



Reduction of Single-use Items in City Facilities & Operations Policy Overview

EAC: November 7th 2023

Presented By: Eileen Chen, Coordinator,
Environmental Initiatives

Background

- More than 10 thousand tonnes of plastics find their way into the Great Lakes each year
 - 50% of all manufactured plastics are single-use
 - Increase litter in parks, along the shorelines of Lake Ontario and other local water streams
 - Plastic litter is broken down to microplastics which has adverse affect on aquatic and human health



Source: Environment and Climate Change Canada



Key Drivers

2018 Council Decision



CoM commitments:

- Educate and promote the reduction of waste with a focus on single-use plastics (SUP)
- Reduce SUPs from use or purchase within internal operations

2022 Federal Plastic Ban



Prohibit the manufacture, import and sale of:

- Plastic checkout bags
- Problematic plastics (foam)
- Cutlery
- Ring carriers
- Stir sticks and straws

Mississauga Environmental Protection



Waste and litter management & reduction efforts guided by:

- Corporate Zero Waste Strategy
- Circular Economy Roadmap
- Climate Change Action Plan

City Actions

- Replacing single-use dishware with washables in City Facilities
- Catering services offering reusable options
- Litter clean-ups
- Water related programs:
 - Seabins, fishing line recycling
- 12 waste diversion programs:
 - Paper shredding, Civic Centre organics



Policy Purpose

- Limit the purchase and use of common single-use items in City facilities and operations
 - Lead to changes in procurement decisions
 - Comply with Federal ban
- Educate staff and provide tools for sourcing alternatives
 - Reduction of Single-use Items Guidebook



Source: Government of Canada



Source: District Municipality of Muskoka

Next Steps in Policy Implementation

- Internal Communication and Marketing Plan
- Create baseline of single-use items to develop key performance indicators:
 - Using procurement services
 - Waste composition studies
- Internal Stakeholder Training
 - Procurement, Food Services and Culture & Recreation





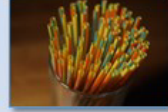


Central Library Reno



Reduction of Single-use Items Guidebook

- Provides recommendations and alternatives to federally banned single-use plastics
- Other items for reduction
 - Disposable coffee pods
 - Paper towels
 - Hot and cold beverage cups
 - Giveaways
 - Single-use condiments
- Special events and Meetings
- Surplus Assets Solutions

Recommendations	Federal Banned Plastic Items				
	Checkout Bags	Cutlery	Expanded Polystyrene Foam Products	Stir Sticks	Straws
					
Alternatives	<ul style="list-style-type: none"> • Reusable bags • Paper bags • Compostable bags 	<ul style="list-style-type: none"> • Reusable cutlery • Wooden/bamboo cutlery 	<ul style="list-style-type: none"> • Reusable containers and cups • Compostable containers and cups 	<ul style="list-style-type: none"> • Reusable cutlery • Wooden/bamboo stir stick 	<ul style="list-style-type: none"> • Reusable straws • Paper/compostable straws
Reduction	<ul style="list-style-type: none"> • Providing upon request • Adding fees • Cost or product incentives 	<ul style="list-style-type: none"> • Using reusables • Purchasing alternative materials • Adding fees • Providing washing stations • Cost or product incentives 	<ul style="list-style-type: none"> • Using reusables • Purchasing alternative materials • Adding fees • Providing washing stations 	<ul style="list-style-type: none"> • Using reusables • Purchasing alternative materials • Adding fees • Cost or product incentives 	<ul style="list-style-type: none"> • Providing upon request • Using reusables • Using alternative materials • Adding fees • Providing washing stations
Recyclable/ Compostable	<ul style="list-style-type: none"> • Paper bags recyclable in City of Mississauga • Only certified compostable bags accepted in compost program 	<ul style="list-style-type: none"> • Recyclable options currently unavailable • Wood/Bamboo as compostable 	<ul style="list-style-type: none"> • #1 Plastic PET as recyclable alternative • Only certified compostable packaging accepted in compost program 	<ul style="list-style-type: none"> • Recyclable options currently unavailable • Wood/Bamboo as compostable 	<ul style="list-style-type: none"> • Recyclable options currently unavailable • Paper as compostable

Next Steps

Recommendation:

That the Environmental Action Committee support the Reduction of Single-use Items in City Facilities & Operations policy

Thank You!

Diane Gibson, Supervisor, Environmental Sustainability
Eileen Chen, Environmental Initiatives Coordinator

living.green@mississauga.ca

www.ownyourlitter.ca