + (\text{BOD} * .1968 / 200) + (\text{TSS} * .1315 / 200) + (\text{TKN} * 0.1183 / 55))) * 1.04$$

Where:

BOD is the projected BOD loading of the new user's effluent in milligrams per liter, and
TSS is the projected TSS loading of the new user's effluent in milligrams per liter, and
TKN is the projected TKN loading of the new user's effluent in milligrams per liter.

The constants used in the above formula are:

\$6.99 equals the unit cost of the existing system buy-in component plus the unit cost of the development related new facility component.

.5534 equals the proportion of the City's wastewater facilities allocated to the flow parameter in its cost-of service analysis.

.1968 equals the proportion of the City's wastewater facilities allocated to the BOD parameter in its cost-of service analysis.

.1315 equals the proportion of the City's wastewater facilities allocated to the TSS parameter in its cost-of service analysis.

.1183 equals the proportion of the City's wastewater facilities allocated to the TKN parameter in its cost-of service analysis.

1.04 represents the administrative charge.

Schedule V LOCKWOOD WASTEWATER SYSTEM DEVELOPMENT FEES

<u>Meter or Service Line Size</u>	<u>Effective 7/1/19</u>
3/4" or less(1 EDU)	\$ 1,370
1"	\$ 4,210
1-1/2"	\$ 12,230
2"	\$ 21,110
3"	\$ 54,770
4"	\$ 128,230

For connections to the wastewater system with meters larger than 4 inches or when the unique usage characteristics of a large wastewater user may require, the City will forecast the requirements for the flow, Biochemical Oxygen Demand (BOD), and Total Suspended Solids (TSS) to determine the number of Equivalent Dwelling Units (EDUs). The System Development Fee (SDF) will be calculated as follows:

$$(\$3.66 * \text{Flow} * (.5534 + (\text{BOD} * .1968 / 200) + (\text{TSS} * .1315 / 200) + (\text{TKN} * 0.1183 / 55))) * 1.04$$

Where:

Flow is the projected maximum monthly average wastewater flow of the new user in gallons per day, and

BOD is the projected BOD loading of the new user's effluent in milligrams per liter, and

TSS is the projected TSS loading of the new user's effluent in milligrams per liter, and

TKN is the projected TKN loading of the new user's effluent in milligrams per liter.

The constants used in the above formula are:

\$3.66 equals the unit cost of the existing system buy-in component plus the unit cost of the development related new facility component.

.5534 equals the proportion of the City's wastewater facilities allocated to the flow parameter in its cost-of service analysis.

.1968 equals the proportion of the City's wastewater facilities allocated to the BOD parameter in its cost-of service analysis.

.1315 equals the proportion of the City's wastewater facilities allocated to the TSS parameter in its cost-of service analysis.

.1183 equals the proportion of the City's wastewater facilities allocated to the TKN parameter in its cost-of service analysis.

1.04 represents the administrative charge.

-
2. That any fees for construction of the west end reservoir and water plant projects be identified as a separate fee on the utility bill; and when the reservoir and water plant projects are paid off, the fees for the reservoir and water plant projects are removed from the utility bill.
 3. That this Resolution is to be immediately filed in the City Clerk's Office and that the decision adopting the adjusted rates shall be final ten days after such are so filed.

PASSED AND ADOPTED by the City Council of the City of Billings, Montana, on the 28th day of May, 2019.



CITY OF BILLINGS

By: William A. Cole
William A. Cole, Mayor

ATTEST:

By: Denise R. Bohlman
Denise R. Bohlman, City Clerk