

**9TH REPORT OF THE**  
**ADVISORY COMMITTEE ON THE ENVIRONMENT**

Meeting held on September 7, 2016, commencing at 12:19 PM, in Committee Room #4, Second Floor, London City Hall.

**PRESENT:** M. Bloxam (Chair), S. Brooks, S. Hall, M. Hodge, L. Langdon, S. Ratz, G. Sass, N. St. Amour, T. Stoiber and D. Szoller and H. Lysynski (Secretary).

**ABSENT:** J. Howell and A. Tipping.

**ALSO PRESENT:** G. Barrett and C. Warring.

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**I. CALL TO ORDER**

1. Disclosures of Pecuniary Interest

That it BE NOTED that no pecuniary interests were disclosed.

**II. SCHEDULED ITEMS**

2. International Agreements and the Implications of Local Food

That it BE NOTED that the attached presentation from J. Brady, Consultant, with respect to the Trans Pacific Partnership, was received.

**III. CONSENT ITEMS**

3. 8<sup>th</sup> Report of the Advisory Committee on the Environment

That it BE NOTED that the 8<sup>th</sup> Report of the Advisory Committee on the Environment from its meeting held on July 20, 2016, was received.

4. 8<sup>th</sup> Report of the Environmental and Ecological Planning Advisory Committee

That it BE NOTED that the 8<sup>th</sup> Report of the Environmental and Ecological Planning Advisory Committee from its meeting held on July 21, 2016, was received.

5. 8<sup>th</sup> Report of the Trees and Forests Advisory Committee

That it BE NOTED that the 8<sup>th</sup> Report of the Trees and Forests Advisory Committee from its meeting held on August 9, 2016, was received.

6. Municipal Council Resolution – Appointments to the Advisory Committee on the Environment

That it BE NOTED that the Municipal Council resolution adopted at its meeting held on July 26, 2016, with respect to the appointments of R. Harvey and A. Tipping as Voting Members and C. Warring as a Non-Voting Member of the Advisory Committee on the Environment, was received.

**IV. SUB-COMMITTEES & WORKING GROUPS**

7. Education and Outreach Joint Meeting of Advisory Committees

That it BE NOTED that the Education and Outreach Joint Meeting of Advisory Committees, from its meeting held on June 22, 2016, was received.

8. Sustainability Working Group

That Dr. Brennan Vogel BE INVITED to attend the next Advisory Committee on the Environment Committee (ACE) meeting to discuss how municipalities in Nova Scotia have implemented sustainability plans; it being noted that the ACE

received the Sustainability Working Group Report from its meeting held on July 27, 2016.

## V. ITEMS FOR DISCUSSION

### 9. Municipal Council Resolution – Provision of Child Minding Services for the Public at Public Participation Meetings Related to a Standing Committee Meeting

That the following comments BE FORWARDED to the Civic Administration with respect to provision of child minding services for the public at public participation meetings related to a Standing Committee meeting:

- a) concern that young children may be scared being left with someone they do not know;
- b) consideration be given to reimbursing parents for hiring care as an alternative provision; and,
- c) noting older children could stay in the council chamber gallery, with something to occupy them;

it being noted that the ACE reviewed and received the Municipal Council resolution adopted at its meeting held on March 22, 2016, with respect to this matter.

### 10. Sub-Committee Report Format (S. Ratz)

That the Sub-Committee Report format appended to the Advisory Committee on the Environment (ACE) Agenda BE RECOMMENDED to be used as the format for ACE sub-committee reports.

### 11. Urban Agriculture Conference (G. Sass)

That it BE NOTED that the Advisory Committee on the Environment heard a verbal presentation from G. Sass with respect to the upcoming Urban Agriculture Conference.

### 12. Sub-Committee Membership

That the attached, revised, Sub-Committee Membership BE INCLUDED on the next Advisory Committee on the Environment Agenda; it being noted that all Members are encouraged to attend sub-committee meetings.

### 13. Work Plan

That the following actions BE TAKEN with respect to the 2016 Advisory Committee on the Environment (ACE) Work Plan:

- a) the attached, revised, 2016 ACE Work Plan be included on the next ACE Agenda for further consideration; and,
- b) the matter of a potential request for an ACE representative to be appointed to the Food Council be placed on the next Agenda.

### 14. Budget

That the updated Advisory Committee on the Environment (ACE) Budget BE INCLUDED on the next ACE Agenda.

## VI. DEFERRED MATTERS/ADDITIONAL BUSINESS

### 15. (ADDED) Pollinator Brochure

That D. Szoller BE REQUESTED to follow up with the Civic Administration to determine the appropriate location for the Pollinator brochure on the City of London website.

16. (ADDED) Upper Thames River Conservation Authority Update

That a representative from the Upper Thames River Conservation Authority BE REQUESTED to attend the next meeting of the Advisory Committee on the Environment to provide updates on the following matters:

- a) the potential of hydro generation in the Thames River;
- b) the contribution of pollution in the Thames River to the algae bloom in Lake Erie; and,
- c) the engineering requirements of West London Dyke as compared to alternative designs.

17. Storm/Sewage Overflows

That the Civic Administration BE INVITED to the next meeting of the Advisory Committee on the Environment to provide an update on sewer/stormwater overflows into the Thames River.

**VII. ADJOURNMENT**

The meeting adjourned at 2:28 PM.

**NEXT MEETING DATE: October 5, 2016**

- Family Farmer
- NFU Member
- Via  
Campesina
- Consultant

Joan Brady



## Canada's Trade Record

- 12 signed agreements
- 2 in agreement and not signed
- 9 in negotiation
  - **NEGOTIATED IN SECRET**
  - **DETAILS ARE PUBLIC ONLY WHEN FINALIZED**
  - **ONLY SUPERFICIALLY ABOUT TRADE – ULTIMATELY DESIGNED TO LIMIT THE AUTHORITY OF NATIONAL GOVERNMENTS OVER THEIR OWN ECONOMIES**
  - **EXPAND THE SCOPE AND POWER OF MULTINATIONAL CORPORATIONS**



## Food and Agriculture in Trade Agreements

- NFU as a member of La Via Campesina calls for Food and Agriculture to be exempt from Trade Agreements
- Allows our markets to be accessed by other countries that do not have similar food safety restrictions.
- Scale of trade limits activity to large players that seek lowest cost providers – pitting farmers against each other



## Farmers and Trade Power in the Marketplace

### **Canadian Wheat Board**

The Canadian Wheat Board (CWB) was established in 1935 as an agricultural marketing board. For much of its history, it was the sole buyer and seller (i.e., the “single desk”) for prairie wheat and barley destined for export from Canada or for human consumption in Canada



**Connecting  
Smallholders to  
Markets**

United Nations  
Committee on Food  
Security

- Recognize, support and protect territorial markets
- Nutrition is enhanced by sustainable agroecological production practices used by smallholders
- Institutional procurement practices as a way to build capacity
- Supporting the transition of smallholders with policies

**CWB**

Established to protect farmers from large grain companies/railways & Winnipeg Grain Exchange – 1920's, 1935

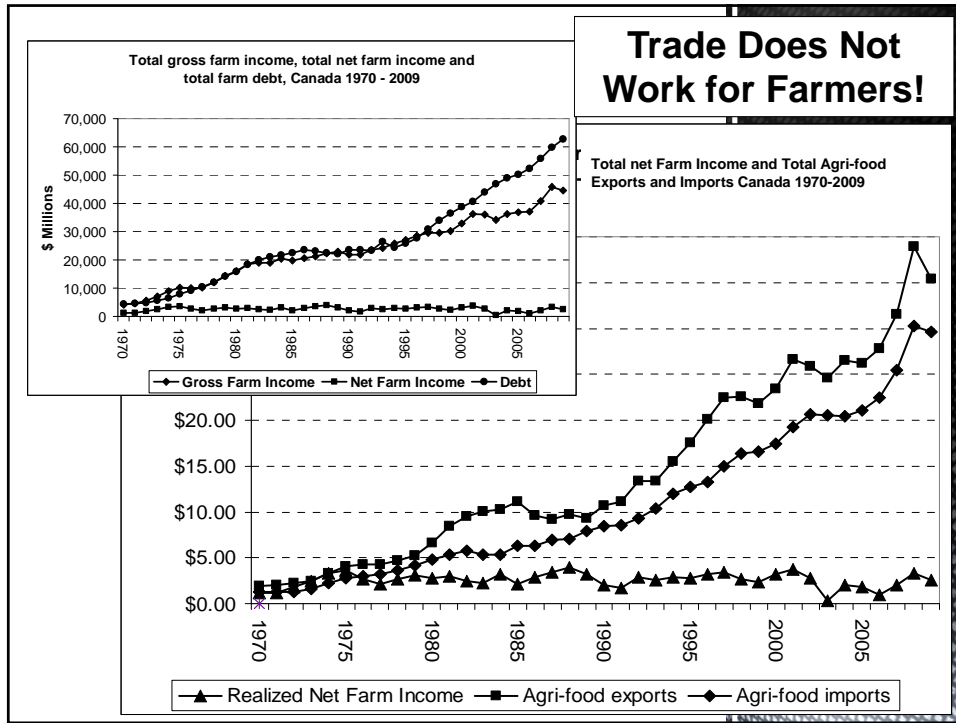
Mission: **Maximize returns to Farmers**

By:

- Investment in necessary infrastructure – storage, rail cars and ships
- Building the Canadian Wheat Board Brand – quality and integrity
- Aggregating for Market Advantage

Dissolved by the Canadian Government in August 2012 (in direct violation of legislation allowing farmers to vote on any changes in the CWB)  
Resulting in transportation chaos, reduced returns, lack of surety of delivery

CWB given to G3 Global Grain Group – Bunge Canada and Saudi Arabia



### Climate Change – Relevant Statistics – etcgroup.org

Conditions	Industrial Food Supply	Peasant Food Web
Use of the World Ag. Resources	70%	30%
Production of world food supply	30%	70%
Diversity	Limited varieties and species	Many species and varieties
Energy Use in Agriculture	80% Fertilizer/chemical production attributes to 50% of energy use	Less than 20% *33% less energy per ha to grow organic crops
Water Use in Agriculture	70%	30%
Waste	33-40% of production wasted	More intentional in wastage being recycled – less waste/capita

## Social License

- **Canadian Centre for Food Integrity**
  - Launched at Canadian Public Trust Summit
  - Today's food system earning public trust in Canada
  - Affiliated with US Centre

**Who funds It?**  
**Who sets priorities?**



**Food Security** exists when all people, at all times, have physical, social and economic access to sufficient, safe and nutritious food which meets their dietary needs and food preferences for an active and healthy life.

**Food Sovereignty** is the right of peoples to healthy and culturally appropriate food produced through ecologically sound and sustainable methods and their right to define their own food and agriculture systems.


***Food Security is a goal while Food Sovereignty describes how to get there.***



- **FOCUSSES ON FOOD FOR THE PEOPLE**
  - Puts people’s need for food at the centre of policies
  - Insists that food is more than just a commodity
  
- **BUILDS KNOWLEDGE AND SKILLS**
  - Builds on traditional knowledge
  - Uses research to support and pass this knowledge to future generations
  - Rejects technologies that undermine or contaminate local food systems

## Principles of Food Sovereignty

**WORKS WITH NATURE**  
 Optimizes the contributions of ecosystems  
 Improves resilience

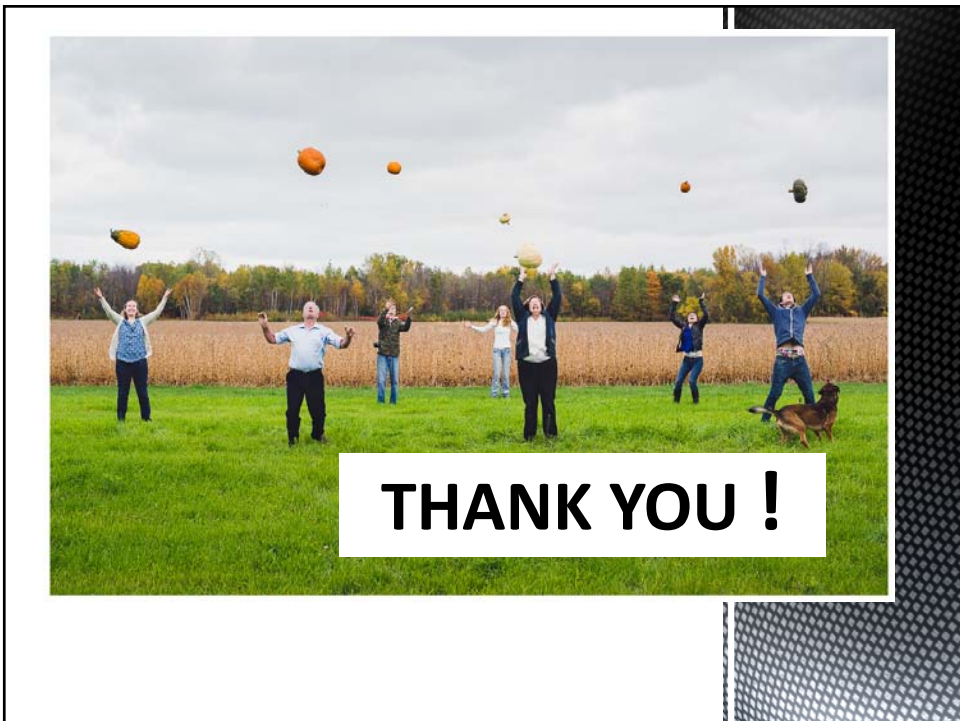


- **VALUES FOOD PROVIDERS**
  - Supports sustainable livelihoods
  - Respects the work of all food providers
  
- **LOCALIZES FOOD SYSTEMS and PUTS CONTROL LOCALLY**
  - Reduces distance between food providers and consumers
  - Rejects dumping and inappropriate food aid
  - Resists dependency on remote and unaccountable corporations
  - Places the control in the hands of local food providers
  - Recognizes the need to inhabit and to share territories
  - Rejects the privatization of natural resources

## Principles of Food Sovereignty

**Food Is Sacred**

- Recognizes that food is a gift of life and not to be squandered
- Asserts that food cannot be commodified



## **ACE SUB-COMMITTEES**

(as at December 2015)

### **Sustainability**

- Including how do we define sustainability
- Ecosystems Services Guiding Document
- Work with EEPAC?

*Ken, Susan Hall, Gabor, Natalie, Brennan Vogel*

### **By-laws, Policy & Planning**

Review by-laws as developed

*Susan H, Sarah*

### **Natural Environment**

- Sale of invasive plant species
- Boulevard naturalization
- Pollinator
- Watershed

*Diane, Maureen, Gabor, Natalie*

### **Finance**

- Yearly input/recommendations/comments to city capital budget

*Diane, Mike, Ken*

### **Waste Management**

- Municipal Waste & Resource Materials Collection By-law
- Green bins / waste diversion including commercial / residential / institutional?
- Role of communities
- CFL Bulb Recycling
- Food waste reduction
- Community composting

*Mary Ann, Ken, Mike, Janice, Thomas S., Carrie*

### **Education & Outreach**

- Communication of Environmental Issues
- Yearly Open House (around Earth Day)

*Susan, Mary Ann*

### **Built Environment**

- LIC Local Improvement Charges
- Living Building Challenge
- Heated Sidewalk in Retail Areas

- Green roofs?
- Parking lot layering
- TCE Contamination to homes on Brydges St
- Xeriscaping
- Water / Storm Water Management
- Dark Sky Policy
- Bird Policy

*Ken, Lois, Mike, Diane, Natalie*

### **Energy**

- District Energy Plan
- Solar Energy / Alternative Energy
- Community Energy Action Plan

*Diane, Ken, Lois, Mike, Tom Arnos, Thomas S.*

### **Food – new food policy council**

- Permaculture/ / Urban Agricultures

*Susan H, Gabor, Sarah, Diane, Maureen T.*

### **Completed**

- Working group on Urban and Downtown Design Manual

### **Keep an eye on....**

- Transportation
- ReThink / London Plan
- Pollinator Working Group??
- London Environmental Network (provide a rep from ACE?)

### **Strategic Directions**

- Strengthening our communities – health, safety
- Building a sustainable city with robust infrastructure
- Growing our economy
- Leading in public service – collaboration and engage leadership

**ADVISORY COMMITTEE ON THE ENVIRONMENT**  
**2016 WORK PLAN**  
(as at July 2016)

Project/Initiative	Background	Lead/ Responsible	Proposed Timeline	Budget	Link to Strategic Plan	Status
1. Managing organics	<ul style="list-style-type: none"> <li>• <del>Explore avenues for better managing organics</del></li> <li>• Organics make up a large portion of our waste stream</li> <li>• Work closely with Environmental, Fleet and Waste Services and Civic Works</li> <li>• Connect with London Environmental Network and similar groups</li> </ul>	Waste Sub-Committee	<ul style="list-style-type: none"> <li>• Year 1: scoping</li> <li>• Year 2: research</li> <li>• Year 3: advise to implement</li> </ul>	<u>Proposed</u> <ul style="list-style-type: none"> <li>• \$0 year 1</li> </ul> <u>Actual</u>	<ul style="list-style-type: none"> <li>• page 11, item 1 D</li> <li>• page 12, item 3 D</li> </ul>	Completed April 2016
2. Managing materials	<ul style="list-style-type: none"> <li>• Explore ways to increase the range of inorganic materials that get diverted from landfill</li> <li>• Review bluebox efficiencies</li> <li>• Work closely with Environmental, Fleet and Waste Services and Civic Works on projects listed in the Strategic Plan which will require public input</li> </ul>	Waste Sub-Committee	<ul style="list-style-type: none"> <li>• Year 1: scoping</li> <li>• Year 2: research</li> <li>• Year 3: advise to implement</li> </ul>	<u>Proposed</u> <ul style="list-style-type: none"> <li>• \$0 year 1</li> </ul> <u>Actual</u>	<ul style="list-style-type: none"> <li>• page 11, item 1 D</li> <li>• page 12, item 3 D</li> <li>• Page 21, item 3 A</li> <li>• page 17, 3 B</li> </ul>	
3. Renewable energy	<ul style="list-style-type: none"> <li>• Explore possibilities for hydro-electric along Thames River</li> <li>• Solar energy on municipally-owned buildings</li> <li>• Ensure that co-generation/local electricity generation initiatives do not negatively impact the City of London carbon-dioxide emissions targets and carbon footprint or compromise local air quality</li> <li>• <del>Explore powering lights at dog parks with combustion of dog droppings</del></li> </ul>	Energy Sub-Committee	<ul style="list-style-type: none"> <li>• Year 1: scoping</li> <li>• Year 2: research</li> <li>• Year 3: advise to implement</li> </ul>	<u>Proposed</u> <ul style="list-style-type: none"> <li>• \$0 year 1</li> </ul> <u>Actual</u>	<ul style="list-style-type: none"> <li>• Page 12, item 3A&amp;E</li> </ul>	
4. Community Energy Action Plan (CEAP)	<ul style="list-style-type: none"> <li>• Review current plan and monitor progress</li> </ul>	Energy Sub-Committee	<ul style="list-style-type: none"> <li>• Ongoing</li> </ul>	<u>Proposed</u> <ul style="list-style-type: none"> <li>• \$0 year 1</li> </ul> <u>Actual</u>	<ul style="list-style-type: none"> <li>• Page 12, item 3A</li> </ul>	

Project/Initiative	Background	Lead/ Responsible	Proposed Timeline	Budget	Link to Strategic Plan	Status
5. Local Improvement Charges (LIC)	<ul style="list-style-type: none"> <li>Continue to monitor status of using LICs to implement a PACE-style program</li> <li>Continue to monitor pilot projects in other cities</li> <li>Get ongoing updates from CHEERIO progress</li> </ul>	Energy Sub-Committee	<ul style="list-style-type: none"> <li>Ongoing</li> </ul>	<u>Proposed</u> <ul style="list-style-type: none"> <li>\$0 year 1</li> </ul>	<ul style="list-style-type: none"> <li>Page 12, item 3D</li> </ul>	The City had a Consultation in April 2016
				<u>Actual</u>		
6. Alternative building materials/strategies	<ul style="list-style-type: none"> <li>Implement the Living Building Challenge as a City policy</li> <li>Implement a green-roof by-law</li> <li>Review the possibilities of heated sidewalks in urban areas (incl. My Dundas)</li> <li><del>Vehicle parking: Parking lot layering, automobile elevators, bike lockers</del></li> </ul>	Built Environment Sub-Committee	<ul style="list-style-type: none"> <li>Ongoing</li> </ul>	<u>Proposed</u> <ul style="list-style-type: none"> <li>\$0 year 1</li> </ul>	<ul style="list-style-type: none"> <li>Page 12, item 3C</li> </ul>	Received Staff update – April 6, 2016
				<u>Actual</u>		
7. Low-impact development	<ul style="list-style-type: none"> <li>Implement xeriscaping in all developments</li> <li>Continue to monitor and provide advice on stormwater management (incl. bioswales)</li> </ul>	Built Environment Sub-Committee	<ul style="list-style-type: none"> <li>Ongoing</li> </ul>	<u>Proposed</u> <ul style="list-style-type: none"> <li>\$0 year 1</li> </ul>	<ul style="list-style-type: none"> <li>Page 11, item 1B</li> <li>Page 12, item 3ABCEF &amp; 5B</li> </ul>	
				<u>Actual</u>		
8. Nighttime issues	<ul style="list-style-type: none"> <li>Implement a Dark Sky policy</li> <li>Establish “night markets” in downtown core and Old East area: residents get more exercise and get more use out of existing infrastructure/resources</li> </ul>	Built Environment Sub-Committee	<ul style="list-style-type: none"> <li>Ongoing</li> </ul>	<u>Proposed</u> <ul style="list-style-type: none"> <li>\$0 year 1</li> </ul>	<ul style="list-style-type: none"> <li>Page 12, item 3D</li> <li>Page 13, item 4ABC</li> </ul>	
				<u>Actual</u>		
9. Online Engagement Drive	<ul style="list-style-type: none"> <li>Increase the public’s awareness of City led environmental initiatives</li> <li>Increasing the number of newsletter subscribers.</li> <li>Encouraging social media interaction especially for environmental initiatives.</li> </ul>	Education & Outreach Sub-Committee (Mary Ann - newsletter subscription / Susan – social media)	2-4 week periods One focus period in the Spring leading up to/ during London Clean & Green. A second focus period	<u>Proposed</u> <ul style="list-style-type: none"> <li>\$0 year 1</li> </ul>	Leading in Public Service 1-Open, accountable and responsive government. A-Make community engagement a priority. Make the public a partner who has	In progress as at April 6, 2016  Spring focus is completed
				<u>Actual</u>		

Project/Initiative	Background	Lead/ Responsible	Proposed Timeline	Budget	Link to Strategic Plan	Status
			in the Fall leading up to / during Waste Reduction Week.		access to our information and helps make decisions with Council.	
10. ACE Sub-Committee Communication Support	<ul style="list-style-type: none"> <li>Encourage and facilitate communication at the sub-committee level</li> <li>Include coordinating a DropBox folder (for sub-committee files only), establishing standard reporting formats, encouraging ACE members to attend or view other city meetings and coordinating participation in City programs such as London Clean and Green and Waste Reduction Week.</li> </ul>	Education & Outreach Sub-Committee	Begin efforts in Spring. Ongoing monitoring & improvements throughout year.	<u>Proposed</u> <ul style="list-style-type: none"> <li>\$0 year 1</li> </ul> <u>Actual</u>	Leading in Public Service 4- Collaborative, engaged leadership. A-Continue to build strong working relationships between City Council, Civic Administration, the City's agencies, boards and commissions, and community partners.	In progress as at April 6, 2016
11. Natural Environment	<ul style="list-style-type: none"> <li>Topics from prior year, sale of invasive plant species, boulevard naturalization have been discussed, minor additional follow up expected.</li> <li>UTRCA be asked to update ACE on subwatershed health reporting and demonstration site pilot in Glen Cairn neighbourhood specific to low-impact development ie bioswales, permeable pavement, rain gardens.</li> <li>Follow the natural environment aspects of the London Plan and items on Council agendas (each working group should do this as well).</li> <li>Have discussion with Advisory Committee on Agriculture regarding ACE/AG input/participation toward an Urban</li> </ul>	Natural Environment Sub-Committee	<ul style="list-style-type: none"> <li>2016</li> </ul>	<u>Proposed</u> <ul style="list-style-type: none"> <li>\$0 year 1</li> </ul> <u>Actual</u>	<ul style="list-style-type: none"> <li>Page 11, item 1B</li> <li>Page 12, item 3ABCEF &amp; 5B</li> </ul>	

Project/Initiative	Background	Lead/ Responsible	Proposed Timeline	Budget	Link to Strategic Plan	Status
	<p>Agriculture policy for London. This will involve discussions as well with City staff.</p> <ul style="list-style-type: none"> <li>Continue conversation with City, EEPAC and Urban League during 2016 regarding development of a City ecosystems services master plan.</li> </ul>					
12. Pollinators	<ul style="list-style-type: none"> <li>Topic from prior year, to continue in capacity of following provincial neonicotinoid regulations as they impact London and region and any new related best practices to be found in Canada.</li> <li><del>ACE's pollinator friendly gardens flyer distribution in spring of 2016 given the City has incorporated earlier ACE recommendations on pollinators into the 2nd version of the London Plan. This will include garden stores, hardware stores, nurseries, libraries, and 2-3 relevant special events such as Seedy Saturday, and home shows.</del></li> </ul>	Natural Environment Sub-Committee	2016	<p><u>Proposed</u></p> <ul style="list-style-type: none"> <li>\$200</li> </ul>	<ul style="list-style-type: none"> <li>Page 12, item 3E</li> </ul>	ACE Pollinator Flyer distributed
13. Local Food	<ul style="list-style-type: none"> <li><del>MLHU be asked to update ACE on results of London &amp; Middlesex community food assessment survey and program/work plan of London's new local Food Council as it pertains to the environment.</del></li> <li><del>City Neighbourhood, Children and Fire Services division be asked to update ACE on London's Food Charter engagement in the community and proposed community gardens strategy across the City for the community</del></li> <li>The city is revising its parking lot design and ACE wants to encourage the planting of fruit and nut trees and propose a pruning schedule/policy for them in order to ensure that the fruits and nets remain accessible to the public.</li> <li>Put together proposal for by-law changes that would encourage Londoners to plant appropriate fruit and nut trees on boulevards, neighbourhood parks, and other appropriate public spaces.</li> <li>Allow local stakeholders to network and build stronger links for urban agriculture, and engage city staff in the creation of an Urban Ag. Master Plan</li> </ul>	<p>Natural Environment Sub-Committee</p> <p>Food Sub-Committee</p>	<ul style="list-style-type: none"> <li>2016</li> </ul>	<p><u>Proposed</u></p> <ul style="list-style-type: none"> <li>\$0 year 1</li> </ul>	<ul style="list-style-type: none"> <li>Page 9, item 5A</li> <li>Building a sustainable city/ Beautiful places and spaces.</li> </ul>	



Project/Initiative	Background	Lead/ Responsible	Proposed Timeline	Budget	Link to Strategic Plan	Status
14. Sustainability Officer	<ul style="list-style-type: none"> <li><del>Invite Sustainability Officer from Markham to speak</del></li> <li>Put together proposal for the creation of a position of Sustainability Officer for the City of London</li> </ul>	Sustainability Sub-Committee	<ul style="list-style-type: none"> <li>2016</li> <li>Ongoing</li> </ul>	<u>Proposed</u> <ul style="list-style-type: none"> <li><del>\$200-\$300 for speaker</del></li> </ul>	All of "sustainable city" section	
				<u>Actual</u> \$0		
15. By-Law and policy review	<ul style="list-style-type: none"> <li>Council is currently looking at the role of Advisory Committees</li> <li>Other policies and by-laws as directed by ACE related to the work of the Committee</li> <li>Explore inclusion of concept of ecosystem services for staff planning processes</li> <li>Explore creation of environmental master plan as envisaged in London Plan</li> </ul>	By-laws, Policy, & Planning Sub-Committee  Sustainability Sub-Committee	<ul style="list-style-type: none"> <li>2016</li> <li>Ongoing</li> </ul>	<u>Proposed</u> <ul style="list-style-type: none"> <li>\$0 year 1</li> </ul>	"Leading Public Services - organizational practices"	
				<u>Actual</u>		
16. Speakers	<ul style="list-style-type: none"> <li>Invite speakers and attend conferences to present to the ACE on subjects relating to our scope</li> <li>Any agreed upon conferences will have a written report on the conference and any impacts for London</li> </ul>	ACE	<ul style="list-style-type: none"> <li>2016</li> </ul>	<u>Proposed</u> <ul style="list-style-type: none"> <li>\$500 - \$1000</li> </ul>	All of "sustainable city" section	
				<u>Actual</u> \$75.00		
17. Urban Agriculture Symposium – November, 2016 <i>(added to Work Plan - February 2016)</i>	<ul style="list-style-type: none"> <li>Engage the agricultural community and other City Advisory Committees</li> </ul>	ACE	<ul style="list-style-type: none"> <li>Fall 2016</li> </ul>	<u>Proposed</u> <ul style="list-style-type: none"> <li>Approved \$800.</li> </ul>		Updated April 6, 2016
				<u>Actual</u>		