

Trees and Forests Advisory Committee

Report

9th Meeting of the Trees and Forests Advisory Committee
September 25, 2019
Committee Room #4

Attendance PRESENT: A. Cantell (Acting Chair), M. Demand, A. Hames, J. Kogelheide, A. Morrison, A. Valastro; and J. Bunn (Acting Secretary)

REGRETS: R. Mannella and A. Thompson

ALSO PRESENT: A. Beaton, J. Parsons and D. Turner

The meeting was called to order at 12:21 PM.

1. Call to Order

1.1 Disclosures of Pecuniary Interest

A. Cantell discloses a pecuniary interest in Item 5.3 of the 9th Report of the Trees and Forests Advisory Committee, having to do with Provincial Funding Changes and the Impacts on Tree Planting in London, by indicating that her employer is affected by the funding cuts.

2. Scheduled Items

None.

3. Consent

3.1 8th Report of the Trees and Forests Advisory Committee

That it BE NOTED that the 8th Report of the Trees and Forests Advisory Committee, from its meeting held on August 28, 2019, was received.

3.2 Municipal Council Resolution - 7th Report of the Trees and Forests Advisory Committee

That it BE NOTED that the Municipal Council resolution, from its meeting held on August 27, 2019, with respect to the 7th Report of the Trees and Forests Advisory Committee, was received.

4. Sub-Committees and Working Groups

None.

5. Items for Discussion

5.1 Urban Forestry Strategy Update

That the Civic Administration BE REQUESTED to attend a future meeting of the Trees and Forests Advisory Committee to speak to canopy requirements on new development sites; it being noted that the attached presentation from J. Parsons, Division Manager, Transportation and Roadside Operations, with respect to an Urban Forestry Strategy update, was received.

5.2 London and Area Tree Data

That it BE NOTED that the communication from J. Kogelheide, as appended to the agenda, with respect to London and Area Tree Data, was received.

5.3 Provincial Funding Changes and Impacts on Tree Planting in London

That the following actions be taken with respect to Provincial Funding Changes and the Impacts on Tree Planting in London:

a) the Municipal Council BE REQUESTED to continue to cover the operating budgets, at the current level or higher, for the Conservation Authorities operating within London; and,

b) a representative from ReForest London BE INVITED to attend a future meeting of the Trees and Forests Advisory Committee to present their business plan for the next two years and to indicate how the Provincial funding cuts are affecting their budget;

it being noted that this funding will be necessary in keeping the City of London on track with the Urban Forest Strategy;

it being further noted that the communication from J. Kogelheide, as appended to the agenda, with respect to this matter, was received.

5.4 2018 and 2019 TFAC Work Plans

That the 2018 and 2019 Trees and Forests Advisory Committee (TFAC) Work Plans BE DEFERRED to the next meeting of the TFAC.

6. Adjournment

The meeting adjourned at 2:08 PM.

Trees and Forests Advisory Committee

Report

8th Meeting of the Trees and Forests Advisory Committee
August 28, 2019
Committee Room #4

Attendance PRESENT: R. Mannella (Chair), A. Cantell, M. Demand, A. Hames, J. Kogelheide, A. Thompson, A. Valastro; and P. Shack (Secretary)

REGRETS: A. Morrison

ALSO PRESENT: A. Beaton, D. MacRae, J. Parsons, S. Rowland, M. Schulthess, J. Turner and B. Westlake-Power

The meeting was called to order at 12:15 PM.

1. Call to Order

1.1 Disclosures of Pecuniary Interest

That it BE NOTED that no pecuniary interests were disclosed

2. Scheduled Items

2.1 Emancipation Day

That it BE NOTED that the ~~attached~~ and verbal presentation from J. Turner, Organizer, Emancipation Day, with respect to Emancipation Day Celebrations to be held on September 22, 2019, was received.

3. Consent

3.1 7th Report of the Trees and Forests Advisory Committee

That it BE NOTED that the 7th Report of the Trees and Forests Advisory Committee, from its meeting held on July 24, 2019, was received.

4. Sub-Committees and Working Groups

None.

5. Items for Discussion

5.1 Urban Forest Strategy Update

That consideration of the Urban Forest Strategy update BE DEFERRED to the next Trees and Forests Advisory Committee.

5.2 Tree Protection By-law for Comments

That the following actions be taken with respect to the draft Tree Protection By-law:

a) that the Civic Administration BE ADVISED of the following comments from the Trees and Forests Advisory Committee with respect to the draft Tree Protection By-law:

-concern the by-law is about how to remove a tree, rather than how to protect and plant more trees;

- focus on trees and future trees, without legal or political barriers;
 - need to consider tree protection at a generational scale, not human scale in context of climate change, wildlife (cavity trees) and the environment;
 - must protect young trees or replacement trees outside of the Tree Protection Area for future canopy;
 - diameter threshold of 50 cm or greater is above attainable size for many species and does not reflect what other municipalities are doing in their by-laws (for example Toronto 12" or 30 cm);
 - consensus across community that size threshold needs to be lower, acknowledging there may be budget implications and a business case may need to be put forward;
 - need to define "hazardous" tree and evidence for removal;
 - trees can be made hazardous by unnatural causes for example building an addition;
 - photo should be part of application to remove tree;
 - checklist of Arborist best practices to justify tree removal;
 - education program may be less expensive than enforcing the by-law. For example, planting a replacement tree before the original tree is removed (shadow planting);
 - cemeteries and golf courses should not be exempt from the by-law, and there should be a policy to require City of London golf courses to follow the spirit of the by-law;
 - fines must always be higher than the total cost of fees that would have been required, or it will not work;
 - provisions for on-line payments should be considered;
 - tree protection required by section 9.3 of the by-law should match other specific policies;
 - no need for section 7.3 of the by-law because no fee is taken until application determined;
 - inconsistency in Part 2-Definitions with regards to "meter" and "m";
 - leave snags on trees for housing of wildlife (for example birds of prey);
- b) that delegation status BE REQUESTED by the Chair or designate of the Trees and Forests Advisory Committee at the Planning and Environment Committee on September 9, 2019.

5.3 2019 Work Plan

That consideration of the 2019 work plan for the Trees and Forests Advisory (TFAC) Committee BE DEFERRED to the next meeting of TFAC.

5.4 Volcano Mulching

That it BE NOTED that the Trees and Forests Advisory Committee held a general discussion with respect to Volcano Mulching.

6. Adjournment

The meeting adjourned at 1:55 PM.



P.O. Box 5035
300 Dufferin Avenue
London, ON
N6A 4L9

August 28, 2019

K. Scherr
Managing Director, Environmental and Engineering Services and City Engineer

I hereby certify that the Municipal Council, at its meeting held on August 27, 2019 resolved:

That, the following actions be taken with respect to the 7th Report of the Trees and Forests Advisory Committee, from its meeting held on July 24, 2019:

- a) the following action be taken with respect to the 2019 Work Plan:
 - i) the Civic Administration BE INVITED to the next meeting of the Trees and Forests Advisory Committee (TFAC), with respect to an update on the progress of the Urban Forest Strategy; it being noted that TFAC held a general discussion with respect to the 2019 Work Plan; and,
- b) clauses 1.1, 3.1 and 5.1 BE RECEIVED for information. (2.2/14/PEC)

C. Saunders
City Clerk
/lm

- cc. J. A. Spence, Manager, Urban Forestry
J. Parsons, Division Manager, Transportation and Roadside Operations
Chair and Members, Trees and Forests Advisory Committee



Urban Forest Strategy: Implementation Plan Update 2019



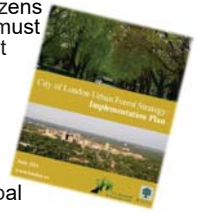
Trees and Forests Advisory Committee
September 25, 2019

Presented by John Parsons, Division Manager, Road Operations & Forestry



We Are "The Forest City"

The Urban Forest Strategy is a plan that engages citizens and outlines the necessary steps the City of London must take to protect, enhance, and monitor the urban forest that defines London as the "Forest City."



The Urban Forest refers to all trees within the municipal boundary, regardless of land use type or ownership.



We Are "The Forest City"

The City of London's urban forest is a \$1.5 billion dollar asset, providing social, environmental, and economic benefits to Londoners.

The Implementation Plan is illustrated by timeframe and priority in order to fully implement the Urban Forest Strategy over a 20 year period.

The pillars of the plan are defined as *Plant More*, *Protect More*, *Maintain Better* and *Engage the Community*



Implementation Plan Update

Action	Item	Progress
Prepare a planting strategy for the City and increase tree planting in both private and public lands	1.3,2.8,2.7,10.5	Tree Planting Strategy completed Dec 2017. Funding has been provided to increase tree planting in all sectors. Mortality estimates were included in Tree Planting Strategy, based on available literature
Update tree inventory along boulevards, parks and city facilities	3.8,2.1,10.1	Tree inventory update started in spring 2019, plantable spaces are being collected along boulevards in addition to the planting locations identified by parks staff



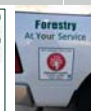
Implementation Plan Update

Action	Item	Progress
Update tree species list	3.9,3.10	Urban Forestry updated and approved tree species list in 2017/18
Provide more tree care enforcement and tree health care staff resources	5.1, 5.3,6.2,5.6	New UF staff hired to administer Property Standards, Boulevard Tree Protection and Tree Protection By-laws. Heritage Trees (Ontario Heritage Act) included in proposed new by-law (2019). Forestry Inspector hired this fall
Review and revise the current Boulevard Tree Protection By-law	5.7	Revised Boulevard Tree Protection By-law CP-22 was approved by Council on March 5 2019
Undertake inter-departmental staff workshops to promote trees and tree-friendly design concepts.	7.1	Consultation and outreach by Forestry staff is ongoing
Raise public awareness for tree planting programs	9.1,15.1,9.3	TreeMe program is promoted widely across City. Community Partners also provide awareness. National Tree Day 9/25/2019



Implementation Plan Update

Action	Item	Progress
Monitor canopy cover	11.2	Tree canopy cover fly-over 2015. LIDAR completed 2016 data being analyzed
Expand the testing and use of innovative methods of accommodating trees in our landscape	12.1,2.5	SilvaCells, stratacells and expanded tree pits have been incorporated in road projects
Initiate discussion forums with stakeholders to promote the benefits of mature tree retention. Including educational outreach.	13.1,17.3,17.5,13.2,18.1,12.2,17.2	Forestry staff provide design and tree protection advice on construction projects. Staff also connect with multiple stakeholders on an Ad-hoc bases.
Prioritize the enhancement of plantable space in areas that are "hot spots" where tree planting could mitigate the urban heat island effect.	2.6	This concept is promoted in the Dundas St flex street and East London parking lot upgrades
Update website	17.1,17.4,17.5	UF pages on website overhauled 2018 including service London portal link. Also includes, Educational links and notices regarding tree conditions





Implementation Plan Update

Action	Item	Progress
Increase the annual maintenance budget proportionally to new boulevard tree plantings.	9.5	Requests for growth funding submitted for each budget cycle.
Encourage community gardens to consider the use of food producing tree species	3.4	Included Urban Agriculture Strategy (2019)
Establish a scheduled life cycle and area based tree maintenance cycle	8.2	Trim cycle is being reduced with additional funding sources



Implementation Plan Update

Action	Item	Progress
Develop and implement an integrated pest management plan.	6.4	Invasive Plant Management Strategy adopted.
Reduce the area of turf grass in the City through tree planting	9.4	Naturalization program underway in many open spaces.
Improve tree health along transportation corridors, consider alternate designs that will protect trees.	6.3	Complete Streets Design Manual (2019)



Next Steps

- Continue to work through the plan with our partners and stakeholders
- Promote and provide educational awareness
- Include business case in multi-year budget 2020 2023



Questions?



Hello TFACers!

I shared this link a few weeks ago, and Pat asked me to resubmit it for this month's meeting.....

http://www.london.ca/residents/Environment/Trees-Forests/Pages/2019-Maple-Decline.aspx?fbclid=IwAR3bmbfaD-285rs7tnYadOKEucVKPWGrD5BwpT_IXg3ZAZ88bvXcqP8Jik8

It talks about some of the problems London maple's are facing with an increase in fungi!

I believe that this is climate related as we have had very unusual weather this summer - more rain than I've ever seen during the summer!

The reason why I'm interested in discussing news like this, is to find out how this information is being used?

Are these types of issues just 'noted and filed' in London files or are these reports making into the hands of those (provincially, nationally, globally) who are collecting data to better forecast future climates and conditions???

That's what's really important - to me - on this matter.... making sure London and area data is being shared with those who can use it!

And speaking of sharing information.....

London has done a great job creating the TPS! Are we sharing our success, by-laws and legislation with other Ontario communities???

I believe that it's good to have open communications with other municipalities to share successes and failures, so we can all benefit from each other's experiences! Is this being done?

Jim Kogelheide

During the last meeting, Amber brought a stat to my attention..... something along the lines that London plants close to 25 000 - 30 000 trees each year! WOW!

I believe that the TPS sees London planting around 5 000 trees annually with ambitions taking this number higher, each year.

There have been budget cuts by the Ford gov't that used to go towards tree planting efforts! Also, recently, Ford also told the UTRCA to stop tree planting programs and go back to mandate - even though the Ontario gov't won't save a penny as the tree planting was funded by other sources!

And, I heard about the Federal Liberals coughing up \$15 million for tree planting in response to Ford's cuts!

So - this has me rather confused about understanding if all of these actions are or will be affecting London's TPS!!!

Example - If ReForest London can't afford to plant as many trees as they did, this will affect our yearly projected planting actions and this will affect our 40 year plan!

Does TFAC need to recommend to the City that more municipal funding is needed to keep the TPS on projected targets!

Jim Kogelheide

**Trees and Forests Advisory Committee
Advisory Committee Work Plan – 2018
(FINAL “YEAR END” UPDATE – DRAFT)**

February 2018

Project/Initiative	Background	Lead/ Responsibility	Proposed Timeline	Proposed Budget	Link to Strategic Plan
Planting & Monitoring Efforts	<ul style="list-style-type: none"> • Goal is to develop recommendations for what data should be recorded during planting, establishment, and cutting, so as to know (e.g.) how long a tree typically lives in London (& if that’s improving or worsening), how many trees are being removed a year, what the survival rate is of different species, etc. <p>End of Year Update:</p> <ul style="list-style-type: none"> • ?? 	TBD		\$0	Robust Infrastructure 1A Strong and Healthy Environment 3C
Green Legacy	<ul style="list-style-type: none"> • The province has recently voted to try and take Wellington County’s “Green Legacy” model (through which school children volunteer at county-owned greenhouses to grow, distribute, and plant free trees throughout the County) province wide. Rob Johnson, the program manager in Wellington, attended TFAC in Spring 2016 to share information about their program. We then recommended to PEC that the City investigate the possibility of bringing such a program to London, in partnership with local partners, and possibly Middlesex County. They supported this recommendation. • In Feb. 2017, ReForest London, in partnership with the City, UTRCA, TVDSB and LDCSB submitted an application to the Ontario Trillium Foundation to undertake an initial feasibility study for London. If successful, this study would run from approx. July, 2017 – June, 2018. • An update will be provided to TFAC in June about the status of the application. 	TBD			Strong and Healthy Environment 3C

	<p>End of Year Update:</p> <ul style="list-style-type: none"> • ?? 				
Climate Change	<ul style="list-style-type: none"> • Climate change is expected to have enormous impacts on Canadian forests, with a minimum of 4°C of warming predicted for our country (vs. the global average of 2°C) by the end of the century, and worst case projections from the IPCC suggesting that increases as high as 10°C may be possible (for Canada) • Goal is to develop recommendations around: <ul style="list-style-type: none"> ○ Acquisition and establishment of more southerly stock ○ Piloting more southern species as street trees ○ Collaborating with more southern municipalities on climate change issues ○ Feb. 2017: Significant recommendations were made around these issues last year. This year, we should inquire as to the progress on these recommendations and make further recommendations concerning the use of a standardized “climate scenario” for planning at the city. <p>Revised numbers for max warming for Canada by end of century now stand at 14°C, following unexpectedly rapid warming in the past 2 years since the last IPCC report came out.</p> <p>End of Year Update:</p> <ul style="list-style-type: none"> • ?? 	Randy		\$0	Building a Sustainable City 1E: Fund innovative ways to adapt to Climate Change.
Committee Development	<ul style="list-style-type: none"> • Identify potential educational/outreach opportunities for members to possibly attend to help keep abreast of current developments in urban forestry (e.g., forestry conferences) and plan to have at least 3 TFAC members attend such opportunities this year. 	TFAC	Ongoing	\$500	Innovative and Supportive Organizational Practices 2B: Use innovative and best practices in all organizational and management activities

Fruit & Nut Tree Initiatives	<ul style="list-style-type: none"> • There is a growing interest in food security issues in London. With climate change, food prices are expected to increase by 11-131% (depending on species) for staples such as corn, rice and wheat by 2050: an increase in food prices of as much as 4% is expected for 2016 alone. • TFAC will collaborate with the Agricultural Advisory Committee (AAC) and the Advisory Committee on the Environment (ACE) to explore ways to increase food security through the planting of fruit and nut trees. • Feb. 2017: TFAC supported AAC's Urban Agriculture conference last year. Recommendations on this issue this year would probably be pretty short. <p>End of Year Update:</p> <ul style="list-style-type: none"> • ?? 	TBD		\$0	Caring and Compassionate Services 3A: Eliminate barriers for individuals facing poverty, mental health and addictions and help them find pathways to be successful.
Phased Planting in Unassumed Subdivisions	<ul style="list-style-type: none"> • TFAC made a recommendation to PEC concerning the idea of doing two phases of plantings in new subdivisions to speed up planting last year; was supported by PEC • Andrew has said it should be possible to make progress on this issue this year <p>End of Year Update:</p> <ul style="list-style-type: none"> • ?? 	Craig			Strong and Healthy Environment 3C
Shade Policy	<ul style="list-style-type: none"> • TFAC received presentation and report from UWO environmental health promotion students in 2016, and recommend City consider adopting a shade policy that would deal with both living and manmade sources of shade on city properties; was supported by PEC. Toronto already has a 	Randy			Strong and Healthy Environment 3C

	<p>municipal shade policy in place and could be a great source of inspiration.</p> <ul style="list-style-type: none"> Randy (MLHU) would like to spearhead this this year (Although park/recreational space-focused, Toronto’s policy was driven by efforts from their local health unit). <p>End of Year Update:</p> <ul style="list-style-type: none"> ?? 				
Invasives Strategy	<ul style="list-style-type: none"> The use of invasive tree species within London’s Urban Forest continues to be of great concern to TFAC: London’s two most common trees (by stem count and volume) are both invasive species. We should look to see some progress on this issue in the Tree Planting Strategy, the City’s new Invasives Strategy, and the Tree Planting Guidelines. TFAC has previous recommended a “Non-Invasive Species First” planting policy wherein an invasive species would never be planted in a given planting location first (i.e., could only be considered as a replacement after another tree had been proven to fail, whereas now, an invasive species could be used right from the start). <p>End of Year Update:</p> <ul style="list-style-type: none"> ?? 	TBD			Strong and Healthy Environment 3E
Woodland Acquisition Policy	<ul style="list-style-type: none"> TFAC wishes to gain a better understanding of how the woodland acquisition policy currently works We hope to request presentation this spring (2017) and provide comment from there <p>End of Year Update:</p>	TBD			Strong and Healthy Environment 3E

	<ul style="list-style-type: none"> • ?? 				
NEW 2018					
	<ul style="list-style-type: none"> • 				
COMPLETED					
Urban Forest Strategy: General	<ul style="list-style-type: none"> • The Urban Forest Strategy is a multi-million dollar 20 year strategy to help ensure the growth and health of one of the Forest City's most important features. Providing advice on the formation and implementation of London's Urban Forest Strategy is at the core of TFAC's mandate. • Monitor progress on the Urban Forest Strategy and make recommendations concerning its ongoing implementation • Ensure PEC is being kept informed of progress on the UFS • Receive 2 UFS Semi-Annual Updates • <i>(It is noted that a template for a semi-annual updated was provided to Ivan Listar last year but not really followed in the first update: we should revisit our template and look for a more formalized structure in the reporting this year)</i> <p>End of Year Update:</p> <ul style="list-style-type: none"> • ?? 	Amber & Roberto		\$0	<p>Robust Infrastructure 1A: Address and manage the infrastructure gap to maintain what we have now and reduce the tax burden on future generations.</p> <p>Strong and Healthy Environment 3C: Plant more trees and better protect them from deforestation, invasive species, and other threats.</p> <p>Strong and Healthy Environment 3E: Work together to protect all aspects of our natural environment including woodlands, wetlands, river and watercourses, and air quality as our city grows.</p>
Urban Forest Strategy: Tree Protection	<ul style="list-style-type: none"> • Provide feedback on tree retention policy • Provide feedback on "No Net Loss" policy (draft expected December 2017; communications plan may be drafted over summer) • Feb. 2017: On tree loss topic, City Tree Protection Bylaw currently in limbo (since focus was turned to the private tree protection bylaw last year instead) – we should seek to follow-up about this item this year. Andrew notes that it will Likely will 				

	<p>be December, 2017 that that review will be ready. (May start as early as July for a communication plan).</p> <ul style="list-style-type: none"> • Feb. 2017: Private Tree Protection Bylaw is expected to undergo a one-year review (Sept. 1 2017): City expects they'll be taking comments, doing open houses, etc. with report back to PEC in the Fall <ul style="list-style-type: none"> ○ TFAC has previously expressed interest in receiving an (informal) 6 month update ○ TFAC should aim to get comments in relatively early – may be August/September <p>End of Year Update:</p> <ul style="list-style-type: none"> • ?? 				
Tree Planting Strategy	<ul style="list-style-type: none"> • Assist City staff in the development of a Planting Strategy for London (as a part of the UFS) • Provide feedback on “Right Tree Right Place” (part of the UFS) • Feb. 2017: Tree Planting Strategy is under development, and City staff have developed a number for how many new trees need to be planted each year (~45,000) for ___ years in order to reach canopy cover targets. TFAC should expect to review a draft this spring and provide comment on it. • Staff would like us to specifically explore, as a part of this, how we can incent private landowners to plant trees. (Planting on city-owned land, by comparison, will be the “easy part”). <p>We should also inquire as to the status of the Community Planting Projects Report which is normally prepared in January by Parks Planning’s Community Projects Coordination each year.</p> <p>End of Year Update:</p>			\$0	Strong and Healthy Environment 3C

	<ul style="list-style-type: none"> • ?? 				
Infrastructure Replacement Projects in Roadways	<ul style="list-style-type: none"> • Road work and tree cutting in Rowntree and Queenston neighbourhoods over the past two years has provided an opportunity to review the processes affecting street trees in London • Our goal is to make recommendations to improve citizen understanding of decisions to make removals, and to reduce the impact of construction on trees • Feb. 2017: A presentation was received in the last couple of months about the work happening on roadways and a new system the City has to “score” contractors based on the work they’ve done and problems encountered. This is expected to reduce the odds of Queenston-type damage happening again. However, TFAC would still like to review core road construction documents as they relate to trees and make comment. <p>End of Year Update:</p> <ul style="list-style-type: none"> • ?? 	Working group		\$0	Robust Infrastructure 1A
Tree establishment recommendations	<ul style="list-style-type: none"> • Explore ways to reduce mortality of newly planted street and park trees, including: • Future tree watering options report for 2017 • Potted stock in lieu of caliper trees <p>Feb. 2017: Currently appears likely that potted trees will be a greater focus in the Tree Planting Strategy in light of the cost savings they bring and the need to significantly increase planting levels to hit municipal targets. (Great progress here). We are still</p>	Amber		\$0	Robust Infrastructure 1A Strong and Healthy Environment 3C

	<p>waiting on a report on watering options for trees and should consult with staff about when this could be prepared.</p> <p>End of Year Update:</p> <ul style="list-style-type: none"> • ?? 				
Tree Planting Guidelines	<ul style="list-style-type: none"> • This document determines what species can be planted and where on City land, and is updated on an annual basis • TFAC will review and make suggestions for improvement this year, particularly with regard to invasive species, climate change, and allergens, and seek to more strongly connect it to the Urban Forest Strategy • These were submitted to the City in March, 2016. <p>These are supposed to get done this February (2017): ask Rick Postma for update, continue to follow progress on these items.</p> <p>End of Year Update:</p> <ul style="list-style-type: none"> • ?? 	Working group		\$0	Strong and Healthy Environment 3C
Identification of Publicly Owned Plantable Spaces	<ul style="list-style-type: none"> • As the largest single landowner in London, the City owns an enormous amount of plantable land, not all of which is in parks. • TFAC will work to make recommendations to help ensure that there is a regular process for identifying all plantable spaces on City-owned land and that there are systems in place to help get them planted and contributing to London's canopy cover targets. • Invite James MacKay, Ecologist to a future meeting (2017) to speak to this. <p>End of Year Update:</p> <ul style="list-style-type: none"> • ?? 			\$0	Strong and Healthy Environment 3C

<p>Trees Protection Strategy Construction Mitigation</p>	<ul style="list-style-type: none"> • Provide an opportunity for the TFAC to review and possibly make recommendations to this tree protection strategy for construction mitigation early spring 2017 (added following the Road Work Construction presentation in November 2016) <p>End of Year Update:</p> <ul style="list-style-type: none"> • ?? 	<p>Amber</p>			<p>Strong and Healthy Environment 3E</p>
<p>Orientation for new City Forester</p>	<ul style="list-style-type: none"> • TFAC will provide a presentation and briefing to the new City Forester about recent recommendations and the areas our group is hoping to focus on moving forward <p>End of Year Update:</p> <ul style="list-style-type: none"> • ?? 				<p>Strong and Healthy Environment 3C & 3E</p>
<p>Asian Longhorn Beetle</p>	<ul style="list-style-type: none"> • Asian Longhorn Beetle Report & Update on current state of affairs in North America will be given by City staff (suggested by Andrew) <p>End of Year Update:</p> <ul style="list-style-type: none"> • ?? 				<p>Strong and Healthy Environment 3C</p>

Trees and Forests Advisory Committee
Advisory Committee Work Plan – 2019 (DRAFT)

General Items					
Project/ Initiative	Background	Lead/ Responsibility	Proposed Timeline	Proposed Budget	Link to Strategic Plan, Urban Forest Strategy or Tree Planting Strategy
UFS Progress Monitoring	<ul style="list-style-type: none"> • The Urban Forest Strategy is a multi-million dollar 20 year strategy to help ensure the growth and health of one of the Forest City’s most important features. Providing advice on the formation and implementation of London's Urban Forest Strategy is at the core of TFAC’s mandate. • TFAC has requested to receive updates on UFS progress from staff twice per year, at our regular meetings. <p>Tasks:</p> <ul style="list-style-type: none"> • Set dates for presentations with staff • Amber to review suggested metrics from earlier TFAC and share with committee and staff 	<p style="text-align: center;">Roberto (proposed)</p> <p style="text-align: center;">(Presentation: Jill-Anne S.)</p>	Ongoing	N/A	<p style="text-align: center;">TFAC mandate / UFS as a whole</p> <p>Strong and Healthy Environment 3C: Plant more trees and better protect them from deforestation, invasive species, and other threats.</p> <p>Strong and Healthy Environment 3E: Work together to protect all aspects of our natural environment including woodlands, wetlands, river and watercourses, and air quality as our city grows.</p>
Climate Change	<p>Climate change represents a massive threat to trees and forests around the world, as trees struggle to adapt to changing climatic conditions (and, in particular, drought).</p> <p>Tasks:</p> <ul style="list-style-type: none"> • Discuss issues around climate change and how City might address them; make recommendations <ul style="list-style-type: none"> ○ Issues to be discussed include: seed and stock sourcing, watering, catastrophic loss from pests or storms, impacts on canopy growth, education 	<p style="text-align: center;">Amber</p>	Dec. (likely to carry over into 2020)	N/A	<p>Strong and Healthy Environment 3E: Work together to protect all aspects of our natural environment including woodlands, wetlands, river and watercourses, and air quality as our city grows.</p>
Committee Development	<p>Tasks:</p> <ul style="list-style-type: none"> • Identify potential educational/outreach opportunities for members to possibly attend to help keep abreast of current developments in urban forestry (e.g., forestry conferences) and plan to have at least 2 TFAC members attend such opportunities this year. 			\$300 (tent.)	<p>SP - Innovative and Supportive Organizational Practices 2B: Use innovative and best practices in all organizational and management activities</p>

UFS Principle #1: Plant More					
Project/Initiative	Background	Lead/Responsibility	Proposed Timeline	Proposed Budget	Link to Strategic Plan, Urban Forest Strategy or Tree Planting Strategy
Phased Planting in Unassumed Subdivisions	This was recommended by an earlier TFAC and supported by PEC; we would like to follow up regarding implementation	Amber	Nov.	N/A	SP - Strong and Healthy Environment 3C
Shade Policy	<p>TFAC had previously recommended the creation of a shade policy, which was supported by PEC. However, it does not appear to have been mentioned in the new Parks Master Plan</p> <p>Tasks:</p> <ul style="list-style-type: none"> • Request update • Discuss issue with MLHU, which has expressed interest in this issue in the past • Make follow-up recommendations if necessary 	TBD	Nov.	N/A	SP - Strong and Healthy Environment 3C
Impacts of provincial funding changes	We would like to better understand the impacts of changes to provincial funding sources on local tree planting, & implications for the municipal Tree Planting Strategy	Jim (proposed)	Sept.	N/A	Tree Planting Strategy (general)

UFS Principle #2: Protect More

Project/ Initiative	Background	Lead/ Responsibility	Proposed Timeline	Proposed Budget	Link to Strategic Plan, Urban Forest Strategy or Tree Planting Strategy
Planting & Monitoring Efforts	<ul style="list-style-type: none"> Goal is to develop recommendations for what data should be recorded during planting, establishment, and cutting, so as to know (e.g.) how long a tree typically lives in London (& if that's improving or worsening), how many trees are being removed a year, what the survival rate is of different species, etc. <p><i>Note: Proposed carry-over from 2018 workplan</i></p>	Amber C.	Dec. 2019	N/A	
Woodland Acquisition Policy	<ul style="list-style-type: none"> TFAC wishes to gain a better understanding of how the woodland acquisition policy currently works <p>Tasks:</p> <ul style="list-style-type: none"> Request presentation from staff; make recommendations if applicable 	TBD	Nov. 2019	N/A	Strong and Healthy Environment 3E
Woodland Cover Target	<ul style="list-style-type: none"> This had been included in the UFS as a long-term (5 year+) item which an earlier TFAC had strongly advocated for. As it has now been 5 years since the UFS was completed, we would like to begin looking at this item again in more detail. 	Amber C.	Nov. 2019	N/A	
Tree Protection By-Law	<ul style="list-style-type: none"> Opportunity to provide feedback in summer, 2019 <p>Update:</p> <ul style="list-style-type: none"> Complete – comments in August, 2019 TFAC report and presentation given to PEC on this topic Committee should plan to review final Tree Protection By-law after it is approved to understand what recommendations made it in and discuss if there are ways (programs, education initiatives, etc.) outside the by-law other goals could be met 	Committee	July – Sept. 2019	N/A	
No Net Loss Policy (TENT.)	<ul style="list-style-type: none"> Review outcomes of earlier discussion on “No Net Loss” from 2018 Make recommendations if necessary 	Roberto (proposed)	TBD	N/A	

UFS Principle #3: Maintain Better

Project/Initiative	Background	Lead/ Responsibility	Proposed Timeline	Proposed Budget	Link to Strategic Plan, Urban Forest Strategy or Tree Planting Strategy
Soil, stakes, compost & watering discussion	<p>Municipalities vary in how they approach soil and compost in new plantings, and watering programs after trees get in the ground.</p> <p>Tasks:</p> <ul style="list-style-type: none"> • Review London’s standards or systems • Seek input from other municipalities through a message to Canufnet • Make recommendations as appropriate 	Jim (proposed)	Sept. – Nov. 2019	N/A	
Warranties	<p>Some members have observed significant die-back in street tree plantings along higher-order roads.</p> <p>Task:</p> <ul style="list-style-type: none"> • Identify current warranty standards and what happens when a tree dies under warranty • Make recommendations if necessary 	Jim	Sept. 2019	N/A	

UFS Principle #4: Engage the Community

Project/Initiative	Background	Lead/ Responsibility	Proposed Timeline	Proposed Budget	Link to Strategic Plan, Urban Forest Strategy or Tree Planting Strategy
Mulch volcano awareness project	<p>Committee members have frequently spotted instances of “volcano mulching” around London. This over-mulching can smother roots and cause damage to a tree’s trunk. We’d like to explore the possibility of doing an educational campaign targeting landscaping companies, facility landlords (hospitals, nursing homes, schools, etc) and London residents.</p> <p>Materials could include website content, trifold, posters, etc.</p> <p>Tasks:</p> <ul style="list-style-type: none"> • Investigate ISA messaging and guidelines on this topic • Develop recommendations for how • If possible (and budget expenditure approved), work with graphic designer to develop materials • Consider if this concept could be extended to other tree care issues (e.g., when to remove tree collars, about pruning, moving firewood, etc.?) 	Jim K.	Sept. – Dec. 2019	TBD	
Canopy cover loss project	<p>How can we communicate with the community about what the main causes of loss are? Do we have this data?</p> <p>Tasks:</p> <ul style="list-style-type: none"> • Speak to UTRCA about the data they have about tree loss at the watershed level, and implications for London 	Amber C.	Dec. 2019 (likely extending into 2020)	N/A	