



**THE REGIONAL MUNICIPALITY OF NIAGARA
WASTE MANAGEMENT PLANNING
STEERING COMMITTEE
AGENDA**

WMPSC 3-2021

Monday, June 28, 2021

9:00 a.m.

Meeting will be held by electronic participation only

Due to efforts to contain the spread of COVID-19 and to protect all individuals, there is no public access to Niagara Region Headquarters. If you are interested in viewing this meeting or would like to speak to an item listed on the agenda please contact the Office of the Regional Clerk at clerk@niagararegion.ca at least 24 hours in advance of the meeting.

	Pages
1. <u>CALL TO ORDER</u>	
2. <u>DISCLOSURES OF PECUNIARY INTEREST</u>	
3. <u>PRESENTATIONS</u>	
3.1. <u>Waste Management Service Operating Budget Consideration 2021-2022</u> Catherin Habermehl, Director, Waste Management Services	3 - 15
3.2. <u>Residential Blue Box Program - Final Producer Responsibility Regulation</u> Sherri Tait, Program Manager, Policy and Planning	16 - 38
4. <u>DELEGATIONS</u>	
5. <u>ITEMS FOR CONSIDERATION</u>	
5.1. <u>WMPSC-C 23-2021</u> Blue Box Lids and Covers	39 - 51

6. CONSENT ITEMS FOR INFORMATION

- | | | |
|------|---|---------|
| 6.1. | <u>WMPSC-C 21-2021</u>
Councillor Information Requests | 52 - 55 |
| 6.2. | <u>WMPSC-C 22-2021</u>
Ontario Waste Management Association State of Waste in Ontario -
Landfill Report | 56 - 58 |
| 6.3. | <u>WMPSC-C 24-2021</u>
Hazardous and Special Products (HSP) Regulation | 59 - 60 |
| 6.4. | <u>WMPSC-C 25-2021</u>
Humberstone Landfill Public Liaison Committee meeting notes - May 5,
2021 | 61 - 64 |
| 6.5. | <u>WMPSC 2-2021</u>
Waste Management Planning Steering Committee Minutes - April 19,
2021 | 65 - 68 |

7. OTHER BUSINESS

8. NEXT MEETING

The next meeting will be held on Monday, August 30, 2021 at 9:00 a.m.

9. ADJOURNMENT

If you require any accommodations for a disability in order to attend or participate in meetings or events, please contact the Accessibility Advisor at 905-980-6000 ext. 3252 (office), 289-929-8376 (cellphone) or accessibility@niagararegion.ca (email).

Waste Management Services Operating Budget Considerations 2021-2022

Waste Management Planning Steering Committee

Monday, June 28, 2021

Catherine Habermebl, Director of Waste Management Services

Waste Management Services Operating Budget Considerations 2021-2022

Waste Management Planning Steering Committee

June 28, 2021

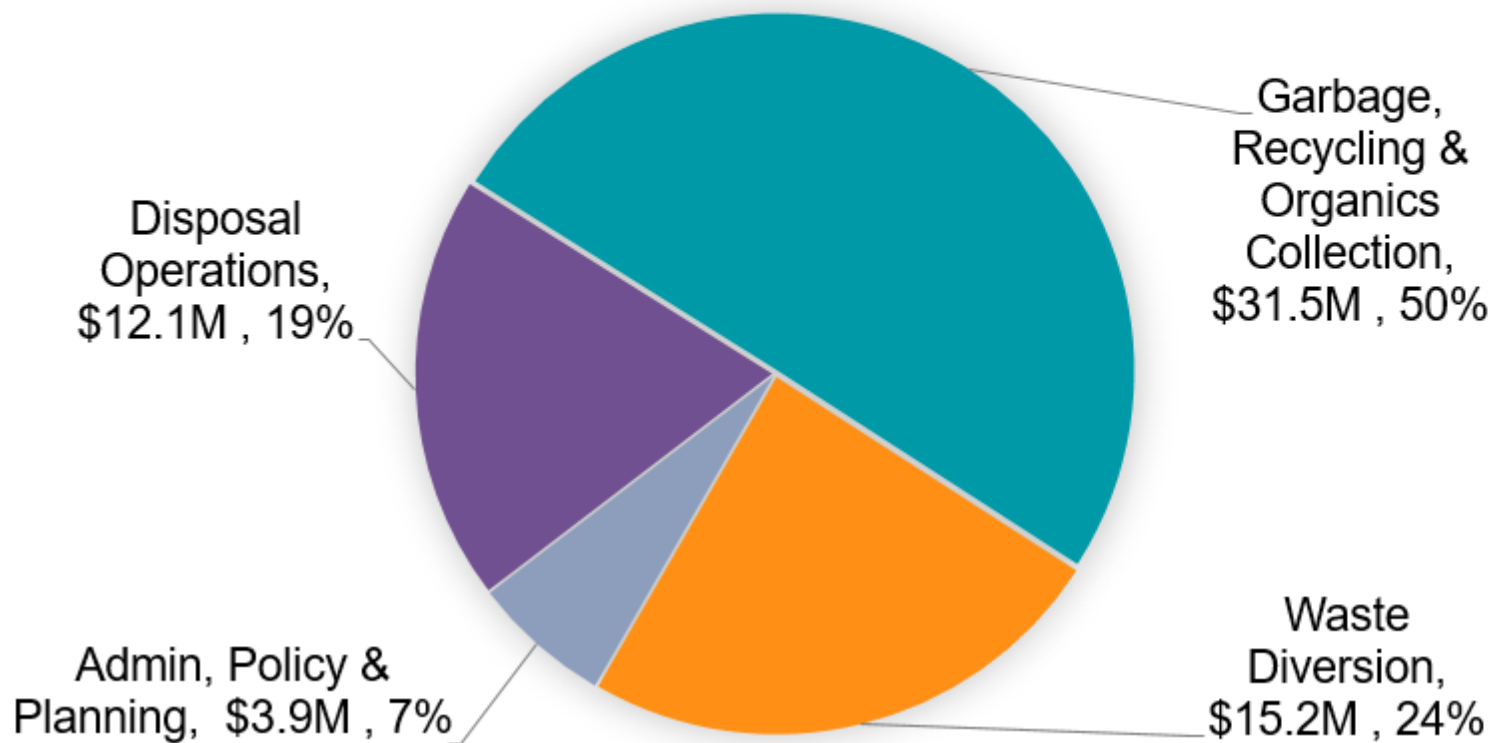
Overview

- ✓ Review of Current Budget Strategy
- ✓ 2021 Budget Mitigations
- ✓ 2022 Budget Pressures & Opportunities
- ✓ Future Budget Considerations
- ✓ WM Reserve Projections
- ✓ 2022 Budget Process and Timetable

Current Operating Budget Strategy

- Staff previously forecasted a 9.8% requisition increase each year for 2020 through to 2022 budget years as presented in November 2019
 - Requisition forecast increased to 9.9% in 2020 and 10.7% for 2021 and 2022 as a result of additional enhanced services as directed by Council
- Increase of 4.5% of the Waste Management Requisition was approved for the 2021 budget year
 - Deviation from budget strategy in response to COVID-19
- Strategy included significant use of the Waste Management Stabilization reserve to mitigate the pressure associated with the new collection contract award

Budget Composition (2021)



2021 Budget Mitigations

- Program Deferral
 - Mattress Recycling Program, Construction and Demolition Wood Recycling Program
- Reduction in Naturalization Site Maintenance and Bird Control
- Elimination of Co-Op Summer Students and 4 interns
- Stabilization Reserve Funding
 - Mitigate costs associated with new collection contract
- Safe Restart Funding to mitigate COVID-19 related costs
- Mitigations Reintroduced by Council
 - Free Container Exchange Program and Tip Fee Exemption for Charities
 - Exchange of damaged bins re-introduced mid year

2022 Budget Pressures

- Humberstone Operations Tender
- Walker Compost Processing
- Resin Prices – Boxes/Carts
- Decrease in Garbage Tag Revenue
- Uptake on Waste Exemption Programs



2022 Budget Pressures Cont'd

- WM Strategic Plan – original budget developed in 2016
- Annual Contract Increases
- HHW Regulations
- Reintroduction of 2021 Mitigations
 - Includes sustainable funding for re-introduction of exchange program for damaged bins during 2021

2022 Budget Opportunities

- Landfill Tipping Fees
- End Market Revenues
- RPRA Funding



Future Budget Considerations

- Blue Box Program Transition
 - Ontario is shifting to a full producer responsibility model for the residential Blue Box Program.
 - Niagara Region has been identified to transition in 2024
- MRF Opportunity Review

Waste Management Reserve Projections

Reserve	Projected 2021 YE Balance	Projected 2022 YE Balance	Projected 2023 YE Balance	Projected 2024 YE Balance	Target Reserve Balance
Waste Capital Reserve	\$ 10.03	\$ 4.10	\$ 3.55	\$ 3.83	\$7.0
Landfill Liability Reserve	\$ 9.80	\$ 9.73	\$ 10.73	\$ 13.13	\$61.3
Waste Stabilization Reserve	\$ 4.29	\$ 3.39	\$ 3.39	\$ 3.39	\$5.7 to \$8.6
Total	\$ 24.12	\$ 17.22	\$ 17.67	\$ 20.35	\$74-\$77

*In millions

2022 Budget Process and Timeline

- At Budget Review Committee of the Whole on June 17th, a budget planning strategy of 9.98% for 2022 was presented
- Approved 2022 Operating Budget Timetable for Rate:

Meeting Type	Date
Workshop	October 28, 2021
BRCOTW	November 4, 2021
Council	November 18, 2021



Questions?

Residential Blue Box Program – Final Producer Responsibility Regulation

Waste Management Planning Steering Committee

Monday June 28, 2021

Sherri Tait, Program Manager, Policy and Planning

Residential Blue Box Program – Final Producer Responsibility Regulation

Waste Management Planning Steering Committee

June 28, 2021

Background

- Timelines specific to new Blue Box Regulation:
 - 2016 – Passage of Resource Recovery & Circular Economy Act (RRCEA)
 - 2017 – Letter from Minister re: Amended Blue Box Program Plan (a-BBPP) and consultation
 - 2018 – Submission of Draft a-BBPP
 - 2019 – David Lindsay’s Blue Box Mediation Process, Report and Minister’s Direction
 - 2020 – Consultation
 - Oct. 19 to Dec. 3, 2020– Consultation on Draft Regulation
 - **June 3, 2021 – Approval of Regulation**
 - 2021 - 2022 – Stakeholders organize and prepare for producer responsibility
 - 2023 - 2025 – Producers take full responsibility

Next Steps - Blue Box Transition

- 2021 – Registration for eligible communities, producers, PROs
- 2022 – Submission of proposed rules, creation of allocation table and registration of processors
- July 1, 2023 – December 31, 2025, transition of eligible communities
- 2026-2029 – New eligible sources, standardized materials and established targets
- 2030 – New targets

Regulation Recap

Ministry of Environment, Conservation and Parks (MECP) has addressed the following in the Blue Box regulation:

1. Definition and scope of designated materials;
2. Collection and accessibility requirements;
3. Determining responsible producer;
4. Management requirements that producers must meet; and
5. Transition Schedule

Regulation Recap cont'd

- During transition (January 1, 2023 – December 31, 2025) producers are obligated to maintain existing service levels in Niagara Region
- Post-transition (i.e. starting January 1, 2026) Niagara Region will have no operational program control over:
 - Collection frequency
 - Container type
 - Implementation of single versus dual stream



Regulation Recap Cont'd

- Niagara Region has been advocating for the transition of the Blue Box to a producer responsibility framework for many years and both municipalities and producers desire change and support the shift
- While not all municipal comments were addressed with the final Blue Box regulations, the Province did respond to many of the concerns identified by municipalities including the following:
 - A broad list of designated materials to be collected and managed by producers
 - The harmonized approach to material collected throughout the province as this will help reduce confusion for residents and increase efficiencies related to promotion and education material.
 - The inclusion of multi-residential, public and private school, a subset of long term care, retirement homes, etc. and specified public spaces as eligible sources.
 - The three year transition period with one-third of municipalities transitioning at a time, helping to modulate the cost of the program to producers.
 - That the curbside collection system must remain in place for the existing programs and expanded where possible.

Transition Schedule

- The preferred municipal transition dates were taken into consideration while trying to balance net program costs and materials managed over the three years.
- Niagara Region have been identified to transition no later than January 1, 2024.



Draft vs. Final Regulation

Designated

The following items made from paper, metal, glass, plastic, or any combination of these materials including:

- Packaging, including aerosols
- Printed and unprinted paper
- Single-use packaging-like products, like foils, trays, and boxes
- Single-use food and beverage service items like straws, cutlery, plates, food service ware

Not Included

- Made primarily from materials such as wood, textiles, wax
- Packaging-like products made of flexible plastics & used for food protection, containment, handling
- Any materials designated under different diversion programs
- Health, hygiene or safety product that becomes unsanitary or unsafe to recycle
- Books and hardcover periodicals
- Garbage Bags
- Biomedical or hazardous
- Alcoholic beverage product and packaging

Draft vs. Final Regulation cont'd

Public Spaces

- The definition of “public space” was expanded to include transit stations or stops under municipal or provincial jurisdiction as a public space as well as outdoor park, playgrounds or sidewalk, not just in designated business areas.
- Producers are required to provide a minimum number of bins per person in every community based on a density formula.



Draft vs. Final Regulation cont'd

Public Spaces cont'd

- Population of lower tier municipality divided by:
 - 400, if the eligible community has a population equal to or greater than 500,000;
 - 600, if the eligible community has a population equal to or greater than 30,000, but less than 500,000;
 - 800, if the eligible community has a population equal to or greater than 5,000, but less than 30,000; and
 - 1000, if the eligible community has a population less than 5,000, with no less than one blue box receptacle in any eligible community
- It is the producer's responsibility to provide blue box receptacles appropriate for public spaces, provide repairs or replacements.

Draft vs. Final Regulation cont'd

Eligible Sources – Long Term Care and Retirement Homes

- For profit long term care and retirement homes are now excluded from the requirements.

Obligations for Curbside Collection

- Additional details regarding providing receptacles for Blue Box material
 - Provide a receptacle at least one week prior to date producer starts collection;
 - Repairing or replacing any damaged receptacles upon request, within one week of the request; and
 - Providing blue box receptacles that are appropriate, including with respect to size.

Draft vs. Final Regulation cont'd

Alternative Collection System

- A new section provides requirements for producers that register an alternative collection system for Blue Box material that includes collection by mail (i.e. pre-paid postage).



Draft vs. Final Regulation cont'd

Allocation Table

- The regulation requires the development of an annual allocation table, according to which the common collection system would be delivered and that identifies which producers are responsible for collection from which sources
- PROs must have signed up producers with a combined total of 20,000 tonnes of Blue Box material to qualify as a rule creator (previously 10% of total tonnage of Blue Box material supplied to consumers in Ontario).
- The rules for the allocation table must have agreement from PROs representing 66% of all producer tonnes at the negotiation stage (the previously set out threshold was 90% agreement).
- Producers are no longer listed as an entity that can make rules relating to the creation of an allocation table, only the PROs and the Minister.
- Creation of the rules for the allocation tables have been revised.

Management Requirements

- The formula for calculating management requirements has changed and the weight of recycled content and the redistribution factor are no longer incorporated into equation.

Material Category	Proposed Target: 2026-2029	Proposed Target: 2030 onward
Paper	80% (90%)	85% (90%)
Glass	75%	80%
Metal	67%	75%
Rigid Plastic	50% (55%)	60%
Flexible Plastic	5% (30%)	40%
Non-Alcoholic Beverage Containers	75%	80%

Considerations & Decision Points

Material Recovery Facility (MRF)

- Timing and outcome of the MRF Negotiated RFP

Provision of Collection and Haulage Services on Behalf of Producers

- Primary factors or acceptable terms influencing final decision to bid on collection and haulage services :
 - Full payment by producers
 - Reasonable and quantitative measures for standards and requirements related to collection and haulage.



Considerations & Decision Points Cont'd

Servicing Additional Property Types

- Continued provision of service to IC&I properties, for profit long term care homes and retirement homes and public space bins not covered under regulation.
- If Niagara Region continues to provide residential Blue Box collection, the IC&I properties will be part of the integrated collection system – otherwise producers must agree to provide the service or provide under current collection contract
- Separate regulations related to IC&I properties will also impact how this service is provided longer-term



Considerations & Decision Points Cont'd

Promotion and Education

- Niagara Region could negotiate with Producers to provide a subset or all promotion and education functions related to the Blue Box.
- Updating of existing promotion and education pieces and website.



Considerations & Decision Points Cont'd

Service for Non-Obligated Materials

- Niagara Region would be solely responsible for costs related to collection, haulage and processing of non-designated materials (ex. food storage bags, books (hard cover removed)).
- Removal of currently accepted materials may generate confusion for residents but it may be difficult to find a processor for non-obligated material.

Service at Depots

- Producers are not obligated to provide depot service if curbside collection provided; however, may chose to if required to meet targets.
- Potential costs related to depot reconfiguration requirements.
- Residential convenience maintained but need a processor.

Considerations & Decision Points Cont'd

Special Events Recycling

- Producers not required to provide Special Events Recycling. Continued provision of Special Events Recycling by Niagara Region would be contingent upon Niagara Region securing a processor.

Set Out Service

- Producers are not obligated to provide set out service to residents; however, Niagara Region may be able negotiate with producer to continue set out service for Blue Box Material (at our cost).

Transition Schedule

- Producers have ability to transition communities prior to date in regulation. Niagara Region could engage with PROs an earlier date.

Considerations & Decision Points Cont'd

Policies/Procedures/By-Law

- Niagara Region's Waste Management By-Law and several policies and procedures will need to be revised.

Waste Management Applications

- Customer Service Relations Management System, Collection Contract Database, Niagara Region Waste App, Geoware will need to be updated.



Next Steps

- Many of the above considerations and decision points will require further detailed analysis (ex. financial implications), negotiations and/or Council approval.
- Attend webinars hosted by the Ministry on Blue Box Regulations.
- Participation in industry sessions and subcommittees related to Blue Box transition.
- Report back to Committee and Council

Questions?

Subject: Blue Box Lids and Covers

Report to: Waste Management Planning Steering Committee

Report date: Monday, June 28, 2021

Recommendations

1. That the Waste Management Planning Steering Committee **RECOMMEND** to the Public Works Committee the following:
 - a) That staff **BE DIRECTED** to continue promoting the availability of recycling box lids and covers through public retail and on-line outlets, using Regional communication avenues, in place of offering recycling box lids or covers.

Key Facts

- This report is a response to a request from Councillor Foster at the April 13, 2021 Public Works Committee meeting for staff to reinvestigate nets as covers for curbside recycling boxes to support the reduction of litter observed in Niagara region communities.
- Niagara Region permits the use of alternate containers, including lids and covers, within the criteria of the Waste Management By-Law, to contain recyclable materials.
- Municipal pilot programs that tested the use of lids and covers on recycling boxes saw: low usage rates; overfilling of containers causing spilled materials upon collection; slower collection rates and injury to collection staff; compatibility issues between boxes and covers of different sizes; and loose and lost covers resulting in requests for replacement.
- Niagara's own pilot project in 2019/2020 resulted in the same conclusions as other municipal pilots.
- On June 3, 2021, the Government of Ontario finalized the Blue Box Regulation under the Resource Recovery and Circular Economy Act, 2016 requiring producers to operate and fund the collection and processing of residential blue box materials. Under this new framework the residential Blue Box program could look very different from Niagara's current box-based recycling program. Niagara's residential Blue Box program will transition over to the new framework on January 1, 2024.

Financial Considerations

Based on the budget pressures and restrictions that will continue into 2022, and the uncertainties presented by COVID-19, Waste Management Services continues to deliver essential services to our residents, businesses and community partners. Although the few municipalities that offer recycling box covers do so at full cost recovery, the issue of box lid/cover loss (dumped into collection trucks or blown away) will initiate a demand for free replacements.

Analysis

Municipalities Using Recycling Box Covers

Appendix A provides a list of those municipalities that are currently offering recycling box covers or a container with a lid as an option to residents. These five municipalities are offering the sale of optional recycling box covers/lids to residents at full cost. While most have noted that the covers help keep material from escaping when the boxes are blown over, they have also stated that use of the covers slows down collection times; and allows residents to overfill the containers causing the material to spill out once the covers are removed. These municipalities also noted that there has been low uptake for lids and covers.

Another observation included the complications in offering one standard lid to residents due to new procurement processes/vendors resulting in new recycling box sizes every few years. In order to avoid this problem, one municipality offers an optional mesh net that can be used on different sized containers. However, they have also noted, similar to the municipalities offering lids, that the collection contractor has expressed concerns regarding the increased time needed for collection with nets, as well as the tendency for residents to overfill these covered containers causing the material to spill out during collection. This spillage can add to the litter problem.

Municipalities that Decided Against Using Recycling Box Covers

Municipalities that have considered a cover for recycling boxes have to contend with the light nature of these covers and how they can be easily lost, accidentally deposited into recycling trucks, or blown away by wind. Additionally, consideration has to be made regarding the negative impact on collection efficiency rates and the impact on collection staff (i.e. difficulty maneuvering lids/covers with gloves, injury when nets snap back).

Appendix B lists a number of municipalities that considered the use of covers, but ultimately did not proceed with them. A number of concerns are cited in the appendix, however the most significant issues are noted below:

- Overfilling/overloading by residents caused material to spill when the covers were removed leading to increased litter
- An increase in collection times up to five seconds per household in comparison to the standard recycling box
- Covers were the least favourite resident option, when compared to the 121 L round container with a lid and transparent plastic bags
- Hard covered lids can only be used together with a recycling box that was manufactured by the same manufacturer
- Loose and lost covers can become part of the overall litter problem
- Despite some nets being attached with screws to recycling boxes, the nets still have a tendency to come off of the box and wind up in the truck with the recycling material
- Nets were found to be inefficient and difficult to remove by collection staff in the winter when collection staff are wearing gloves. In the summer, nets tend to snap back at the collection staff causing injury

Niagara Region's waste management staff piloted the use of lids in 2019/2020. Three months after the pilot was completed, only 11% of households were using the lid. Of those pilot households not using the lid, 20% were using clear bags or stacking their boxes to prevent recyclables from blowing around.

Staff recently looked at the recycling box net manufactured in England (recycleboxes.co.uk). This is a string net that stretches over the recycling box made of nylon with an elasticized fabric band to hold it around the box and 'grab and pull' release ribbons. Based on the experience of other municipal pilots, despite the style of the net, the same repeat issues are recognized (extra time to collect; residents overfilling boxes adding to litter problem upon collection; lost nets; replacement costs/concerns).

Collection Contracts

With respect to the use of recycling box covers/lids, Niagara Region's current collection contract states: *"Property Owners may use covers, such as lids or netting, for their Blue/Grey Boxes to prevent materials from blowing out. At present, a minority of property Owners use covers. The Successful Proponent must remove covers with care, so not to cause damage to them. If covers are completely removed by the Successful*

Proponent, the covers must be placed inside the empty Blue/Grey box and returned to the original set-out location.”

Collection staff from both of the Region’s current contractors have indicated a preference for clear bags over recycling box lids/covers to control the potential for litter. While clear bags can support containment of recycling material placed at the curb and reduce litter, clear bags also contribute to higher levels of contamination in the recycling stream as residents may combine both grey box and blue box materials inside of one bag. Clear bags also reduces the efficiency and productivity of the process. As such, recyclable items placed loose in curbside boxes is preferred as it supports a reduction in residue and a reduction in processing costs.

Both Niagara’s current collection contractors have been involved in pilots in other municipalities, and each contractor noted experiences with lids and covers that became warped/damaged or had been blown away by wind. Also noted was a rise in complaints from residents wanting replacements for the lost or damaged recycling box lids/covers. One Region contractor had concerns about a possible decrease in productivity should the prevalence of covers or lids increase; while the other Region contractor highlighted possible health and safety concerns as a result of the repetitive motion involved with routinely removing the recycling box lids/covers if the use of these lids became more wide-spread.

Both Niagara Region’s current collection contractors are performing well. Staff are concerned that the introduction of widespread recycling box covers may negatively impede their performance.

Extended Producer Responsibility

The Government of Ontario has finalized the Blue Box Regulation under the Resource Recovery and Circular Economy Act, 2016, on June 3, 2021 requiring producers to establish, operate and fund residential Blue Box collection and processing systems. The new responsibility framework and collection model in Niagara will be determined over the next two years and will be initiated on January 1, 2024.

The new framework operated by Producers could look very different from Niagara’s current box-based recycling program. Producers may not want recycling box covers due to the potential to slow down curbside collection and the probable need to continually replace covers for residents.

Current Approach

The current educational and promotional approach to dealing with wind-blown litter from curbside recycling boxes includes the following:

- Providing recycling boxes with a larger capacity of 83 litres to minimize the overfilling of recyclables
- Allowing alternate containers with a lid that is clearly marked 'Recycling' as an alternative recycling container, similar to the 121 L containers that are permitted in Richmond Hill, the City of Greater Sudbury and in Ottawa Valley
- Using clear bags - however clear bags are not preferred due to the negative impact on the Recycling Centre operations
- Advising residents that they are able to purchase and use their own recycling box covers and that these can be purchased at local department stores or through on-line vendors, for minimal cost
- Reminding residents that there are no limits to the quantity of recyclables that they are allowed to place at the curbside; and if conditions are windy, advising them to consider holding on to their recycling for set out the following week
- Reminding residents through promotional and educational outlets not to place containers or bags on top of, or behind snowbanks and instead shovel out a space for their waste and recycling material at the curb
- Using social marketing and outreach initiatives to encourage good recycling box set-out practices (i.e. placing heavier materials on top of lighter materials), and the promotion anti-litter campaigns
- Allowing for other containers as permitted in the Regional Waste Management By-Law, providing that they meet the following criteria:
 - Height: 3 feet (91 cm) or less
 - Diameter: 2 feet (61 cm) or less
 - Weight: 22.7 kg (50 lbs.) or less when full
 - Handles: Must have handles to pick up container

An information page has been developed and posted on Niagara Region's website to communicate the above tips to combat litter from curbside waste and recycling placement. The web page reminds residents that they are able to purchase and use their own recycling box covers/lids and that these can be purchased at local department stores such as Canadian Tire and Home Depot for a minimal cost.

Review

Based on the following Niagara Region recommends continuing with the current educational and promotional approach and not distribute covers/lids for curbside recycling boxes.

- results of the municipal blue box lid trials (including Niagara's);
- the potential impact to the safety and efficiency of collection staff;
- the availability of recycling box lids and covers in popular department stores/on-line at reasonable prices, and
- the uncertainty of the collection processes after the Residential Blue Box program transition to the Extended Producer Responsibility framework.

Alternatives Reviewed

Staff researched other municipal programs to determine use and effectiveness of lids and covers. Niagara Region also undertook a pilot to trial covers and lids in 2019 and 2020. Based on the content of this report, including the results of a Niagara Region pilot project, Staff are not recommending that Niagara Region distribute covers or lids for curbside recycling boxes.

Relationship to Council Strategic Priorities

The Region's recommendation to not use curbside recycling box lids/covers supports Council's strategic priority of Responsible Growth and Infrastructure Planning. Promotion of anti-litter strategies, as well as the use of alternate containers, and the availability of recycling box lids and covers at common retail outlets will encourage those that are interested in these tools to use them as we wait on large scale transition plans of the Blue Box program to full producer responsibility beginning in Niagara on January 1, 2024.

Other Pertinent Reports

Previous updates on recycling container covers and options to reduce windblown litter were presented to the Waste Management Planning Steering Committee on:

- July 7, 2014: WMPSC-C 28-2014;
- June 26, 2017: WMPSC-C 25-2017;
- February 25, 2019: WMPSC-C 11-2019;
- October 28, 2019: WMPSC-C 37-2019; and

- February 22, 2021: WMPSC-C 11-2021

These memos outline the Region's consideration of recycling container cover options; the pros and cons related to these options; and the evaluation regarding recycling carts with lids. The memos also summarize the progression and development of how Niagara Region has addressed the issue of litter; Niagara's blue box lid pilot; and the results of recycling box cover pilots in other municipalities.

Prepared by:

Lucy McGovern
Collection and Diversion Program
Manager
Waste Management Services

Recommended by:

Bruce Zvaniga, P.Eng.
Commissioner of Public Works (Interim)
Public Works

Submitted by:

Ron Tripp, P.Eng.
Acting Chief Administrative Officer

This report was reviewed by Dan Ane, Manager Program Financial Support and Catherine Habermehl, Director of Waste Management Services.

Appendices

Appendix A	Municipalities Currently Using Recycling Blue Box Covers
Appendix B	Municipalities Which Considered Using Recycling Box Covers

Municipalities Currently Using Recycling Box Covers

Municipality	Manufacturer/ Cover Type	Method of Purchase	Additional Comments
Oxford County (population: 110,900) 2016	<ul style="list-style-type: none"> - Peninsula Plastics - Hard plastic cover - Fits 16 and 22 gallon boxes 	<ul style="list-style-type: none"> - The covers are sold at municipal offices only - Sold for \$2.70 each (price not subsidized) 	<ul style="list-style-type: none"> - Lids used more by residents in rural areas - Estimate participation rate to be about 25% - Encourage residents to secure material by placing heavier items on top and avoiding setting out on windy days.
Richmond Hill (population: 235,025) 2020	<ul style="list-style-type: none"> - Busch Systems - 32 gal. round container with lid 	<ul style="list-style-type: none"> - Round container with lid available for \$42.04 inclusive of HST 	<ul style="list-style-type: none"> - Large round container with lid was preferred by residents over standard blue box with lid - Do not provide separate lids. Lids only sold together with container - Small uptake, likely due to higher price point - City allows residents to buy different 121 litre round containers with lids from retailers, as long as they are blue - Noted that collection contractor reserves right to charge an additional fee for collection if these containers become common
Simcoe County (population: 307,100) 2016	<ul style="list-style-type: none"> - Various lids as the lid must change based on the changes in blue box vendors. 	<ul style="list-style-type: none"> - Lids available upon request and sold through customer service department - Can be purchased for \$5 - No subsidy 	<ul style="list-style-type: none"> - Each blue box vendor sells a corresponding lid. With each new box contract, lids must change which is problematic. - Lid is generally purchases subsequent to the boxes - Only sell about 1 to 2 lids each year, but that is likely a result of the lack of promotion. - Not making them widely available because it slows down collection.

Municipality	Manufacturer/ Cover Type	Method of Purchase	Additional Comments
			<ul style="list-style-type: none"> - Promotion of stacking recycling boxes with lighter material in the bottom box.
City of Greater Sudbury (population: 161,531) 2016	<ul style="list-style-type: none"> - Busch Systems - “Big Blue” round 121 litre blue can with cover (single stream) 	<ul style="list-style-type: none"> - Big Blue with lid is sold for \$10 from the Recycling Centre and from Citizen Service Centres - City subsidy on Big Blue container of \$22 per unit until 2026 - Replacement lids sell for \$12 each - no subsidy - Recycling boxes with no cover are still available for use – no charge 	<ul style="list-style-type: none"> - Typical box lids are not interchangeable with different sized recycling boxes. - The City did not want to give away a free lid with every recycling box due to cost. - Tried nets, but they injured collection staff when they snapped open - Residents needed to install nets on boxes with screws. In cold weather, boxes would crack and break more easily at the installation point. - Nets are more expensive than the recycling boxes - Limited interest in Big Blue containers with lids, despite hefty subsidy. Between 1,000 to 1,500 are sold each year. - City suggest that residents write address on lid and container in case they blow away. - Residents are dismayed at the \$12 Big Blue lid replacement cost
Ottawa Valley Town of Petawawa:	<ul style="list-style-type: none"> - VIP Group Enviroweb Mesh Nets 	<ul style="list-style-type: none"> - Available for sale at Ottawa Valley Waste Recovery Centre and through the 	<ul style="list-style-type: none"> - Nets can be used on recycling boxes and on 121 litre yellow containers - While the nets work when the containers blow over to keep material in, residents can overfill

Municipality	Manufacturer/ Cover Type	Method of Purchase	Additional Comments
<p>population 17,187) 2016</p> <p>Township of Laurentian Valley: population 9,387) 2016</p> <p>Pembroke: population 13,882) 2016</p>		<p>municipalities for \$6.00</p>	<p>the containers and when the nets are removed, the material spills out.</p>

Municipalities Which Considered Using Recycling Box Covers

Municipality	Reasons for Not Pursuing Recycling Box Covers
Town of Markham (population: 328,966)	<p>The Town decided not to provide recycling box covers for the following reasons:</p> <ol style="list-style-type: none"> 1) The contractor found the blue box covers unsuitable, as residents tended to overfill them and material would spill when cover was removed; and 2) In winter, the covers became sticky from residue and material would stick to them, especially if snowing and freezing. <p>The Town will also not be allowing residents to use blue bags for recycling, as the York Region Material Recovery Facility will not accept bags.</p>
Region of Peel (population: 1,382,000)	<p>The Region decided not to provide recycling box covers for the following reasons:</p> <ol style="list-style-type: none"> 1) The areas with the blue box covers had the highest collection time with an increase in up to 5 seconds per household, in comparison with a standard recycling box; 2) Improper use of netted recycling boxes including overloaded netted boxes; 3) Significant annual increase in collection costs for mesh nets and plastic bonnets (\$3.6 million); and 4) Covers were least favourite of three container type options (other two were 121 litre container and blue plastic bags) by collection staff. <p>The Region of Peel switched to a bi-weekly recycling cart-based collection system as part of its new collection contract, which commenced in 2016. Organic carts are collected on the alternate weeks as recycling carts.</p>
City of Kingston (population: 129,653)	<p>The City tested three types of covers in a 2013 pilot of 100 households:</p> <ol style="list-style-type: none"> 1) Peninsula Plastics snap-on cover, which can only be used with Peninsula Plastic brand recycling boxes; 2) The EnviroWeb mesh net, which can be used on most standard curbside recycling boxes; and 3) The KITEE fabric cover, produced by a local resident, which can be used on most standard curbside recycling boxes. <p>Based on the results of this pilot, it was determined that it would not be feasible to introduce the covers due to the extra time that would be added</p>

Municipality	Reasons for Not Pursuing Recycling Box Covers
	to collection routes and the potential for increased costs for collection. The City would not consider allowing covers as part of their next contract.
Region of Halton (population: 548,435)	<p>The Region considered doing a pilot project in 2010, but decided against it for the following reasons:</p> <ol style="list-style-type: none"> 1) The research the Region did on available covers at the time was not conclusive; and 2) The cost and time involved in doing a study was prohibitive. <p>Instead, the Region decided to focus on promotion and education measures to educate residents on how to avoid litter issues.</p>
City of Kawartha Lakes (population: 190,000)	<p>The City of Kawartha Lakes used to offer hard metal recycling box covers to residents for purchase for \$5. The City stopped offering this service as their supplier (Green Marketing Co.) for the hard metal covers stopped producing this product. The City of Kawartha Lakes noted that there was minimal interest from residents in purchasing these lids.</p>
County of Essex (population: 181,53)	<p>The County of Essex conducted a 3 month pilot project on 200 houses in the County and City. The pilot tested using the plastic, elasticized Bonnet to cover the Blue Box. The project was completed in 2008. At the time the product was not available by retail and cost approximately \$4.50 for a package of three. The County of Essex does not currently offer Blue Box covers or lids.</p>
Region of Durham (population: 645,862)	<p>In June of 2018, Region staff recommended a pilot project to reduce Blue Box related litter through a combination of education and the provision of additional bins to residents. Staff recommended against Blue Box lids for the following reasons:</p> <ol style="list-style-type: none"> 1) Blue box lids have not worked in the past as the lids come off and become part of the litter problem. 2) Attached lids present a pinch point hazard to recycling collectors 3) Mesh covers encourage residents to overfill boxes, leading to increased litter when the cover is removed by the collector and the compacted recycling falls out of the container. <p>In 2019, recycling box lids were distributed to 400 homes. In the fall of 2020, a litter audit was completed and it was found that only 24 households (6%) were using the provided lids. The low participation made it difficult to</p>

Municipality	Reasons for Not Pursuing Recycling Box Covers
	<p>evaluate the relationship between the litter generated and the presence of lids. Additional lids have been distributed to 600 additional homes and a follow up audit was completed in the Spring of 2021. Durham will determine how they proceed once the results of the follow up audits have been tabulated.</p>
<p>Niagara Region (population: 447,888)</p>	<p>In November 2019 one blue box and rigid lid was distributed to 349 homes with a promotional card and survey to educate on the use of the provided tools to reduce litter caused by recycling set outs. Three months after distribution in February 2020, only 72 households (21%) were observed to be using the lids in week one, and that shrunk to only 39 households (11%) using the lids in week 2. Of those pilot households that were observed <u>not</u> to use the provided box and lid, other litter reducing tactics were found to be practiced by 20% of the pilot households (i.e. stacking boxes and clear bags).</p> <p>Based on the uncertainty of the collection processes after the transition to the EPR framework, the poor results of the municipal blue box lid trials; the potential impact to the safety and efficiency of collection staff; and the availability of recycling box lids and covers in popular department stores at reasonable prices, Niagara Region did not recommend the use of recycling box covers.</p>

MEMORANDUM

WMPSC-C 21-2021

Subject: Councillor Information Request

Date: Monday, June 28, 2021

To: Waste Management Planning Steering Committee

From: Catherine Habermebl, Director of Waste Management

This memorandum is intended to provide Committee members with an update on the outstanding Councillor Requests from previous meetings.

Waste Management Planning Steering Committee

Meeting Date: August 26, 2019

Minute Item #3.1:

That staff BE DIRECTED to meet with Nespresso Canada to consider implementing the Nespresso “Green Bag” pod recycling program in Niagara Region and report back with options in January 2020.

Follow-up Action: Information was submitted to Waste Management Planning Steering Committee for the January 27, 2020 meeting, which was cancelled due to a lack of quorum. Due to the pandemic, the redeployment of staff and implementation of the new collection contracts, this work was paused. This work is being reinitiated and staff will report back with an update when available.

Status: In progress

Meeting Date: May 30, 2016

Minute Item #6.6:

Provide information outlining options for the Material Recovery Facility pending legislative changes. (WMPSC-C 25-2016) Councillor Petrowski.

Follow-up Action: An evaluation of opportunities with regard to the Material Recovery Facility (MRF) is in progress as part of Phase 4 of the MRF Opportunity Review. Direction for the next major steps in the evaluation were contained in Confidential Report PW 17-2020. The project consultant is in the process of developing the terms of

reference for the Negotiated Request for Proposal, with a targeted release in Q3 2021. The most recent project update is contained in PW 28-2021 which was submitted to the June 15, 2021 Public Works Committee meeting.

Status: In progress

Public Works Committee

Meeting Date: January 12, 2021

Minute Item #8.5

Councillor Insinna requested information respecting the investigation of illegal dumping incidents, including staff time and outcomes. Bruce Zvaniga, Interim Commissioner, Public Works, advised that staff would provide a report at a future Public Works Committee meeting.

Follow-up Action: WMPSC-C 10-2021 which was provided to WMPSC at the February 22, 2021 meeting and WMPSC-C 18-2021 as part of the April 19, 2021 WMPSC meeting package. Both of these information memorandums were provided to Councillors through the Weekly Correspondence on June 11, 2021.

Status: In progress

Meeting Date: March 10, 2020

Minute Item #3.2: MOTION

That the engagement of an outside independent waste management consultant BE APPROVED To:

- Review the current practices related to garbage collection and recycling/recycling materials recovery facility; and
- To make recommendations on how the system can be made more cost effective and efficient for the taxpayer.

Follow-up Action: Work was initiated in 2020, however due to the implementation of the new collection contracts, the pandemic and related redeployment of staff, this project was paused. This work is anticipated to be completed in the summer of 2021.

Status: In progress

That staff **BE DIRECTED** to take the results of the review and work with the newly awarded companies and the operators of the material recovery facility to implement the suggestions over the term of the contract subject to Regional Council approval.

Follow-up Action: The review is in progress and the resulting recommendations will be submitted to Public Works Committee for approval.

Status: In progress

Provide information respecting the cost of an independent waste management consultant. Councillor Chiocchio.

Follow-up Action: Due to the implementation of the new collection contracts, the pandemic and related redeployment of staff, this project was paused. This work is being reinitiated and staff will report back with this information when available.

Status: In progress

Budget Review Committee of the Whole

No outstanding waste management related items at this time.

Committee of the Whole

No outstanding waste management related items at this time.

Council

No outstanding waste management related items at this time.

COMPLETED ITEMS

Waste Management Planning Steering Committee

Meeting Date: February 22, 2021

Minute Item #8:

Councillor Ugolini requested staff undertake further communication plans to reinforce contact information to report incidents of illegal dumping.

Public Works Committee

Meeting Date: January 12, 2021

Minute Item #4.1

Consider conducting a survey for resident satisfaction on the new campaign. Councillor Nicholson.

Consider focused campaigns for illegal dumping hot spots. Councillor Foster.

Provide information respecting sites frequently used for illegal dumping throughout the region. Councillor Foster.

Connect with staff at the City of Niagara Falls and the City of St. Catharines respecting Regional support for illegal dumping incidents in their respective municipality.
Councillors Diodati and Sendzik.

Minute Item #7

Provide information to the Waste Management Planning Steering Committee respecting the Waste Management Strategy RFP (PWC-C 2-2021). Councillor Zalepa.

Meeting Date: October 13, 2020

Minute Item #3.1

Provide information respecting the Niagara Region Waste App's ability to track real-time collection vehicle movement in the future. Councillor Diodati.

Meeting Date: September 8, 2020

Minute Item #3.1

Provide information respecting the staff costs(s) associated with the Waste info-Line.
Councillor Gale.

Minute Item #5.3

Provide information respecting the cost of Niagara Recycling's scale operations.
Councillor Gale.

Provide information respecting the annual value of the Niagara Recycling contract.
Councillor Gale.

Provide a copy of the most recent financial audit/report on Niagara Recycling. Councillor Gale.

Respectfully submitted and signed by

Catherine Habermehl
Director of Waste Management Services

MEMORANDUM

WMPSC-C 22-2021

Subject: Ontario Waste Management Association State of Waste in Ontario - Landfill Report

Date: Monday, June 28, 2021

To: Waste Management Planning Steering Committee

From: Andrew Winters, Program Manager, Waste Disposal Operations

This memorandum is intended to provide Committee members with an update on the Ontario Waste Management Association (OWMA) report on the status of landfills and waste generated in Ontario.

Background

The OWMA is the largest waste/resource management trade association in Canada, representing members from both the private and public sector including municipalities. The OWMA embarked on a major data collection and analysis initiative in 2015 to better understand data related to waste management in the province and issued the first State of Waste Report in February 2016. The OWMA completed a subsequent report in 2018 and recently issued its third state of waste report in 2021. The purpose of these reports is to examine Ontario's remaining landfill capacity in order to allow for more informed policy decisions for the waste management sector.

Report

The OWMA's 2021 State of Waste - Landfill Report in Ontario is based on data from 2019 and is focused on two key factors - the amount of waste generated in Ontario and the remaining available landfill capacity in the province based on current practices. In 2019, 11.986 million tonnes of Ontario's waste was disposed in landfills (note: this does not include waste sent to open industrial landfills or small / remote landfills). Of that amount, 73% was disposed in Ontario landfills, while 27% was exported to landfills in the United States, primarily in Michigan. It is worth noting that Ontario is generating 6.2% more waste compared to 2018.

As of 2019, Ontario landfill capacity was 144.5 million tonnes or an increase of 21.5 million tonnes compared to 2018. The increase is mainly attributed to the approval of new landfill capacity since the last report. The capacity increase since 2018 represents an additional 2.5 years of landfill capacity in Ontario. Overall, the capacity as per the report, translates to an estimated 14.5 years of landfill capacity in Ontario (depleted in 2036) if Ontario continues to rely on exporting approximately 27% of waste to landfills in the United States. Ontario will exhaust its landfill capacity in 2032 if 27% of waste is no longer exported.

Of the remaining landfill capacity in Ontario, private landfills account for 53% (36% in 2018) of available capacity while the remaining 47% (64% in 2018) resides in public landfills. Additionally, 60% of the remaining capacity is contained in seven sites across the province. Furthermore, 85% of Ontario's remaining capacity is contained in fifteen sites (both public and private) across the province.

As a point of reference, Niagara Region delivered 39,400 tonnes of curbside collected waste to Walker's Landfill (a privately owned facility) in 2020 and 74,000 tonnes of total waste material was landfilled at Niagara Region landfill sites (Humberstone and Niagara Regional Road 12). In 2019, the Humberstone site received approval from the Ministry of Environment, Conservation and Parks for a vertical expansion adding approximately 1.6 million tonnes of capacity.

Niagara Region is well positioned in terms of landfill capacity over the next 25 years. Niagara Region operates two municipally owned landfills - Humberstone (Welland) and Niagara Road 12 (Grimsby). As of January 2021, Humberstone has 25 years of capacity remaining after receiving approval from the Ministry of Environment, Conservation and Parks for a vertical expansion of the landfill. The Niagara Road 12 landfill site has approximately 40 years of remaining capacity as of January 1, 2021 based on the current landfill practices.

Additionally, Niagara Region has a contract with Walker's Environmental Group that allows for the landfilling of up to 100,000 tonnes of Niagara Region curbside collected waste annually. The contract with Walker's is scheduled to expire in 2031.

Respectfully submitted and signed by

Andrew Winters
Program Manager, Waste Disposal Operations

MEMORANDUM

WMPSC-C 24-2021

Subject: Hazardous and Special Products (HSP) Regulation

Date: Monday, June 28, 2021

To: Waste Management Planning Steering Committee

From: Emil Prpic, Associate Director, Waste Disposal Operations and Engineering

This memorandum is intended to provide Committee with an update on the upcoming Hazardous and Special Products (HSP) Regulation.

Update

In report PW 21-2021, staff informed Public Works Committee on April 13, 2021 that the upcoming Provincial HSP regulation would replace the current Municipal Household or Special Waste (MHSW) program and take effect on July 1, 2021. Staff submitted comments to the Environmental Registry of Ontario prior to the deadline of March 28, 2021.

On April 29, 2021, based on stakeholder comments, the Minister of Environment, Conservation and Parks (MECP) delayed the implementation of the HSP regulation until October 1, 2021.

On June 8, 2021, the final regulation (Reg. 449/21) was filed and has been posted to the Environmental Registry. Staff will review the final regulation and provide an update at a future Public Works Committee meeting.

Overview of the Hazardous and Special Products Regulation

As outlined in PW 21-2021, the proposed HSP regulation would require Producers to establish a collection system, manage and properly dispose of materials collected, and report and keep program records. Under the proposed regulation, Niagara Region will transition from the current MHSW program, which ceases on September 30, 2021, to

full producer responsibility on October 1, 2021 and would apply to all designated materials.

Staff submitted a number of comments as part of Niagara Region's submission to the Environmental Registry. Niagara Region's comments were focused on the following:

- Niagara Region supports the Association of Municipalities Ontario's (AMO) request to the MECP to delay the implementation of the HSP regulation.
- In addition to the current list of designated materials, the proposed regulation should identify which materials will be designated in future and timelines of when they will be added. The list of designated materials should be consistent with AMOs submission to the MECP in July 2020.
- Collection targets for all materials should be established in order to provide incentive to Producers to collect and manage HSP. A lack of targets may result in materials being inappropriately disposed.
- Producers should be required to report on the amount of material collected and therefore management targets must be included in the regulation.
- Producers should be required to collect any designated HSP that has been illegally dumped or reimburse municipalities for collecting such materials.
- Robust promotion and education campaigns / activities are needed to inform the public on how materials are to be managed and to encourage participation.
- The proposed HSP regulation should not require municipalities to accept any designated materials e.g. mercury containing devices.
- Annual performance audits need to be completed in order to determine program effectiveness.

Report PW 21-2021 provides a detailed summary of the proposed HSP Regulation and comments submitted by Niagara Region to the Environmental Registry.

Respectfully submitted and signed by

Emil Prpic
Associate Director, Waste Disposal Operations and Engineering

MEMORANDUM

WMPSC-C 25-2021

**Subject: Humberstone Landfill Public Liaison Committee Meeting Notes
May 5, 2021**

Date: Monday June 28, 2021

To: Waste Management Planning Steering Committee

From: Jamie Kristjanson, Hydrogeologist & Environmental Engineer

The Humberstone Landfill Public Liaison Committee (PLC) meeting took place on Wednesday, May 5, 2021 at 7:32 pm. The meeting notes are attached as Appendix A.

Respectfully submitted and signed by

Jamie Kristjanson
Hydrogeologist & Environmental Engineer
Waste Management Services

Appendix A Humberstone PLC Meeting notes of May 5, 2021

NIAGARA REGION
WASTE MANAGEMENT SERVICES DIVISION
HUMBERSTONE LANDFILL SITE PUBLIC LIAISON COMMITTEE

Notes of a meeting of the Humberstone Landfill Site Public Liaison Committee (PLC)
held through ZOOM May 5, 2021.

ATTENDANCE

Committee: Jay Mitchell
Dwayne White
Pat Chiochio, Regional Councillor
Jim Larouche, Councillor City of Welland

Staff: Jamie Kristjanson, Hydrogeologist Environmental Engineer
Sandy Sawatzky, Waste Management Clerk/Program Administrator
Mariano Singzon, Supervisor Waste Disposal Operations

Regrets: Chris Machulla
Jordan Price
Mary Lynn McConnery
Emil Prpic, Associate Director Disposal Operations & Engineering

1. ACCEPTANCE OF AGENDA

- The agenda was accepted and the meeting called to order at 7:32 pm.
- Committee members approve.

Moved by: Dwayne White
Seconded: Jay Mitchell

Carried

2. Voting of Chair or Interim Chair

- Voting of Chair deferred to meeting with all members. Jim Larouche accepted the role of Acting Chair for the meeting.

Moved by: Jay Mitchell
Seconded:

Carried

3. APPROVAL OF PREVIOUS NOTES

Notes of the November 25, 2020 meeting.

- Brief discussion of the Notes and no issues brought forward.

Motion: to accept the Meeting Notes

Moved by: Jay Mitchell

Seconded: Dwayne White

Carried

4. LEACHATE INFLUENCE ON GROUNDWATER AND SURFACE WATER (INFORMATION REQUEST)

- In the November 25, 2020 meeting the PLC requested a short presentation on how leachate can impact groundwater and surface water at the Site. Staff provided a written summary in the Agenda package which is divided into Groundwater and Surface Water, how the landfill affects each, and what monitoring procedures the Region has in place to determine if the landfill is impacting groundwater or surface water. During the meeting Jamie Kristjanson presented a Powerpoint presentation further summarizing this topic.

5. UPDATE ON THE HUMBERSTONE LANDFILL EXPANSION CONSTRUCTION

- All of the four stormwater detention ponds are now enlarged to meet the requirements of the vertical expansion. Pond 4 on the north side of the Landfill was completed spring 2021.
- The Secondary Leachate Collection System located in the southwest corner of the Landfill (where the leachate collection system is shallower) is complete, except for the installation of the pump in the new pumping station. The pump is scheduled to be installed mid-May.
- The Region will retain services to install Phase 3 of the Landfill gas collection system. There will be 15 new perforated collection lateral pipes installed in the area north of the scalehouse which will comprise 3.2 kilometers of pipe.

6. UPDATE ON LANDFILL OPERATIONS

- During COVID the Landfill operations have not changed significantly from 2019. A few measures that were implemented include limiting the number of vehicles at the Drop-Off Depot, and changes on how payment transactions take place. However, during the recent Ontario stay-at-home order the number of vehicles at the Drop-Off Depot increased significantly. For example the average vehicle count for a Monday before the lockdown was 500 and during the lockdown ranges from 600-800.
- There is a pilot project looking into real-time tracking and reporting of vehicle count and wait-times at the landfill. The concept is similar to what restaurants have, that can be broadcasted to the public via website or social media news blast. The technology is based on counting the number of cellular phones

detected at the Site. It is noted that it is only a phone count, and no telephone numbers or other personal information are collected.

- The Compost Giveaway is scheduled for the week of May 24 to May 29. However, if the Ontario stay-at-home order is extended then the Compost Giveaway will have to be re-scheduled.
- The current contract for the landfill operations contractor is expiring and the Region is going out to tender. This may result in a new contractor operating the landfill.
- Based on recent site capacity estimates, there may be up to 5 more months remaining to landfill in the original site capacity before the new expansion capacity will start to be utilized. A member asked if this is when the royalty payment will start to the City of Welland. Region staff responded that they were not privy to the details of the agreement between the Region and the City on this topic, but that staff will inquire and provide an answer to the Committee.
- There has been an increase in after-hours trespassing, vandalism, theft and arson at the Landfill. Staff have been working with the police and the Region's risk management staff to come up with a plan to reduce this after-hours activity. There are security cameras at the Site but have shown they are not a preventive measure. Part-time security likely will also not be a deterrent. Full-time security may be an effective but costly option.

7. OTHER BUSINESS

- No other business.
- Suggested dates for the next meeting to be sent to the Committee.

8. ADJOURNMENT

Moved by:

Seconded:

Committee adjourned at 8:10pm

Carried

Cc Lisa Benvenuti MECP on meeting notes

**THE REGIONAL MUNICIPALITY OF NIAGARA
WASTE MANAGEMENT PLANNING STEERING COMMITTEE
MINUTES**

**WMPSC 2-2021
Monday, April 19, 2021
Meeting held by Video Conference**

Committee Members Present: Councillors Butters, Diodati, Edgar, Fertich, Gibson, Rigby, Ugulini (Committee Chair), Witteveen (Committee Vice-Chair); J. Bacher, H. Washuta

Absent/Regrets: Bellows, Bradley (Regional Chair)

Staff Members Present: K. Ashbridge, Supervisor, Waste Management Services, C. Habermebl, Director, Waste Management Services, P. Kryger, Project Manager, Waste Management Services, L. McGovern, Program Manager, Waste Management Services, S. McPetrie, Waste Management Services Advisor, A. Mosca, Waste Management Engagement and Education Coordinator, A.-M. Norio, Regional Clerk, E. Prpic, Waste Disposal Operations & Engineering, L. Torbicki, Manager, Waste & Policy Planning, M. Trennum, Deputy Regional Clerk, B. Whitelaw, Program Manager, Policy & Planning, B. Zvaniga, Interim Commissioner, Public Works

1. CALL TO ORDER

Committee Chair Ugulini called the meeting to order at 9:01 a.m.

2. DISCLOSURES OF PECUNIARY INTEREST

There were no disclosures of pecuniary interest.

3. PRESENTATIONS

3.1 Overview of the Waste Management Long Term Strategic Plan

Catherine Habermebl, Director, Waste Management Services, provided information respecting Overview of the Waste Management Long Term Strategic Plan. Topics of the presentation included:

- Long Term Strategic Plan Development
- Key Deliverables:
 - Assessment of Current System - 'Where We Are'
 - Development of Direction and System Options - 'Where We Want to Go'
 - Preferred System - 'How We Are Going to Get There'
- Stakeholder Consultation
- Project Milestones

3.2 Overview of Waste Management Capital Projects

Peter Kryger, Project Manager, Waste Management Services, provided information respecting Overview of Waste Management Capital Projects. Topics of the presentation included:

- Supervisory Control and Data Acquisition (SCADA) Design and Implementation
- Humberstone Infrastructure Upgrades
- Drop Off Depot Upgrades
- Glenridge Passive Gas Venting System (PGVS)
- Glenridge Leachate Collection System (LCS) Improvements
- Mountain Road LCS Improvements
- Quarry Road Landfill Leachate Treatment Upgrades
- Capital Budget - 2022

4. DELEGATIONS

There were no delegations.

5. ITEMS FOR CONSIDERATION

5.1 WMPSC-C 12-2021

Updated Waste Management Planning Steering Committee's Terms of Reference

Moved by Councillor Diodati
Seconded by Councillor Edgar

That Report WMPSC-C 12-2021, dated April 19, 2021, respecting Updated Waste Management Planning Steering Committee's Terms of Reference, **BE RECEIVED** and the following recommendation **BE APPROVED**:

1. That the updated Waste Management Planning Steering Committee (WMPSC) Terms of Reference, attached as Appendix B to Report WMPSC-C 12-2021, **BE APPROVED**.

Carried

6. CONSENT ITEMS FOR INFORMATION

Moved by Councillor Gibson
Seconded by Councillor Rigby

That the following items **BE RECEIVED** for information:

WMPSC-C 15-2021
Recycled Glass Sand Used for Stormwater Management

WMPSC-C 17-2021
2019 Waste Management Benchmarking Report

WMPSC-C 18-2021
2021 Illegal Dumping Campaign

WMPSC-C 20-2021
Update on Contractor Performance Following the Commencement of the
Curbside Collection, Haulage of Garbage, Recycling and Organics Contracts

WMPSC-C 19-2021
Councillor Information Request

WMPSC 1-2021
Waste Management Planning Steering Committee Minutes – February 22, 2021

Carried

7. OTHER BUSINESS

7.1 Waste Management Collection Contract

Councillor Witteveen requested information respecting waste management collection progress since the change from weekly to bi-weekly waste collection. Catherine Habermehl, Director, Waste Management Services, advised that a memorandum would be provided at the Public Works Committee meeting being held on May 11, 2021.

8. NEXT MEETING

The next meeting will be held on Monday, June 28, 2021 at 9:00 a.m.

9. ADJOURNMENT

There being no further business, the meeting adjourned at 9:42 a.m.

Councillor Ugulini
Committee Chair

Matthew Trennum
Deputy Regional Clerk

Ann-Marie Norio
Regional Clerk