



Hamilton

2020 HAMILTON SWMMP UPDATE

Public Works Committee
November 16, 2020

BACKGROUND

- **2001 SWMMP:**

The original Hamilton Solid Waste Management Master Plan (SWMMP) approved in 2001 had 19 action items, 2 guiding principles and waste diversion target of 65% by 2008

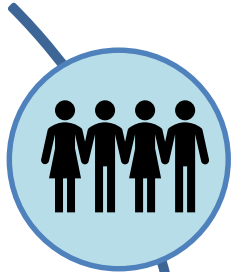
- **2012 SWMMP Update:**

SWMMP last updated in 2012 and included 11 action items and revised the guiding principles to include:

1. The City of Hamilton must lead and encourage the changes necessary to adopt the principle of waste reduction.
2. The Glanbrook Landfill is a valuable resource. The City of Hamilton must minimize residual waste and optimize the use of the City's diversion and disposal facilities.
3. The City of Hamilton must maintain responsibility for the residual wastes generated within its boundaries, municipal partnerships will be considered.

2012 SWMMP maintained the target of 65% waste diversion; 2012 diversion rate was 43%

2020 SWMMP UPDATE PROCESS



Public Consultation

3,778 completed online surveys, 3 focus groups with 16 participants (single-family, multi-residential and businesses)



Best Practices

Reviewed waste programs of 18 municipalities and identified emerging and established waste technologies



Staff Evaluation

Staff evaluated each potential action item for inclusion in 2020 SWMMP update

MUNICIPAL BENCHMARKING



Research included a look at municipal Master Plans and waste programs in Ontario and Canada :

Toronto	Ottawa	London	Sudbury	Guelph	Peel Region
Oxford County	Halton Region	Niagara Region	Durham Region	Waterloo Region	Dufferin County
York Region	Vancouver	Edmonton	Calgary	Halifax	Victoria

STAFF EVALUATION

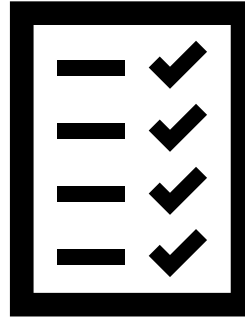


Staff evaluation for possible action items was impacted by:

- Responsibility of blue box program (collections and processing) transitioning from municipalities to producers between January 1, 2023 and December 31, 2025
- Potential of processing Hamilton organics at an off-site, third-party facility
- Active projects that staff are already engaged in to support the SWMMP

Any potential action items that related to the items above, were not included as new or repeat items in the 2020 SWMMP

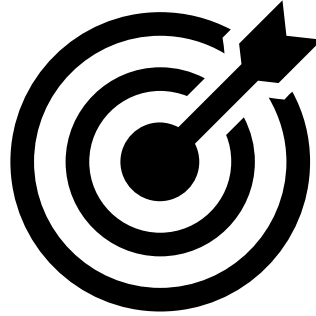
ACTIVE PROJECTS



Active projects that staff are engaged in and not repeated as part of the 2020 update :

- Revising waste design requirements for new developments
- Evaluating options to improve performance of multi-residential program
- Adding a fourth Transfer Station/Community Recycling Centre
- Development of stage 4 at the Glanbrook landfill
- Analyzing and commenting on new blue box regulations

2020 SWMMP FOCUS



Due to the uncertainty of the blue box and green bin programs, the 2020 SWMMP action items focus on the immediate next 5 years (2021 to 2025). This focus will best position Hamilton to adapt to significant changes in the waste industry over that time. This focus resulted in:

- 2012 guiding principles being unchanged
- Diversion targets being unchanged
- Action items focussing on reviewing policies, improving current programs and information gathering
- A 2026 date being proposed for an all new SWMMP

2020 SWMMP ACTION ITEMS

2020 SWMMP action items to be completed between 2021 and 2025:

1. Developing new waste performance metrics and related policies
2. Supporting community reduce and reuse programs
3. Updating waste audit methodology
4. Improving existing programs such as business recognition, diversion at special events and school education
5. Reviewing the trash tag program
6. Investigating the management of construction and demolition waste
7. Carrying out feasibility studies related to development options for the Materials Recycling Facility and Central Composting Facility should processing no longer be completed at our facilities
8. Developing inter-municipal policies and investigating inter-municipal partnerships
9. Preparing for the next waste collection contract in 2028
10. Increasing curb side enforcement capabilities
11. Exploring green procurement options

2020 SWMMP IMPACTS TO BUDGET



- All action items which relate to updating policies, undertaking feasibility studies and implementing new programs will all be completed within existing operating and capital budgets
- Any items that result in a recommendation to implement a program that would require additional operating / capital funding or resources, (for example: possible automated cart collection system for garbage collection), would be presented to WMAC, PWC and Council for approval



Hamilton

THANK YOU