



LANDFILL DISPOSAL DISCOUNT: HISTORICAL COUNCIL DIRECTION FOR THE BASIC SANITARY WASTE RATE

2018

C2018-1158 One Calgary 2019-2022 Service Plans and Budgets. In Attachment 3Z, Council approved Bylaw 20M2001 with the approved Basic Sanitary Rate for 2019-2022.

The City of Calgary (The City) continues to set rates at levels that support diversion via existing markets and service providers. Waste & Recycling Services (WRS) did not increase the Basic Sanitary rate for 2019 nor 2020, as the regional economy is still recovering. As waste is typically one of the last areas to experience economic recovery, only small increases for 2021 and 2022 are proposed. WRS will monitor all operating and capital costs, customer activity, and economic recovery and may adjust the rate and charges through the Mid-Cycle Adjustment process.

C2018-0489 One Calgary: Setting Indicative Rates for 2019-2022. In Attachment 2, WRS outlined the proposed Basic Sanitary Rate for the budget cycle. The rate was developed to ensure that: WRS is able to continue next steps towards the 70 per cent by 2025 diversion goal; maintain services levels for existing customers; extend those services to new communities; maintain capacity and efficiency of its infrastructure; and respond to inflationary impacts.

2017

C2017-1123 Action Plan 2018 Adjustments Attachment 7. Council directed that the Basic Sanitary Rate per tonne in 2018 be frozen at the 2016 level, rather than increased as per Action Plan.

2016

C2016-0863 Action Plan Mid-Cycle Adjustments Attachment 16. Council directed that the Basic Sanitary Rate per tonne in 2017 be frozen at the 2016 level, rather than increased as per Action Plan.

2014

C2014-0863 2015-2018 Action Plan Proposed Business Plans and Budgets. WRS proposed and Council approved Bylaw 20M2001 with the approved Basic Sanitary Rate for 2015-2018.

2000's

UE2008-36 Waste & Recycling Services – Financial Sustainability. Beyond WRS' financial plan for sustainability, this report includes the Basic Sanitary Rate for Council approval through the bylaw for 2009-2011. The rate were set to support: funding a 10-year capital plan aligned with the 80/20 by 2020 capital plan including needs for growth, regulatory and environmental requirements; and to fully fund the landfill liability.

UE 2007-36 Calgary's Construction and Demolition Waste Strategy Action Plan. While The City and the stakeholders agree that increasing landfill tipping fees is essential for increasing diversion of construction and demolition (C&D) materials, each party has a differing perspective on the timing and rate of increases. No increases were recommended.



UE2007-34 Landfill Disposal Rates. WRS recommended an increase in the approved basic municipal solid waste disposal rate for 2008 of \$54 per tonne to \$58 per tonne. Based on information from 2006 and 2007 C&D reports as well as emerging legislative and environmental drivers which were increasing cost for waste management facilities (WMF), Council approved an increase in the approved basic municipal solid waste disposal rate for 2008 of \$54 per tonne to \$64 per tonne.

UE2006-28 State of Construction and Demolition Waste Diversion in Calgary. Stakeholder feedback at the time was that the Basic Sanitary Waste rate for garbage disposal was too low to support C&D recycling markets.

OE2002-62 2003 Landfill Rates. To remove the current block rate structure for sanitary waste disposal.

C2001-90 2002 Landfill Rates. To reduce the current block rate structure for sanitary waste disposal. The report indicated that the plan was to phase out the discounts completely by 2003.

Description	Discount per Month	Net
0 to 499 tonnes	\$0.00	\$33.50 / tonne
500 to 999 tonnes	\$2.00	\$31.50 / tonne

C2000-57 2001 Landfill Rates. Implement a revised block rate discount for sanitary waste disposal, based on changes in the operating environment including hauler amalgamation and increased economic activity and increasing costs. The report indicated that the plan was to phase out the discounts completely by 2003.

Description	Discount per Month	Net
0 to 499 tonnes	\$0.00	\$30.00 / tonne
500 to 999 tonnes	\$2.00	\$28.00 / tonne
1,000 tonnes or more	\$3.50	\$26.50 / tonne

1990's

C98-77 1999 Landfill Rates. Implement a revised block rate structure for sanitary waste disposal, based on changes in the operating environment including hauler amalgamation and increased economic activity.



Description	Discount per Month	Net
0 to 499 tonnes	\$0.00	\$30.00 / tonne
500 to 999 tonnes	\$2.00	\$28.00 / tonne
1,000 to 3,999 tonnes	\$3.50	\$26.50 / tonne
4000 tonne or more per month	\$5.00	\$25.00 / tonne

FB94-111 – 1995 Landfill Rates. A review was completed to assess the possibility of implementing a wider range of discounts to encourage commercial haulers to use The City’s disposal sites.

Description	Discount per Accounting Period	Net
2,300 tonnes or less	\$0.00	\$30.00 / tonne
More than 2,300 tonnes Less than 3,100 tonnes	\$3.00	\$27.00 / tonne
More than 3,100 tonnes Less than 4,600 tonnes	\$4.50	\$25.50 / tonne
More than 4,600 tonnes Not to exceed 100,000 annually	\$6.00	\$24.00 / tonne

FB93-102 – Volume Discount on Landfill Rates. Council approved reduced landfill tipping fees for high volume customers. Solid Waste Service Division implemented a 15% discount on the rate for sanitary waste disposed by commercial account customers who deliver 2,750 tonnes or more per month. This discount was equal to \$4.50 per tonne.

FB92-64 – 1993 Budget Adjustments Due to Reduced Tonnages Disposed. This report was about cost containment measures and budget cuts due to decreased tonnes going to The City’s WMF.

The history of the Basic Sanitary Waste rate per tonne since 1992 to present is shown in Figure 1.

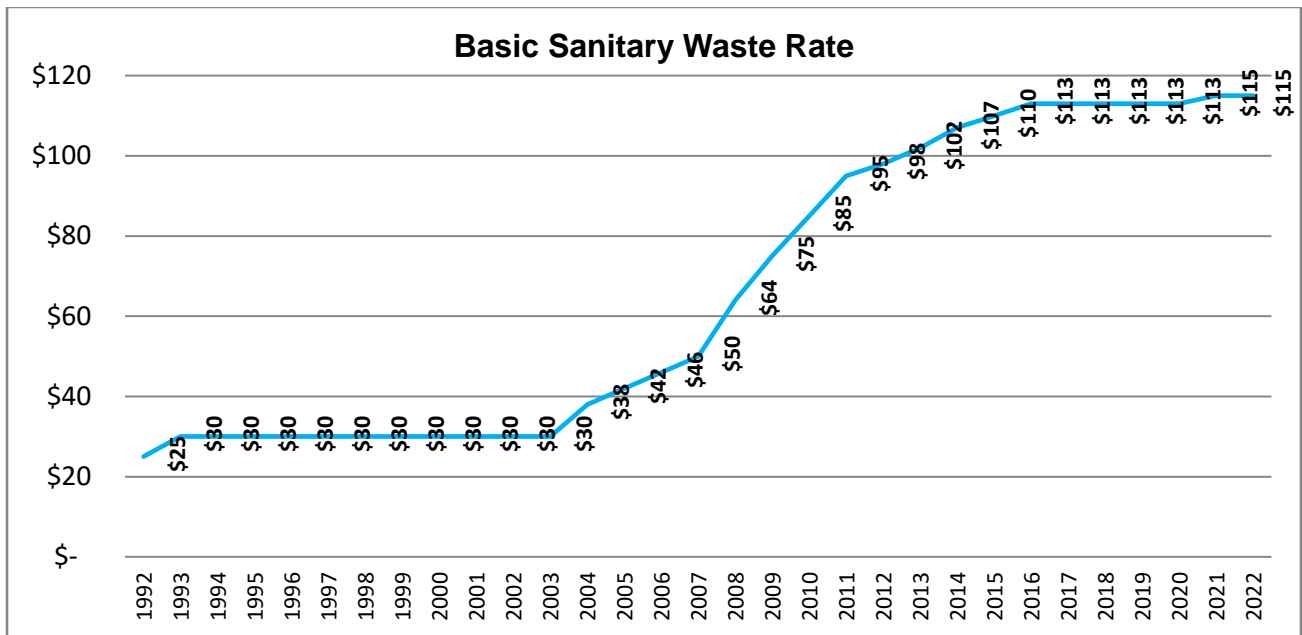


Figure 1: Waste Management Facilities Basic Sanitary Waste Rate

Table 1: WRS' Basic Sanitary Waste rate per tonne and policy / program timeline

Year	Rate per tonne*	Rate per tonne**	Policy and Program
1992	\$25		
1993	\$30		
1994	\$30		<ul style="list-style-type: none"> Disposal discount of 15% with 2,750 tonne threshold
1995	\$30		<ul style="list-style-type: none"> Disposal discount rates with 4 different levels
1996	\$30		<ul style="list-style-type: none"> Discount continued
1997	\$30		<ul style="list-style-type: none"> Discount continued
1998	\$30		<ul style="list-style-type: none"> Discount continued
1999	\$30		<ul style="list-style-type: none"> Adjust disposal discount rated – 4 new levels
2000	\$30		<ul style="list-style-type: none"> Discount continued
2001	\$30		<ul style="list-style-type: none"> Disposal discount rates – only 3 levels
2002	\$30		<ul style="list-style-type: none"> Disposal discount rates – only 2 levels
2003	\$30		<ul style="list-style-type: none"> Disposal discount removed
2004	\$38		
2005	\$42		
2006	\$46		
2007	\$50		<ul style="list-style-type: none"> Construction and demolition (C&D) stakeholder feedback that the Basic Sanitary Waste rate too low to support recycling markets



Year	Rate per tonne*	Rate per tonne**	Policy and Program
2008	\$54	\$64	<ul style="list-style-type: none"> New tipping fee strategy - increase Basic Sanitary Waste rate to support creation of diversion markets
2009	\$75		<ul style="list-style-type: none"> Continued to increase Basic Sanitary Waste rate Pilot for diversion of construction & demolition materials (asphalt shingles, drywall and wood) from landfill Designated Materials Rate: New higher rate for mixed loads containing materials designated as recyclable (concrete, brick/masonry, asphalt and metal)
2010	\$85		<ul style="list-style-type: none"> Continued to increase Basic Sanitary Waste rate New program to divert construction & demolition materials (asphalt shingles, drywall and wood) from landfill Designated Materials Rate increased
2011	\$95		<ul style="list-style-type: none"> Continued to increase Basic Sanitary Waste rate Designated Materials Rate increased
2012	\$98		<ul style="list-style-type: none"> Designated Materials Rate increased
2013	\$102		<ul style="list-style-type: none"> Designated Materials Rate increased and added new materials: wood and drywall
2014	\$107		<ul style="list-style-type: none"> Designated Materials Rate increased
2015	\$110		<ul style="list-style-type: none"> Designated Materials Rate increased
2016	\$113		<ul style="list-style-type: none"> Bylaw requiring multi-family complexes and businesses to have onsite sorting for recyclables. Designated Materials Rate renamed: Disposal Surcharge rate and increased. Added new material: paper and cardboard
2017	\$116	\$113	<ul style="list-style-type: none"> Rate frozen at 2016 levels Bylaw requiring multi-family complexes and businesses to have onsite sorting for food and yard waste Disposal Surcharge rate increased
2018	\$119	\$113	<ul style="list-style-type: none"> Rate remains frozen at 2016 level Disposal Surcharge rate increased and added new materials: food and yard waste
2019	\$113		<ul style="list-style-type: none"> Rate to remain frozen at 2016 levels Disposal Surcharge rate increased. Remove material: asphalt shingles
2020	\$113		
2021	\$115		
2022	\$115		

*As approved at the start of the budget cycle

**Adjusted during budget cycle