



City of
Peterborough

To: **Members of the Peterborough Environmental Advisory Committee**

From: **Michael Papadacos, Manager of Infrastructure Management Division**

Meeting Date: **May 19, 2021**

Subject: **Report PEAC21-017
Climate Initiatives Update**

Purpose

A report to provide the PEAC with an update highlighting corporate and community climate initiatives from April to May 2021.

Recommendation

That the PEAC approve the recommendation outlined in Report PEAC21-017 dated May 19, 2021 of the Manager of Infrastructure Management Division, as follows:

That the report be received for information.

Budget and Financial Implications

There are no budgetary or financial implications associated with the recommendation.

Background

The City of Peterborough continues to pursue greenhouse gas (GHG) emission reductions by developing and implementing strategic climate initiatives, along with incorporating resiliency throughout the community and within City operations. The following climate actions highlight new or ongoing projects within Peterborough.

Climate Initiatives Updates

Anti-Idling Sign Initiative

To lessen the impact of pollution from vehicle idling near Peterborough schools, parks, daycares, and the hospital, new anti-idling signs are currently being installed. As of May 10, a total of 50 signs have been positioned throughout the community. The remaining 25 signs are slated to be installed throughout May. In addition, updated anti-idling brochures have been delivered to Parking Enforcement to be used as an educational tool to improve driver awareness of the anti-idling bylaw. A sample is attached in Appendix A.

Community Climate Change Resilience Strategy (CCCRS)

In advance of the finalized resiliency strategy, staff have identified that 35 supporting adaptation actions from the 62 proposed in the draft CCCRS, are currently being developed and are at various stages of implementation. This includes supporting actions being managed by the City and other community organizations. The subsequent remaining adaptation actions are still undergoing an implementation review of roles and responsibilities.

Curtis Creek Channel Improvements – National Disaster Mitigation Program (NDMP)

The City was successful in securing up to \$225,000 in funding to complete the detailed design of the Curtis Creek Channel Improvements from the NDMP, a key Climate Adaptation project. The project includes channel widening, bank erosion stabilization and regrading to increase capacity, reduce bank erosion and improve hydraulics. The work is recommended through the Curtis Creek Flood Reduction Master Plan and will complete the watercourse improvements to further mitigate the flood damage within the Curtis Creek watershed and East City area.

The design deliverables are scheduled to be completed by March 31, 2022.

The Curtis Creek Flood Reduction Master Plan can be found here:

<https://www.peterborough.ca/en/city-services/resources/Documents/Flood-Reduction-Studies/Curtis-Creek-Flood-Reduction-Class-EA---Final-Report.pdf>

Environment and Sustainability Corporate Webpage Refresh

To improve user readability of sustainability and climate change content, the City is refreshing the Environment and Sustainability corporate webpage. The redesign will enhance how information is presented and include new features to ease navigability. The page will also embed the Sustainability and Climate Change ConnectPTBO link to direct traffic to the engagement platform.

The refresh is anticipated to be completed by September.

Fire Station 2 – Zero Carbon Building Approval

On April 26, 2021 City Council approved Report CAOFS21-004 that recommended staff submit an application to the Federation of Canadian Municipalities' Green Municipal Fund for Capital Project New Construction Energy-Efficient Facilities to receive funding and establish a loan agreement to construct a net-zero fire station. The location for the new fire station will be built on the site of the soon to be demolished Northcrest Arena.

The first workshop on the Net Zero Design Strategy will be held May 27, 2021.

Peterborough Transit Bicycle Rack Pilot

To promote transportation mode shift for community members, bicycle racks were installed on some Peterborough Transit buses on May 4. Mounted bus bike racks will support cycling by increasing commuter flexibility and overcoming barriers to cycling such as during periods of inclement weather, topographic obstacles, and nighttime travel. Three bus routes (4 - Weller, 5 - The Parkway, 8 - Monaghan) have been selected for the pilot. The bus racks were sponsored by Wild Rock Outfitters Inc. in Peterborough. Additional information can be found at the links below:

<https://www.peterborough.ca/en/news/bike-racks-on-buses-pilot-program-launches.aspx>.

<https://youtu.be/x4kocO7QhH4>

Stormwater System Model & Flood Risk Mapping Development – NDMP

The City was successful in its application to receive \$400,000 for the storm model and flood risk mapping project from the NDMP. The storm sewer and flood model/mapping study will support assessing the performance of the existing storm sewer network and water resource system. This will be the primary flood risk management tool for the City. This flood risk intelligence will enable the City to be better prepared for the risk of an extreme weather event.

The sewer model and flood risk mapping are projected to be completed by March 31, 2022.

The Link Rural Transit Route Pilot Established

On May 3, The Link rural transit service was launched with two routes that will serve commuters in Selwyn Township and Curve Lake First Nation. The bus service will reduce GHG emissions of cars commuting to Peterborough on regional roads and increase access to city services for area residents without a vehicle in the county. The

Link was funded by the Province of Ontario in partnership with Selwyn Township, Curve Lake First Nation, Community Care Peterborough, and the City of Peterborough.

The pilot project is funded until March 2025.

Other Initiatives

The following are completed climate action projects:

- Green Economy Peterborough launched on April 22, 2021
- Sustainable IT Procurement workshops completed on May 4, 2021

There are no new updates for the following climate initiatives at this time:

- “Climate Action at Home” Video Series with GreenUP
- Community Solar PV Potential Survey project with Fleming College
- Home Energy Efficiency Project application through FCM
- Municipal Natural Asset Initiative (MNAI) Pilot Project
- Stormwater Smart Grid Pilot Project application through FCM
- Sustainable IT Total Cost of Ownership Project
- Zero Emission Vehicle Infrastructure Project application with Hydro One

Submitted by,

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Attachments:
Appendix A – Anti-idling Brochure