

EPCOR Water Services Inc.

**2019 Annual Water Rates and
Wastewater Treatment Rates Filing**

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Residential Water Service

Applicable To all domestic water service customers within the City of Edmonton

A domestic service is defined as a service supplied to premises used primarily for domestic purposes, where no more than four separate dwelling units are metered by a single water meter and the service line to the premises is not greater than 50 millimeters in diameter.

If a business is conducted from premises that otherwise fall within the above definition of a domestic service, this Residential Water Service rate will apply; provided, however, that if the portion of the premises from which the business is conducted is separately metered, then a Commercial Water Service rate will apply to that portion of the premises.

Rate **Fixed Monthly Service Charge**
See Fixed Monthly Water Service Charges

Consumption Charge

0 m ³ – 10.0 m ³	\$2.0612 per m ³
10.1 m ³ to 35.0 m ³	\$2.2520 per m ³
Over 35.0 m ³	\$2.8461 per m ³

Effective Dates These rates effective April 1, 2019 to March 31, 2020 are subject to change in future years under the terms of this bylaw.

Multi-Residential Water Service

Applicable To all multi-residential service customers within the City of Edmonton

A multi-residential service is defined as a service supplied to premises used primarily for domestic purposes; where more than four separate dwelling units are metered by a single water meter.

If a business is conducted from premises that otherwise fall within the above definition of a multi-residential service, this Multi-Residential Water Service rate will apply; provided, however, that if the portion of the premises from which the business is conducted is separately metered, then a Commercial Water Service rate will apply to that portion of the premises

Rate **Fixed Monthly Service Charge**
See Fixed Monthly Water Service Charges

Consumption Charge

0 m ³ – 100 m ³	\$1.9435 per m ³
100.1 m ³ – 1000 m ³	\$1.6259 per m ³
Over 1000 m ³	\$1.3436 per m ³

Effective Dates These rates effective April 1, 2019 to March 31, 2020 are subject to change in future years under the terms of this bylaw.

Commercial Water Service

Applicable To all commercial, industrial and institutional customers within the City of Edmonton

To all water customers not otherwise defined as Residential or Multi-Residential water service customers per Part I of this Schedule or as hydrant or truck fill service water customers per Part III of this Schedule.

Rate **Fixed Monthly Service Charge**
See Fixed Monthly Water Service Charges

Consumption Charge

0 m ³ – 25.0 m ³	\$1.6169 per m ³
25.1 m ³ – 100.0 m ³	\$1.6169 per m ³
100.1 m ³ – 1000.0 m ³	\$1.4912 per m ³
1000.1 m ³ – 5000.0 m ³	\$1.1803 per m ³
Over 5000 m ³	\$0.9499 per m ³

Effective Dates These rates effective April 1, 2019 to March 31, 2020 are subject to change in future years under the terms of this bylaw.

Fixed Monthly Water Service Charges

Applicable To all metered water customers within the City of Edmonton municipal boundaries.

Rate **Fixed Monthly Water Service Charge**

Meter Size	Monthly Charge
15 mm	\$ 6.63
20 mm	\$ 9.92
25 mm	\$ 16.52
40 mm	\$ 33.06
50 mm	\$ 52.81
75 mm	\$ 99.08
100 mm	\$ 165.22
150mm	\$ 330.32
200 mm	\$ 528.45
250mm	\$ 762.64
300 mm	\$ 1,115.77

Effective Dates These rates effective April 1, 2019 to March 31, 2020 are subject to change in future years under the terms of this bylaw.

Customer Rebate for Water Services

Applicable To all metered water customers within the City of Edmonton in the event that the Water System Service Quality does not meet the standard performance level.

Rebate **Customer Rebate**

Meter Size	Rebate
15 mm	\$ 0.00
20 mm	\$ 0.00
25 mm	\$ 0.00
40 mm	\$ 0.00
50 mm	\$ 0.00
75 mm	\$ 0.00
100 mm	\$ 0.00
150mm	\$ 0.00
200 mm	\$ 0.00
250mm	\$ 0.00
300 mm	\$ 0.00
400 mm	\$ 0.00
500 mm	\$ 0.00

Effective Dates The total penalty for the year will be applied as a rebate to customer water bills in the year immediately following the performance year.

Residential Wastewater Treatment Service

Applicable To all domestic service customers and multi-residential service customers located within the City of Edmonton which are serviced by or connected to the City’s sewerage system.

A domestic service and multi-residential service are defined on Rate Sheet 1 and 2, respectively.

Rates **Fixed Monthly Service Charge** \$4.54 per month

Consumption Charge *
All consumption \$0.9277 per m³
** Consumption is based on water meter readings unless otherwise approved by EWSI and the City.*

Effective Dates These rates effective April 1, 2019 to March 31, 2020 are subject to change in future years under the terms of this bylaw.

Commercial Wastewater Treatment Service

Applicable To all commercial, industrial and institutional customers within the City of Edmonton which are serviced by or connected to the City’s sewerage system.

To all customers not otherwise defined as Residential Wastewater Treatment Service customers.

Rates

Fixed Monthly Service Charge	\$4.54 per month
Consumption Charge *	
0 m ³ – 10,000.0 m ³	\$0.9277 per m ³
10,000.1 m ³ – 100,000.0 m ³	\$0.7177 per m ³
>100,000 m ³	\$0.3745 per m ³

** Consumption is based on water meter readings unless otherwise approved by EWSI and the City.*

Effective Dates These rates effective April 1, 2019 to March 31, 2020 are subject to change in future years under the terms of this bylaw.

Wastewater Overstrength Surcharges

Applicable Applies to a customer who releases wastewater to the sewer system that contains one or more constituents that exceed the concentration indicated herein.

Rates:

Wastewater Overstrength Surcharge:

The Overstrength surcharge, applied to each m³ of water consumed, for each kilogram of surchargeable matter per m³ of wastewater that exceeds the concentration indicated for that matter shall be:

	Concentrations Above:
a) \$0.5807 for Biochemical Oxygen Demand (BOD)	300 mg/L
b) \$0.5807 for Chemical Oxygen Demand (COD)	600 mg/L*
c) \$0.5077 for oil and grease	100 mg/L
d) \$4.8321 for phosphorous	10 mg/L
e) \$0.5270 for suspended solids, and	300 mg/L
f) \$1.2334 for Total Kjeldahl Nitrogen (TKN)	50 mg/L

* Or twice the BOD concentration in the wastewater, whichever is greater.

Wastewater Additional Overstrength Surcharge:

The Additional Overstrength Surcharge, applied to each m³ of water consumed, for each kilogram of surchargeable matter per m³ of wastewater that exceeds the concentration indicated for that matter shall be:

	Concentrations Above:
a) \$0.5807 for Biochemical Oxygen Demand (BOD)	3,000 mg/L
b) \$0.5807 for Chemical Oxygen Demand (COD)	6,000 mg/L*
c) \$0.5077 for oil and grease	400 mg/L
d) \$4.8321 for phosphorous	75 mg/L
e) \$0.5270 for suspended solids, and	3,000 mg/L
f) \$1.2334 for Total Kjeldahl Nitrogen (TKN)	200 mg/L

* Or twice the BOD concentration in the wastewater, whichever is greater.

Effective Dates These rates effective April 1, 2019 to March 31, 2020 are subject to change in future years under the terms of this bylaw.

Customer Rebate for Wastewater Treatment Services

Applicable To all metered customers within the City of Edmonton in the event that the Wastewater Treatment Service Quality does not meet the standard performance level.

Rebate **Customer Rebate**
Applied to the Fixed Monthly Service Charge

Residential Wastewater Treatment Service	\$0.00
Commercial Wastewater Treatment Service	\$0.00

Effective Dates The total penalty for the year will be applied as a rebate to customer wastewater treatment bills in the year immediately following the performance year.

2018 Water System Service Quality Measures Schedule

Description	Performance Standard	Actual Performance	Points Earned ^[1]
Water Quality Index	99.7%	99.8%	25.0
Customer Service Index			
Post Service Audit Factor	74.9%	71.3%	4.8
Home Sniffing Factor	94.4%	92.8%	4.9
Response Time Factor	25	20.7	5.9
Planned Construction Impact Factor	95.8%	96.2%	5.0
Total Customer Service Index			20.6
System Reliability and Optimization Index			
Water Main Break Factor	419	345	7.4
Water Main Break Repair Duration Factor	93.7%	96.0%	6.4
Water Loss Factor	2.00	0.9	9.7
System Energy Efficiency Factor	309	257	7.5
Total System Reliability and Optimization Index			28.5
Environmental Index			
Water Conservation Factor	17.2	15.8	5.4
Environmental Incident Factor	6	4	7.3
Solids Residual Management Factor	120	95.8	4.0
Total Environmental Index			16.5
Safety Index			
Near Miss Reporting Factor	550	855	5.8
Worksite Inspection Factor	1,032	2,720	9.9
Lost Time Frequency Factor	0.57	0.38	5.6
All Injury Frequency Factor	1.54	1.72	3.4
Total Safety Index			16.5
Aggregate Points Earned (sum of all indices)			107.1
Points Required at Performance Standard			100.0
Points Above / (Below) Performance Standard			7.1
Water System Service Quality Penalty			\$0.00²

[1] Points earned for each index are the lesser of the sum of the actual points earned for each performance measure included in the index and the maximum points available for the index.

[2] In accordance with Section 3.0 of Schedule 3 to the EPCOR Water Services and Wastewater Treatment Bylaw No. 17698, there is no water system quality penalty to be assessed as the points earned are above 100.

2018 Wastewater Treatment Service Quality Measures Schedule

Description	Performance Standard	Actual Performance	Points Earned
Water Quality and Environmental Index			
Water Quality Factor	28.0%	27.2%	28.3
Environmental Incident Factor	10	2	137.5
Total Water Quality and Environmental Index			60.5
Customer Service Index			
H2S - 1-Hour Exceedance Factor	6	2	15.0
H2S - 24-Hour Exceedance Factor	2	0	10.0
Scrubber Uptime Factor	90.0%	90.8%	5.0
Total Customer Service Index			16.5
System Reliability and Optimization Index			
Enhanced Primary Treatment Factor	80.0%	98.7%	6.2
Biogas Utilization Factor	60.0%	75.6%	6.3
Energy Efficiency Factor	514	503.6	5.1
Total System Reliability and Optimization Index			16.5
Safety Index			
Near Miss Reporting Factor	220	241	4.1
Worksite Inspection Factor	919	971	4.0
Lost Time Frequency Factor	0.75	0.00	7.5
All Injury Frequency Factor	1.50	0.0	7.5
Total Safety Index			16.5
Aggregate Points Earned (sum of all indices)			110.0
Points Required at Performance Standard			100.0
Points Above / (Below) Performance Standard			10.0
Wastewater System Service Quality Penalty			\$0.00^[1]

[1] In accordance with Section 4.0 of Schedule 3 to the EPCOR Water Services and Wastewater Treatment Bylaw No. 17698, there is no water system quality penalty to be assessed as the points earned are above 100.