Environmental Advisory Committee Meeting Agenda

Thursday, November 24, 2016
7 p.m.

Holland Room
Aurora Town Hall
Town of Aurora
Environmental Advisory Committee
Meeting Agenda

Date: Thursday, November 24, 2016
Time and Location: 7 p.m., Holland Room, Aurora Town Hall

1. Declaration of Pecuniary Interest and General Nature Thereof

2. Approval of the Agenda

   Recommended:

   That the agenda as circulated by Legal and Legislative Services be approved.

3. Receipt of the Minutes

   Environmental Advisory Committee Meeting Minutes of June 2, 2016

   Recommended:

   That the Environmental Advisory Committee meeting minutes of June 2, 2016, be received for information.

4. Delegations

   (a) Fausto Filipetto, Senior Policy Planner, Town of Aurora
       Re: Library Square and Town Park

   (b) Brent Kopperson, Windfall Ecology Centre
       Re: Introduction to the ClimateWise Business Network
(c) Barry Bridgeford, Resident
   Re: Invasive Plant Species, Invasive Species Act, Funding for Control

5. Matters for Consideration

6. Informational Items

1. Memorandum from Program Manager, Environmental Initiatives
   Re: Environmental Programs New Priority Actions

   Recommended:

   1. That the memorandum regarding Environmental Programs New Priority Actions be received for information.

2. Extract from Council Meeting of June 28, 2016
   Re: Environmental Advisory Committee Meeting Minutes of June 2, 2016

   Recommended

   1. That the Extract from Council Meeting of June 28, 2016, regarding the Environmental Advisory Committee meeting minutes of June 2, 2016, be received for information.

7. New Business

8. Adjournment
TOWN OF AURORA
ENVIRONMENTAL ADVISORY COMMITTEE
MEETING MINUTES

Date: Thursday, June 2, 2016

Time and Location: 7 p.m., Holland Room, Aurora Town Hall

Committee Members: Irene Clement, Larry Fedec, Melville James, Nancee Webb, Kristina Zeromskiene

Member(s) Absent: Councillor Mrakas (Chair), Councillor Paul Pirri (Vice Chair), Danielle Howell, Sara Varty

Other Attendees: Christina Nagy-Oh, Program Manager, Environmental Initiatives, Justin Leung, Committee of Adjustment Secretary-Treasurer, Linda Bottos, Council/Committee Secretary

The Council/Committee Secretary called the meeting to order at 7:12 p.m.

Moved by Nancee Webb
Seconded by Kristina Zeromskiene

THAT Irene Clement be appointed as Chair for the meeting.

CARRIED

1. DECLARATION OF PECUNIARY INTEREST AND GENERAL NATURE THEREOF

There were no declarations of pecuniary interest under the Municipal Conflict of Interest Act.

2. APPROVAL OF AGENDA

Moved by Nancee Webb
Seconded by Melville James

THAT the agenda as circulated by Legal and Legislative Services be approved.

CARRIED
3. RECEIPT OF THE MINUTES

Environmental Advisory Committee Meeting Minutes of April 7, 2016

Moved by Larry Fedec
Seconded by Kristina Zeromskiene

THAT the Environmental Advisory Committee meeting minutes of April 7, 2016, be received for information.

CARRIED

4. DELEGATIONS

(a) Barry Bridgeford, Resident
Re: Need for Invasive Plant Species Management Policy and Control Program

The Committee consented on a two-thirds vote that the requirements of section 3.8(c) of the Procedural By-law be waived to permit the delegation additional time as required.

Mr. Bridgeford expressed his concerns regarding the impact of invasive plant species in a number of the Town’s wooded, forested, and natural areas, and requested that a “Forest Advisory Team” be organized and operational no later than January 2017 to provide input on environmental, forestry, and trail issues.

Moved by Nancee Webb
Seconded by Melville James

THAT the delegation by Barry Bridgeford be received for information.

CARRIED

5. MATTERS FOR CONSIDERATION

1. Memorandum from Program Manager, Environmental Initiatives
Re: Corporate Environmental Action Plan (CEAP) Update

Staff invited the Committee to consider items that could be added to the CEAP and submit their suggestions by email to the Program Manager by mid-July for review at the September meeting.

Moved by Melville James
Seconded by Kristina Zeromskiene
THAT the memorandum regarding Corporate Environmental Action Plan (CEAP) Update be received; and

THAT the Environmental Advisory Committee provide comment to be considered by staff in the preparation of the CEAP update.

CARRIED

2. Memorandum from Program Manager, Environmental Initiatives
   Re: Community Earth Week Fair 2016 and 2017

The Committee noted that the recent Community Earth Week Fair 2016 was a success with more than 600 visitors. The Committee discussed various aspects and potential for a Community Earth Week Fair in 2017.

Moved by Nancee Webb
Seconded by Kristina Zeromskiene

THAT the memorandum regarding Community Earth Week Fair 2016 and 2017 be received; and

THAT the Environmental Advisory Committee recommend to Council:

   THAT a Community Earth Week Fair 2017 be endorsed; and

   THAT Council provide input to the objectives of a Community Earth Week Fair 2017; and

   THAT a multi-department team of Town staff be made available to participate in a Working Group in support of a Community Earth Week Fair 2017.

CARRIED AS AMENDED

6. INFORMATIONAL ITEMS

3. Extract from Council Meeting of May 10, 2016
   Re: Environmental Advisory Committee Meeting Minutes of April 7, 2016

Moved by Nancee Webb
Seconded by Larry Fedec

THAT the Extract from Council Meeting of May 10, 2016, regarding the Environmental Advisory Committee meeting minutes of April 7, 2016, be received for information.

CARRIED
7. **NEW BUSINESS**

The Committee suggested considering ways in which residents could be encouraged to stop using plastic water bottles. Staff noted that this issue has been included on the CEAP update list.

The Committee commented on the need for a central communication network to facilitate the dissemination of environmental information in the Town.

The Committee advised that two new acts had recently been passed in Ontario: Bill 172, *Climate Change Mitigation and Low-carbon Economy Act, 2016*; and Bill 151, *Waste-Free Ontario Act, 2016*.

The Committee noted that used textiles may be donated at a fundraising event for Free the Children on Saturday, June 25, 2016, to be held in the parking lot at Town Hall. It was further noted that Value Village in Newmarket also accepts used textiles and clothing.

The Committee suggested that residents should be encouraged to recycle plastic plant pots by including relevant information in Aurora’s Waste Management Guide and Recycling Calendar for 2017.

The Committee suggested that recyclables should be separated from garbage during Aurora’s next Annual Clean-up Day by offering participants two different bags.

Staff advised that a Regional Environmental Advisory Committee meeting will be held on Tuesday, June 21, from 6 p.m. to 9 p.m., at the Trisan Centre in Schomberg.

Staff advised that they would be using digital agendas only in future. Committee members were invited to advise staff if they no longer wish to receive paper copies.

8. **ADJOURNMENT**

Moved by Nancee Webb  
Seconded by Melville James

THAT the meeting be adjourned at 8:25 p.m.  
CARRIED

COMMITTEE RECOMMENDATIONS ARE NOT BINDING ON THE TOWN UNLESS ADOPTED BY COUNCIL AT A LATER MEETING.
Advisory Committee Meeting
Library Square & Town Park

Fausto Filipetto
Senior Policy Planner
Town of Aurora
In 2009 the Town initiated a secondary planning process for the Downtown/Yonge Wellington Street Corridor. This resulted in the creation of a Concept Plan - Urban Design Strategy for the area now known as “The Aurora Promenade”. Implementing policies were included in the Town’s new Official Plan.
Background (Cultural Precinct)

- Key Strategy is to reinforce and enhance a Cultural Precinct within the three block area of Library Square to the Town Park
Background
(Cultural Precinct/Repurposing Study)

- Two studies were undertaken in 2015/2016:
  - Concept Plan for the Cultural Precinct
  - Repurposing Study
- Council directed Staff to consult on the results of the two studies in the Spring of 2016
Background (Public Consultation)

- A public consultation strategy was endorsed by Council in June 2016 which included:
  - Public Outreach (Survey/Questionnaire)
  - On-line Survey
  - Social Media Strategy
  - Public Meetings
Background (Public Consultation)

- The Public Consultation focussed on Library Square and Town Park

- Staff conducted surveys during:
  - Concerts in the Park
  - Farmer’s Markets (Incl. Doors Open)
  - At the Aurora Public Library
Background (Library Square Concept)
Background (Town Park Concept)
## What We Heard (Town Park)

<table>
<thead>
<tr>
<th></th>
<th>Survey</th>
<th>On-Line Survey</th>
<th>Social Media</th>
<th>Rate Payers</th>
<th>Public Meeting</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>TOWN PARK</strong></td>
<td>(90 Respondents)</td>
<td>(83 Respondents)</td>
<td></td>
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<tr>
<td>Status Quo</td>
<td>36%</td>
<td>49%</td>
<td>71% (Twitter Poll 24 Votes)</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Concept</td>
<td>34%</td>
<td>51%</td>
<td>29% (Twitter Poll 24 Votes)</td>
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<tr>
<td>Other (See Below)</td>
<td>30%</td>
<td>-</td>
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</tr>
<tr>
<td><strong>Other Responses/Comments</strong></td>
<td>(39 Respondents)</td>
<td></td>
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<tr>
<td>Like concept but keep ball diamond</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>Like splash pad/rink</td>
<td></td>
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<tr>
<td>Ball diamond is underutilized</td>
<td></td>
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<tr>
<td>No need to change band shell</td>
<td></td>
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<td></td>
<td></td>
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<tr>
<td>More seating/benches</td>
<td></td>
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<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Concept is too modern</td>
<td></td>
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<tr>
<td>Greater recreational diversity; tennis, yoga, etc.</td>
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</tr>
</tbody>
</table>

|                           | Permits have created a parking problem around Town Park |                           |
|                           | Town Park looks old/run down in favour of changes |                           |
|                           | The baseball diamond is currently well used          |                           |
|                           | Why enlarge a splash pad which is underutilized     |                           |
|                           | Turn Mosley St. into a promenade/grand walk         |                           |
|                           | Don’t change Town Park; spend money on making improvements to Town Park and on repurposing the Armoury |                           |
|                           | Overwhelming sentiment was to keep Town Park as is; baseball diamond is well used and a gathering place for the community |                           |
|                           | Traffic concerns over new concept                    |                           |
What To Do with the Armoury?
What To Do with the Armoury?

<table>
<thead>
<tr>
<th></th>
<th>SURVEY</th>
<th>ON-LINE SURVEY</th>
<th>SOCIAL MEDIA</th>
<th>RATE PAYERS</th>
<th>PUBLIC MEETING</th>
</tr>
</thead>
<tbody>
<tr>
<td>FORMER ARMOURY REPURPOSING</td>
<td>(81 Respondents)</td>
<td>(79 Respondents)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Art Gallery/Studio</td>
<td>13 Respondents</td>
<td>13 Respondents</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Farmer’s Market/Artisan Fair</td>
<td>41 Respondents</td>
<td>53 Respondents</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Community Clubhouse</td>
<td>15 Respondents</td>
<td>18 Respondents</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Restaurant, Café, Brewery, Winery</td>
<td>19 Respondents</td>
<td>38 Respondents</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>All of Above</td>
<td>5 Respondents</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Other Popular Responses</td>
<td>snack bar</td>
<td></td>
<td>concert venue</td>
<td>vendor space</td>
<td>adaptable space</td>
</tr>
</tbody>
</table>
## What We Heard (Library Square)

<table>
<thead>
<tr>
<th></th>
<th>Survey (78 Respondents)</th>
<th>On-Line Survey (103 Respondents)</th>
<th>Social Media</th>
<th>Rate Payers</th>
<th>Public Meeting</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Library Square</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Status Quo</td>
<td>14%</td>
<td>45%</td>
<td>56% (Twitter Poll 18 Votes)</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Concept</td>
<td>41%</td>
<td>55%</td>
<td>44% (Twitter Poll 18 Votes)</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Other (See Below)</td>
<td>45%</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td><strong>Other Responses/Comments</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Like concept but height &amp; density concerns</td>
<td>(43 Respondents)</td>
<td>include ample parking</td>
<td>tear down old library/seniors centre</td>
<td>the redevelopment should contain a significant water feature &amp; courtyard</td>
<td></td>
</tr>
<tr>
<td>Parking concerns/need more parking</td>
<td></td>
<td>more parking, shops, restaurants, public square, water feature, community space, open space</td>
<td>traffic concerns over increased density</td>
<td>Library Square needs to be a gathering space &amp; destination</td>
<td></td>
</tr>
<tr>
<td>Need more downtown restaurants</td>
<td></td>
<td>repurpose former library/seniors centre</td>
<td>concerns over funding/financing of redevelopment</td>
<td>needs to be connectors between Town Park and Library Square</td>
<td></td>
</tr>
<tr>
<td>Use former senior’s centre/library for parking</td>
<td></td>
<td></td>
<td>need more classroom space in the area</td>
<td>funding concerns</td>
<td></td>
</tr>
<tr>
<td>Need more community/recreation space</td>
<td></td>
<td></td>
<td>turn Mosley St. into a promenade/grand walk</td>
<td>the area needs a museum/archive</td>
<td></td>
</tr>
</tbody>
</table>

11/17/2016
What To Do with the Former Library?
What To Do with the Former Library?

<table>
<thead>
<tr>
<th>FORMER LIBRARY REPURPOSING</th>
<th>SURVEY</th>
<th>ON-LINE SURVEY</th>
<th>SOCIAL MEDIA</th>
<th>RATE PAYERS</th>
<th>PUBLIC MEETING</th>
</tr>
</thead>
<tbody>
<tr>
<td>Art Studio</td>
<td>7 Respondents</td>
<td>21 Respondents</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Meeting Hall</td>
<td>1 Respondents</td>
<td>18 Respondents</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Offices</td>
<td>2 Respondents</td>
<td>10 Respondents</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Community Clubhouse</td>
<td>5 Respondents</td>
<td>16 Respondents</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Community Classroom</td>
<td>8 Respondents</td>
<td>20 Respondents</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Performing Art Studio</td>
<td>7 Respondents</td>
<td>13 Respondents</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Dance Studio</td>
<td>3 Respondents</td>
<td>6 Respondents</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>All of Above</td>
<td>1 Respondent</td>
<td></td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Other Responses</td>
<td>community use, retail, parking, museum</td>
<td>-</td>
<td>-</td>
<td>-</td>
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</tr>
</tbody>
</table>

11/17/2016
What To Do with the Former Seniors Centre?
What To Do with the Former Seniors Centre?

<table>
<thead>
<tr>
<th></th>
<th>SURVEY</th>
<th>ON-LINE SURVEY</th>
<th>SOCIAL MEDIA</th>
<th>RATE PAYERS</th>
<th>PUBLIC MEETING</th>
</tr>
</thead>
<tbody>
<tr>
<td>FORMER SENIORS CENTRE REPURPOSING</td>
<td>(17 Respondents)</td>
<td>(41 Respondents)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sport Hall of Fame</td>
<td>3 Respondents</td>
<td>12 Respondents</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Meeting Hall</td>
<td>2 Respondents</td>
<td>10 Respondents</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Offices</td>
<td>1 Respondent</td>
<td>8 Respondents</td>
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<td>Art Studio</td>
<td>6 Respondents</td>
<td>15 Respondents</td>
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<td>-</td>
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<td>-</td>
</tr>
<tr>
<td>Other</td>
<td>community use, retail, parking</td>
<td>-</td>
<td>-</td>
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</tr>
</tbody>
</table>

11/17/2016
Next Steps

- November 18: Trails & Active Transportation
- November 24: Environmental Advisory Committee
- December 5: Council Workshop
- January 2017: Council Action (General Committee)
Thank you!

Questions/Comments/Discussion
DELEGATION REQUEST

This Delegation Request form and any written submissions or background information for consideration by either Council or Committees of Council must be submitted to the Clerk's office by the following deadline:

4:30 P.M. ON THE BUSINESS DAY PRIOR TO THE REQUESTED MEETING DATE

COUNCIL/COMMITTEE/ADVISORY COMMITTEE DATE: November 3rd, 2016

SUBJECT: Introduction to the ClimateWise Business Network

NAME OF SPOKESPERSON: Brent Kopperson

NAME OF GROUP OR PERSON(S) BEING REPRESENTED (if applicable):

Windfall Ecology Centre

BRIEF SUMMARY OF ISSUE OR PURPOSE OF DELEGATION:

How ClimateWise will strengthen the Town of Aurora's position as a municipal leader in energy management and sustainability.

PLEASE COMPLETE THE FOLLOWING:

Have you been in contact with a Town staff or Council member regarding your matter of interest?

Yes [X] No [ ] IF YES, WITH WHOM Christina Nagy DATE 09/30/2016

I acknowledge that the Procedural By-law permits five (5) minutes for Delegations.
DELEGATION REQUEST

This Delegation Request form and any written submissions or background information for consideration by either Council or Committees of Council must be submitted to the Clerk's office by the following deadline:

4:30 P.M. ON THE BUSINESS DAY PRIOR TO THE REQUESTED MEETING DATE

COUNCIL/COMMITTEE/ADVISORY COMMITTEE DATE:  
November 24, 2016  
Environmental Advisory Committee

SUBJECT:  Invasive Plant Species, Invasive Species Act, Funding For Control

NAME OF SPOKESPERSON:  Barry Bridgeford

NAME OF GROUP OR PERSON(S) BEING REPRESENTED (if applicable):

BRIEF SUMMARY OF ISSUE OR PURPOSE OF DELEGATION:

Asking committee support of a request of council to recognize the need to protect out parks and open spaces from phragmites, dog-strangling vine, and Japanese knotweed. And of a request of council to fund the Parks Division for the control and/or eradication of these species.

PLEASE COMPLETE THE FOLLOWING:

Have you been in contact with a Town staff or Council member regarding your matter of interest?  

YES  NO  □

IF YES, WITH WHOM?  

Manager of Parks Division & Manager of Environmental Initiatives.
All councilors & mayor,

DATE:  
Nov. 14, 2016

YES  I acknowledge that the Procedural By-law permits five (5) minutes for Delegations.

Barry Bridgeford

Nov 14/16.
Invasive Species Act

Phragmites, Dog-strangling vine and Japanese knotweed are the three most threatening invasive plants in the Town of Aurora.

The Province of Ontario's new Invasive Species Act (2015) came into effect on the 3rd of this month. Its regulations categorize these very same three invasive plants as “restricted”.

Photo: Part of a large outbreak of Japanese knotweed at the northeast corner of Bloomington Road and Bathurst Street.
Phragmites

The Eurasian genotype (haplotype M) of Phragmites Australis evolved over millennia to become an integrated part of many of the biosphere's ecosystems, with the notable exception of the ecosystems of the Americas.

Photo: This pond is on the east side of Leslie Street, north of Wellington Street. It is being encircled by invasive phragmites.
Integrated within its original ecosystems, phragmites was a source of shelter and food for many life-forms. At the same time it was challenged and controlled by other life-forms native to these same ecosystems.

Over recent centuries, Europeans even learned to use sheaths of phragmites to thatch the roofs of their houses.

Photo: This outbreak of phragmites is on the south side of St John’s Sideroad, only meters from McKenzie Marsh.
Back in the 1800's, when machinery and equipment were shipped from Europe to North America, freight crates were cushioned with sheaths of phragmites. Unfortunately, upon arrival in America this phragmites was discarded into local ecosystems.

Similarly, trans-atlantic ship ballast (often contaminated with phragmites) was dumped into local ecosystems.

Photo: This open space is on the west side of Bayview Avenue south of Wellington Street and has been overwhelmed by invasive phragmites.
This particular strain of Phragmites has now spread out from the New England area, to become a biological scourge .. choking marshes, wetlands, fields, meadows and ponds.

These invasive Phragmites reed beds force out native growth and don't benefit our native wildlife .. effectively destroying the impacted ecosystems!

Photo: The hydro right-of-way on the south side of Wellington Street has lost acres of wet meadows to a mono-culture of phragmites.
Japanese Knotweed

In the 1800's, Japanese knotweed was promoted as an exotic ornamental plant. However, its tenacious roots are capable of breaking through asphalt and concrete. As a foundation planting, Japanese knotweed once seriously impacted Aurora's old Church Street School.

This plant's ability to cause property, building and infrastructure damage contribute to its bad reputation.

Photo: This outbreak of Japanese knotweed is located in a neighbourhood park in south Aurora.
Dog-strangling Vine

Originating in Russia and Ukraine, this weed spreads by airborne seeds, covers the ground in solid masses and can overwhelm tall vegetation.

Dog-strangling vine is particularly problematic in the southern GTA but is starting to make serious inroads in Aurora.

Photo: Climbing up a fence on Industrial Parkway South, these well-seeded vines are just a small part of a substantial outbreak north of the Sheppard’s Bush soccer fields.
There's currently no town funding in the 2017 budget for the control and/or eradication of these invasive plant species.

I've asked council to recognize the need to protect our parks and open spaces from these three specific invasive plant species .. and to authorize substantial funding for their control and eradication.

Barry Bridgeford

November 17, 2016

www.GreenAurora.ca

Photo: Part of the phragmites outbreak at the 'ARC' on Wellington Street.
MEMORANDUM

DATE: November 24, 2016

TO: Environmental Advisory Committee

FROM: Christina Nagy-Oh, Program Manager, Environmental Initiatives

RE: Environmental Programs New Priority Actions

RECOMMENDATIONS

That the memorandum regarding Environmental Programs Update be received for information.

This memo aims to outline the new priority actions for the environmental programs branch and to clarify the objectives that staff are aiming to achieve.

In May 2016 the program manager of environmental initiatives moved from the Planning department to the Infrastructure and Environmental Services Department. With this move came a new manager and director with a new vision for the environmental initiatives branch. The key areas of focus for the coming year are as follows:

- begin implementation of the Corporate Energy Management Plan
- develop a standardized council report on corporate energy use and greenhouse gas reduction measures
- research and purchase energy management software
- begin implementing the municipal actions for Ontario’s Climate Change Action Plan.

Corporate Energy Management Plan Implementation

Aurora is interested in reducing the energy use intensity of its buildings, quantifying the greenhouse gases produced and improving the operation of the building mechanical systems. To further these goals, six of Aurora’s largest energy users have had a site visit and had their energy records reviewed by a consulting firm specializing in energy usage. There have been various suggested energy conservation measures at the following facilities: Town Hall, Senior’s Center, Cultural Center, Library, Aurora Community Center and the SARC.

In addition to the suggested energy conservation measures, the town has included the following energy reduction initiatives in the Canada 150 Grant. All 150 Grant projects must be completed by March 31, 2018 in order to receive the funding. The Aurora Community Center includes these initiatives within the grant proposal: Ice Plant
Environmental programs update

Condensers Replacement; replacement of four boilers (domestic hot water, resurfacer room and heating); LED facility lighting retrofit in the arena. Stronach Aurora Recreation Complex includes these energy conservation measures within the grant proposal: exterior lighting retrofit; lighting retrofit for pool and arenas; replacement of two hot water boilers. In addition, Stantec has been hired to undertake a complete building condition assessment and energy Audit of the town owned facilities.

Acquire Energy Management Software

Staff need to determine how the energy management software will be used and what features need to be included. Staff plan to survey GTA municipalities to find software which meets our needs at a reasonable cost. Estimated cost to purchase the software will be added to the 2018 budget. Staff will prepare an RFP or RFQ to meet the requirements of the purchasing by-law.

Report to Council on Corporate Energy Use

Since July 2013, Municipalities have been required to report on their facility energy consumption from two years prior through the *Green Energy Act, 2009* and Ontario Regulation 397/11. Staff have gathered and inputted all electricity and natural gas usage for all town facilities since 2011 to date in 2016.

This report is scheduled for council in early 2017 and will include:

- fleet fuel usage in Litres from 2011 - 2016
- energy conservation to date by the installation of LED streetlights within town
- greenhouse gases created by category, fleet fuel, electricity & natural gas.

Energy update on 3 Solar PV arrays and update on newest solar PV project:

- Two Town owned 10 kW solar PV arrays
- 550 kW Solar roof lease at the SARC producing energy as of August 2016
- a 50 kW solar PV array to be installed on the new operations center where the energy generated will be used to partially power the building and offset electricity costs
Aurora’s Deliverables within Ontario’s Climate Change Action Plan

The province of Ontario released a brand new action plan to address climate change. There are many actions that the province and municipal governments must take over the next five years to fight climate change over the long term.

The Transportation action area encourages municipalities to:

- replace older vehicles in the fleet with more fuel efficient models
- purchase electric vehicles for our fleet
- install EV charging stations at our public facilities,
- improve walking / cycling network including safer routes and cycling signals
- increase bike parking at town owned public facilities
- reduce single-passenger vehicle trips by provide opportunities for telecommuting, carpooling and flex-work schedules by staff

The Land-Use Planning action area intends to make the following changes to the Municipal Act:

- require electric vehicle charging in surface lots
- require municipalities to set green development standards
- require municipal zoning bylaws to eliminate minimum parking requirements over the next 5 years
- makes climate change mitigation and adaptation mandatory in municipal official plans.

The Government action area:

- encourages reducing emissions and energy costs by implementing energy conservation measures
- encourages municipalities to create greenhouse gas reduction targets.

The Province has created a fund to help municipalities develop a Climate Action Plan of their own. Aurora plans to apply to this fund before the end of 2017.

The Corporate Environmental Action Plan will continue to be implemented and in 2017 will be updated to incorporate the actions from Ontario’s Climate Change Action Plan amongst other actions.

ATTACHMENTS

None
7. ADOPTION OF ITEMS NOT REQUIRING SEPARATE DISCUSSION

Items 1 (with the exception of sub-items 3, 10, and 17), and 2 were identified as items not requiring separate discussion.

Moved by Councillor Thompson
Seconded by Councillor Gaertner

THAT the following recommendations with respect to the matters listed as “Items Not Requiring Separate Discussion” be adopted as submitted to Council and staff be authorized to take all necessary action required to give effect to same:


THAT the General Committee meeting report of June 21, 2016, be received and the following recommendations carried by the Committee be approved:

(15) Environmental Advisory Committee Meeting Minutes of June 2, 2016

THAT the Environmental Advisory Committee meeting minutes of June 2, 2016, be received; and

2. Memorandum from Program Manager, Environmental Initiatives Re: Community Earth Week Fair 2016 and 2017

THAT a Community Earth Week Fair 2017 be endorsed; and

THAT Council provide input to the objectives of a Community Earth Week Fair 2017; and

THAT a multi-department team of Town staff be made available to participate in a Working Group in support of a Community Earth Week Fair 2017.

CARRIED