

Agenda

Trees and Forests Advisory Committee

4th Meeting of the Trees and Forests Advisory Committee

April 25, 2018, 12:15 PM

Committee Room #4

	Pages
1. Call to Order	
1.1 Disclosures of Pecuniary Interest	
2. Scheduled Items	
3. Consent	
3.1 3rd Report of the Trees and Forests Advisory Committee	2
3.2 Municipal Council resolution adopted at its meeting held April 10, 2018 with respect to the 4th Report of the Environmental and Ecological Planning Advisory Committee	4
4. Sub-Committees and Working Groups	
5. Items for Discussion	
5.1 Oak Wilt Status Update – B. Williamson	6
5.2 Suggested Locations for Tree Planting or Naturalization Projects – J. Kogelheide	8
6. Deferred Matters/Additional Business	
7. Adjournment	

Next Meeting: May 23, 2018

Trees and Forests Advisory Committee

Report

3rd Meeting of the Trees and Forests Advisory Committee
March 28, 2018
Committee Room #4

Attendance PRESENT: R. Mannella (Chair); T. Khan, J. Kogelhelde, C. Linton, N. St. Amour, M. Szabo and R. Walker and J. Bunn (Acting Secretary)

ABSENT: C. Haindl and G. Mitchell

ALSO PRESENT: A. Beaton, J. Spence, J. Ramsay and S. Rowland

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 Green Legacy Study Update

That the attached presentation from B. Curry, ReForest London, with respect to an update on the Green Legacy Study, BE RECEIVED.

3. Consent

3.1 2nd Report of the Trees and Forests Advisory Committee

That the 2nd Report of the Trees and Forests Advisory Committee, from its meeting held on February 28, 2018, BE RECEIVED.

4. Sub-Committees and Working Groups

None.

5. Items for Discussion

5.1 Tree Protection By-law – Verbal Update

That it BE NOTED that the Trees and Forests Advisory Committee heard a verbal update from J. Spence, Manager, Urban Forestry, with respect to the Tree Protection By-law.

5.2 2018 Work Plan

That the revised attached 2018 Work Plan for the Trees and Forests Advisory Committee BE FORWARDED to the Municipal Council for consideration.

6. Deferred Matters/Additional Business

None.

7. Adjournment

The meeting adjourned at 1:23 PM.



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April 11, 2018

S. Muscat
AECOM
250 York Street
London, ON N6A 6K2

P. Yeoman
Manager, Development Services

S. Shannon
Technologist II

I hereby certify that the Municipal Council, at its meeting held on April 10, 2018 resolved:

That, the following actions be taken with respect to the 4th Report of the Environmental and Ecological Planning Advisory Committee from its meeting held on March 15, 2018:

- a) the following actions be taken with respect to the Victoria Bridge Environmental Assessment:
 - i) the detailed design BE REVIEWED by one of the City of London's Ecologist Planners; and,
 - ii) an Environmental Study Report BE REQUIRED in the Request for Proposal;

it being noted that the Environmental and Ecological Planning Advisory Committee received a presentation appended to the 4th Report of the Environmental and Ecological Planning Advisory Committee from S. Shannon, Technologist II, Transportation Planning and Design and S. Muscat, AECOM, with respect to this matter;

- b) the revised You, Your Dog and Environmentally Significant Areas brochure BE REFERRED back to the Working Group for further amendments and to report back at the next Environmental and Ecological Planning Advisory Committee meeting;
- c) clause 4.2 of the 4th Report BE AMENDED by deleting the clause in its entirety and replacing it with the following:

“the fourth draft of the Green Standards for Light Pollution and Bird-Friendly Development BE REFERRED to the Manager, Development Services, to review and to prepare a version for the Municipal Council's consideration; it being noted that three Advisory Committees have made this recommendation; it being further noted that Section 4.1 of the Guidelines contemplates a light curfew for London; the specific times have been left blank; a suggested light curfew would be from 1:00 AM to 7:00 AM.”;

- d) the fourth draft of the Green Standards for Light Pollution and Bird-Friendly Development BE REFERRED to all City of London Advisory Committees for their consideration; and,

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e) clauses 1.1, 2.1, 3.1, 3.2, 3.3 and 6.1 BE RECEIVED. (3.1/6/PEC)



C. Saunders
City Clerk
/lm

- cc. Chair and Members, Accessibility Advisory Committee
Chair and Members, Animal Welfare Advisory Committee
Chair and Members, Diversity Inclusion and Anti-Oppression Advisory Committee
Chair and Members, Community Safety and Crime Prevention Advisory Committee
Chair and Members, London Housing Advisory Committee
Chair and Members, Advisory Committee on the Environment
Chair and Members, Transportation Advisory Committee
Chair and Members, Agriculture Advisory Committee
Chair and Members, London Advisory Committee on Heritage
Chair and Members, Trees and Forests Advisory Committee
Chair and Members, Environmental and Ecological Planning Advisory Committee
Chair and Members, Cycling Advisory Committee
Chair and Members, Childcare Advisory Committee
J. Bunn, Committee Secretary
K. M. Myers, Committee Support Clerk

Oak Wilt

An Invasive Pathogen on Canada's Doorstep!



P Kurzeja, Forest Health Division, Michigan D N R.

What is it?	Trees at risk:	Where is it?
<p>Oak wilt is a vascular disease of oak trees, caused by the fungus <i>Ceratocystis fagacearum</i>. The fungus grows on the outer sapwood of oak trees restricting the flow of water and nutrients through the tree.</p>	<p>All oak species are susceptible and at risk. The red oak group (red, black, pin) is the most susceptible, with mortality frequently occurring within one growing season. Oaks in the white oak group (white, bur) are also affected but are more resistant.</p>	<p>Oak wilt has spread throughout the Eastern United States. In 2016, oak wilt was confirmed on Belle Isle (United States), in the middle of the Detroit River, 579 meters from the shores of Windsor, Ontario.</p>

Signs and Symptoms:



Invasive Species Centre

- Leaves turn dull green, brown or yellow
- Discoloration of leaves progressing from the edge of the leaf to the middle
- Wilting and bronzing of foliage starting at top of the tree and moving downwards
- Premature leaf fall (including green leaves)
- White, grey or black fungal mats just under the bark that emit a fruity smell
- Vertical bark cracks in the trunk and large branches as a result of the fungal spore mats (also referred to as pressure pads) exerting outward pressure on the bark


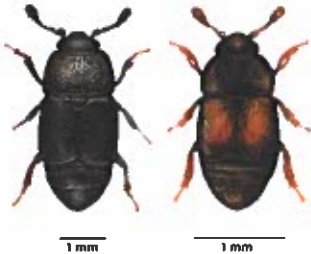

Impacts:



D.W French, University of Minnesota, Bugwood.org

- Impacts property values and neighbourhood aesthetics
- Increased costs with tree maintenance, removal and replacement
- Loss of a valued shade tree
- Negative impacts to the forestry industry and production of high value oak products
- Reduction in food source for forest animals provided by oak trees
- Loss of habitat for some species
- Reduction of ecological services (air and water filtering)
- Safety and liability issues

How is oak wilt spread?

Roots	Insects	Humans
<p>The disease spreads from infected trees to uninfected trees of the same species through root-to-root contact.</p>  <p>James Solomon, USDA Forest Service, Bugwood.org</p>	<p>Insects such as sap-feeding nitidulid beetles can move spores from infected trees to healthy trees.</p>  <p>USDA Forest Service, Northeastern Area State and Private Forestry</p>	<p>Movement of wood products, (particularly those with bark), such as firewood can spread the pathogen over long distances as they can harbor fungal mats.</p>  <p>Joseph OBrien, USDA Forest Service, Bugwood.org</p>

What can you do?

There is no cure for oak wilt infected trees. The best approach is to avoid or reduce infection in areas where disease occurs by:

- Identifying and removing diseased trees
 - Preventing the formation of, or severing existing root connections between diseased and healthy trees
 - Minimizing wounds on healthy trees during the flight period of potential insect carriers
- **DO NOT** prune oak trees from **April to July**. If pruning must occur, or if a tree is injured, apply a thin layer of wound paint immediately.
 - **DO NOT** move firewood. Oak wilt is spread by the movement of infected wood.

If you see signs and symptoms of oak wilt, report the sightings to:

- The Canadian Food Inspection Agency (CFIA)
<http://www.inspection.gc.ca/about-the-cfia/contact-us/eng/1299860523723/1299860643049>
- EDDMapS Ontario
<https://www.eddmaps.org/ontario/>
- Invading Species Hotline
1-800-563-7711

For more information on oak wilt visit:

- Oak wilt species profile on the Forest Invasives Canada website
<http://forestinvasives.ca/Meet-the-Species/Pathogens/Oak-Wilt>

Produced in collaboration with:



Invasive
Species
Centre



Ontario

Canada

TFAC – May meeting ideas

I'm not sure if TFAC is supposed to suggest locations for tree planting or naturalization projects... so I went ahead and made some!

Wharncliffe & Commissioners park

In the south west corner of this park there is a nice collection of pine trees. This part of the park doesn't get used all that much and I think it would be an improvement to add more pines – or any other kinds of trees – to this area, with the addition of smaller trees and shrubs or bushes. I think that a nice sized area can be left unmowed to further enhance this area, bringing it to a more natural state. It would be interesting to see if certain wildflowers could also be added!

Cheapside and Sandford St

There's a huge ball field and rec area along Cheapside and Sandford St. Every time I travel along Cheapside I keep thinking that a nice chunk of this park could be naturalized, with the addition of tall pines, shrubs and bushes. I think that a nice sized area can be left unmowed to further enhance this area, bringing it to a more natural state. It would be interesting to see if certain wildflowers could also be added!

South of Riverside and Walnut St.

There's a huge area that is mostly unused park at this location. Trails begin at the south end that lead to more trails along the Thames River. I can see no reason why a large portion of this area could not be renaturalized.

Hope this is helpful

Jim Kogelheide

