

TOWN OF AURORA CORPORATE WASTE AUDITS AND REDUCTION PLAN



PROJECT INTRODUCTION

CORPORATE WASTE AUDITS AND REDUCTION PLAN



Key Objectives



Project Approach





TOWN FACILITIES AND AUDIT LOCATIONS

CORPORATE WASTE AUDITS

Waste Audit Locations	Location Names
Corporate Facilities	<ul style="list-style-type: none"> • Joint Operations Centre (JOC) • Stronach Aurora Recreation Complex • Aurora Town Hall • Aurora Senior Centre • Aurora Town Square
Public Bins	<ul style="list-style-type: none"> • Parks (Leisure Complex (Arboretum Trail And Lambert Park), Edward Coltham Park, Fleury Park, Machell Park) • Roadside bins (5 bins selected, mainly on Yonge St, between Wellington St and Church St)
Town Event	<ul style="list-style-type: none"> • The Arctic Adventure (February 14 & 16)

OVERVIEW OF CURRENT WASTE MANAGEMENT SYSTEM



EXISTING CORPORATE DIVERSION PRACTICES

CORPORATE & PUBLIC EVENTS

INDOOR EVENTS

- Reusable tableware, linens, glassware and utensils through contractor
- No bottled water (water coolers and paper cups)
- If disposable items are required, they must be compostable

OUTDOOR EVENTS

- Food vendors required to use compostable tableware

RIBFEST

- Two main waste stations with 3 streams
- Problem with contamination – GFL puts all in garbage stream

CORPORATE FACILITIES

STAFF

- Corporate E-waste collection and disposal; managed by IT
- Ink cartridge recycle program
- Three stream waste bins with signage; high contamination rates
- Water bottle refilling stations
- Successful cardboard recycling program with GFL
- Successful Senior Centre composting program

VENDORS

- No supply of plain bottled water in vending machines; flavoured water available
- Vending machines sell reusable bottles

OUTDOOR SPACES

OUTSIDE FACILITIES, PARKS, ROADS

- Three stream receptacles
- Some garbage only
- Maintenance/landscaping material sent to JOC compost system

DOG WASTE PILOT PROJECT

- In-ground waste receptacles installed in 11 park/trail locations
- Approx. 30 tonnes per annum diverted from landfill



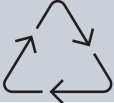


SOLID WASTE AUDITS

WASTE AUDIT RESULTS OVERVIEW

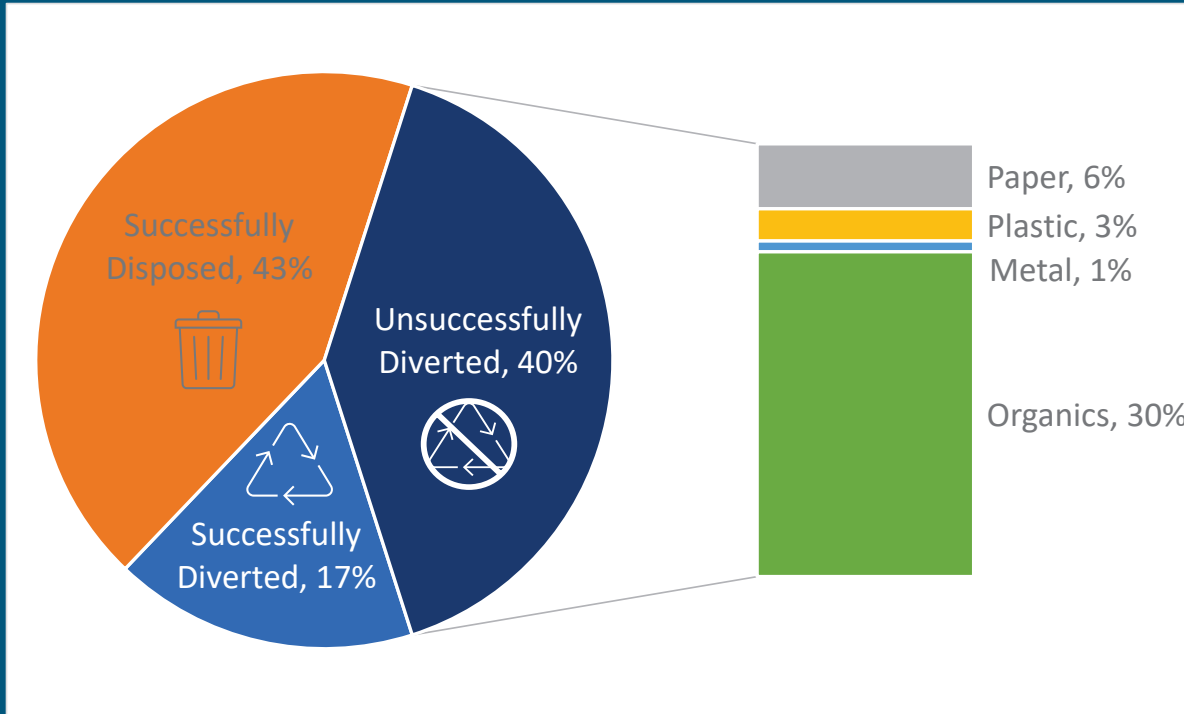
Location	Garbage Audited (kg)	Recycling Audited (kg)	Organics Audited (kg)	Diversion Rate (%)	Capture Rate (%)
Joint Operations Centre (JOC)	8	4	1	17	30
Stronach Aurora Recreation Complex	30	15	0	1	1
Aurora Town Hall	3	5	1	12	14
Aurora Senior Centre	14	3	2	23	26
Aurora Town Square	17	9	0	5	6

*Numbers have been rounded; percentages reflect diversion and capture rates based on actual values

DEFINITIONS

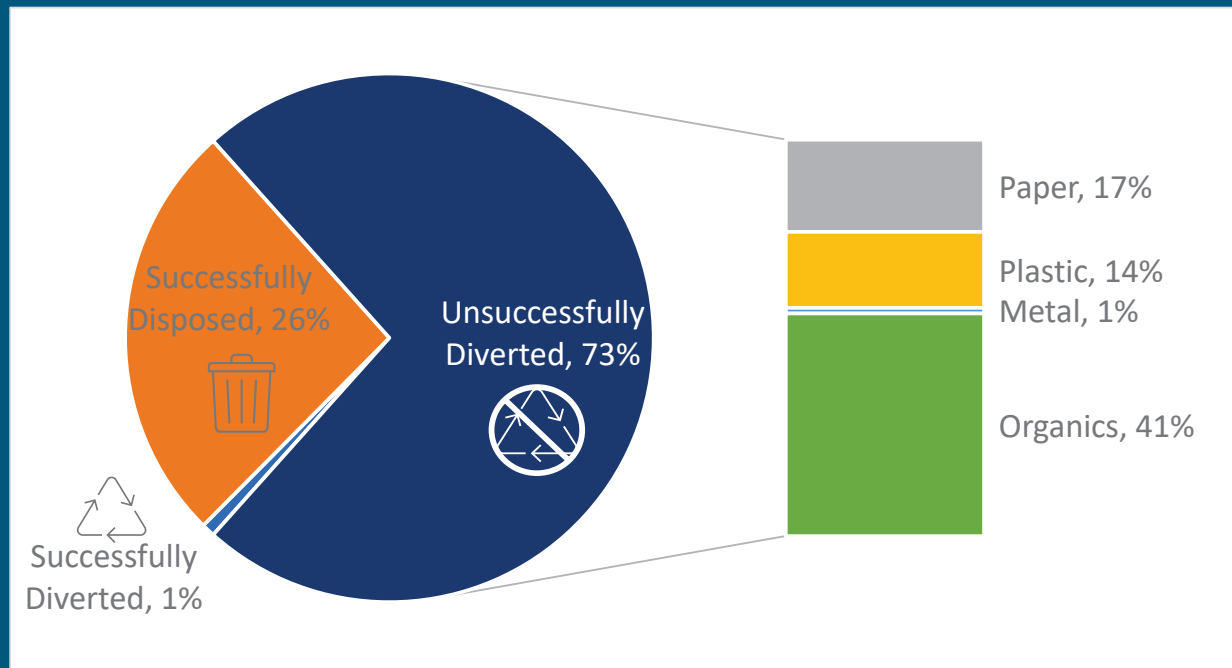
Term	Symbol	Definition
Successfully Diverted		Waste materials that can be redirected from landfill through recycling, composting, or reuse programs.
Successfully Disposed		Waste that cannot be redirected from landfill through diversion programs and is disposed of in landfill.
Unsuccessfully Diverted		This term refers to both Blue Box and green cart items being disposed of in the garbage or showing up as contamination in the wrong diversion program.

JOINT OPERATIONS CENTRE



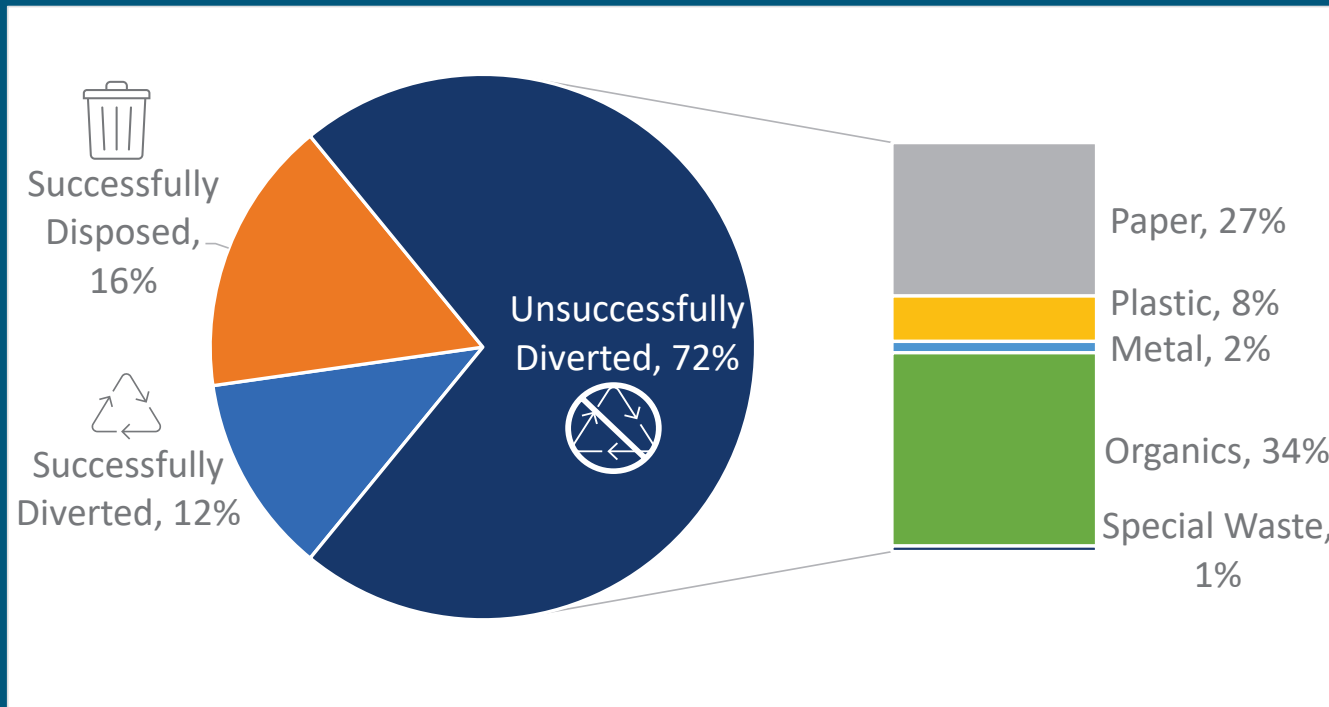
Total Annual Waste Generated: 4,894 kg

STRONACH AURORA RECREATION COMPLEX



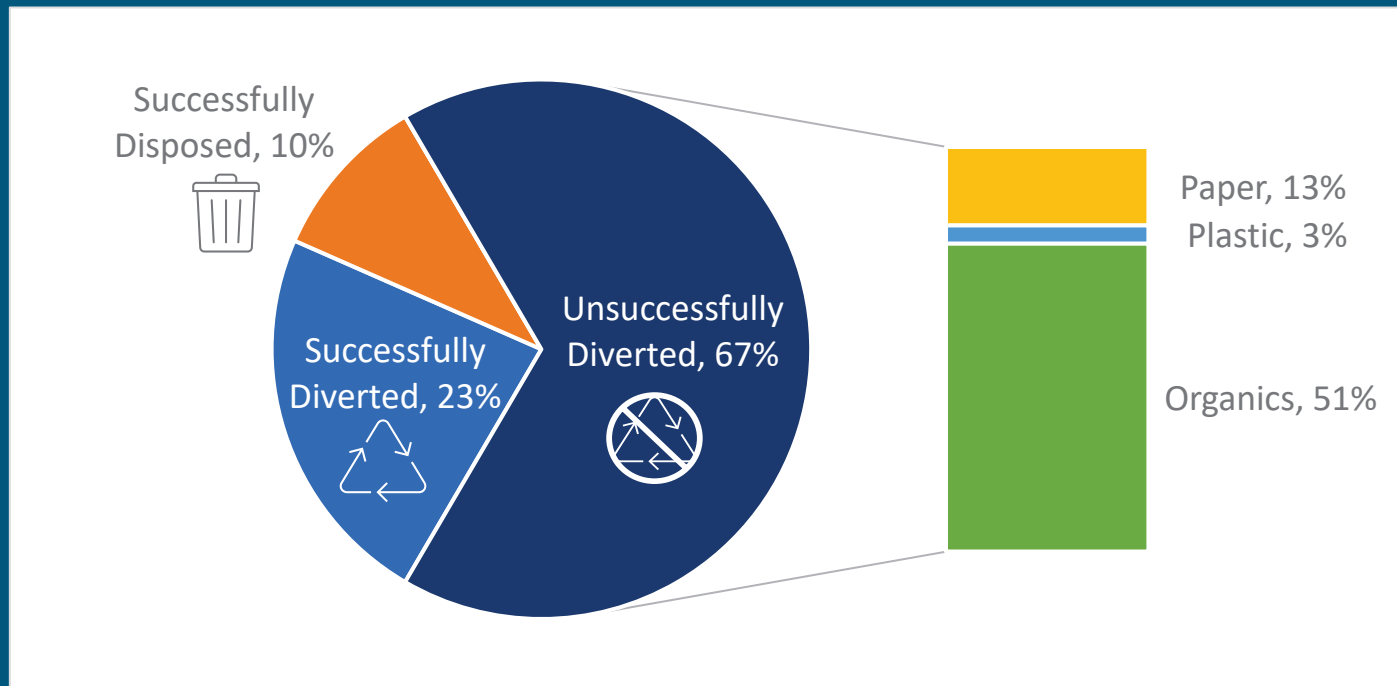
Total Annual Waste Generated: 16,218 kg

AURORA TOWN HALL



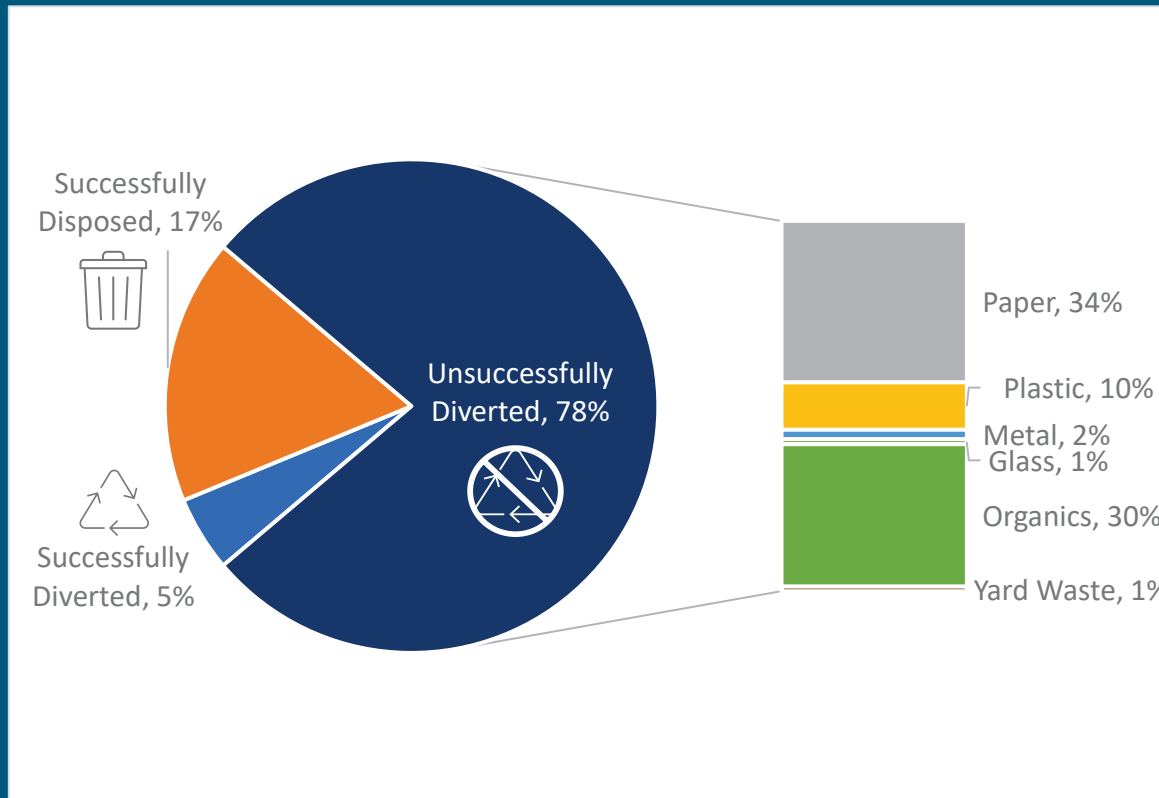
Total Annual Waste Generated: 2,390 kg

AURORA SENIOR CENTRE



Total Annual Waste Generated: 6,792 kg

AURORA TOWN SQUARE



Total Annual Waste Generated: 12,057 kg

PARK, ROAD, & EVENT RECEPTACLES

Locations	Results
Aurora Town Park - Arctic Adventure	Data review in progress
Leisure Complex (Arboretum Trail and Lambert Park)	Data review in progress
Edward Coltham Park	Data review in progress
Fleury Park	Data review in progress
Machell Park	Data review in progress
Old Post Office – Wellington Street North	Data review in progress
15222 Yonge Street (walkway to Temperance)	Data review in progress
Yonge St. and Church Street	Data review in progress
Yonge St. and Mosley	Data review in progress
15213 Yonge Street (old Town hall)	Data review in progress

ONGOING MONITORING FRAMEWORK



CORPORATE WASTE AUDITS

- ONGOING WASTE AUDITS FOR FACILITIES AND PUBLIC BINS IS RECOMMENDED EVERY 1-3 YEARS
 - 1 YEAR IS BEST PRACTICE
- METHODOLOGY TO FOLLOW PREVIOUS WASTE AUDIT PROCESSES FOR REPEATABILITY AND COMPARABLE RESULTS
- CONTINUED DATA MANAGEMENT OF DOG WASTE PROGRAM
- REPORTING AND ACCOUNTABILITY
 - ON-SITE PROGRAM MONITORING
 - INTERNAL REPORTING AND ESCALATION FRAMEWORK

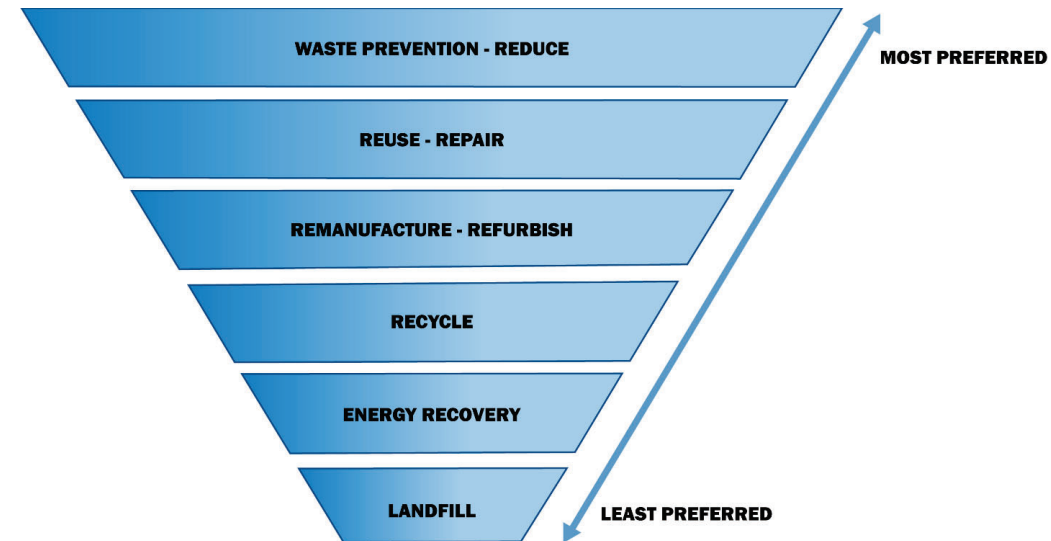




WASTE REDUCTION STRATEGY OVERVIEW

STRATEGY PRINCIPLES AND ALIGNMENT

- ALIGN WITH NET-ZERO EMISSIONS BY 2050
- FOLLOW WASTE HIERARCHY, PRIORITIZING WASTE REDUCTION/ AVOIDANCE/ PREVENTION
- FOCUS ON OPERATIONALLY FEASIBLE AND COST-EFFECTIVE SOLUTIONS
 - PROPOSED EDUCATION AND OUTREACH
 - INTERNAL STAFF AWARENESS OPPORTUNITIES
 - PUBLIC-FACING MESSAGING
 - ROLE OF SIGNAGE, DIGITAL TOOLS, AND EVENTS
- ADDITIONAL REDUCTION STRATEGIES



DISCUSSION POINTS

What is your experience with corporate waste bins in public spaces (ie. Town facilities, parks, and roads)?

What education tools do you think would be most impactful to the public in terms of proper waste diversion at Town locations?

What do you think is working in terms of the Town's corporate waste management practices? What are areas of improvement?

What strategies can the Town explore to increase successful waste diversion at corporate locations?

THANK YOU

AET Group
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