

SCHEDULE C

Effective for all consumption, estimated or actual, on or after March 1, 2018

WASTEWATER RATES

1 In-city Wastewater Utility Customers in residential premises containing up to two Dwelling Units shall pay the following amounts:

- (a) a usage charge of \$ 1.52 for each cubic metre of Wastewater volume, (calculated as described in paragraph 4 below), and
- (b) a fixed monthly charge determined by the size of the water meter supplied to that Customer as follows:

<u>WATER METER SIZE</u>	<u>FIXED MONTHLY CHARGE</u>
16 mm	\$ 18.25
19 mm	\$ 18.25
25 mm	\$ 18.25
38 mm	\$ 18.25

2 In-city Wastewater Utility Customers in non-residential premises and in residential premises containing three or more Dwelling Units shall pay the following amounts:

- (a) a usage charge of \$ 1.64 for each cubic metre of Wastewater volume, (calculated as described in paragraph 4 below), and
- (b) a fixed monthly charge determined by the size of the water meter supplied to that Customer as follows:

<u>WATER METER SIZE</u>	<u>FIXED MONTHLY CHARGE</u>
16 mm	\$ 14.80
19 mm	\$ 19.90
25 mm	\$ 23.60
38 mm	\$ 37.00
50 mm	\$ 63.30
75 mm	\$ 102.00
100 mm	\$ 245.00
150 mm	\$ 414.00
200 mm	\$ 740.00

- (c) The minimum charge for any Wastewater Customer shall be \$ 18.25 per month.

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- 3 Where The City has tested the discharge of Wastewater into the sewerage system pursuant to Section 83 of this Bylaw, Over strength Surcharge and found that the Wastewater exceeds the limits of Biochemical Oxygen Demand (BOD), Total Suspended Solids (TSS) or fats, Oil and Grease (FOG) set out therein, then that Customer shall pay for Wastewater service at the following rates:
- (a) a sampling and testing charge of \$ 118.00 per month during the period within which the Wastewater continues to be over strength based on the results of testing
 - (b) a usage charge at the rate identified in Section 2 of this Schedule,
 - (c) a fixed monthly charge at the rate identified in Section 2 of this Schedule, and
 - (d) an Over strength Surcharge based on the amount of BOD, TSS and FOG at the following rates:

Tier 1				Surcharge	
	Concentration above	Concentration below		2018 Rates	
BOD	300	2,400	mg/L	\$1.09	/kg
TSS	300	2,400	mg/L	\$1.04	/kg
FOG	100	250	mg/L	\$0.81	/kg
Tier 2				Surcharge	
	Concentration above	Concentration below			
BOD	2,400	4,800	mg/L	\$1.45	/kg
TSS	2,400	4,800	mg/L	\$1.38	/kg
FOG	250	500	mg/L	\$1.08	/kg
Maximum Allowable Limits				Surcharge	
	Concentration above				
BOD	4,800		mg/L	\$2.18	/kg
TSS	4,800		mg/L	\$2.08	/kg
FOG	500		mg/L	\$1.62	/kg

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Example calculation for Wastewater containing a BOD concentration of 5,000 mg/L (5 kg/m³):

			<u>2018 Surcharge Rate</u>
● On the first 0.3 kg/m ³	0.3	x \$ -	\$ -
● On the next 2.1 kg/m ³	2.1	x \$ 1.09	\$2.29
● On the next 2.4 kg/m ³	2.4	x \$ 1.45	\$3.48
● On the last 0.2 kg/m ³	0.2	x <u>\$ 2.18</u>	<u>\$0.44</u>
Total BOD Surcharge Rate per m ³ :			\$6.21

- 4 For the purpose of calculating the Wastewater usage charge payable by an in-city Customer, the volume of Wastewater contributed by the Customer to the Wastewater Sewer shall be deemed to be equal to 90% of the water delivered to the Customer's premises, whether the water was received from The City or from sources other than The City. Where no meter or other exact means exist to determine the quantity of water consumed by any Person, The City shall make an estimate thereof for the purpose of determining the Wastewater Utility charges. The Customer may, at his or her own expense, install and maintain a meter subject to approval by The City upon which the service charge shall thereafter be determined.
- 5 The Fee for disposal of Wastewater at the Septage Receiving Station and FOG Station (Fats, Oils and Grease) is \$ 13.31/cubic metre.
- (a) charges will be based on an estimate of the load volume, as determined by The City.
- (b) there is a minimum of one (1) cubic metre.
- (c) there is no charge for recreational vehicles.
- 6 Wastewater Treatment Plant Laboratory Testing - The Fees for testing of Wastewater for determining the content of the following constituents are as follows, per test:
- | | |
|---------------------------------|----------|
| Ammonia | \$ 15.00 |
| U-Ammonia | \$ 8.80 |
| BOD | \$ 34.00 |
| TSS | \$ 17.60 |
| COD | \$ 15.50 |
| pH | \$ 6.50 |
| Oil and Grease | \$ 33.00 |
| TP | \$ 22.30 |
| E.coli | \$ 44.50 |
| VSS - Volatile Suspended Solids | \$ 6.40 |
| TS - Total Solids | \$ 5.80 |
| VS - Volatile Solids | \$ 6.20 |
| DO – Dissolved Oxygen | \$ 5.70 |

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- 7 Lagoon Dumping Rate
The fee for disposal of digested sludge at the WWTP sludge lagoons is \$28.00 per cubic metre.
- 8 Mud Dumping Rate
The fee for disposal of inorganic mud and solids at the WWTP dumping facility is \$35.50 per cubic metre.
- 9 Regional Customers shall pay for Wastewater supplied to the Wastewater Treatment Plant at the following rates (for each cubic metre of Wastewater supplied):
- | | | |
|-----|---|---------|
| (a) | South Red Deer Regional Wastewater Commission | \$ 1.09 |
| (b) | North Red Deer Regional Wastewater System | \$ 1.09 |
- 10 WWTP Disposal Station access card replacement \$ 50.00