Tackling Single-Use Items in the Region

PLASTICS AND BEYOND

Karen Storry

SENIOR PROJECT ENGINEER, SOLID WASTE SERVICES

Sustainability Breakfast, October 10, 2019

33036740
## Single-Use Items Disposed

Equivalent to 440 items per person a year

<table>
<thead>
<tr>
<th>Single-Use Item Type</th>
<th>Items Disposed (millions)</th>
<th>% by weight of overall composition</th>
</tr>
</thead>
<tbody>
<tr>
<td>Retail Bags</td>
<td>256</td>
<td>0.9%</td>
</tr>
<tr>
<td>Disposable Cups</td>
<td>262</td>
<td>0.6%</td>
</tr>
<tr>
<td>Takeout Containers</td>
<td>179</td>
<td>0.7%</td>
</tr>
<tr>
<td>Straws</td>
<td>102</td>
<td>&lt;0.1%</td>
</tr>
<tr>
<td>Utensils</td>
<td>331</td>
<td>0.1%</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>1.1 billion</strong></td>
<td><strong>2.4%</strong></td>
</tr>
</tbody>
</table>
Total Single Use Items Disposed By Sector (Millions)

- Single-Family: 158
- Multi-Family: 371
- Commercial: 495

Legend:
- Retail Bags (Paper and Plastic)
- Cups
- Takeout Containers
- Straws
- Utensils
Single-Use Item Material Types

- Plastic: 57%
- Plastic-Lined Paper: 22%
- Paper: 19%
- Wood: 2%
Metro Vancouver Single-Use Item Reduction

• Website
• Board Correspondence
  • Support for province-wide single-use item reduction strategy
  • Clear authority for municipalities to restrict sale and use of single-use items in absence of province-wide approach
• Toolkit
  • Resources for municipalities
  • Target to publish by end of 2019
## Single-Use Policy and Regulatory Options

<table>
<thead>
<tr>
<th>Bags</th>
<th>Cups</th>
<th>Containers</th>
<th>Straws</th>
<th>Utensils</th>
</tr>
</thead>
<tbody>
<tr>
<td>By Request</td>
<td>By Request</td>
<td>By Request</td>
<td>By Request</td>
<td>By Request</td>
</tr>
<tr>
<td>Only Only</td>
<td>Only Only</td>
<td>Only Only</td>
<td>Only Only</td>
<td>Only Only</td>
</tr>
<tr>
<td>Mandatory</td>
<td>Mandatory</td>
<td>Mandatory</td>
<td>Mandatory</td>
<td>Mandatory</td>
</tr>
<tr>
<td>Fee</td>
<td>Fee</td>
<td>Fee</td>
<td>Fee</td>
<td>Fee</td>
</tr>
<tr>
<td>Ban</td>
<td>Ban</td>
<td>Ban</td>
<td>Ban</td>
<td>Ban</td>
</tr>
<tr>
<td>Require</td>
<td>Require</td>
<td>Require</td>
<td>Require</td>
<td>Require</td>
</tr>
<tr>
<td>Reusable</td>
<td>Reusable</td>
<td>Reusable</td>
<td>Reusable</td>
<td>Reusable</td>
</tr>
</tbody>
</table>

By Request Only

Mandatory Fee

Ban

Require Reusable
Business Innovations

- Reusable as default
- No disposables
- Cup-share and container-share programs
- Fees and larger discounts
- Skip the line
- Mug library
- By request
- Food delivery providers requiring ‘opt-in’ for disposables
Thank You