

CITY OF TRAIL
2021 Budget

2021 UTILITY CHARGE SUMMARY
RESIDENTIAL CHARGE COMPARISON

2021 PROPOSED RATE SUMMARY

<u>TYPE OF LEVY</u>	>> 2021 Rate Proposal <<		>> 2020 Rates <<	
	Discounted Rate	Annual rate	Discounted Rate	Annual rate
WATER	\$364.30	\$393.60	\$355.40	\$384.00
SEWER	248.90	269.00	248.90	269.00
GARBAGE	126.00	136.00	123.00	132.00
TOTAL W,S,G charges	\$739.20	\$798.60	\$727.30	\$785.00

VARIANCES - 2021 VS 2020

<u>TYPE OF LEVY</u>	\$ Variance 2021 vs 2020		% Change 2021 vs 2020	
	Discounted Rate	Annual rate	Discounted Rate	Annual rate
WATER	\$8.90	\$9.60	2.50%	2.50%
SEWER	0.00	0.00	0.00%	0.00%
GARBAGE	3.00	4.00	2.44%	3.03%
TOTAL Change W,S,G charges	\$11.90	\$13.60	1.64%	1.73%

The table below summarizes total utility (WSG) charges proposed for 2021 as compared to charges levied in 2020.

	Total - Discounted		Total - No Discount	
	2021	2020	2021	2020
Total annual	\$739.20	\$727.30	\$798.60	\$785.00
Annual Increase (2021 - 2020)	\$11.90		\$13.60	
Monthly Charge (Annual/12)	\$61.60	\$60.61	\$66.55	\$65.42
Monthly increase (Monthly 2019 - Monthly 2018)	\$0.99		\$1.13	

UTILITY RATE HISTORY

Year	Water	Sewer	Garbage	Total WSG	Change	
					\$	%
2015	\$338.10	\$246.80	\$116.00	\$700.90	\$13.20	1.92%
2016	\$348.00	\$253.00	\$126.00	\$727.00	\$26.10	3.72%
2017	\$372.80	\$258.10	\$126.00	\$756.90	\$29.90	4.11%
2018	\$376.50	\$261.00	\$130.00	\$767.50	\$10.60	1.40%
2019	\$376.50	\$264.00	\$132.00	\$772.50	\$5.00	0.65%
2020	\$384.00	\$269.00	\$132.00	\$785.00	\$12.50	1.62%
2021 - Proposed	\$393.60	\$269.00	\$136.00	\$798.60	\$13.60	1.73%

GARBAGE RATES - 2021

Rate History

Year	2019	2020	2021 Proposed
City Flat Rate	\$132.00	\$132.00	\$136.00
Discounted amount	\$123.00	\$123.00	\$126.00
Discount rate	6.82%	6.82%	7.35%
		% increase	3.03%

Costs

	2019	2020	2021
Refuse Collection Contract **	\$204,300	\$204,300	\$207,500
Regional Tipping Fees - Refuse Contract	\$149,600	\$149,600	\$149,600
Spring Clean-up	\$28,600	\$28,600	\$36,000
Fall Clean-up	\$35,000	\$35,000	\$41,000
Discounts claimed	\$31,000	\$31,000	\$31,000
Projected surplus	\$0	\$0	\$0
Total Refuse Disposal Costs	\$448,500	\$448,500	\$465,100
Number of units/accounts	3,410	3,418	3,421
Cost per Unit (calculated)	\$131.50	\$131.20	\$136.00

** Contract expired in 2019 and was was extended for five year. Contract pricing for 2020 included.

January 1 to March 31	204,300	3	51,075
April 1 to December 31	208,400	9	156,300
Total 2021 - Estimated Contract Amount			207,375

Tipping fees - Increased in 2015 to \$110 per tonne. No change forecast for 2021.

Estimate - annual 2021	1360	\$110	\$	149,600
	<i>tonnes</i>	price / tonne		Annual Budget

**CITY OF TRAIL
2021 BUDGET**

**PROPOSED WATER RATE STRUCTURE
2021 WATER - FLAT RATES**

PROPOSED RATE STRUCTURE - 2021

Classification	Before Feb. 28	After Feb. 28	\$ Discount	% Discount
Domestic dwelling	364.30	393.60	(29.30)	7.50%
Domestic excess 3 / Commercial	218.40	236.20	(17.80)	7.50%
Boarding - one room	96.40	104.20	(7.80)	7.50%
Boarding - kitchen or toilet	195.40	211.20	(15.80)	7.50%
Boarding - both k&t	233.70	252.60	(18.90)	7.50%

PREVIOUS YEAR RATES - 2020

Classification	Before Feb. 28	After Feb. 28	\$ Discount	% Discount
Domestic dwelling	355.40	384.00	(28.60)	7.50%
Domestic excess 3 / Commercial	213.00	230.40	(17.40)	7.50%
Boarding - one room	94.10	101.70	(7.60)	7.50%
Boarding - kitchen or toilet	190.60	206.00	(15.40)	7.50%
Boarding - both k&t	228.00	246.50	(18.50)	7.50%

CHANGES 2020 VS 2021

Classification	Before Feb. 28	After Feb. 28	\$ Discount	% - Change	
				Disc.	Annual
Domestic dwelling	8.90	9.60	(0.70)	2.50%	2.50%
Domestic excess 3 / Commercial	5.40	5.80	(0.40)	2.54%	2.52%
Boarding - one room	2.30	2.50	(0.20)	2.44%	2.46%
Boarding - kitchen or toilet	4.80	5.20	(0.40)	2.52%	2.52%
Boarding - both k&t	5.70	6.10	(0.40)	2.50%	2.47%

A 1% increase in flat rates will generate approximately \$15,250 in gross revenue (before discount) and result in user rate increase of \$3.80.

**CITY OF TRAIL
2021 BUDGET**

**PROPOSED WATER RATE STRUCTURE
2021 WATER - METERED RATES**

PROPOSED RATE STRUCTURE - 2021

Billing Levels	Before Feb. 28	After Feb. 28	\$ Discount	% Discount
0 TO 1,000 CUFT (PER 100)	2.06	2.21	(0.15)	-6.79%
1,000 TO 10,000	1.77	1.89	(0.12)	-6.35%
10,000 TO 100,000	1.68	1.79	(0.11)	-6.15%
100,000 +	1.68	1.79	(0.11)	-6.15%

PREVIOUS YEAR RATES - 2020

Billing Levels	Before Feb. 28	After Feb. 28	\$ Discount	% Discount
0 TO 1,000 CUFT (PER 100)	2.06	2.21	(0.15)	-6.79%
1,000 TO 10,000	1.75	1.87	(0.12)	-6.42%
10,000 TO 100,000	1.65	1.76	(0.11)	-6.25%
100,000 +	1.65	1.76	(0.11)	-6.25%

CHANGES 2020 VS 2021

Billing Levels	Before Feb. 28	After Feb. 28	\$ Discount	% - Change	
				Disc.	Annual
0 TO 1,000 CUFT (PER 100)	0.00	0.00	0.00	0.00%	0.00%
1,000 TO 10,000	0.02	0.02	0.00	1.14%	1.07%
10,000 TO 100,000	0.03	0.03	0.00	1.82%	1.70%
100,000 +	0.03	0.03	0.00	1.82%	1.70%

Historically Level 3 and 4 rates have been adjusted more aggressively than Level 1 and 2. This has enabled Level 4 to be effectively eliminated in an effort to get rid of the regressive rate structure that sees water rates come down as consumption increases. Water production costs are variable whereby unit costs don't necessarily decline as consumption / production increases and the reduced rate. Having a universal rate for water and sewer is the long term goal.

**CITY OF TRAIL
2021 BUDGET
RATE STRUCTURE
2021 SEWER - FLAT RATES**

PROPOSED RATE STRUCTURE - 2021				
<u>Classification</u>	Before Feb. 28	After Feb. 28	\$ Discount	% Discount
Domestic dwelling/ Commercial	248.90	269.00	(20.10)	-7.50%
Domestic excess 3	137.80	149.00	(11.20)	-7.50%
Boarding - one room	46.30	50.00	(3.70)	-7.50%
Boarding - kitchen or toilet	98.10	106.00	(7.90)	-7.50%
Boarding - both k&t	119.30	129.00	(9.70)	-7.50%

RATE STRUCTURE - 2020

<u>Classification</u>	Before Feb. 28	After Feb. 28	\$ Discount	% Discount
Domestic dwelling/ Commercial	248.90	269.00	(20.10)	-7.50%
Domestic excess 3	137.80	149.00	(11.20)	-7.50%
Boarding - one room	46.30	50.00	(3.70)	-7.50%
Boarding - kitchen or toilet	98.10	106.00	(7.90)	-7.50%
Boarding - both k&t	119.30	129.00	(9.70)	-7.50%

CHANGES 2020 VS 2021

Classification	Before Feb. 28	After Feb. 28	\$ Discount	% - Change	
				Disc.	Annual
Domestic dwelling	-	-	-	0.00%	0.00%
Domestic excess 3 / Commercial	-	-	-	0.00%	0.00%
Boarding - one room	-	-	-	0.00%	0.00%
Boarding - kitchen or toilet	-	-	-	0.00%	0.00%
Boarding - both k&t	-	-	-	0.00%	0.00%

A 1% increase in rates will generate \$11,425 in revenue and rates to a residential account would increase by \$3.00 before discount. For the purpose of calculation, rates are rounded up, to the nearest whole dollar.

**CITY OF TRAIL
2021 BUDGET**

**RATE STRUCTURE
2021 SEWER - METERED RATES**

PROPOSED RATE STRUCTURE - 2021

Billing Levels	Before Feb. 28	After Feb. 28	\$ Discount	% Discount
0 TO 1,000 CUFT (PER 100)	0.92	0.96	(0.04)	-4.17%
1,000 TO 10,000	0.82	0.86	(0.04)	-4.65%
10,000 TO 100,000	0.76	0.79	(0.03)	-3.80%
100,000 +	0.58	0.61	(0.03)	-4.92%

RATE STRUCTURE - 2020

Billing Levels	Before Feb. 28	After Feb. 28	\$ Discount	% Discount
0 TO 1,000 CUFT (PER 100)	0.92	0.96	(0.04)	-4.17%
1,000 TO 10,000	0.82	0.86	(0.04)	-4.65%
10,000 TO 100,000	0.76	0.79	(0.03)	-3.80%
100,000 +	0.58	0.61	(0.03)	-4.92%

CHANGES 2020 VS 2021

Billing Levels	Before Feb. 28	After Feb. 28	\$ Discount	% - Change	
				Disc.	Annual
0 TO 1,000 CUFT (PER 100)	0.00	0.00	0.00	0.00%	0.00%
1,000 TO 10,000	0.00	0.00	0.00	0.00%	0.00%
10,000 TO 100,000	0.00	0.00	0.00	0.00%	0.00%
100,000 +	0.00	0.00	0.00	0.00%	0.00%

Adjustment for 2021 with adjustment to base rates consistent with water fund.
Higher level consumers will pay additional charges as usage increase about 10,000 cubic feet.