

Peterborough Environmental Advisory Committee Meeting Agenda

June 16, 2021

5:30 p.m.

Electronic Meeting

	Pages
1. Call to Order	
2. Confirmation of Minutes	
2.a. May 19, 2021	1 - 3
3. Disclosure of Pecuniary Interest	
4. Consent Agenda	
5.c.	
5. Reports and Communications	
5.a. Fire Station 2 Net-Zero Design Update Report PEAC21-018	4 - 5
5.b. PSAB and Natural Assets on Financial Statements Report PEAC21-020	6 - 8
5.c. Climate Initiatives Update Report PEAC21-018	9 - 12
6. Other Business	
7. Next Meeting - September 15, 2021	
8. Adjournment	

Peterborough Environmental Advisory Committee Minutes

Electronic Meeting

May 19, 2021

Present	Dana Jordan Mary ELizabeth Konrad (6:25 p.m.) Peter Lafleur (5:50 p.m.) Craig Mortlock Sandra Orsatti, Chair Councillor Zippel
Regrets	Stephanie Rutherford Fraser Smith
Staff	Natalie Garnett, Deputy Clerk Michael Papadacos, Manager, Infrastructure Management

Call to Order

The Chair called the meeting to order at 5:50 p.m.

Confirmation of Minutes

Moved by Peter Lafleur

That the minutes of April 21, 2021 be approved as circulated.

Carried

Disclosure of Pecuniary Interest

Craig Mortlock, declared an interest in any discussions arising regarding the new fire hall, as his company may bid on the project.

Consent Agenda

No items were passed as part of the consent agenda.

Reports and Communications

Climate Change Reserve Initiatives Report

PEAC21-016

Moved by Craig Mortlock

That the PEAC approve the recommendations outlined in Report PEAC21-016 dated May 19, 2021, of the Manager of Infrastructure Management Division, as follows:

That the presentation from the Manager of Infrastructure Management be received for information.

Carried

Moved by Peter Lafleur

That the Peterborough Environmental Advisory Committee endorse the draft recommendations to allocate remaining funds from the Climate Change Reserve to:

- i. **Initiate a project to install eight dual-port electric vehicle charging stations for municipal fleet use at various municipal facilities; and,**
- ii. **Make up the City's 20% contribution for an application to the Federation of Canadian Municipalities to complete a GHG Reduction Pathway Feasibility Study for municipal buildings.**

Carried

Climate initiatives Update

PEAC21-017

Moved by Mary Elizabeth Konrad

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.

Carried

Other Business

Councillor Zippel provided information to the Committee regarding a recent meeting of the Ontario Climate Caucus.

Moved by Councillor Zippel

That staff be directed to review the proposal for the removal of the exclusion needed for public-sector accounting to be able to reflect the monetary value of natural assets in Canada, such as carbon sequestration and storage, flood protection and biodiversity benefits.

And that staff review with the CAO and the Commissioner of Corporate and Legislative Services, the request for a signatory from the City of Peterborough in support of the proposal for the explicit exclusion of non-purchased natural resources to be removed from the proposed new Financial Statement Presentation standard, Section PS 1202.

Carried

Next Meeting - June 16, 2021

Adjournment

Moved by Mary Elizabeth Konrad

That the meeting adjourn at 7:28 p.m.

Carried

Natalie Garnett

Deputy Clerk

Sandra Orsatti

Chair



City of
Peterborough

To: Members of the Peterborough Environmental Advisory Committee

From: Michael Papadacos, Manager of Infrastructure Management Division

Meeting Date: June 16, 2021

Subject: Report PEAC21-019
Fire Station 2 Net-Zero Design Update

Purpose

A report to update the PEAC on the design workshop held for the Net-Zero Design of Fire Station 2.

Recommendation

That the PEAC approve the recommendation outlined in Report PEAC21-019, dated June 16, 2021, of the Manager of Infrastructure Management Division, as follows:

That a verbal report to update the PEAC on the design workshop for the Net-Zero Design of Fire Station 2 be received for information.

Budget and Financial Implications

There are no budget or financial implications associated with the recommendation of this report.

Background

The PEAC representative on the Net-Zero Design Workshop for Fire station 2, Mary Elizabeth Konrad, will provide a verbal update.

Submitted by,

Michael Papadacos
Manager, Infrastructure Management Division

Contact Name:

Michael Papadacos, P.Eng.
Manager, Infrastructure Management
Phone: 705-742-7777 Ext. 1756
Toll Free: 1-855-738-3755
Fax: 705-748-8824
E-Mail: mpapadacos@peterborough.ca



City of
Peterborough

To: Members of the Peterborough Environmental Advisory Committee

From: Michael Papadacos, Manager of Infrastructure Management Division

Meeting Date: June 16, 2021

Subject: Report PEAC21-020
PSAB and Natural Assets on Financial Statements

Purpose

A report to update the PEAC on the motion passed at the May 19, 2021 PEAC meeting to review the request to support the removal of the explicit exclusion of natural assets from the Public Sector Accounting Board's (PSAB) Financial Statement Presentation standard, Section PS 1202.

Recommendation

That the PEAC approve the recommendation outlined in Report PEAC21-020, dated June 16, 2021, of the Manager of Infrastructure Management Division, as follows:

That a verbal report to update the PEAC on the motion related to PSAB and Natural Assets on Financial Statements, be received for information.

Budget and Financial Implications

There are no budget or financial implications associated with the recommendation of this report.

Background

The Public Sector Accounting Board (PSAB) is preparing a revised Conceptual Framework for Financial Reporting in the Public Sector and is soliciting feedback from stakeholders.

The current Conceptual Framework specifies that certain types of assets are to be excluded from recognition in financial statements. “These exclusions relate to:

- Natural resources and Crown lands that have not been purchased;
- Developed and inherited intangibles; and
- Works of art and historical treasures.”

The PSAB is proposing to relocate these exclusions from the Conceptual Framework to its new standard for Financial Statement Presentation, Section PS 1202. It says, “such exclusions are standards-level decisions, not concepts underlying financial statements.” The PSAB has concluded that “before these exclusions can be removed, each type of economic resource must be considered individually. Appropriate guidance regarding their recognition and measurement must be provided.”

The Intact Centre for Climate Adaptation at the University of Waterloo is coordinating a response from multiple agencies and organizations including the Insurance Bureau of Canada, Asset Management Ontario, KPMG, the Municipal Natural Assets Initiative and others. This group is providing a response to the PSAB to recommend, “that the explicit exclusion of non-purchased natural resources to be removed from the proposed new Financial Statement Presentation standard, Section PS 1202. This exclusion of natural assets from financial statements means that resources available to public-sector entities are not faithfully represented. The removal of this exclusion – thereby permitting the inclusion of natural assets – would not require a public-sector entity to recognize its natural assets.”

At the May 19, 2021 meeting of PEAC the following motion was passed:

That staff be directed to review the proposal for the removal of the exclusion needed for public-sector accounting to be able to reflect the monetary value of natural assets in Canada, such as carbon sequestration and storage, flood protection and biodiversity benefits.

And that staff review with the CAO and the Commissioner of Corporate and Legislative Services, the request for a signatory from the City of Peterborough in support of the proposal for the explicit exclusion of non-purchased natural resources to be removed from the proposed new Financial Statement Presentation standard, Section PS 1202.

The basis of this request is to address the market failures that do not place financial value on the ecosystem services provided by natural assets (i.e., woodlands/forests, wetlands, watercourses, open spaces). These assets provide services on which the community relies that would need to be replaced by engineered systems at great expense if they were to be mismanaged (i.e., removal of wetland that provides stormwater storage that would need to be replaced by pipes and tanks).

This matter has been placed on the agenda of the Administrative Staff Committee meeting on June 16, 2021 and an update is not available at the time of drafting this report. A verbal update will be provided to PEAC regarding this matter.

Submitted by,

Michael Papadacos
Manager, Infrastructure Management Division

Contact Name:

Michael Papadacos, P.Eng.
Manager, Infrastructure Management
Phone: 705-742-7777 Ext. 1756
Toll Free: 1-855-738-3755
Fax: 705-748-8824
E-Mail: mpapadacos@peterborough.ca



City of
Peterborough

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

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

Meeting Date: **June 16, 2021**

Subject: **Report PEAC21-018
Climate Initiatives Update**

Purpose

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

Recommendation

That the PEAC approve the recommendation outlined in Report PEAC21-018 dated June 16, 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

Advancing Adaptation Project – ICLEI-Canada Application

To strengthen community resiliency from extreme weather events that contribute to localized flooding, the City has applied to the Advancing Adaptation Project offered by ICLEI-Canada. If successful, the City would receive \$15,000 in funding to implement a community-facing adaptation project to mitigate climate impacts. Proposed adaptation projects would consider introducing a low impact development (LID) or depaving a portion of impermeable infrastructure in an identified flood-prone area of the city.

All applicants will be notified by June 18th if their proposals were successful.

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 June 8, 2021, a total of 58 additional signs have been installed throughout the community. The remaining 17 signs are anticipated to be site located in the next two weeks.

“Climate Action at Home” Video Series Completed

The “Climate Action at Home” video series was completed in June to support and improve homeowners’ understanding of energy-efficiency retrofits with local experts demonstrating entry-level renovations. Three videos were produced that will provide helpful instructions on how homeowners should tackle insulation, water heaters, and draft proofing projects. An additional fourth video was produced that describes the kind of renovations a homeowner should consider to achieve net-zero energy.

The video series will be embedded on the City, County, and GreenUP websites. A public awareness initiative to promote the videos is currently being developed.

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

The project has started preliminary field work and engagement with First Nations has begun to incorporate Indigenous perspectives on the archaeological and natural environment studies.

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.

Fire Station 2 – Zero Carbon Building

An update is being provided by the PEAC representative on the project working group under a separate report.

Home Energy Efficiency Program (HEEP) – FCM Funding Approval

The City has applied to the Federation of Canadian Municipalities' Community Efficiency Financing funding stream to design a program to facilitate the transition of Peterborough's housing stock to reduce energy consumption and curtail GHG emissions. While waiting for confirmation of funding, a request for proposal is being developed that will seek consultant support to create an innovative program that will overcome identified barriers to participation and advance sustained deep energy renovations in the community. Once the program design is completed the HEEP will apply for capitalization funding from FCM to implement the recommended program.

The program design is expected to be completed in the third quarter of 2022.

Stormwater System Model & Flood Risk Mapping Development – NDMP

The RFP for this project closed on June 10, 2021. Submissions are currently being reviewed and staff anticipate awarding the project in July 2021.

The purpose of the study is to develop a City-wide storm sewer and urban overland flow model for the purpose of assessing the existing level of service and system performance, modeling climate change scenarios including vulnerability assessments and adaptation strategies and identifying areas most at risk during a range of flood scenarios.

Zero Emission Vehicle Infrastructure Project – NRCan Funding Approval

The City was contacted by Elexicon Group Inc. regarding the previous funding application to Natural Resources Canada's (NRCan) Zero Emission Vehicle Infrastructure Project (ZEVIP) to install electric vehicle charging stations at corporate facilities. Previously, the City was advised that the application was not approved due to reduced funding to the ZEVIP program; however, additional funding has been made available and previous applications are being reconsidered. Eight dual chargers with 16 charging ports will be constructed at multiple facilities to support the adoption of electric vehicles for the light-duty corporate fleet and this funding could offset some of these costs.

Other Initiatives

The following are completed climate action projects:

- "Climate Action at Home" launched June 2021

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

- Community Climate Change Resilience Strategy (CCCRS)
- Community Solar PV Potential Survey project with Fleming College
- Environment and Sustainability Corporate Webpage Refresh
- Municipal Natural Asset Initiative (MNAI) Pilot Project
- Request for Information on NRCan's 2 *Billion Trees* Initiative
- Stormwater Smart Grid Pilot Project application through FCM
- Sustainable IT Total Cost of Ownership Project

Submitted by,

Michael Papadacos
Manager, Infrastructure Management Division

Contact Name:

Michael Papadacos, P.Eng.
Manager, Infrastructure Management
Phone: 705-742-7777 Ext. 1756
Toll Free: 1-855-738-3755
Fax: 705-748-8824
E-Mail: mpapadacos@peterborough.ca

James Byrne, M.CC.
Climate Change Coordinator
Phone: 705-742-7777 Ext. 1882
Toll Free: 1-855-738-3755
E-Mail: jbyrne@peterborough.ca