

## RESOLUTION 10-19012

A RESOLUTION ESTABLISHING WASTEWATER SYSTEM DEVELOPMENT FEES AND RATES ENACTED PURSUANT TO WASTEWATER SERVICE AGREEMENT BETWEEN THE CITY OF BILLINGS AND THE LOCKWOOD WATER AND SEWER DISTRICT.

**WHEREAS**, the City Council of the City of Billings, Montana, retained Red Oak Consulting to prepare wastewater rate and fee schedules for the municipal wastewater utility that would require the Lockwood Water and Sewer District (District) to pay its fair share of the cost of the City of Billings providing wastewater service to the District; and

**WHEREAS**, the *WHOLESALE WASTEWATER RATE and SYSTEM DEVELOPMENT FEE STUDIES, CITY OF BILLINGS, MONTANA*, dated June 2010, prepared by Red Oak Consulting developed such rates and fees for FY2011 in conformance with the applicable portions of the March 24, 2008 Wastewater Service Agreement between the City of Billings and the District; and

**WHEREAS**, under Title 69, Chapter 7 of the Montana Code Annotated, and under the terms of City Resolution No. 13585, the City of Billings is authorized to regulate the City's municipal wastewater utility and to establish and change wastewater rates, fees, and charges as may be deemed by the City Council to be reasonable and just.

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

1. That the following schedules of rates and fees is found to be just, reasonable, and necessary for the equitable recovery of costs and that the proposed rates and fees are approved and adopted and published as the rates and fees of the City of Billings, Montana wastewater utilities, effective upon the effective date of this Resolution.
2. That this Resolution is to be immediately filed in the City Clerk's Office, and that the decision adopting the rates and fees shall be final ten days after such are so filed.
3. That the Public Works Department is directed to file a copy of the revised wastewater rate schedules with the Public Service Commission within ten days after filing of this Resolution by the City Clerk.

**PASSED AND ADOPTED** by the City Council of the City of Billings, Montana, on the 25<sup>th</sup> day of October 2010.



THE CITY OF BILLINGS

BY: Thomas W. Hanel  
Thomas W. Hanel, Mayor

ATTEST:

BY: Cari Martin  
Cari Martin, City Clerk

## **PUBLIC WORKS DEPARTMENT**

## WASTEWATER UTILITY

## **RATES AND CHARGES**

## Schedule IA

## **Lockwood Wastewater Monthly Charge**

**Available for:** Lockwood Sewer District.

Wholesale Rate \$0.162 per Ccf plus monthly fixed cost of \$18,506

**Surcharge Fee** 6%

(Not applicable to wastewater system development fee and franchise fee)

EFFECTIVE: \_\_\_\_\_

BY \_\_\_\_\_

## Public Works Director

APPROVED BY THE CITY COUNCIL OF THE CITY OF BILLINGS, MONTANA  
Resolution No. 10-19012 Date Approved: October 25, 2010

**PUBLIC WORKS DEPARTMENT**

**WASTEWATER UTILITY**

**RATES AND CHARGES**

**SCHEDULE IB**

**Minimum Monthly Wastewater Charges**

Meter Size	<b>Effective Date</b>		
	<u>7/1/08</u> (\$)	<u>7/1/09</u> (\$)	<u>8/5/10</u> (\$)
<b><i>INSIDE CITY</i></b>			
3/4"	5.44	5.75	6.22
1"	6.09	6.45	7.02
1 1/2"	6.78	7.20	7.87
2"	6.95	7.40	8.09
3"	9.34	9.99	10.99
4"	26.90	29.09	32.33
6"	33.41	36.16	40.30
8"	48.59	52.67	58.78
10"	65.94	71.53	79.90
<b><i>OUTSIDE CITY</i></b>			
3/4"	5.99	6.33	6.86
1"	6.70	7.11	7.73
1 1/2"	7.46	7.93	8.66
2"	7.65	8.14	8.90
3"	10.27	10.98	12.08
4"	29.59	32.00	35.57
6"	36.75	39.78	44.33
8"	53.45	57.94	64.66
10"	72.54	78.69	87.91

EFFECTIVE: \_\_\_\_\_

BY \_\_\_\_\_

Public Works Director

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## PUBLIC WORKS DEPARTMENT

### WASTEWATER UTILITY

#### RATES AND CHARGES

#### Schedule VII

#### **Lockwood Wastewater System Development Fees <sup>(1)</sup>**

Meter Size	
3/4" or less (1 EDU)	\$ 637
1"	\$ 1,957
1½"	\$ 5,677
2"	\$ 9,792
3"	\$ 25,410
4"	\$ 59,483

(1) Applicable to Lockwood applicants only.

For connections to the water system with meters larger than 4-inches, the City will forecast the requirements for the flow, biochemical oxygen demand (BOD), and total suspended solids (TSS) to determine the number of EDUs. For connections to the Lockwood system, the number of EDUs associated with the requirements may be determined by the following:

$$EDUs = \left[ \frac{Flow * 0.8697}{249} \right] + \left[ \frac{(BOD) * 0.0760}{151.7} \right] + \left[ \frac{(TSS) * 0.0543}{151.7} \right]$$

Where:

- Flow is projected maximum monthly average wastewater flow of the new user in gallons per day, and
- BOD is the projected BOD loading of the new customer in pounds per year of the new user's effluent, and
- TSS is the projected TSS loading of the new customer in pounds per year of the new user's effluent.

The constants used in the above formula are:

- 0.8697 equals the proportion of the City's wastewater facilities allocated to the flow parameter in its cost-of-service analysis
- 249.0 equals the estimated capacity requirements of an EDU in gallons per day of flow on maximum monthly average basis
- 0.0760 equals the proportion of the City's wastewater facilities allocated to the BOD parameter in its cost-of-service analysis

- 151.7 equals the estimated capacity requirements of an EDU in pounds of BOD per year
- 0.0543 equals the proportion of the City's wastewater facilities allocated to the TSS parameter in its cost-of-service analysis
- 151.7 equals the estimated capacity requirements of an EDU in pounds of TSS per year

The City may update the values in the formula above as its system changes to recognize the changing costs imposed by a new large customer.

EFFECTIVE: \_\_\_\_\_

BY

## Public Works Director

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