



For Information Only

Amend Water Wastewater Policy and Rate By-law

Presented To:	Special City Council
Presented:	Monday, Dec 21, 2020
Report Date:	Thursday, Dec 17, 2020
Type:	By-Laws
By-Law:	2020-194

Resolution

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Relationship to the Strategic Plan / Health Impact Assessment

This report refers to operational matters.

Report Summary

This report identifies several changes to the Water Wastewater Policy and rate By-law for 2021.

Financial Implications

There are no financial implications associated with this report.

Signed By

Report Prepared By

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Division Review

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Supporting Documents

1. [Water and Wastewater Policy and Rates December 2020 \(pdf\)](#)
2. [By-law 2020-194 \(pdf\)](#)

Summary

During 2019, Council approved the Revised Long Range Financial Plan for Water and Wastewater. The Plan recommended that the Water Wastewater Rate should increase by 4.8% annually over a 20 year period to achieve financial sustainability. Notwithstanding, the Plan has to be revised every 5 years as part of the Drinking Water Licenses renewal process.

Council approved this increase in 2020 and the water and wastewater consumption rates have been adjusted for 2021 to achieve the recommended 4.8% increase and will become effective January 1, 2021.

For 2021, the following rates will be charged:

1. Water Variable Rate of \$1.893 (2020 - \$1.809) per cubic metre of water used
2. Fixed Monthly Water Service Charges based on size of metre/service

5/8 "	\$23.37
3/4"	\$23.37
1"	\$58.41
1 1/2"	\$116.81
2"	\$186.90
3"	\$373.80
4"	\$584.06
6"	\$1,168.13
8"	\$1,869.00
10"	\$2,686.69

3. Wastewater Surcharge of 112.9% (2020 - 112.0%) applied to water usage and water service charge

The following table provides a summary of the impact of the 2021 rates on a residential customer who consumes 200 Cubic metres of water annually.

	2020	2021	\$ Change	% Change
Water				
Annual Usage Charge	\$361.80	\$378.60	\$16.80	
Annual Fixed Service Charge	269.76	280.44	10.68	
Total Annual water	\$631.56	659.04	\$27.48	4.4%
Wastewater				
Annual Usage Surcharge	\$405.22	\$427.44	\$22.22	
Annual Fixed Service Surcharge	302.13	316.62	14.49	
Total Annual Wastewater	\$707.35	\$744.06	\$36.71	5.2%
Total Annual Water Wastewater Charges	\$1,338.91	\$1,403.10	\$64.19	4.8%

All other miscellaneous rates were increased by a maximum of 3% in accordance with the Rates By-Law, where appropriate, with the following exception noted in this report.

Hauled Liquid Waste Rates

As part of the Biosolids Plant project, the City built a Hauled Liquid Waste Receiving station to receive material from septic tanks and holding tanks from customers who are not connected to the City's wastewater infrastructure.

The City charges a fee for the receipt of septic and holding tank waste material at the Sudbury Wastewater Treatment plant pursuant to the Sewer Use Bylaw 2010-188 as amended.

A recommended fee was established for waste received from a septic tank and a rate of 50% of that amount for waste from a holding tank. These fees were calculated using best practice and chosen as a median amongst other municipalities that offer this service. Additionally, the owner of a holding tank is entitled to apply for a 50% rebate of the per cubic metre (m³) fee. The current rate for septic waste is \$33.00/m³ and \$16.50/m³ for holding tanks.

Since the installation of the septage receiving station in 2015, sufficient data has now been collected to allow a review of rates. In 2020 a study was completed which took into account items such treatment costs, operations and maintenance impacts and capital recovery required. The completed analysis determined that a reduction in septage and hauled liquid waste fees is merited. Commencing January 1, 2021 the recommended new rates will be \$26.47/m³ for septage waste. Holding tank owners will be eligible to apply for a rebate for hauled liquid waste in the amount of \$18.36/m³ for a net rate of \$8.11/m³. Staff continue to investigate options for eliminating the rebate application process and will report recommendations to Council as information becomes available. These rates will be implemented effective January 1, 2021 upon passing of the By-law. The expected total revenue for this service is estimated at \$325,000 which represents an estimated reduction of \$200,000 in budgeted revenues. Estimates are based on the annual average amount of liquid waste received since the service was introduced in 2015. The total estimated revenue is sufficient to deliver the service provided.

By-law 2020-194

**A By-law of the City of Greater Sudbury to Amend By-Law 2018-45
being a By-law of the City of Greater Sudbury to Establish a
Water and Wastewater Policy and Water and Wastewater Rates
and Charges in General and for Special Projects**

Whereas Council of the City of Greater Sudbury has approved the Water and Wastewater Long Range Financial Plan which recommends an annual rate increase of 4.8%;

And Whereas Council of the City of Greater Sudbury deems it appropriate to approve this rate increase effective January 1, 2021;

And Whereas Council of the City of Greater Sudbury wishes to amend By-law 2018-45 being a By-law of the City of Greater Sudbury to Establish a Water and Wastewater Policy and Water and Wastewater Rates and Charges in General and for Special Projects;

Now therefore Council of the City of Greater Sudbury hereby enacts as follows:

Replace Schedules


1. By-law 2018-45, being a By-law of the City of Greater Sudbury to Establish a Water and Wastewater Policy and Water and Wastewater Rates and Charges in General and for Special Projects, as amended, is hereby further amended by;


- (a) repealing Schedule "A" – Rates and Charges as per this by-law and enacting, in its place and stead, Schedule "A" – Rates and Charges as per this by-law attached hereto as Schedule "A" and forming a part of this By-law;
- (b) repealing Schedule "B" – Rates and Charges as per by-law 2010-214, as amended or replaced and enacting, in its place and stead, Schedule "B" – Rates and Charges as per By-law 2010-214, as amended or replaced, attached hereto as Schedule "B" and forming a part of this By-law
- (c) repealing Schedule "C" – Rates and Charges as per by-law 2010-188, as amended or replaced and enacting, in its place and stead, Schedule "C" – Rates and Charges as per By-law 2010-188, as amended or replaced, attached hereto as Schedule "C" and forming a part of this By-law; and

(d) repealing Schedule "C-1" – Rates and Charges as per by-law 2017-217, as amended or replaced and enacting, in its place and stead, Schedule "C-1" – Rates and Charges as per By-law 2017-217, as amended or replaced, attached hereto as Schedule "D" and forming a part of this By-law.

2. This By-law comes into effect on January 1st, 2021.

Read and Passed in Open Council this 21st day of December, 2020


_____ Mayor


_____ Clerk

Schedule "A"
to By-law 2020-194 of the City of Greater Sudbury

Schedule A to By-law 2018-45
Rates and Charges as per this by-law

Part II - Water Rates and Charges

Note: Fees in this Part are not subject to HST

Note: Hourly rates in this Part shall be prorated to the nearest half hour on site

Section 3 Water Consumption Charge

Section	Description	Rate	Per
3	Meter installed	\$.	1.893 Cubic Meter
4 (1)	Before Meter Installed - Construction Period	Meter installed rate x 5 cubic meters (flat rate) per month	n/a
4 (2)	Properties - No Meter Installed	Meter installed rate x 21 cubic meters (flat rate) per month	n/a

Section 5 Water Fixed Charge

Meter/Water Service size	Rate	
5/8 and 3/4 inches	\$ 23.37	Month
1 inch	\$ 58.41	Month
1 1/2 inches	\$ 116.81	Month
2 inches	\$ 186.90	Month
3 inches	\$ 373.80	Month
4 inches	\$ 584.06	Month
6 inches	\$ 1,168.13	Month
8 inches	\$ 1,869.00	Month
10 inches	\$ 2,686.69	Month

Section	Description	Rate	Per
6(1)	Fire Protection Sprinkler System, per Private Property	\$ 912.00	year
7(1)	Provision and installation of a Meter (up to 2 inches in diameter) and Appurtenances	\$ 402.00	Meter
7(2)	Replace Meter (installed after January 21, 2020 as part of the AMI project)		
	5/8 inch positive displacement	\$ 199.00	Meter
	1 inch positive displacement	\$ 364.00	Meter
	1 1/2 inch positive displacement	\$ 690.00	Meter
	2 inch positive displacement	\$ 864.00	Meter
	2 inch Tru/Flo	\$ 2,611.00	Meter
	3 inch turbine	\$ 1,314.00	Meter
	3 inch Tru/Flo	\$ 3,158.00	Meter
	4 inch turbine	\$ 2,374.00	Meter
	4 inch Tru/Flo	\$ 5,123.00	Meter
	6 inch turbine	\$ 4,210.00	Meter
	6 inch Tru/Flo	\$ 9,529.00	Meter
7(2)	Replace AMI Transmitter	\$180.00 to \$236.00	Transmitter
7(2)	Repair a Meter	\$ 56.00	Occasion
7(2)	Replace or repair Water Meter Remote	\$ 43.00	Remote
7(5)	Trip Charge	\$ 45.00	Occasion
7(7)(a)	Missed appointment fee	\$ 52.00	Occasion
7(7)(b)	Cancellation within 24 hours of scheduled appointment fee	\$ 52.00	Occasion
7(8)	Monthly Manual Meter Reading Fee	\$ 50.00	Month
8(a)	Notification of pending Water Connection shut off	\$ 45.00	Occasion
8(b)	Water Connection turn on or off	\$ 90.00	Occasion, per hour
9	Use of City Fire Hydrant	\$ 327.00	Occasion
9 (a)	Rental of Equipment and staff time for set up and take down	\$ 327.00	Occasion
9 (b)	Refundable equipment damage deposit	\$ 500.00	Occasion

Schedule "A"
to By-law 2020-194 of the City of Greater Sudbury

Schedule A to By-law 2018-45
Rates and Charges as per this by-law

10	H2O to GO Water Buggy Rental - non- profit	\$	265.00	Occasion
10	H2O to GO Water Buggy Rental - profit	\$	595.00	Occasion

Part III - Wastewater Rates and Charges

Note: Fees in this Part are not subject to HST

Section	Description	Rate	Per
11(2)	Wastewater rate - with Water Service		112.9% n/a
11(3)	Wastewater rate - no Water Service		112.9% n/a
11(4)	Clearance of a private sewer lateral blockage upon request	\$	554.59 Occasion
11(5)(a)	Missed appointment fee	\$	50.00 Occasion
11(5)(b)	Cancellation within 24 hours of scheduled appointment fee	\$	50.00 Occasion

Part IV - Rates that can apply to water and/or wastewater services

Note: Fees in this Part are not subject to HST

Section	Description	Rate	Per
Attendance at Private Property for:			
12(1)(a)	Thawing of Plumbing or private sewer laterals on Private Property		
	Regular Business Hours	\$	206.00 Hour
	After Hours	\$	313.00 Hour
Attendance at Private Property for any of the following:			
12(1)(b)	Private Fire Hydrant fire flow testing		
12(1)(c)	Installation, repair or removal of a Temporary Water Service		
12(1)(d)	Operator In Charge		
12(1)(e)	Tapping		
12(1)(f)	Valve Turning		
12(1)(g)	Relocation of a Meter or Appurtenance		
12(1)(h)	Replacement or repair of Plumbing		
12(1)(i)	Thawing a frozen service resulting from non-compliance to a run water request		
	Regular Business Hours	\$	104.00 Hour
	After Hours	\$	156.00 Hour
12(2)	Part required for the repair or replacement of Plumbing at the request of Owner		Actual Cost + HST Part

Part V - Adjustments

Section	Description	Rate	Per
26(1) and 26 (3)	Rebate for Hauled Liquid Waste	\$	Cubic meter 18.36

Schedule "B"
to By-law 2020-194 of the City of Greater Sudbury

Schedule B to By-law 2018-45
Rates and Charges as per by-law 2010-214, as amended or replaced

Service Connections

Section	Description	Rate	Per
3 (a)	Service connection	Actual costs + HST	connection
3 (e)	Service connection - variances	Actual costs + HST	connection

Note: Fees in this Part are not subject to HST

Private Fire Hydrant fee

Section	Description	Rate	Per
5.1(e)	Private Fire Hydrant, per hydrant	\$ 912.00	year

Fire Hydrant water consumption rate

Section	Description	Rate	Per
5.2 (2)	Water consumption at the bulk water rate	\$ 3.02	Cubic Meter

Bulk Water Filling Stations

Section	Description	Rate	Per
5.3(3)	Bulk Water rate	\$ 3.02	Cubic Meter
5.4(1) (c)	Issuance of a prepaid bulk water station filling card	\$ 50.00	Company
5.4(2)	Additional/Replacement of a prepaid bulk water station filling card	\$ 20.00	Card

Meter Testing

Section	Description	Rate	Per
6(j)	Meter testing charge - request by Consumer or Owner	Actual costs + HST	test

Schedule "C"
to By-law 2020-194 of the City of Greater Sudbury

Schedule C to By-law 2018-45
Rates and Charges as per by-law 2010-188, as amended or replaced

Note: Fees in this Part are not subject to HST

Hauled Liquid Waste

Section	Description	Rate	Per
15(10)(a)	Hauled liquid waste from septic and/or holding tanks	\$	26.47 Cubic Meter
	Issuance of a sludge/septic station filling card	\$	50.00 Company
	Additional/Replacement of a sludge/septic station filling card	\$	20.00 Card

Sludge Tipping Fees

Section	Description	Rate	Per
17(2)	For sludge which is generated from a source other than a City owned or operated municipal facility and which has a solid content not exceeding 2%	\$	20.30 Cubic Meter
17(2)	For sludge which is generated from a source other than a City owned or operated municipal facility and which has a solid content of 4%	\$	40.60 Cubic Meter
17(2)	For sludge which is generated from a source other than a City owned or operated municipal facility and which has a solid content exceeding 2% but less than 4%	A rate between the rates above, adjusted proportionately to reflect the percentage of solid content Cubic Meter	

Leachate Tipping Fees

Section	Description	Rate	Per
	Tipping Fee	\$	28.14 Cubic Meter

Application Fees

Section	Description	Rate	Per
17(2)	Overstrength Sewage Discharge Agreement	\$	995.00 Application
17(2)	Sanitary Sewer Discharge Agreement	\$	995.00 Application
17(2)	Sludge Discharge Agreement	\$	995.00 Application
17(2)	Leachate Discharge Agreement	\$	995.00 Application
15(2)(c)	Hauled Liquid Waste Permit	\$	270.00 Permit
15(2)(c)	Hauled Liquid Waste Permit Renewal Fee	\$	63.00 Renewal
18(3)(g)	Compliance Program	\$	1,130.00 Application
17(2)	Overstrength Sewage Discharge Agreement Renewal Fee	\$	225.00 Renewal
17(2)	Sanitary Sewer Discharge Agreement Renewal Fee	\$	225.00 Renewal
17(2)	Sludge Discharge Agreement Renewal Fee	\$	225.00 Renewal
17(2)	Leachate Discharge Agreement Renewal Fee	\$	225.00 Renewal
18(3)(g)	Compliance Program Renewal Fee	\$	225.00 Renewal

Schedule "C"
to By-law 2020-194 of the City of Greater Sudbury

Schedule C to By-law 2018-45
Rates and Charges as per by-law 2010-188, as amended or replaced

Note: Fees in this Part are not subject to HST

Discharge Surcharge Rates

Overstrength Sewage Discharge Agreement:

The surcharge for Overstrength Sewage under an Overstrength Sewage Discharge Agreement shall be calculated in accordance with the following formula:

$$S(dT) = WCC * WWR * V(dT) \left\{ 0.30 \left(\frac{TSS}{350} \right) + 0.15 \left(\frac{BOD_5}{300} \right) + 0.10 \left(\frac{TPC}{1} \right) + 0.40 \left(\frac{TP}{10} \right) + 0.05 \left(\frac{TKN}{100} \right) \right\}$$

Where	S(dT)	Wastewater Surcharge in dollars;
	WCC	Water Consumption Charge as provided in Schedule A to By-Law 2018-45;
	WWR	Wastewater Rate as provided in schedule A to By-Law 2018-45;
	V(dT)	Total Volume, in cubic metres, released during time interval dT;
	TSS	Average Total Suspended Solids in milligrams per litre as determined by lab testing during time interval dT;
	BOD ₅	Average five-day Biochemical Oxygen Demand in milligrams per litre as determined by lab testing during time interval dT;
	TPC	Average Total Phenolic Compounds in milligrams per litre as determined by lab testing during time interval dT;
	TP	Average Total Phosphorous in milligrams per litre as determined by lab testing during time interval dT; and
	TKN	Average Total Kjeldahl Nitrogen in milligrams per litre as determined by lab testing during time interval dT.

Note: If any of the quotients given in the above equation are less than or equal to 1.0, then that expression defaults to zero. For Instance:

if TSS = 20 such that $\frac{TSS}{350} = 0.57$ which is less than 1, then $\frac{TSS}{350}$ is set to 0.

Sanitary Sewer Discharge Agreement - Surcharge:

The surcharge payable for the discharge to the sanitary sewer of wastewater originating with water not from the City's water supply system shall be calculated in accordance with the following formula:

$$VWC(dT) = WCC * WWR * V(dT)$$

Where	VWC(dT)	Volumetric Wastewater Charge, in dollars, covering the time period (dT) in question;
	WCC	Water Consumption Charge per cubic metre as provided in the Schedule A to By-Law 2018-45
	WWR	Wastewater Rate as provided in Schedule A to By-Law 2018-45
	V(dT)	Total Volume, in cubic metres, released during the time period (dT) in question.

Schedule "D"
to By-law 2020-194 of the City of Greater Sudbury

Schedule C-1 to By-law 2018-45
Rates and Charges as per by-law 2017-217, as amended or replaced

Note: Fees in this Part are not subject to HST

Backflow Prevention

Section	Description	Rate	Per
12(1)(a)	Preventer Test Tag Kit	\$	119.00 pkg 100
12(2)(e)	Processing Fee for Test and Inspection Report	\$	30.00 Report
17(1)(d)	Processing Fee for Cross Connection Survey Report	\$	64.00 Report
19(2)(c)	Processing Fee for Backflow Compliance Program	\$	64.00 Program
20(4)(c)	Review and Updating of List of Qualified Persons	\$	20.00 Person