



Capital Improvement Program
2022 to 2031

Major Program: **Recycling**

Project Title: **Waste & Recycling Curbside Organics Collection**

Dept - Project #: **519**

Start Year: **2022**

End Year: **2022**

<u>Description & Location</u>	<u>Purpose & Justification</u>
<p>Lethbridge City Council approved in 2016 the implementation of a bi-weekly recycling (blue cart) program. As part of this program, 34,500 households were implemented in May 2019.</p> <p>Included in the approval, Council asked administration for an implementation plan for a Curbside Organics Collection program once Curbside Recycling was completed. The Waste & Recycling Utility (WRC) would provide green cart/bin service to 34,500 single family dwelling units and 7,500 multi-family dwelling units.</p> <p>Organics Materials accepted will include:</p> <ul style="list-style-type: none"> - Food Waste - Yard Waste (small branches up to 3 ft, grass and leaves) <p>A sitting exercise has been completed and confirmed the Waste & Recycling Centre as the location of the new facility. All materials will be received at the WRC and processing will occur at the compost pad.</p> <p>The Waste & Recycling Utility will undertake the design and construction of the compost facility commencing in 2022 and the facility will be operational in spring 2023.</p> <p>The implementation of this program requires the following capital investment:</p> <ol style="list-style-type: none"> 1) Construction of compost facility 2) Purchase of carts and bins for single family and multi-family services 3) Purchase of four collection trucks <p>There is a requirement for five additional staff to support collection operations and the operations of the compost facility.</p>	<p>In July 2015 City Council approved a Waste Diversion Policy. The policy speaks to residential sector waste diversion goals of:</p> <ul style="list-style-type: none"> • 50% waste diversion rate by 2021 • 65% waste diversion rate by 2030 <p>A Residential Waste Diversion Strategy was developed and approved by City Council on November 28, 2016. This strategy creates a structure of programs that will allow the Waste & Recycling Utility to meet the waste diversion goals.</p> <p>On November 28, 2016, City Council approved a Residential Curbside Recycling program with a pilot in 2018 and full implementation in 2019. As part of the resolution, Council had the following clause: "Following the introduction of the residential curbside collection of recyclables (blue cart) in 2019, administration will prepare for council's consideration a program implementation plan for residential curbside collection of organics."</p> <p>After the successful implementation of the recycling program in May 2019, the curbside collection of organics plan was presented to Council on October 2019, and Council referred the implementation project to the 2022 to 2031 CIP deliberations.</p> <p>The execution of this CIP project is required to meet the Waste Diversion policy approved by Council.</p>

All amounts below are in thousands of dollars

	Prior	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	Total
Costs - Shareable												
Construction		10,350										10,350
Consultive Services		279										279
		10,629										10,629
Total Costs		10,629										10,629
Funding												
Grant - Federal Gas Tax Fund (FGTF)		10,629										10,629
		10,629										10,629
Total Funding		10,629										10,629
Estimated Debt Charges		0	0	0	0	0	0	0	0	0	0	0
Projected Net Operating Costs		0	3,474	3,543	3,614	3,686	3,760	3,835	3,912	3,990	4,070	
Est. GHG Emissions (t CO2e)		(510)	(1,009)	(1,497)	(1,975)	(2,443)	(2,901)	(3,349)	(3,788)	(4,217)	(4,637)	

Comments

Net increase for residential customers for the Curbside Organics Collection will be \$5/month effective in 2023.

Curbside Organics Program

About 50% of what we throw is organics, including food scraps and food-soiled paper products. In a landfill, these materials release methane, a green gas house.

Instead, we are able to recycle organics materials into a valuable resource that benefits all.



CITY OF
Lethbridge

