



**The Corporation of The Township of The Archipelago
Council Meeting**

Agenda Number: 15.1.
Resolution Number 23-058
Title: Road Management Action on Invasive Phragmites
Date: Friday, April 21, 2023

Moved by: Councillor Barton
Seconded by: Councillor Lundy

WHEREAS *Phragmites australis* (*Phragmites*) is an invasive perennial grass that continues to cause severe damage to wetlands and beaches in areas around the Great Lakes including Georgian Bay; and

WHEREAS *Phragmites australis* grows and spreads rapidly, allowing the plant to invade new areas and grow into large monoculture stands in a short amount of time, and is an allelopathic plant that secretes toxins from its roots into the soil which impede the growth of neighboring plant species; and

WHEREAS *Phragmites australis* results in loss of biodiversity and species richness, loss of habitat, changes in hydrology due to its high metabolic rate, changes in nutrient cycling as it is slow to decompose, an increased fire hazard due to the combustibility of its dead stalks, and can have an adverse impact on agriculture, particularly in drainage ditches; and

WHEREAS invasive *Phragmites* has been identified as Canada's worst invasive plant species by Agriculture and Agrifood Canada; and

WHEREAS the Ontario government has made it illegal to import, deposit, release, breed/grow, buy, sell, lease or trade invasive *Phragmites* under the Invasive Species Act; and

WHEREAS *Phragmites* occupy over 4,800 hectares of land around Lake St. Clair alone, while 212 hectares of *Phragmites* occupy land along the St. Lawrence River. The Georgian Bay Area is particularly affected by *Phragmites australis*, with more than 700 stands along the shorelines and multiple visible stands on the highways and roads that threaten valuable infrastructure and wetland areas; and

WHEREAS volunteers, non-governmental organizations, and various municipalities have invested tens of thousands of dollars in investments and labour annually for more than eight years in executing managements plans to control invasive *Phragmites* on roads, coasts, shorelines and in wetlands; and

WHEREAS roads and highways where *Phragmites* that are left untreated become spread vectors that continually risk new and treated wetlands and coastal shoreline areas; and

WHEREAS according to “Smart Practices for the Control of Invasive *Phragmites* along Ontario’s Roads” by the Ontario *Phragmites* Working Group, best road management practices for *Phragmites australis* include early detection, herbicide application, and cutting; and

WHEREAS these best management practices are most effective when used in a multi-pronged approach as opposed to when used as stand-alone control measures; and

WHEREAS Mother Nature does not recognize political boundaries. Therefore, it is imperative that Municipalities, Districts, the Province, and the Federal government work together in collaboration to eradicate Canada’s worst invasive plant species *Phragmites australis*.

NOW THEREFORE, BE IT RESOLVED that Council for the Township of The Archipelago directs its staff to implement best management practices to promote early detection of invasive *Phragmites*, and to implement best management practices for invasive *Phragmites*, and to join the Ontario *Phragmites* Working Group to collaborate on the eradication of *Phragmites* in Ontario.

BE IT FURTHER RESOLVED that Council for the Township of The Archipelago directs staff to insert clean equipment protocols into tenders and that there is oversight that the protocols are followed.

BE IT FURTHER RESOLVED that Council for the Township of The Archipelago requests the Ontario Ministry of Transportation to map and treat invasive *Phragmites* annually on all its highways.

BE IT FURTHER RESOLVED that the Ontario Ministry of Transportation (MTO) communicates the strategy on mapping (detecting sites) and controlling invasive *Phragmites* on provincial highways, the specific highway management plans and results by each MTO region and each highway in the region and work in coordination with Township of The Archipelago.

BE IT FURTHER RESOLVED that Council for the Township of The Archipelago directs its staff to send this resolution to all municipalities that are part of the Georgian Bay watershed, to the Minister of Transportation, Christopher Balasa the Manager, Maintenance Management, and MPP (the Municipality’s local MPP).

BE IT FINALLY RESOLVED that Council for the Township of The Archipelago requests all levels of government to consider funding support to aid the Township of The Archipelago in managing invasive *Phragmites*; and directs staff to send a copy of this resolution to the Ontario Minister of Environment, Conservation and Parks and the Minister of Environment and Climate Change Canada.

Carried