

# CAPITAL PROFILE REPORT

PROFILE NAME:	<b>WASTE CONTAINERS</b>	<b>FUNDED</b>
PROFILE NUMBER:	<b>CM-33-2005</b>	<b>PROFILE STAGE: Approved</b>
DEPARTMENT:	<b>City Operations</b>	<b>PROFILE TYPE: Composite</b>
LEAD BRANCH:	<b>Waste Management Services</b>	LEAD MANAGER: <b>Leo Girard</b>
PROGRAM NAME:		PARTNER MANAGER: <b>Leo Girard</b>
PARTNER:	<b>Waste Management Services</b>	ESTIMATED START: <b>January, 2015</b>
BUDGET CYCLE:	<b>2015-2018</b>	ESTIMATED COMPLETION: <b>January, 2024</b>

<b>Service Category:</b>	<b>Utilities</b>	<b>Major Initiative:</b>
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<b>GROWTH</b>	<b>RENEWAL</b>	<b>PREVIOUSLY APPROVED:</b>	<b>3,381</b>
<b>20</b>	<b>80</b>	<b>BUDGET REQUEST:</b>	<b>-</b>
		<b>TOTAL PROFILE BUDGET:</b>	<b>3,381</b>

## PROFILE DESCRIPTION

Waste container assets are required for daily operations related to residential and non-residential waste collection in Edmonton. The City of Edmonton owns front end containers for servicing the multi-family sector, side load containers for the Community Recycling Depots, litter containers, and roll-off containers for Big Bin Events and the Commercial Waste Collection program.

## PROFILE BACKGROUND

The Waste Management Utility has approximately 11,000 containers with an average 15-year lifecycle that will require replacement. New containers are also required for growth in residential and non-residential services. The majority of the containers were purchased between 2000 and 2002 and are nearing the end of their useful life. The Utility operates a container maintenance program to place containers for service, replace parts and pick up for refurbishing when required. Containers that are still structurally sound may be refurbished to extend their service life. However, some containers are damaged by fire or have other structural failures that require early replacement. The current replacement schedule is around 1,200 containers per year.

## PROFILE JUSTIFICATION

A sustainable container acquisition program is necessary to support collection service level expectations for waste and recycling services. Appropriate container management and timely acquisition of replacement and growth containers avoids asset deterioration, helps maintain customer service, enhances the appearance of the City of Edmonton and helps to control contract cost escalation.

## STRATEGIC ALIGNMENT

This project supports the business plan goals of maximizing residential waste diversion from landfill and improving efficiency and effectiveness of operations.

## ALTERNATIVES CONSIDERED

Potential alternatives to be analyzed include continue funding through capital, leasing containers, and developers of new multi family properties supply containers.

## COST BENEFITS

The alternatives were evaluated based on the demand for containers, the impact on direct operating costs, depreciation, financing expense and capital costs. Alternative 1 is slightly more than Alternative 3 but operationally simpler and provides a consistent product with the opportunity to earn an earlier return on rate base where applicable.

## KEY RISKS & MITIGATING STRATEGY

The highest risk is Alternative 2 in that there is a limited number of manufacturers or leasing companies to provide containers. Other risks evaluated for all alternatives were low to medium.

## RESOURCES

This project is lead by the Collection Project Engineer who oversees the specifications of the bins.

## CONCLUSIONS AND RECOMMENDATIONS

Continue Funding Through Capital is recommended. This will continue to manage the inventory of containers to achieve maximum life while reducing the cost of service delivery and retaining the potential to earn a return on rate base for the Utility.

## CHANGES TO APPROVED PROFILE

2017 Fall (#17-40) 2.2-24: Savings from 13-33-2020, 16-33-2017, CM-33-2005 and CM-33-2019 totaling \$20,275,500 will be released. These savings will be used to cover additional budget requirement for the Landfill Capping and Revegetation, Planning & Design and Groundwater Diversion initiatives. As a result, the re-costing of the Landfill Capping and the new profiles for the Planning & Design and Groundwater Diversion will not require additional overall Waste Utility budget funding.

# CAPITAL PROFILE REPORT

PROFILE NAME: **Waste Containers**

**FUNDED**

PROFILE NUMBER: **CM-33-2005**

PROFILE TYPE: **Composite**

BRANCH: **Waste Management Services**

## CAPITAL BUDGET AND FUNDING SOURCES (000's)

	Prior Years	2023	2024	2025	2026	2027	2028	2029	2030	2031	Beyond 2031	Total
APPROVED BUDGET	Approved Budget											
	Original Budget Approved	9,973	-	-	-	-	-	-	-	-	-	9,973
	2015 Cap Carry Forward	-	-	-	-	-	-	-	-	-	-	-
	2016 Cap Carry Forward	-	-	-	-	-	-	-	-	-	-	-
	2017 Cap Council	-3,148	-	-	-	-	-	-	-	-	-	-3,148
	2017 Cap Carry Forward	-1,920	-	-	-	-	-	-	-	-	-	-1,920
	2018 Cap Council	-1,000	-	-	-	-	-	-	-	-	-	-1,000
	2018 Cap Release to Corp Pool	-524	-	-	-	-	-	-	-	-	-	-524
	Current Approved Budget	3,381	-	-	-	-	-	-	-	-	-	3,381
	Approved Funding Sources											
Self-Liquidating Debentures	3,381	-	-	-	-	-	-	-	-	-	3,381	
Current Approved Funding Sources	3,381	-	-	-	-	-	-	-	-	-	3,381	

BUDGET REQUEST	2023	2024	2025	2026	2027	2028	2029	2030	2031	Beyond 2031	Total
Budget Request	-	-	-	-	-	-	-	-	-	-	-

REVISED BUDGET (IF APPROVED)	2023	2024	2025	2026	2027	2028	2029	2030	2031	Beyond 2031	Total
Revised Budget (if Approved)	3,381	-	-	-	-	-	-	-	-	-	3,381
Requested Funding Source											
Self-Liquidating Debentures	3,381	-	-	-	-	-	-	-	-	-	3,381
Requested Funding Source	3,381	-	-	-	-	-	-	-	-	-	3,381

## CAPITAL BUDGET BY ACTIVITY TYPE (000's)

REVISED BUDGET (IF APPROVED)	Activity Type	Prior Years	2023	2024	2025	2026	2027	2028	2029	2030	2031	Beyond 2031	Total
	Equip FurnFixt	3,381	-	-	-	-	-	-	-	-	-	-	3,381
	Total	3,381	-	-	-	-	-	-	-	-	-	-	3,381

## OPERATING IMPACT OF CAPITAL

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-