



**City of Hamilton  
WASTE MANAGEMENT  
ADVISORY COMMITTEE  
AGENDA**

**Meeting #:** 21-003  
**Date:** September 30, 2021  
**Time:** 1:30 p.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>

Ryan Kent, Manager of Waste Policy and Planning, (905) 546-2424 ext.7686

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# Hamilton

## MINUTES WASTE MANAGEMENT ADVISORY COMMITTEE

Monday May 10, 2021

10:00 a.m.

Due to COVID-19 and the Closure of City Hall

All electronic meetings can be viewed at the City's YouTube Channel:

<https://www.youtube.com/user/InsideCityofHamilton>

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**Present:** Chair: Councillor Maria Pearson  
Vice-Chair: Councillor John-Paul Danko  
Members: Councillor Nrinder Nann  
Kevin Hunt

Regrets: Lynda Lukasik

**Also Present:** Craig Murdoch, Director, Environmental Services  
Angela Storey, Manager of Business Programs  
Joel McCormick, Manager of Waste Collection  
Anthony Ventura, Superintendent of Waste Collection  
Rob Conley, Acting Manager, Recycling & Waste Disposal  
Scott Hembruff, Senior Project Manager, Waste Processing  
Ryan Kent, Waste Planning Program Coordinator  
Raffaella Morello, Senior Project Manager, Waste Operations

### 1. CHANGES TO THE AGENDA

There were no changes to the agenda.

### 2. DECLARATIONS OF INTEREST

There were no declarations of interest.

**3. APPROVAL OF MINUTES OF PREVIOUS MEETING****3.1 March 9, 2021****(Danko/Hunt)**

That the Minutes of the March 9, 2021 meeting of the Waste Management Advisory Committee be approved, as presented.

**CARRIED****4. CONSENT ITEMS****(i) Solid Waste Management Master Plan - Status of 2020 SWMMP  
Action Items (Item 6.1)**

Staff provided information on the status of the 2020 Solid Waste Management Master Plan action items.

**(Danko/Hunt)**

That the Solid Waste Management Master Plan Status of 2020 Action Items, be received.

**CARRIED****5. DISCUSSION ITEMS****(Nann/Hunt)**

That the following discussion items, be received.

**(i) 2020 Waste System Contract Planning (Item 8.1)****(a) C11-46-20 – Management and Processing of the City of  
Hamilton’s Green Cart Material**

Staff provided an update on the Request for Proposals (RFP) for the management and processing of the City of Hamilton green cart material, which closed on January 4, 2021. A recommendation report outlining the RFP outcome will be presented at the May 17, 2021 Public Works Committee meeting.

**(ii) Waste-Free Ontario Act Updates (Item 8.2)****(a) Status of the Blue Box Transition**

Staff provided an update on the status of the Blue Box program transition. The Blue Box Program Regulation is expected to be released by Spring 2021. Hamilton Staff joined the Continuous Improvement Fund’s (CIF) Transition Working Groups to help

prepare Ontario municipalities and First Nations communities to transition their Blue Box Programs.

**(b) Proposed Hazardous and Special Products (HSP) Regulation**

Staff provided information on the Proposed Hazardous and Special Products (HSP) Regulation. On April 29, 2021, the Minister of the Environment, Conservation and Parks (MECP) directed Stewardship Ontario to extend the deadline to wind up the existing Municipal Hazardous or Special Waste (MHSW) Program from June 30, 2021 to September 30, 2021. The proposed HSP regulation is to make producers environmentally accountable and financially responsible for collecting and managing HSP at end-of-life.

**(iii) Operations Update (Item 8.3)**

**(a) Waste Collection Service Contract Commencement**

Staff provided an update on the new waste collection service contract which began on March 29, 2021. GFL Environmental Inc. is the service provider for the new contract. The transition has been smooth with no service interruptions.

**(b) Hamilton-Wentworth Catholic District School Board Request for Tender for Waste and Recycling Collection and Disposal Services**

Staff shared information on the Hamilton-Wentworth Catholic District School Board (HWCDSB) Request for Tender for Waste and Recycling Collection and Disposal Services. On April 15, 2021, the HWCDSB issued a Tender for the collection and disposal of garbage, recycling and organic materials with a work start date of September 1, 2021. The City currently provides recycling and green cart collection and processing services for the HWCDSB. The City is unable to bid on the Tender since it is outside of the City's waste collection contract scope. The City's existing services for the HWCDSB will end by August 31, 2021.

**(c) Multi-Residential Waste Audits**

Staff provided a summary of the multi-residential waste audits which were undertaken in January to March 2021. Preliminary audit information included waste generation, waste diversion rate, capture rate and contamination rate. Additional information on the final results will be presented at a future meeting.

**(d) Solid Waste Collection Design Requirements for Developments**

Staff provided information on the proposed changes to the Waste Collection Design Requirements document. The new document will include the requirement for buildings to install a chute system capable of diverting waste, as per Council direction. Staff is developing the transition policy for development application to meet the new design requirements. The new design requirements will also include the parameters to consider private waste collection.

**(e) Community Outreach and Education**

Staff provided an update on the implementation of online request forms for frequently used waste programs including scheduling a bulk waste pick-up and obtaining a service number to pick up a blue box or green bin at a Community Recycling Centre.

**(f) Clean and Green Initiatives**

Staff provided information on Ontario's official Day of Action on Litter and shared a summary on local clean-up activities.

**CARRIED**

**6. MOTIONS**

**(Danko/Nann)**

That the following items, be received.

**(a) Approval of All Advisory Committee Event Date and Selection of a Presenter (Item 10.1)**

Staff provided an update on the planning process for the 'All Advisory Committees' Event'. The purpose of All Advisory Committee event is to provide the opportunity for Citizen Committees to meet each other and learn about each other's activities.

The Office of the City Clerk has asked that each Advisory Committee pass a motion to approve the date and to appoint a representative to deliver a five-minute presentation on the Committee's behalf respecting the Committee's purpose, successes and challenges.

**MOTION:**

WHEREAS, the Lesbian, Gay, Bisexual, Transgender and Queer (LGBTQ) Advisory Committee recommended that an All Advisory Committee Event be hosted for the purpose of providing City Advisory Committees with an opportunity to introduce themselves to one another and educate each other in terms of their respective Committee's purpose (mandate) and goals;

WHEREAS, an All Advisory Committee Event was approved by Hamilton City Council on April 14, 2021 (see Item 4 of Audit, Finance and Administration Committee Report 21-005 for reference);

WHEREAS, at the All Advisory Committee Event, each Advisory Committee will be allotted 5 minutes to introduce their respective Committee's purpose (mandate) and discuss the successes and the challenges the Advisory Committee has experienced; and,

WHEREAS, the staff liaisons for each Advisory Committee met and mutually agreed upon a tentative date for the All Advisory Committee Event;

THEREFORE, BE IT RESOLVED:

- a) That the proposed date of Monday, September 27, 2021, commencing at 4:00 p.m., for the All Advisory Committee Event be approved; and,
- b) That Kevin Hunt be authorized to represent the Keep Hamilton Clean and Green Advisory Committee at the All Advisory Committee Event and deliver a 5-minute presentation on the Committee's behalf respecting the Committee's purpose (mandate), successes and challenges.

**CARRIED**

**7. GENERAL INFORMATION / OTHER BUSINESS**

There was no general information or other business.

**8. ADJOURNMENT**

**(Hunt/Nann)**

That, there being no further business, the meeting be adjourned at 10:36 a.m.

**CARRIED**

**Waste Management Advisory Committee  
Minutes**

**May 10, 2021  
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Respectfully submitted,

Councillor M. Pearson  
Chair, Waste Management Advisory Committee

Raffaella Morello  
Senior Project Manager-Waste Operations, Waste Policy and Planning  
Waste Management Division, Public Works Department








# Consent Items

## Status of 2020 SWMMP Action Items

### Item 6.1





# Status of 2020 SWMMP Action Items

Work not Started - ✘    Work in Progress -     Work Completed - ✔    Work Delayed - 

Item	Description	Status	Notes
1	Development options for Resource Recovery Centre		Determine most effective use of property post blue box transition
2	Existing program improvements		Focus on improving three programs: business recognition, waste diversion at special events & school education
3	Policies on inter-municipal partnerships		Establish a policy to define clear ability of staff to engage in partnerships with other municipalities

Items with a green background start in or are expected to be completed in 2021.

# Status of 2020 SWMMP Action Items





Item	Description	Status	Notes
4	Support community reduce and reuse programs		Establish policy to provide greater support to programs run by community and non-profit groups that prioritize reuse and waste reduction
5	Waste performance metrics and related policies		Investigate and establish new metrics to measure the success of the waste management program
6	Construction and demolition (C&D) waste program		Feasibility study on C&D waste managed by City, possible education and partnerships with private sector
7	Green procurement		Waste staff to contribute to development of internal policies supporting green procurement

Items with a blue background start in or are expected to be completed in 2022 – 2025.

# Status of 2020 SWMMP Action Items





Item	Description	Status	Notes
8	Increased curbside enforcement	✘	Investigate feasibility of new curbside enforcement methods (i.e. landfill bans) and standardization of curbside monitoring
9	Preparation for next waste collection contract	✘	Investigate waste collection efficiencies such as methods and schedules, that could be included next waste collection contract
10	Trash tag program	✘	Review current program to identify opportunities to better align program with SWMMP guiding principles.
11	Update single-family waste audit methodology	✘	Update methodology to better align with SWMMP goals and provide more accurate and useable data

# Status of SWMMP Supporting Projects

Item	Description	Status	Notes
1	Blue box transition		New regulation posted (391/21) in June, 2021
2	Capacity at Central Composting Facility (CCF)		Staff working towards expanding the capacity of the CCF and improved operations
3	Fourth transfer station/Community Recycling Centre		New facility required as current facilities will soon surpass capacity
4	Glanbrook Landfill development		Expansion into stage 4 of the Landfill and improvements to the compost pad

Items with a grey background were not included as part of the SWMMP as they were already underway. We will continue to report their progress here.

# Status of SWMMP Supporting Projects

Item	Description	Status	Notes
5	Multi-Residential data gathering		Work will include waste audits and testing of methods to improve diversion
6	Route optimization software		Evaluation of software to determine benefits, project concluded that software was not recommended, other tools will be used for route optimization i.e. GIS
7	Single-use plastic strategy		Strategy approved by Council, implementation to begin in 2021
8	Waste design requirements		Revised policy to be provided to Public Works Committee (PWC) for approval on Nov 1, 2021



# Waste-Free Ontario Act Updates

## Status of Blue Box Program Transition

Item 8.1 (a)

# Status of Blue Box Program Transition

- The final Blue Box program Regulation was released on June 3, 2021.
- The Regulation includes the following key items:
  - Introducing a common blue box collection system across Ontario;
  - Expanding the list of acceptable blue box materials;
  - Defining the eligible sources; and
  - Material management requirements for Producers
- The City's program will transition by April 1, 2025
- Producers are obligated to maintain the existing service levels during the transition period between 2023 to 2025
- The City may not have operational control post-transition (Jan. 1, 2026), e.g. collection frequency, container type, etc.



# Status of Blue Box Program Transition

- Municipalities are required to submit an Initial Report to RPRA
- Recycling service review to be completed including:
  - Determine if the City will continue to provide service to properties excluded in the new regulation, e.g. Business Improvement Areas, municipal buildings
  - Assess the impacts on the City's Materials Recycling Facility
  - Review recycling contract impacts, i.e. collection, processing
- Financial and cost benefit analysis on program changes
- Staff will continue to participate in industry subcommittees related to the Blue Box transition



# Waste-Free Ontario Act Updates

## Hazardous and Special Products Regulation

Item 8.1 (b)

# Hazardous and Special Products Regulation

- On July 1, 2021, the HSP Regulation was approved which makes the Producer's responsible for the end of life of these materials
- Producers will be required to operate collection sites and provide public education on collection and management services
- The new regulation includes several product types, i.e. pressurized containers, oil filters, paints and coatings, solvents, pesticides, fertilizers, and propane cylinders; however, it excludes materials which are currently collected in the existing Municipal Hazardous or Special Waste (MHSW) program
- Producers have a 15-month transition period from October 1, 2021 to December 31, 2022

# Hazardous and Special Products Regulation

## Next Steps

- The City's MHSW depots will continue to operate during the transition (status-quo)
- Staff will meet with the Producer Responsibility Organizations (PROs) to determine if there is interest in utilizing the City's MHSW depots as collection points under the new HSP program.
- If required, a staff report will be prepared to provide information on whether the City should continue to operate the MHSW depots for the products that are not covered under the Regulation.



# Operations Update

## Waste Collection Service Operations

Item 8.2 (a)

# Waste Collection Service Operations

- Seasonal curbside leaf and yard waste collection will end during the week of November 29<sup>th</sup> to December 3<sup>rd</sup>, 2021
- Yard waste drop-off is available year-round at the Community Recycling Centres





# Operations Update

## Waste Processing Service Operations

Item 8.2 (b)

# Waste Processing Service Operations – Central Compost Facility

- Operations and Maintenance Contract C11-46-20 for processing the City's Source Separated Organics was transitioned on June 29, 2021.
- Commissioning of the Supervisory Control and Data Acquisition (SCADA) system at the Central Compost Facility (CCF) was completed
- Staff completed a ventilation assessment for the CCF and submitted it to the Ministry of Environment, Conservation and Parks (MECP) which was required by the new Air Environmental Compliance Approval (ECA)



# Waste Processing Service Operations – Material Recycling Facility

- Lighting upgrades were completed at the Materials Recycling Facility (MRF).
- This has reduced the facility's energy consumption by approximately 270,000 Kwh per year, resulting in savings of approximately \$38,000/year

# Waste Processing Service Operations – Transfer Stations/Community Recycling Facilities

- Staff revised the scope of work for the construction of the expanded Transfer Station/Community Recycling Centre (TS/CRC) due to cost of land.
- Staff is currently working on securing additional land near the Mountain site (close to reaching capacity) to construct a new CRC and turn the Mountain site exclusively as a Transfer Station.

- Staff is drafting a Request for Proposal (RFP) for the design and construction of Cells C, D and E within stage 3 at Glanbrook Landfill



# Operations Update

## Solid Waste Collection Design Requirements

Item 8.2 (c)

# Solid Waste Collection Design Requirements

## Overview:

- Staff report currently scheduled to go to PWC on November 1<sup>st</sup>
- Report recommends extending service to multi-residential buildings to include front-end containers for organics and recycling containers

## Consultation with Development Industry:

- Presentations on proposed policy were made on January 11th , February 1st, May 11th and July 26th, 2021 to the Development Industry:
  - Development Industry Liaison Group (DILG),
  - West End Home Builder's Association (WEHBA)
  - Hamilton/Burlington Society of Architects (HBSA)
- On July 15, 2021, a draft version of the policy was circulated to both the WEHBA and the HBSA. WEHBA provided comments on August 11<sup>th</sup>, 2021

## Consultation with PED:

- Waste staff have received support from PED staff on the proposed policy



# Operations Update

## Waste Management System By-law

Item 8.2 (d)

# Waste Management System By-law

## Amendments:

- Waste Management System By-law (20-221) requires amendment to:
  - Allow fines to be issued under the by-law – per direction from the Ministry of the Attorney General
  - Permit front-end containers to be used at multi-residential buildings for organics and recycling containers
  - Limit the size of garbage and yard waste containers for curbside collection
  - Make minor numbering and grammatical revisions

## Next steps:

- The staff report is currently scheduled to go to PWC on October 18<sup>th</sup>
- Includes rationale for updated fines and updated fine schedule



# Operations Update

## Promotion and Education

Item 8.2 (e)



# Promotion and Education

- New education campaign is being launched to educate the public on how to safely travel around waste collection trucks. Key messages:
  - Tips for motorists and cyclists, e.g. safe driving practices
  - Tips for pedestrians, e.g. stay clear of waste collection vehicles
- Promotion being done through City website, social media, and radio
- Waste collection safety videos are available on the City's website:  
[Hamilton.ca/WasteCollectionSafety](http://Hamilton.ca/WasteCollectionSafety)

## Stay Safe, Leave Space

when driving behind a  
Waste Collection truck.

Keep your distance,  
be prepared to stop and only  
pass when safe to do so.



For more safety tips, visit: [hamilton.ca/WasteCollectionSafety](http://hamilton.ca/WasteCollectionSafety)



# Promotion and Education

- Virtual education videos are being developed for schools. Videos include information on waste reduction tips and virtual waste facility tours

## Welcome to Our Virtual Classroom



# Promotion and Education

- City will be holding a compost giveaway on Saturday, October 9, 2021
  - Location: Turner Park (344 Rymal Road East)
  - Hours: 7:00 a.m. to Noon or while supplies last
- Covid-19 protocols and physical distancing measures will be in place
- Event is being promoted through:
  - Website
  - Social media
  - Digital ads (Spectator, Weather Network)
  - Hamilton community newspaper



# Operations Update

## Multi-Residential Waste Audits

Item 8.3 (f)

# Multi-Residential Waste Audits






## Waste Audit Details:

- Waste audits carried out on 27 multi-residential buildings from January 19<sup>th</sup> to March 26<sup>th</sup>, 2021

	<b>SAMPLE VALUE</b>
<b>TOTAL WASTE GENERATED</b>	9,585 kg
<b>TOTAL WASTE GENERATED PER UNIT</b>	5.19 kg
<b>TOTAL RESIDUAL WASTE</b>	7,235 kg
<b>TOTAL DIVERTED WASTE</b>	2,085 kg
<b>TOTAL CONTAMINATION</b>	266 kg
<b>OVERALL CONTAMINATION RATE</b>	13%
<b>OVERALL DIVERSION RATE</b>	22%
<b>OVERALL CAPTURE RATE</b>	35%

\* 8 audited buildings did not have active green bin programs

# Multi-Residential Waste Audits

	MULTI-RESIDENTIAL (2021)	SINGLE-FAMILY (2019-2020)	PERFORMANCE VS. SINGLE-FAMILY
DIVERSION RATE	22%	46%	
ORGANICS CAPTURE RATE	13%	44%	
CONTAINER CONTAMINATION RATE	19.5%	19%	
FIBRE CONTAMINATION RATE	7.5%	5%	
ORGANICS CONTAMINATION RATE	5%	6%	

## Next Steps:

2021 - Pilot program to test new educational material

January - March 2022 - Audits to measure success of pilot program



# INFORMATION REPORT

<b>TO:</b>	Mayor and Members Board of Health
<b>COMMITTEE DATE:</b>	October 19, 2020
<b>SUBJECT/REPORT NO:</b>	Social Determinants of Health in COVID-19 (BOH20015) (City Wide)
<b>WARD(S) AFFECTED:</b>	City Wide
<b>PREPARED BY:</b>	Hilary Wren-Atiola (905) 546-2424 Ext. 3724 Sue Connell (905) 546-2424 Ext. 3798
<b>SUBMITTED BY:</b>	Dr. Elizabeth Richardson, MD, MHSc, FRCPC Medical Officer of Health Public Health Services
<b>SIGNATURE:</b>	

## COUNCIL DIRECTION

Not Applicable.

## INFORMATION

### Purpose

This report (BOH20015) and the accompanying presentation provide the Board of Health (BOH) with an overview of the profile of the social determinants of health (SDOH) among Hamilton's COVID-19 cases, and outlines actions staff are taking to address health inequities among vulnerable populations.

### Background

The SDOH are the conditions in which people are born, grow, work, live and age. The Ontario Human Rights Commission (OHRC) emphasizes that collecting and analyzing data that identifies individuals by their race, ethnicity, or similar factors can assist institutions to promote human rights and to improve equitable service delivery<sup>1</sup>.

<sup>1</sup> Ontario Human Rights Commission. (2009). Count Me In, Collecting Human Rights Based Data. Toronto, from: <http://www.ohrc.on.ca/en/count-me-collecting-humanrights-based-data>

OUR Vision: To be the best place to raise a child and age successfully.

OUR Mission: To provide high quality cost conscious public services that contribute to a healthy, safe and prosperous community, in a sustainable manner.

OUR Culture: Collective Ownership, Steadfast Integrity, Courageous Change, Sensational Service, Engaged Empowered Employees.

**SUBJECT: Social Determinants of Health in COVID-19 (BOH20015) (City Wide) -  
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On May 26, 2020 Hamilton Public Health Services (PHS) began collecting SDOH data on COVID-19 cases using a tool adapted from Middlesex London, Toronto and Peel Health Units. On June 26, 2020 the Ministry of Health made changes to Regulation 568 under the Health Protection and Promotion Act to include the collection of data on race, income, household size, and language from individuals whom test positive for COVID-19.

Between March 1, 2020 and August 31, 2020 just under 1,000 residents in Hamilton were infected with COVID-19. PHS collected the required SDOH data, along with data on employment status and Indigenous status, from 630 of those individuals. The findings should be interpreted with caution due to the level of response achieved.

### Findings

Our data suggests that racialized populations, health care workers and people living with low-income are disproportionately affected by COVID-19 in Hamilton. We also found that males and seniors are more likely to be hospitalized and die from COVID-19.

These findings are not unique to Hamilton. Toronto Public Health also found that people in the lowest income group have the highest rate of COVID-19 and that there is a higher case and hospitalization rate for racialized communities<sup>2</sup>. Similar trends have been shown in Waterloo Region<sup>3</sup> and in the City of Ottawa<sup>4</sup>.

The COVID-19 pandemic is magnifying the impact of the SDOH and the inequities that have long existed in communities. For example, we know that people living with low incomes have difficulty affording basic resources (e.g. food, paying bills). During a pandemic, difficult choices between needed supplies (e.g. hand sanitizer, masks) and basic resources is exacerbated.

### Actions Taken

The Hamilton EOC, PHS and the health system partnership of the Hamilton COVID Response Table (HCRT) continue to work in close alignment to support vulnerable populations throughout the pandemic. Actions taken include:

- Collect and analyze data on social determinants;
- Support shelters to follow public health measures;
- Delivery of essential supplies (e.g. medicine to people without social supports);

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<sup>2</sup> Toronto Public Health. (2020). COVID-19 and the Social Determinants of Health: What do we know? Updated May 14th, 2020 from: [https://www.toronto.ca/wp-content/uploads/2020/05/96e0-SDOHandCOVID19\\_Summary\\_2020May14.pdf](https://www.toronto.ca/wp-content/uploads/2020/05/96e0-SDOHandCOVID19_Summary_2020May14.pdf)

<sup>3</sup> CBC Kitchener-Waterloo. (2020). New immigrants, low-income earners in Waterloo region seeing higher rates of COVID-19. Updated July 15th, 2020 from: <https://www.cbc.ca/news/canada/kitchener-waterloo/immigrants-low-income-waterloo-region-covid-19-1.5649453>

<sup>4</sup> Ottawa Matters. (2020). Early race-based COVID-19 data showing Ottawa minority groups affected at high rate. Updated June 24th, 2020 from: <https://www.ottawamatters.com/local-news/early-race-based-covid-19-data-showing-ottawa-minority-groups-affected-at-high-rate-2515515>



**SUBJECT: Social Determinants of Health in COVID-19 (BOH20015) (City Wide) -  
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- Consultation and support to Indigenous organizations (e.g. COVID call centre);
- Enhanced infection control support in congregate settings (e.g. residential care facilities, temporary farm worker housing);
- COVID-19 testing for persons living in shelters;
- Mobile testing for isolated individuals unable to get to assessment centres; and,
- Help people to access mental health and addictions supports

**Next Steps**

The EOC, PHS and the HCRT will continue to support vulnerable populations to achieve greater health equity throughout the COVID response, including:

Continue to...

- Work on previous Actions Taken;
- Work with Mental Health partners;
- Ensure social service providers who work with vulnerable populations know when and how to access testing;
- Support congregate settings as they undertake IPAC reviews.
- Advocate for basic income principles;
- Work to mitigate the unintended consequences of COVID-19 control measures (e.g. deferred immunizations, dental and vision health care, as well as adverse impacts on mental health and loss of income).

Advocate for...

- Public policy to protect seniors and low-wage frontline workers;
- Adequate human resources to support vulnerable populations.

Collaborate with...

- Communities disproportionately impacted by COVID-19, including racialized and low-income communities;
- Community service provider agencies serving populations impacted by COVID-19 or public health measures.

Exploration of...

- Voluntary isolation centres to minimize household transmission.

**APPENDICES AND SCHEDULES ATTACHED**

Not Applicable.