



City of Hamilton
WASTE MANAGEMENT
ADVISORY COMMITTEE
AGENDA

Meeting #: 20-002
Date: August 26, 2020
Time: 10:00 a.m.
Location: Due to the COVID-19 and the Closure of City Hall
All electronic meetings can be viewed at:
City's YouTube Channel:
<https://www.youtube.com/user/InsideCityofHamilton>

Hayley Court-Znottka, Administrative Secretary, Environmental Services (905) 546-2424 ext.2040

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1. APPROVAL OF AGENDA	
(Added Items, if applicable, will be noted with *)	
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6.2 2012 Solid Waste Management Master Plan Status of Objectives	

7. STAFF PRESENTATIONS

8. DISCUSSION ITEMS

8.1 2020 Waste System Contract Planning

8.1.a Operations and Maintenance of the Material Recycling Facility
Request for Proposals

8.1.b Waste Collection Services Request for Proposals

8.1.c Central Composting Facility Request for Proposals

8.2 Waste-Free Ontario Act Updates

8.2.a Blue Box Transition

8.2.b Battery Program

8.2.c Municipal Hazardous or Special Waste

8.3 Operations Update

8.3.a Promotion and Education

8.3.b Blue Box Recycling Audits / Contamination

8.3.c COVID-19 Collections and Processing Impacts

8.4 Single-Use Plastics Strategy

8.5 Solid Waste Management By-law Update

9. NOTICES OF MOTION

10. MOTIONS

11. GENERAL INFORMATION / OTHER BUSINESS

12. ADJOURNMENT



Hamilton

**MINUTES
WASTE MANAGEMENT ADVISORY COMMITTEE**

Monday February 3, 2020

9:30 a.m.

Room 264, 2nd Floor

City Hall

71 Main Street West, Hamilton

Present: Chair: Councillor Maria Pearson
Vice-Chair: Councillor John-Paul Danko
Members: Councillor Nrinder Nann
Kevin Hunt
Lynda Lukasik
Secretary: Hayley Court-Znottka

Also Present: Craig Murdoch, Director of Environmental Services
Angela Storey, Manager of Business Programs
Catherine McCausland, Manager of Recycling & Waste Disposal
Rob Conley, Senior Project Manager, Landfills
Ryan Kent, Senior Project Manager, Waste Planning
Raffaella Morello, Senior Project Manager, Waste Planning
Glenn Watt, Project Manager, Waste Collections
Mike Stelmach, Project Manager, Contract Operations

1. APPOINTMENT OF COMMITTEE CHAIR AND VICE-CHAIR FOR 2020

(Lukasik/Nann)

- (a) That Councillor Pearson be appointed as Chair of the Waste Management Advisory Committee for 2020; and,
- (b) That Councillor Danko be appointed as Vice-Chair of the Waste Management Advisory Committee for 2020.

CARRIED

2. CHANGES TO THE AGENDA

**Waste Management Advisory Committee
Minutes**

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There were no changes to the agenda.

3. DECLARATIONS OF INTEREST

There were no declarations of interest.

4. APPROVAL OF MINUTES OF PREVIOUS MEETING

4.1 November 28, 2019

(Danko/Pearson)

That the Minutes of the November 28, 2019 meeting of the Waste Management Advisory Committee be approved, as presented.

CARRIED

5. DELEGATION REQUESTS

6. CONSENT ITEMS

**(i) 2012 Solid Waste Management Master Plan Status of Objectives
(Item 6.1)**

Staff reviewed the status of the 2012 Solid Waste Management Master Plan Recommendations.

7. PRESENTATIONS

8. DISCUSSION ITEMS

(i) 2020 Waste System Contract Planning (Item 8.1)

(a) Material Recycling Facility Request for Proposals

The Award of Request for Proposals C11-12-19, Operations and Maintenance of the Material Recycling Facility report is included as a Discussion Item on the February 5, 2020 General Issues Committee agenda. The appendices of the report will be discussed in-camera.

(b) Waste Collections Request for Proposals

The Waste Collections Request for Proposals was released on December 23, 2019 and will close on February 14, 2020. RFP C11-55-19 will maintain the current level of service, with the exception of the removal of Leaf and Yard Waste collection during the winter.

Staff will prepare a Recommendation Report for Public Works Committee in Q2 2020.

(c) Central Composting Facility Request for Proposals

The current contract for the operations and maintenance of the Central Composting Facility will expire on December 31, 2020. Staff are currently developing the Request for Proposals (RFP) and are anticipating it to be released in Q1 2020.

An in-house bid team has been established to submit a bid to the RFP.

(ii) Waste-Free Ontario Act Updates (Item 8.2)

(a) Blue Box Transition

Staff are currently participating in stakeholder meetings held by the Ministry of Environment, Conservation and Parks regarding the Blue Box Transition. At these meetings stakeholders are reviewing the materials to be designated, the definition of residential sources, collection service level standards and material capture targets.

The Association of Municipalities of Ontario has requested that municipalities provide a Council resolution by June 30, 2020 which outlines the preferred transition year and if the municipality will continue to provide services or not. Staff are currently preparing a report for Public Works Committee to recommend a preferred transition year for the City of Hamilton.

(iii) Operations Update (Item 8.3)

(a) Promotion and Education

A copy of the 2020 / 2021 Recycling & Waste Guide was provided to Committee Members for review. The new guides will be mailed to residents in March.

As part of the Solid Waste Management Master Plan Review, a public consultation period has been ongoing since January 6, 2020 and will close on February 7, 2020.

(b) Blue Box and Green Bin Enforcement Update

Staff reviewed the data of the number of properties reported to have leaf and yard waste in the green bin since the implementation

of the ban in April 2019. As of the first week of January, 97.34% of material in the green bin was source separated organics and only 0.49% of material was leaf and yard waste and 0% was grass. Visual audits of material coming into the Central Composting Facility will continue.

Staff provided data on the decline in the number of properties that were reported as having black plastic / Styrofoam in the blue box / cart since these materials were removed from the blue box program in the fall of 2019. Staff will arrange visual audits of materials coming into the Material Recycling Facility.

(iv) Solid Waste Management Master Plan Review Update (Item 8.4)

(a) Single-Use Plastics Strategy

Staff reviewed the various categories that are being investigated for a Single-use Plastics Strategy for the City of Hamilton. These categories include:

- Bans in City facilities / work locations / public spaces
- Incentives for customers to bring reusable containers to City food booths
- Infrastructure accessibility at City facilities and public spaces
- Procurement support for City wide contracts
- Promotion and education campaigns for residents and businesses
- Alignment with the Corporate Climate Change Goals
- Continued study of alternatives to plastics products; staff are currently conducting a second test of alternative products at the CCF and provided visuals of these tests
- Legislation and Municipal updates; staff reviewed current federal and provincial legislation that will have an impact on the City's strategy

(b) Update on Solid Waste Management Master Plan Review

The public consultation period for the Solid Waste Management Master Plan (SWMMP) Review is currently being undertaken. Public consultation includes an online survey that is currently available for residents to complete and four Focus Group sessions that will involve single-family and multi-residential residents, as well as local businesses.

The results of the public consultation will be presented during the next Waste Management Advisory Committee (WMAC) meeting.

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The draft SWMMP will be presented during the June WMAC meeting, with the final plan to be reported to Council in Q3 2020.

(v) Upcoming Council Reports (Item 8.5)

(a) Waste Audits and Recycling in City of Hamilton Public Space Locations

Waste audits were completed in 2019 to assess materials and contamination rates in public space recycling containers in parks, along streets and at transit stops in the downtown area. The audit showed high contamination ranging from 36% to 56% in the containers.

Staff have prepared an Information Report for the Public Works Committee on February 21, 2020 that supports continuing to offer recycling containers at staffed City parks, with street side litter containers in existing BIA locations, and at Transit stops with multi-sort litter containers. It is not recommended to expand the recycling programs until all impacts of the Blue Box Transition are known.

(vi) Automotive Materials Stewardship Amending Agreement (Item 8.6)

The current Municipal Automotive Materials Services Agreement expires on March 31, 2020. Through Report PW15060, the General Manager of Public Works, in consultation with the Waste Management Advisory Committee, is authorized to approve amendments to the Agreement. The amending agreement will allow the AMS to continue to provide payments to municipalities for the collection of automotive materials such as antifreeze, oil containers, oil filters, etc.

(Hunt/Danko)

That the above-noted Discussion Items from Staff, be received.

CARRIED

9. GENERAL INFORMATION / OTHER BUSINESS

10. ADJOURNMENT

(Danko/Hunt)

That, there being no further business, the meeting be adjourned at 10:28 a.m.

CARRIED

Form: Request to Speak to Committee of Council

Submitted on Sunday, March 1, 2020 - 5:28 am

==Committee Requested==

Committee: Waste Management Advisory Committee

==Requestor Information==

Name of Individual: Femi Afolabi

Name of Organization: Revelations Products

Contact Number: 9053615836

Email Address: femia@revelationsproducts.com

Mailing Address: [REDACTED]

Reason(s) for delegation request:

I would like to request a meeting with the Mayor (or appropriate staff/committee member) pertaining to a sustainability program that could significantly reduce the number of disposable cutleries that are used in Hamilton and end up as waste in landfills, or are incinerated. Currently, plastic cutleries being used in public dining areas often in malls, high schools, and fast food outlets are obtained from petroleum sources through unsustainable production practices, and often after a single use trashed, as they cannot be recycled. Even compostable plastic cutleries need to be processed specially in order to decompose within months, otherwise they do not provide the intended benefits and can even contaminate recycled plastic feeds (Please review the CBS News Investigation in this YouTube link:

<https://www.youtube.com/watch?v=8qCtfkTJxbQ&feature=youtu.be&t>).

These practices are not sustainable as landfill space is limited, and the option of incineration poses its own environmental challenge.

The eco-friendly program, Revelations' Disposable Cutlery Sustainability Program, being offered by Revelations Products in Mississauga, aims to reduce plastic waste and can be implemented without processing costs to the city. Through this program, businesses are supplied with compostable cutleries made from raw materials obtained from crops.

Revelations collects and converts the used cutleries to compost within our facility. This compost is used on local farms to grow crops.

Our goal is to have the program running in Southern Ontario by spring 2020, however, participation by a certain number of cafeterias and fast food outlets will be important in reaching this goal. Despite the program being simple to implement and our compostable cutleries' cost being competitive with costs of other disposable cutleries currently in use, our local marketing efforts have been challenging as several of the relevant local businesses contacted are not showing interest / willing to take any action to address this sustainability issue.

I will like to seek the assistance of the Mayor's office in helping to bring this issue to light, and promote our simple sustainable business idea which helps to protect our environment, and could help the city realize significant sustainability goals. Perhaps with this assistance, it would be possible to introduce these sustainable cutleries to those public dining areas in which the Mayor's office has influence.

This assistance could be in the form of simply networking and making recommendations. Kindly advise me on next steps in raising this issue with the Mayor.

Will you be requesting funds from the City? No

Will you be submitting a formal presentation? Yes



DISPOSABLE CUTLERY SUSTAINABILITY PROGRAM



Revelations Products
www.revelationsproducts.com
1102 Orchard Road
Mississauga, Ontario L5E 2N9, Canada
Phone: (905) 361-5836



Introduction

Revelations' Disposable Cutlery Sustainability Program is a new environmentally sustainable approach to providing disposable plastic cutlery to restaurants in Southern Ontario. This program begins with the growing of crops for plastic manufacture, converting the plastic raw material (made from crops) into disposable cutlery, collecting and converting used cutlery into compost, and returning the compost to farms where it is used to grow more crops. Even compostable plastic cutleries need to be processed specially in order to decompose within months, otherwise they do not provide the intended benefits and can even contaminate recycled plastic feeds.

A CBS News Report studied the path of several used compostable cutleries in the United States, and found that these cutleries were ending up in landfills. Although compostable, these cutleries still need to be processed in certain conditions to biodegrade and become the eco-friendly solutions intended. Revelations' program involves collecting the used compostable cutleries and converting them to compost within our facility. The CBS News Report can be accessed on You Tube (Compostable utensils: Not quite what they claim to be) at this link:

<https://www.youtube.com/watch?v=8qCtfkTJxbQ>



Revelations Products

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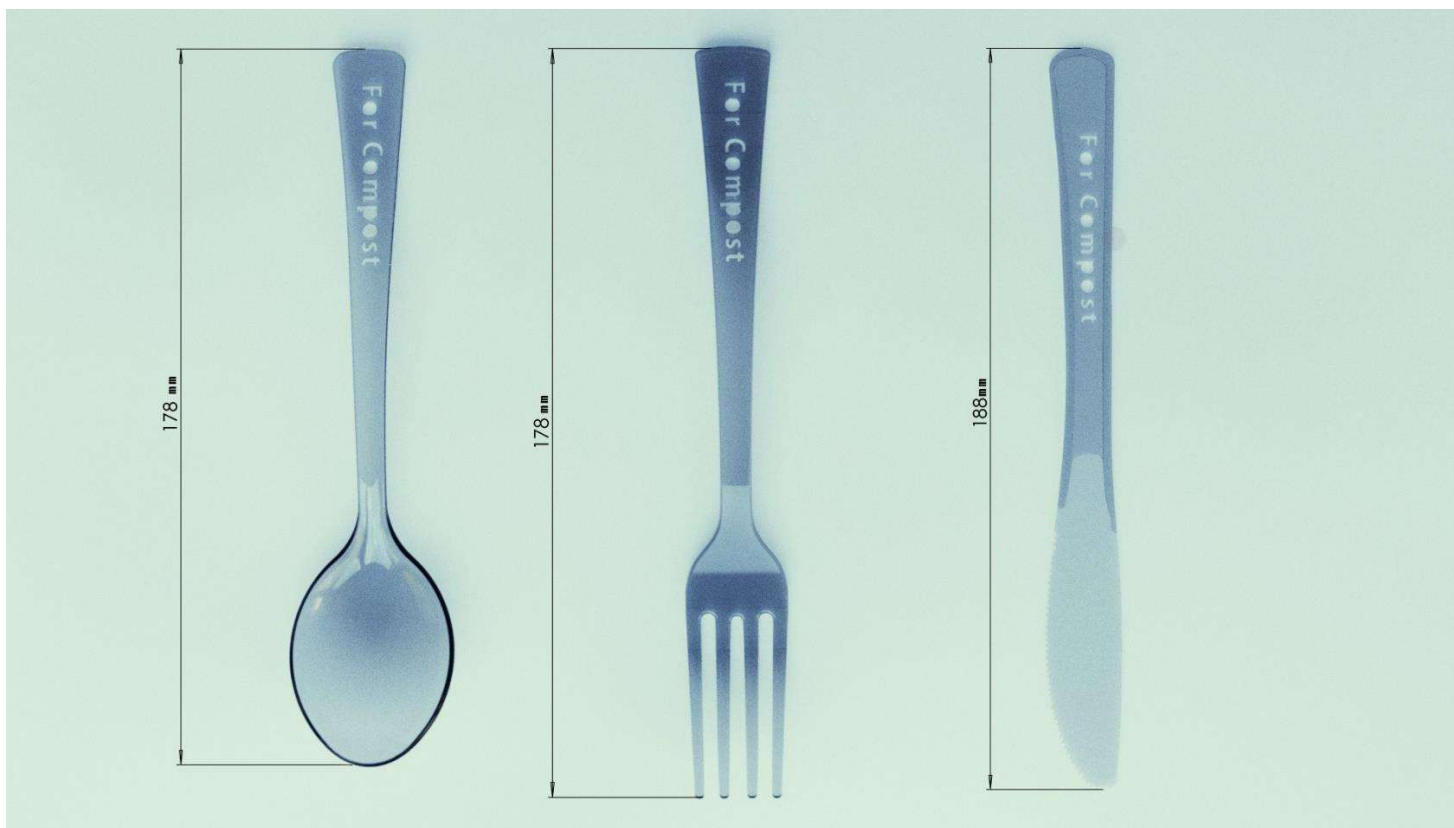


Benefits of Revelations' Disposable Cutlery Sustainability Program

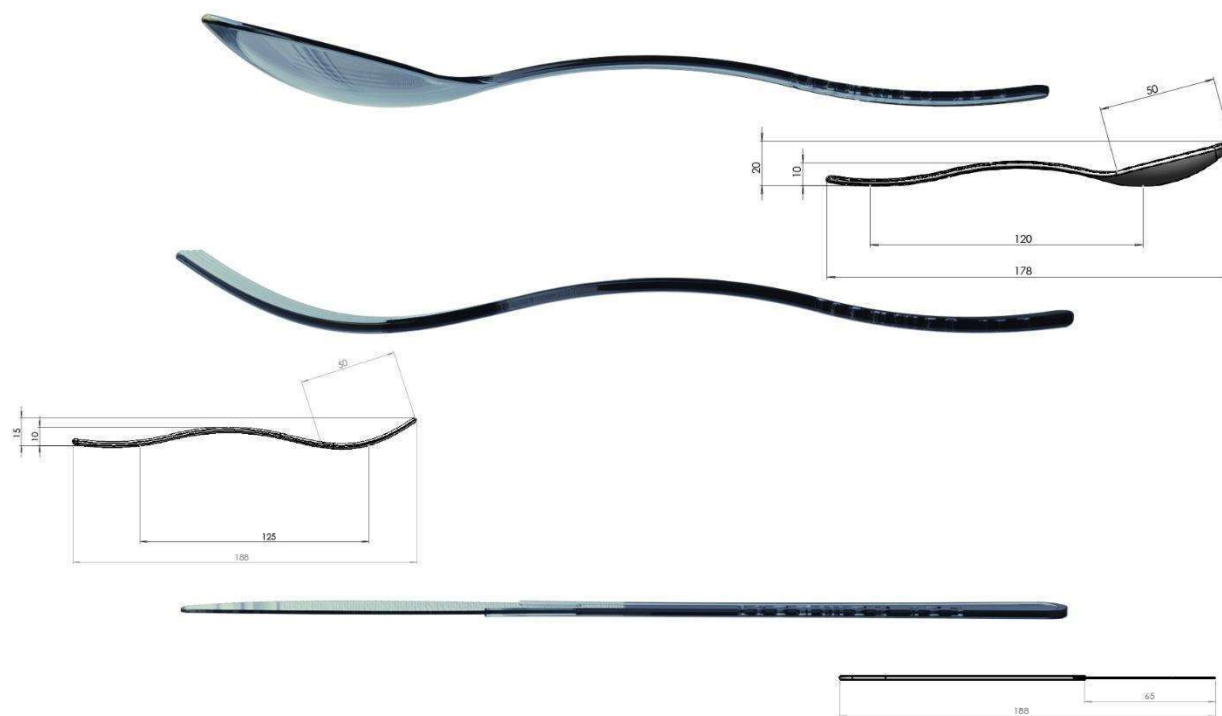
- Revelations manufactures and supplies restaurants with **disposable cutleries that can be composted, at competitive prices** to other disposable cutleries that typically end up in landfills or incinerated thereby polluting the air.
- Eco-friendly cutleries are made from crops (potatoes, sugar cane, corn, wood bark, or corn husk), and **are not petroleum-derived products**.
- Restaurant guests are encouraged to dispose of their used cutlery in Revelations' specially-marked Collection Boxes. Used cutlery are regularly picked up and converted into compost at Revelations' facility. This compost is supplied to farms for use in growing new crops. This helps restaurants move towards **more environmentally-friendly operations**.
- Customers enjoy **cost savings from our free delivery and collection services** in Southern Ontario.
- Revelations' used cutlery collection boxes and bags help to **reduce customers' waste**.
- Revelations' cutlery sets are **available in several colors**.



MEASUREMENTS IN MILLIMETERS (MM)

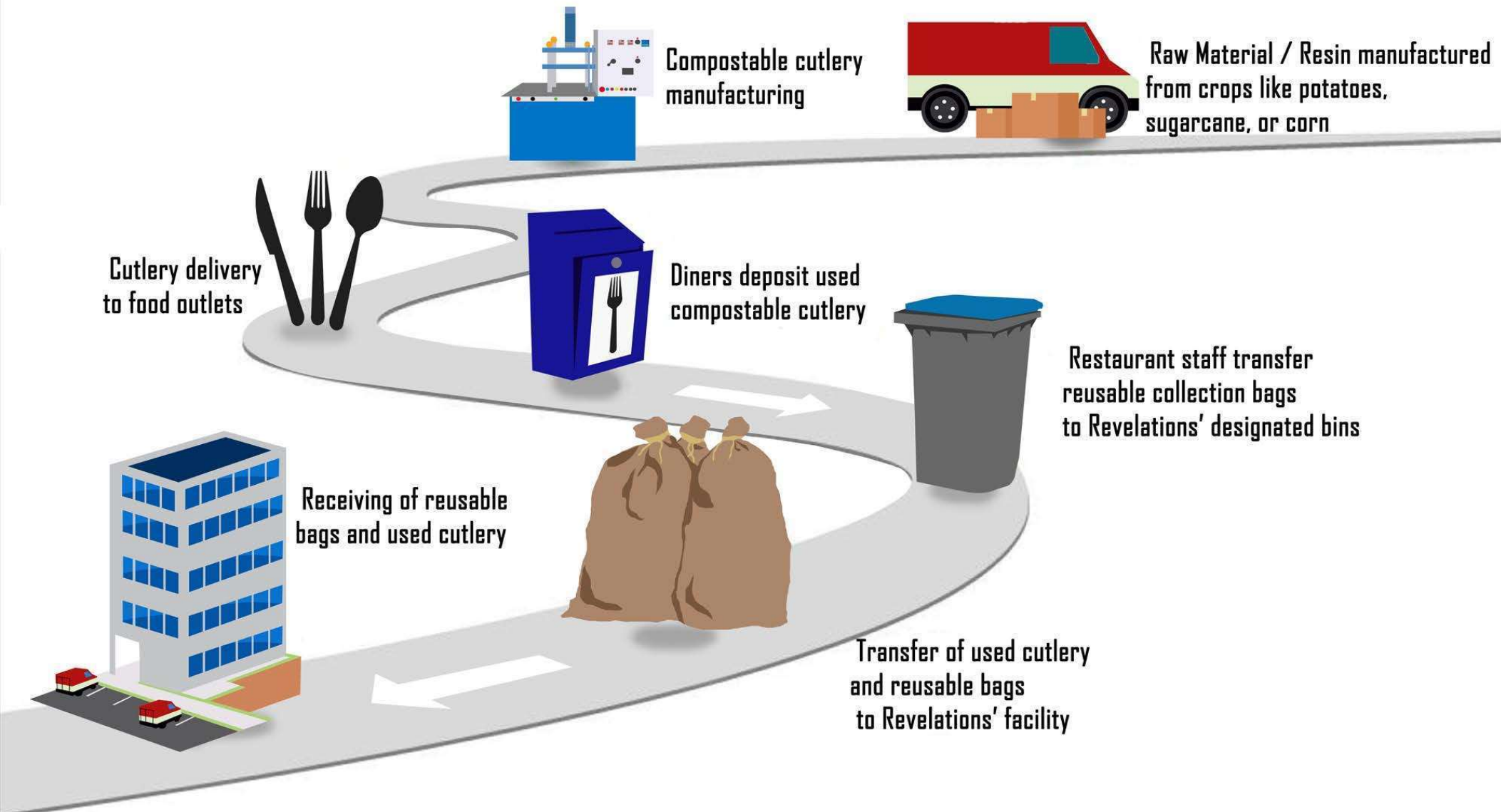


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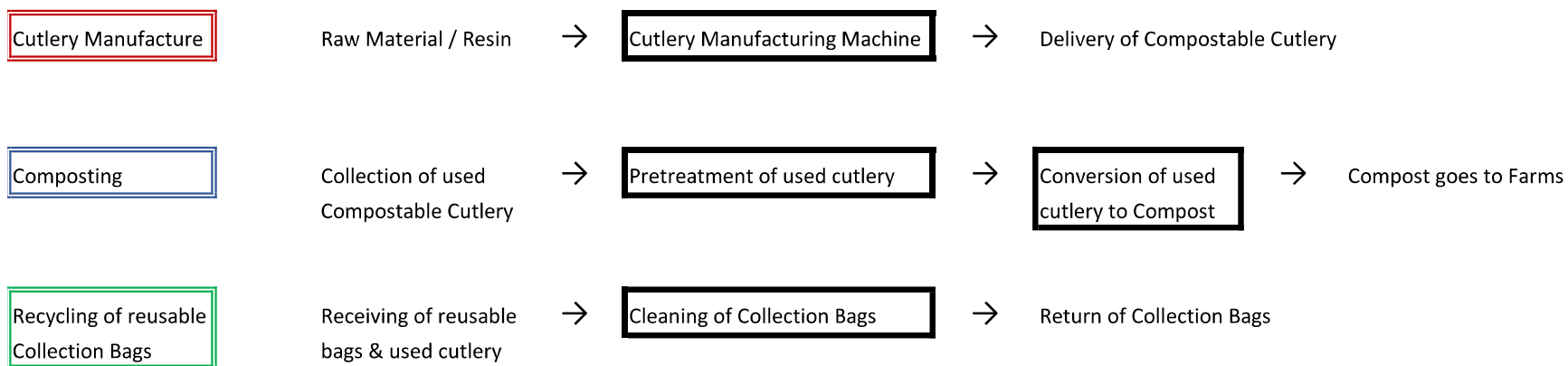


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Schematic of Revelations' Operations



Facility Processes





Revelations' Cutlery Program Pricing

Supplies

- | | |
|--|--|
| • Box of 500 each (Forks, Spoons, or Knives) | \$35 per box |
| • Used Cutlery Collection Boxes (with Artwork) | \$25 per box |
| • Bundle of reusable Burlap collection bags (25 each per bundle) | \$50 per bundle
(\$4 each for replacements) |
| • Eco-friendly plastic-free dental floss (for cafeteria customers) | \$0 (no charge) |

Note:

- Taxes are extra
- Free delivery (delivery charge applicable if more than 1 visit in a 2-week period)

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Revelations' Cutlery Program Pricing (for Retailers)

Revelations' Disposable Cutlery Sustainability Program can also supply retailers with our compostable cutlery at wholesale prices. In this option, the compostable cutleries are offered in eco-friendly packaging. Customers living in municipalities that support our program simply dispose of used cutleries with their garbage or recycle items. These used cutleries are collected from the municipal waste collection centers for composting.

Supplies

- Packages of 15 each (Forks, Spoons, Knives, or combinations) \$1 per package

Note:

- Taxes are extra
- Free delivery (delivery charge applicable if more than 1 visit in a 2-week period)

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