



London Phragmites Working Group (LPWG) November 30, 2017, 10:00am – 12:00pm - City Hall Linda McDougall, Ecologist





#### **Ontario Invasive Plant Council, 2017:**

"The City of London is a **provincial leader** in municipal action against invasive plants. They're doing great work prioritizing invasive plant species and populations to help safeguard urban biodiversity hubs. More on their efforts at <a href="http://www.lfpress.com/.../strategy-if-adopted-calls-for-a-tr...">http://www.lfpress.com/.../strategy-if-adopted-calls-for-a-tr...</a>.

London's strategic approach to invasive plant planning has helped provide a model for other municipalities to build from."



<u>LIPMS</u> adopted by City Council September 2017





and future



Woodland

Program





### STRATEGIC PROCESS

The LIPMS proposes to respond to the City's priority of rehabilitating and enhancing the Natural Heritage System as outlined in policy 1417 of the London Plan by addressing the spread of priority invasive plants in London through a hierarchical approach prioritizing the following processes:

- 1) Inventory/Mapping of existing priority invasive plants;
- 2) Early Detection and Rapid Response to new invasions;
- 3) Management of established invasive plant colonies (using containment, eradication control measures);
- 4) Restoration of native communities; and
- 5) Prevention of new invasions.





Invasive Plant Species Management in London's ESAs, Parks & Woodlands									
	2006 - 2008	2009	2010	2011	2012	2013	2014	2015	2016
Phragmites australis (Common Reed)*							•	•	•
Japanese Knotweed*						•	•	•	•
Dog Strangling Vine*						•	•	•	•
Common and Glossy Buckthorn*	•	•	•	•	•	•	•	•	•
Giant Hogweed*					•	•	•	•	•
Garlic Mustard		•						•	•
Goutweed							•	•	•
Periwinkle								•	•
Purple Loosestrife		•						•	•
Black Locust								•	•
Scots Pine							•	•	•
Non-Native Honeysuckle								•	•
Russian/Autumn Olive							•	•	•
*denotes priority species									





#### Next Steps

Incorporate Invasive Plant Management into Land Use Planning

Promote the use of EDDMapS in Ontario

Contaminated Materials and Equipment (Clean Equipment Protocol)

Staff Training and Education

Public Education and Outreach

Stormwater Management Unit

Parks Operations

Development Services



#### LONDON INVASIVE PLANT MANAGEMENT STRATEGY



#### RECOMMENDATIONS

The LIPMS sets out a detailed vision for controlling multiple invasive species across the entire City. The following recommendations are needed to implement the strategy. Each recommendation will require specific funding to fully and effectively implement. Staff will, upon acceptance of this report, prepare detailed funding and implementation timelines for Council approval.

1) Develop a *Phragmites* control program according the Strategic Process (Section 5.0) outlined in the LIPMS. This is the City's highest priority species, as it poses the biggest threat to the ecological integrity and long term health of the City's Natural Heritage System, and creates potential health and safety concerns. As such, this program is already being developed in conjunction with other City departments outside of Planning Services to make it a city-wide control program. This program will include reaching out to City of London neighbours and provincial partners with the intent of creating a larger regional approach to controlling this species as quickly as possible.

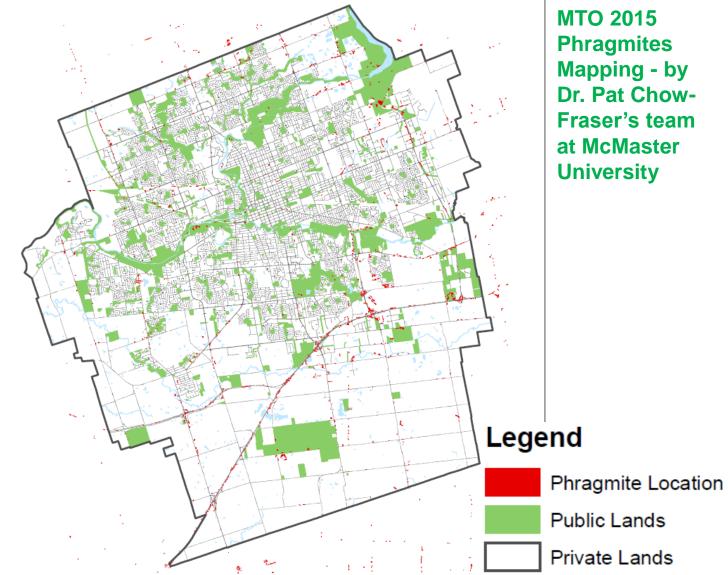


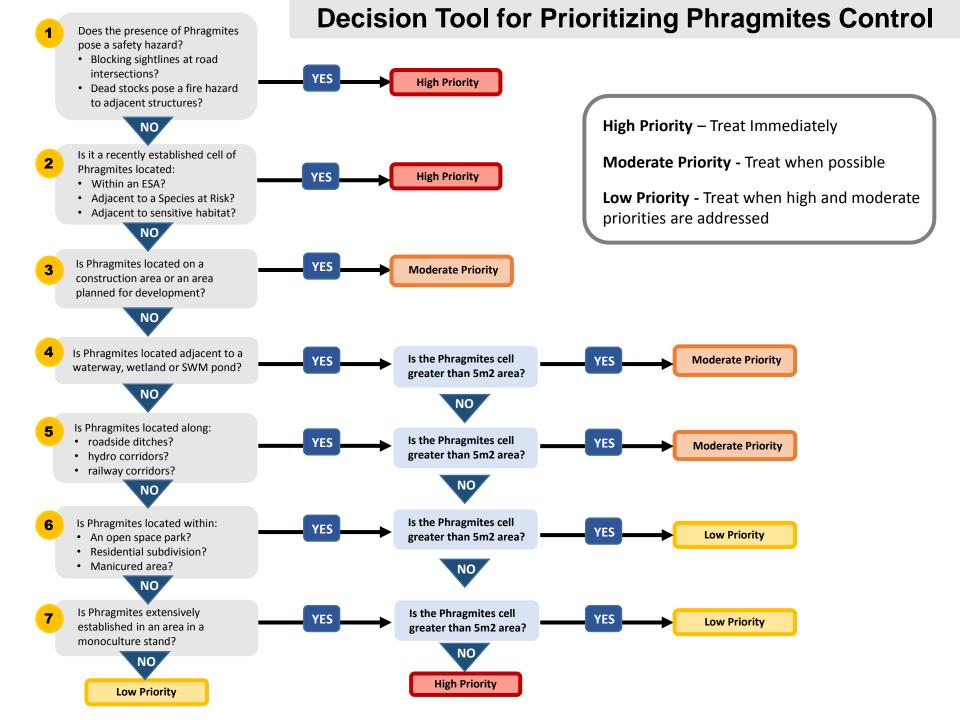






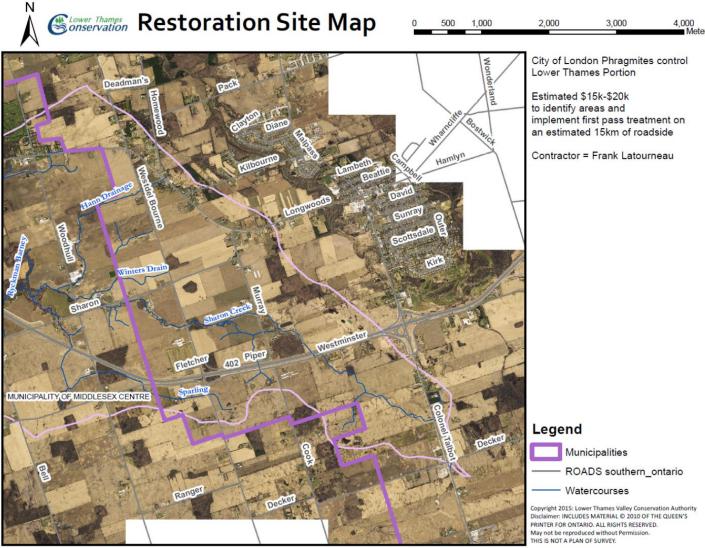
















#### 2018 Phragmities Management and Monitoring:

- Phragmites reporting/mapping tool goes live City website
- City Environmentally Significant Areas (720 hectares of land) by City funded ESA team ongoing since 2014
- 30 kilometers of City roadways in Lower Thames Valley Subwatershed partnership with LTVCA/City Roadside Ops
- Thames River at Fanshawe Dam working downstream
- Storm Water Management Ponds Phragmites control by SWM Unit
- EA/EIS recommendations for Phragmites control in Development Agreements, Subdivision Agreements and EA recommendations
- Ongoing Parks Operations, Urban Forestry Park and Woodland invasive species management projects
- Private Lands (90% City) provide a list of contractors
- London Phragmites Management Strategy finalized





# Thank you to our Phrag Fighters!

Next London Phragmites Working Group meeting will be in 2018 - date is to be determined.

#### Note no meeting in January 2018

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