

Capital Summary

List of 2019-2022 Waste Projects

Line #	Capital Projects	Appendix A Page Reference	Proposed 4 Year Capital Budget				2019-2022
			2019	2020	2021	2022	Total
Branch-wide							
1	Facilities & Infrastructure Planning & Design	6	\$ 623	\$ 467	\$ 484	\$ 477	\$ 2,051
2	Facilities & Infrastructure Project Delivery	10	5,603	4,201	4,352	4,290	18,446
3	Waste Services Infrastructure Planning and Design (IIS)	14	5,473	1,610	1,800	400	9,283
4	Waste Services Infrastructure Project Delivery (IIS)	17	3,250	14,909	35,680	42,190	96,029
5			14,949	21,187	42,316	47,357	125,807
Collection Services Facilities							
6	Collection Facilities and Infrastructure	21	2,369	-	-	-	2,369
7	Mayfield (NW) Eco Station	24	-	-	-	777	777
8			2,369	-	-	777	3,146
Sustainable Waste Processing Facilities							
9	Cure Site Land Use & Development	27	250	500	2,925	2,925	6,600
10	Groundwater Diversion	30	5,000	-	-	-	5,000
11	Material Recovery Facility Renewal (MRF)	33	411	-	-	-	411
12			5,661	500	2,925	2,925	12,011
Vehicles & Equipment							
13	Waste Containers	35	3,074	1,930	1,998	2,070	9,072
14	WM Services Equipment Acquisition	39	19,272	14,086	12,951	13,905	60,214
15			22,346	16,016	14,949	15,975	69,286
16	Total Recommended Profiles		\$ 45,325	\$ 37,703	\$ 60,190	\$ 67,034	\$ 210,250
Included in 2019 Rate Filing for Forecasting Purposes							
17	Source Separated Organics Program	43	-	19,000	18,117	17,233	54,350
18	Grand Total		\$ 45,324	\$ 56,703	\$ 78,307	\$ 84,266	\$ 264,600

Lines 1 and 2 - Facilities & Infrastructure Planning and Design Composite and Project Delivery Composite

Funding for the two profiles is recommended. These composite profiles provide capital funding for Waste Services' managed Facilities and Infrastructure projects including the capital maintenance, renewal, and upgrade of existing assets due to new or increased waste streams, safety concerns and design improvements that increase the efficiency of operations.

Lines 3 and 4 - Waste Services Planning and Design and Project Delivery Composites (IIS Managed)

Funding for the two profiles is recommended. These new composite profiles provide capital funding for planning and design and for project delivery for projects managed by Integrated Infrastructure Services (IIS). The profiles support concept level planning for major capital initiatives in accordance to the City's Project Development and Delivery Model (PDDM).

Line 6 - Collection Facilities and Infrastructure

This profile is funded and previously approved by Council. The final year of approved profile costs for the Strathcona Eco Station upgrade has been carried forward from the 2015-2018 budget cycle.

Line 7 - Mayfield (NW) Eco Station

This profile is funded and was previously approved by Council. The profile is carried forward from the 2015-2018 budget cycle for development of a new Eco Station to replace the Coronation facility. This profile will now follow the PDDM model and as such, the business case will be redeveloped at Checkpoint 3 of the PDDM. The profile includes \$13 million for delivery in 2023-2024.

Line 9 - Cure Site Land Use and Development

This profile is funded and previously approved by Council. This profile is carried forward from the 2015-2018 budget cycle for the identification and purchase of land suitable for development for an external cure site.

Line 10 - Groundwater Diversion

This profile is funded and previously approved by Council. This profile is carried forward from the 2015-2018 budget cycle for the construction of a groundwater diversion system servicing the Clover Bar Landfill to mitigate environmental hazards.

Line 11 - Material Recovery Facility Renewal

This profile is funded and previously approved by Council. This profile is carried forward from the 2015-2018 budget cycle for the purpose of capital upgrades and efficiency increases to the recyclable material processing equipment and facility.

Lines 13 and 14 - Waste Containers and Equipment Acquisition

Funding for the two profiles is recommended. The objective of these profiles are to replace existing assets at the end of their useful lives and provide funding for growth assets to support the current market conditions and the changing needs of Waste Services customers.

Line 17 - Source Separated Organics Program

This profile supports changes from the current two-stream to four-stream waste collection and associated equipment procurement. This profile is unfunded and no spending will occur until the business case and 2020 Rate Filing is approved by Utility Committee and Council in fall 2019. This profile is included in the 2019 Rate Filing for forecasting purposes to ensure sufficient collection of Pay-As-You-Go funding requirement to support this capital initiative.