

Communication and Notification Plan for Phragmites Control in Long Point Region

Environment and Climate Change Canada - Canadian Wildlife Service
Ministry of Northern Development, Mines, Natural Resources and Forestry
Ministry of the Environment, Conservation and Parks
Nature Conservancy of Canada

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1. Communication Plan

1.1. Background

Phragmites (*Phragmites australis* (Cav.) Trin. Ex Steud) has been described as Canada's worst invasive plant. It is a perennial grass that is causing damage to coastal wetlands in Ontario. Phragmites invasion and subsequent rapid expansion has been documented as contributing to the decline of at least 25% of Ontario's species at risk (SAR). Studies on the control of Phragmites conducted in Ontario and the United States suggest that the most effective control methods include a combination of herbicide application and mechanical control (cutting/rolling and prescribed burning). As such, Environment and Climate Change Canada - Canadian Wildlife Service (ECCC-CWS), the Ministry of Northern Development, Mines, Natural Resources and Forestry (MNDMNRF), the Ministry of Environment, Conservation and Parks (MECP), and the Nature Conservancy of Canada (NCC) ("the Project Team") will be continuing to use these combined methods to control/eradicate Phragmites within the Long Point Region.

1.1.1 Communications

To address the continued and exponential growth of Phragmites in the Long Point Region, in March 2015 the MNDMNRF initiated an application for an Emergency Registration (ER) for the use of the water-safe herbicide RoundUp Custom to Health Canada's Pest Management Regulatory Agency (PMRA). In June 2015, a presentation was given at the Long Point Ratepayers' Association Annual General Meeting to advise members of the public about the ER application. Subsequent to that meeting, the Long Point Ratepayers' Association held a fundraising event in support of Phragmites control efforts in the Long Point Crown Marsh. An additional community information session was held in July 2015, organized by the Long Point Phragmites Action Alliance to share information on the impacts of Phragmites, future control plans and opportunities for the public to become engaged. Overwhelming support for the project was received at all of these events.

Following the public information sessions, the MNDMNRF issued a Class Environmental Assessment for Resource Stewardship and Facility Development, which included a public review period (July-August 2015). The Class Environmental Assessment identified the herbicide application project plan, and notification of this review was posted in 16 prominent locations in the Long Point and Port Rowan communities. During this period, no comments were received. A Revised Notice of Completion for a Category B Class Environmental Assessment was posted on July 3rd,

2017 to address the project expansion areas and allowed for the opportunity for public review for a minimum of 30 days. On January 5th, 2018, the public notice period closed for the proposal to control Phragmites and Turkey Point Provincial Park as part of requirements under the Class Environmental Assessment for Provincial Parks and Conservation Reserves.

1.1.2 Implementation, 2016-2020

The MNDMNRFF submitted the application for an ER in January 2016. This request for an ER for the Long Point Region was based on the observed exponential growth of Phragmites in these coastal marshes. Local biologists and scientists advised that the health of these coastal marshes was at a critical tipping point; if immediate action was not taken, the provincial, national and globally significant natural heritage values, including SAR and their critical habitats, for which these areas are recognized may be permanently lost.

The 2016 ER application was approved by Health Canada's PMRA, and included aerial and ground application of an herbicide (RoundUp Custom; active ingredient glyphosate) to control Phragmites in shoreline and wetland habitats. Management occurred in three pilot areas: the Long Point Crown Marsh, the tip of Long Point and the Long Point Company private marsh.

From 2017-2019, the MNDMNRFF submitted annual ER applications, which were approved by the PMRA. Phragmites management occurred over wetlands in Turkey Point, the Lower Big Creek Watershed, several areas on Crown properties, and 3 small pilot areas on federal land within the Big Creek and Long Point National Wildlife Areas (NWAs).

In 2018 and 2019, subsequent applications were made to PMRA for an ER and approved in the Long Point Region. Some additional areas were targeted in the Big Creek Watershed during this time along with retreatment of several areas on Crown properties.

In 2020, ECCC-CWS jointly sponsored the ER application to PMRA with the MNDMNRFF to enable work to be undertaken at the Big Creek and Long Point National Wildlife Areas. The Integrated Conservation Action Plan for the Long Point Walsingham Forest Priority Place, as well as the Big Creek and Long Point National Wildlife Area (NWA) management plans, evaluate the major threats to the biological integrity of the areas, which includes the impact of non-native Phragmites. All three plans have a goal

to manage 90% of the Phragmites within the NWAs by 2025, which includes treatment using herbicides.

1.1.3 Implementation, 2021

In March 2021, following completion of an evaluation of available scientific information, the PMRA under the authority of the Pest Control Products Act, registered the sale and use of the herbicide Habitat Aqua (active ingredient imazapyr) for the control of Phragmites growing in and around aquatic sites in Canada. The registration of Habitat Aqua provides another tool for the effective management of Phragmites where it occurs in an aquatic setting in non-cropland areas. The MNDMNR and MECP plan to utilize this product to address the retreatment of Phragmites within the Long Point Crown Marsh, Long Point and Turkey Point Provincial Parks in 2021. This work will be undertaken by ground-based methods, and the total area of treatment is expected to be small (<20ha).

In addition, ECCC-CWS has submitted an ER application to PMRA for the continued use of glyphosate over wetlands within the NWAs and some adjacent, privately-owned properties. This ER will enable the timely continuation of large-scale Phragmites management within the NWAs; if the ER is not received, ECCC-CWS will use the imazapyr-based herbicide but the treatment area will be significantly reduced and will not include aerial application.

1.2. Meeting with the Haldimand-Norfolk Health Unit

On June 8, 2021, the Project Team met with the Haldimand-Norfolk Health Unit (HNHU) regarding project details and the Notification Plan. As the project is initiated, the Project Team will continue to be in contact with the HNHU. The Project Team will notify the HNHU 48 hours prior to project commencement and will be provided with key messages to support any inquiries they may receive.

1.3. Public Information Session

An annual public information session, led by the Long Point Phragmites Action Alliance, was held virtually, on July 30, 2021 to provide updated information on the herbicide application and project outcomes to local residents. The Project Team will present information regarding 2021 project plans and answer questions including specific requirements for landowners and anticipated treatment timing windows. An annual update for Indigenous communities is also being planned.

2. Notification Plan

2.1. Introduction

This pesticide use notification plan has been prepared in accordance with the requirements of the Ontario Pesticides Act, 1990.

The purpose of this plan is to meet the public's general right to know about herbicide applications made to outdoor public places that are owned or controlled by public authorities. The plan allows members of the public to take action to avoid potential contact with herbicides, if they wish. The Project Team will ensure that herbicides applied to public places are done so in a safe, responsible manner, minimizing harm to the community and the environment.

This plan sets out how the Project Team will notify members of the public of herbicide applications made for the purpose of controlling Phragmites in aquatic areas in the Long Point Crown Marsh, Long Point Provincial Park, Long Point National Wildlife Area, Turkey Point Provincial Park, Big Creek National Wildlife Area, and adjacent private lands within the Big Creek watershed, between August 15th and October 31, 2021.

The plan describes:

- What places are covered by the plan;
- How and when the Project Team will provide the public and other stakeholders with information about the herbicide application (what notification arrangements will be used);
- How the public and other stakeholders can access this plan and get more information about the Project Team's notification arrangements; and
- Contact details for anyone wishing to discuss this plan or the overall project with the Project Team.

Pending the issuance of an ER by the PMRA, ECCC-CWS and NCC will be using a glyphosate-based herbicide to control Phragmites at locations within the Long Point area (Big Creek National Wildlife Area, Long Point National Wildlife Area and private lands within the Big Creek watershed). The herbicide will be applied using both aerial (helicopter) and ground based methods including hydraulic sprayer affixed to a Marsh Master of Jon Boat and a backpack sprayer.

The MNDMNRF and MECP will be using an imazapyr-based herbicide registered for use in Canada to control Phragmites in the Long Point Crown Marsh, Long Point Provincial Park, and Turkey Point Provincial Park). This herbicide will be applied using ground-based methods only (e.g. backpack sprayer, or hydraulic sprayer affixed to Jon Boat, or Marsh Master).

It is anticipated that ground herbicide application will be initiated as early as August 15th, using equipment specially adapted for use in sensitive wetland habitats. If ECCC-CWS receives an ER for the use of glyphosate, aerial application of herbicide by helicopter is planned to occur on the National Wildlife Areas between September 1 and October 15.

Further information on the project and herbicide use can be obtained by visiting the Long Point Phragmites Action Alliance at longpointphragmites.ca. Specific questions regarding the project can be directed to:

Project Supervisor – Aerial Herbicide Application, Heather Braun at Environment and Climate Change Canada -Canadian Wildlife Service, 647-232-8495, or by email at heather.braun@ec.gc.ca

Project Supervisor – Ground Herbicide Application, Brett Norman at the Nature Conservancy of Canada, 226-231-0331, or by email at brett.norman@natureconservancy.ca

2.2. Places Covered by Notification Plan

Big Creek Watershed and Lower Big Creek Wetland Complex

For treatment with glyphosate (RoundUp Custom)

Treatment planned under the 2021 ER project for control of Phragmites in the Lower Big Creek Watershed will be occurring within the Big Creek NWA and adjacent private lands. Approximately 60 ha of Phragmites within the Big Creek Unit have been delineated for treatment, using a combination of aerial and ground herbicide application with RoundUp Custom. Small areas of retreatment of areas treated in 2020 may also occur within the Big Creek and Hahn Marsh Units of Big Creek NWA (Figure 1-2). Treatment will occur within 800m of a potential surface water intake, and therefore surface water sampling will occur following herbicide application (see Appendix C: Surface Water Sampling Plan).

Approximately 20 ha of *Phragmites* on private lands have been delineated for treatment, using ground herbicide application (Figure 3-4). Treatment may occur within 800m of a potential surface water intake, and therefore surface water sampling may occur following herbicide application (see Appendix C: Surface Water Sampling Plan).

In the Lower Big Creek area, signs will be posted at common access points and boat launches to notify boaters, paddlers, and waterfowl hunters of the treatment.

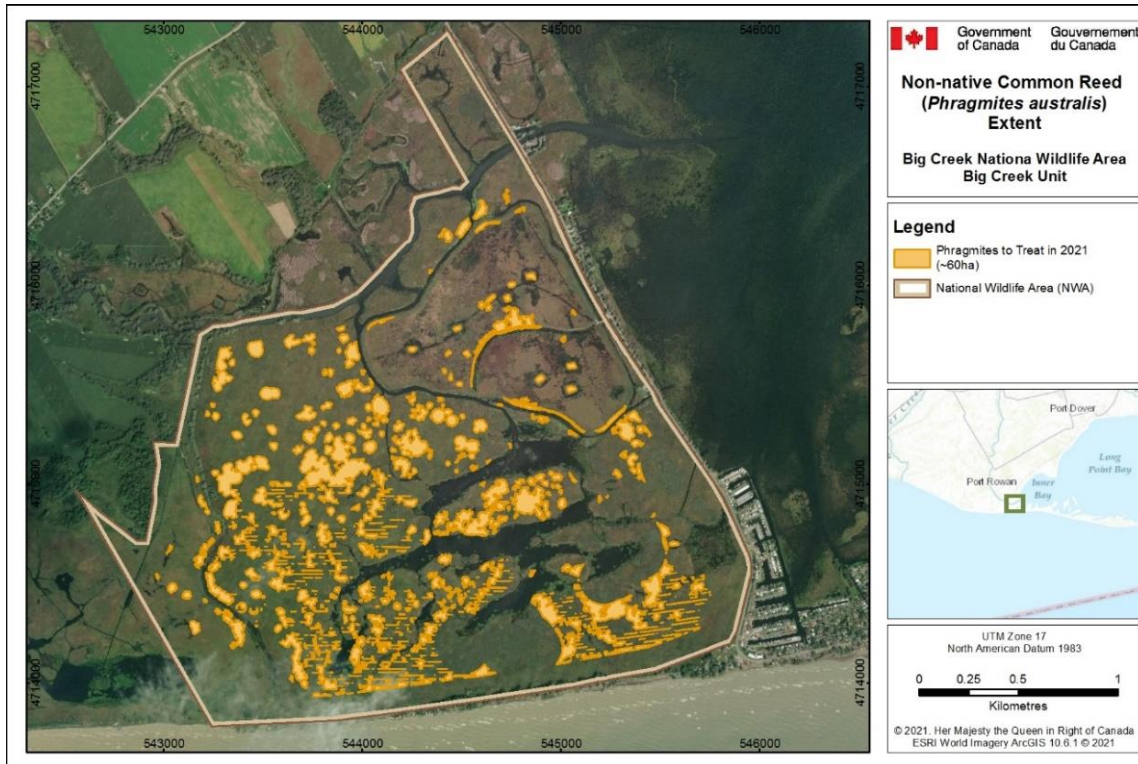


Figure 1. Anticipated treatment area (yellow) within the Big Creek Unit of the Big Creek National Wildlife Area, to occur between August 15 and October 31, 2021. Retreatment may also occur at the Big Creek Unit, within the areas treated in 2020.

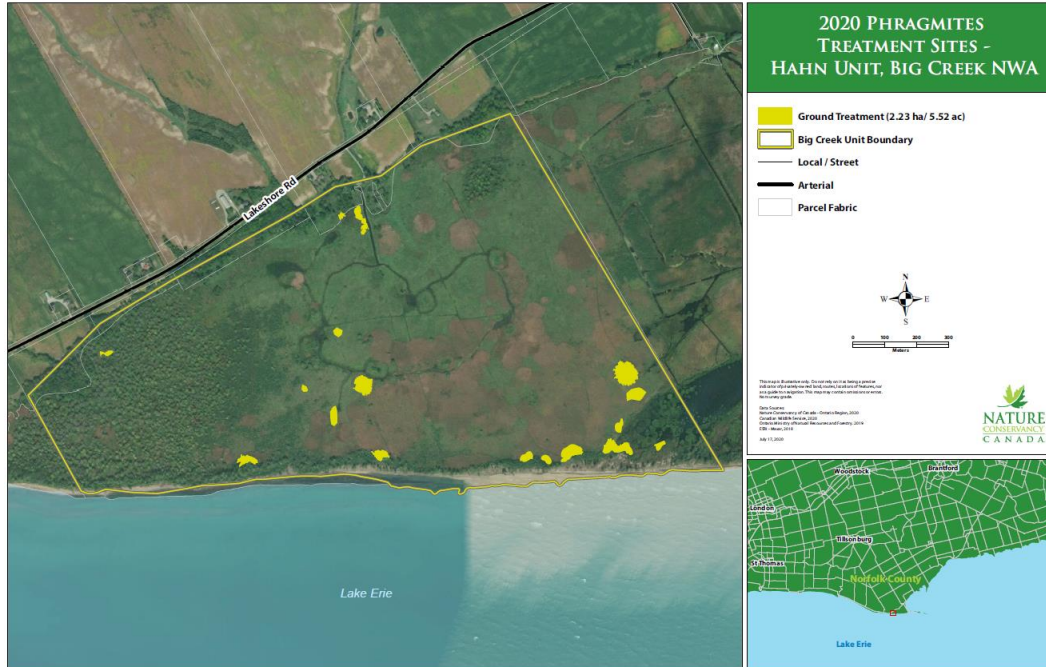


Figure 2. Potential re-treatment area (yellow) within the Hahn Marsh Unit of the Big Creek National Wildlife Area, to occur between August 15 and October 31, 2021.



Figure 3. Anticipated re-treatment areas within the inland portion of the Big Creek Watershed. Application of a very small amount of herbicide to sites in Phases 1 – 4 may occur between August 15 and October 31, 2021



Figure 4. 2020 map showing potential 2021 re-treatment sites in the Lower Big Creek wetland complex, to occur between August 15 and October 31st, 2021. No new treatment planned for this area in 2021.

Long Point National Wildlife Area and adjacent private lands

For treatment with glyphosate (RoundUp Custom)

Approximately 200 ha of Phragmites on the Long Point NWA and adjacent private lands have been delineated for treatment with the use of glyphosate under the 2021 ER (Figure 5-7). Treatment will occur more than 800m from any surface water intakes. Treatment will involve both aerial and ground herbicide application.

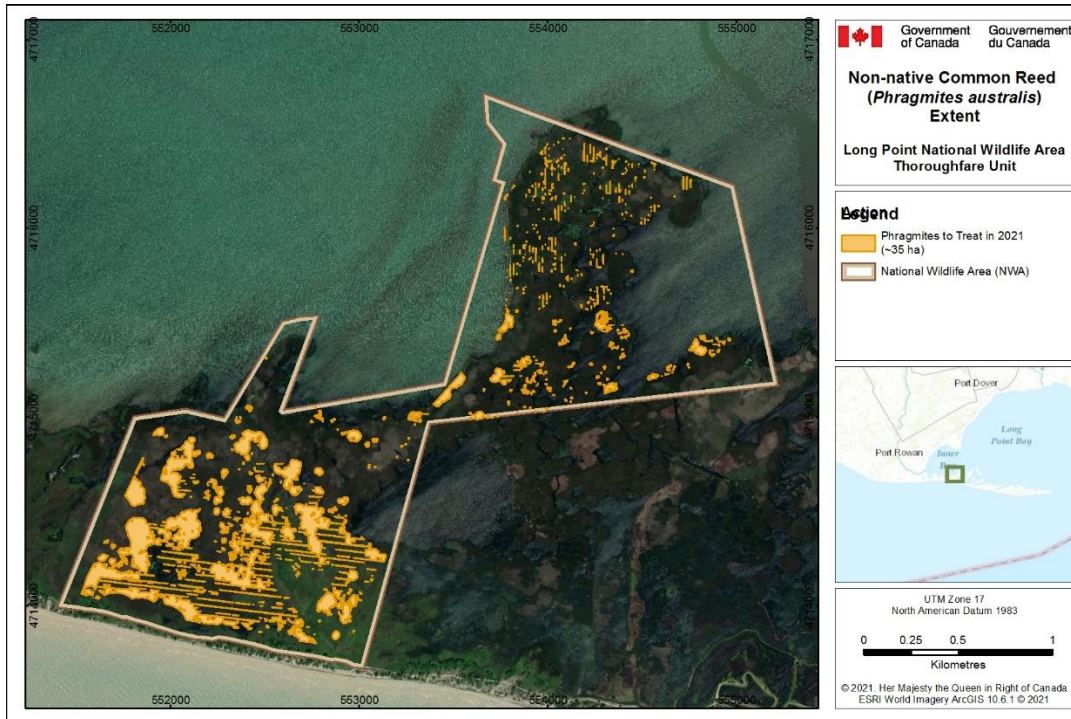


Figure 5. Anticipated treatment sites at the Thoroughfare Unit of the Long Point National Wildlife Area, to occur between August 15 and October 31, 2021. Retreatment may also occur at the Thoroughfare Unit, within the areas treated in 2020.

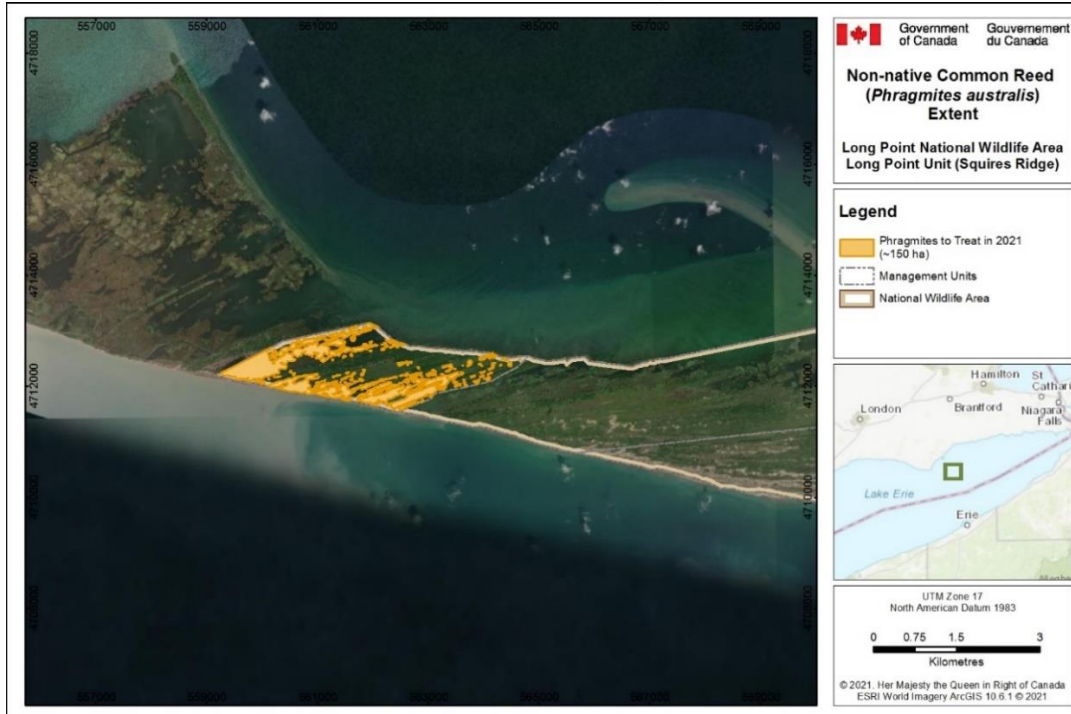


Figure 6. Anticipated treatment sites at the Squire's Ridge section of the Long Point National Wildlife Area, to occur between August 15 and October 31, 2021.

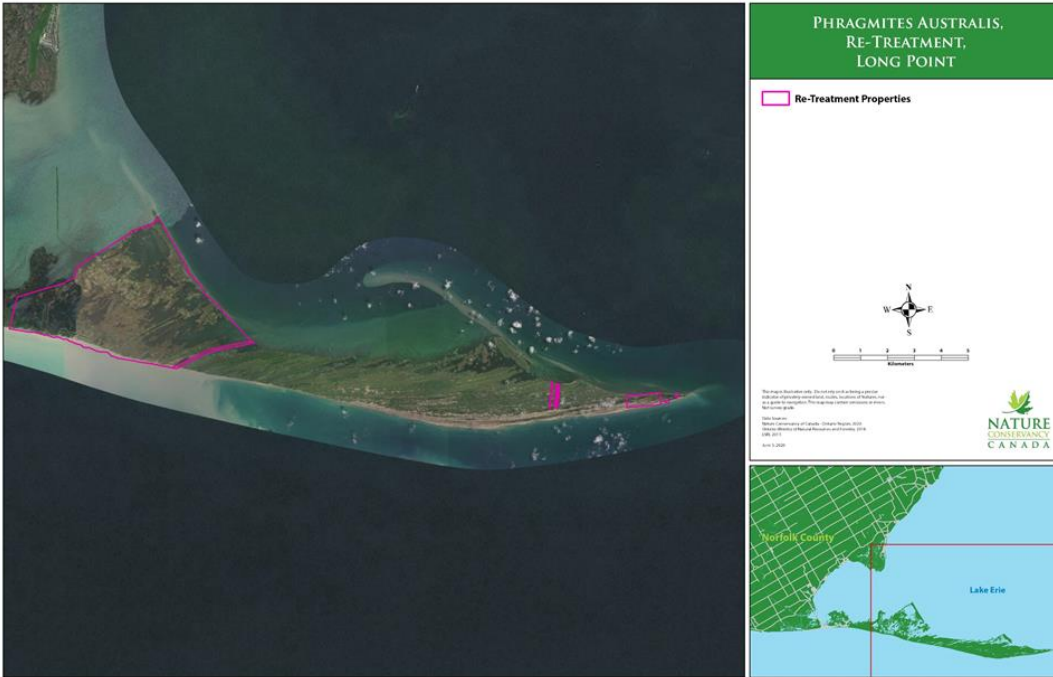


Figure 7. Anticipated re-treatment sites on private and Crown lands at Long Point. Application of a very low volume of herbicide is expected to occur between August 15 and October 31, 2021.

Long Point Provincial Park

For treatment with imazapyr (Habitat Aqua)

Up to 10 hectares at the Long Point Provincial Park, and a small section of Crown Marsh, will be treated by ground herbicide application using imazapyr (Figure 8). These sites are primarily re-treatments only, which will consist of a very low volume of herbicide allocated for spot re-treatments and very small patches of Phragmites. These sites are further than 1km from any potential surface water intake. Signs will be posted at common access points and boat launches to notify boaters, paddlers, and waterfowl hunters of the treatment.



Figure 8. Areas in Long Point Crown Marsh and Long Point Provincial Park treated in 2020. Retreatment is proposed to occur in these areas in 2021. A low volume of herbicide is expected for spot re-treatments and small patches of Phragmites regrowth.

Long Point Crown Marsh

For treatment with imazapyr

Up to 10 hectares (likely much less) at the Long Point Crown Marsh (west) will be treated by ground herbicide application using imazapyr (Figure 9). These sites are primarily re-treatments only, which will consist of a very low volume of herbicide allocated for spot re-treatments and very small patches of Phragmites. Some of these sites are within 1 km of potential surface water intakes (to be determined in the field), and will require landowner notification regarding restrictions on water use during the treatment period. Signs will also be posted at common access points and boat launches to notify boaters, paddlers, and waterfowl hunters of the treatment.



Figure 9. Areas in Long Point Crown Marsh west treated in 2020. Retreatment is proposed to occur in these areas in 2021. A low volume of herbicide is expected for spot re-treatments and small patches of Phragmites regrowth.

Turkey Point and North Shore of Long Point Inner Bay

For treatment with imazapyr

Up to 20 ha hectares will be retreated in this area in 2021, and likely much less, including provincial and private lands (Figure 10-12). A maximum of 3 ha is proposed to be treated in Turkey Point Provincial Park with imazapyr in 2021. The treatment areas are mainly in the park parcel west of Turkey Point Road, however, may also include some small-scale retreatment along Ordnance Beach in Turkey Point Provincial Park (included in total estimate).

There is no public access to any of the sites planned for treatment at Turkey Point in 2021. The project should not affect any residents or businesses in the Turkey Point community. However, signs will be posted at nearby boat-launches and common points of access to Turkey Point.

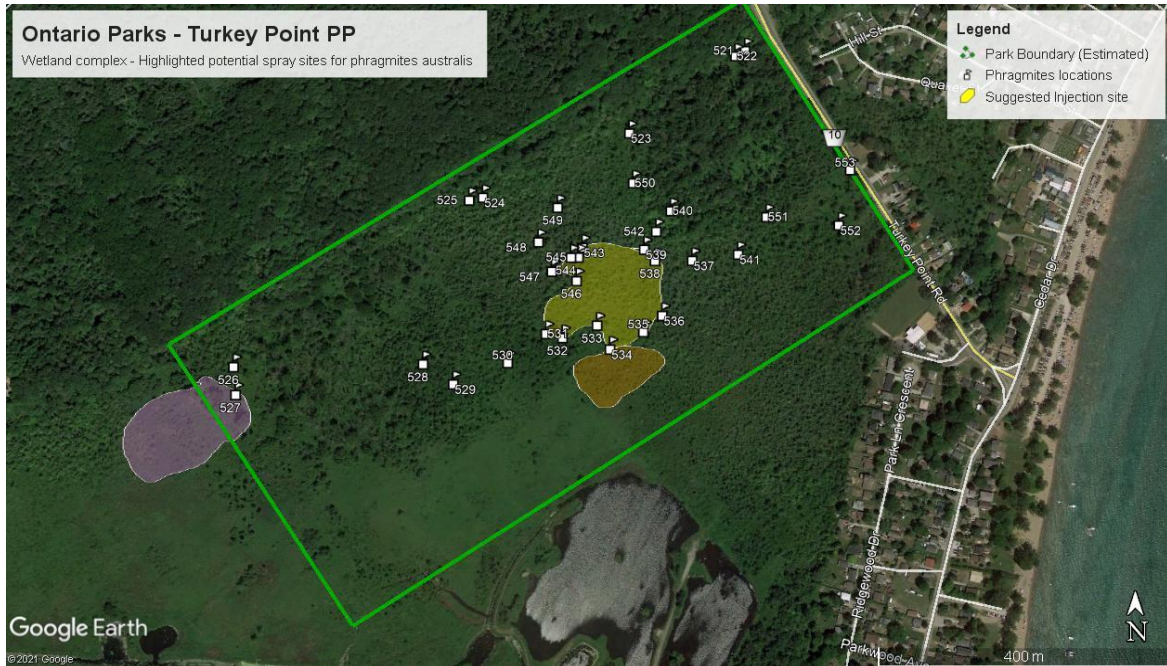


Figure 10. Anticipated treatment areas within Turkey Point Provincial Park, to occur between August 15 and October 31, 2021.

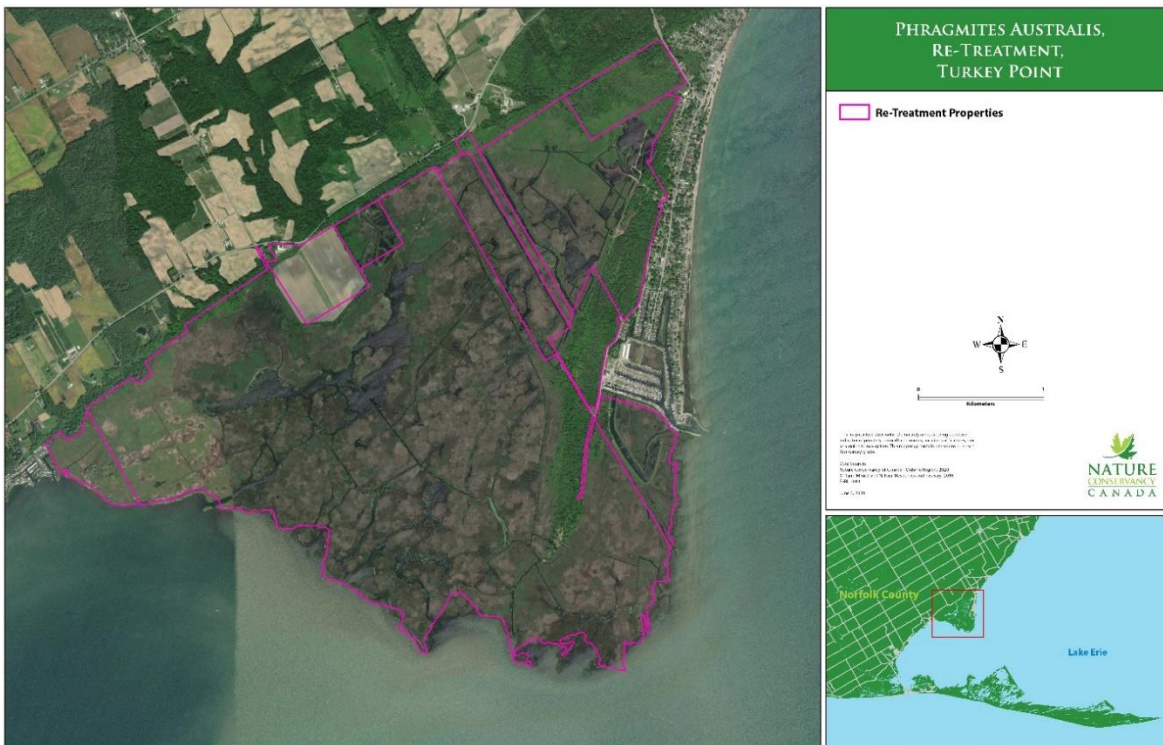


Figure 11. Anticipated re-treatment areas within Turkey Point wetland complex. Application of a very small amount of herbicide to occur between August 15 and October 31, 2021.



Figure 12. Anticipated re-treatment areas along the North Shore of Inner Bay. Application of a very small amount of herbicide to occur at one site only between August 15 and October 31, 2021.

2.3. Stakeholder and User Group Summary

The Project Team’s estimate of stakeholder groups and level of stakeholder use is summarized in the following paragraphs:

2.3.1. Residents of Long Point, Turkey Point, and Lower Big Creek

A public information session was held in July 2021 to share project details with residents and stakeholders. Roadside signage will be in place at the entrance to the causeway informing residents of project timeframe and providing contact information for the Project Supervisor where inquirers may gain further information. The Implementation Plan and live project updates will be posted on the Long Point Phragmites Action Alliance website www.longpointphragmites.ca.

2.3.2. Indigenous Communities

Since the project started in 2016 MNDMNR has held annual Information Sessions with interested First Nations for both Long Point and Rondeau area. Based on the treaty and traditional territory information, five Chippewa communities, Mississauga’s of the Credit, Six Nations and Oneida have been invited to attend the information sessions. In

addition to these communities, MNDMNRF has also invited the 2 Delaware communities located within Aylmer District; Delaware Nation and Munsee Delaware, both of these communities assert harvesting rights within the District. The sessions have been relatively well attended by the Chippewa communities and the Delaware Nation, which are mostly interested in the Rondeau project.

In June 2021, these communities were provided with an email summary of planned activities and invited to attend the public information session. The communities were also asked for feedback on a project update meeting in fall 2021.

2.3.3. Long Point Ratepayers' Association

The Long Point Ratepayers' Association was established in 1961 for the purpose of promoting the general interest and welfare of the Long Point Community. As an Association, they are also concerned with preserving Long Point's unique and fragile environment. A large number of the residents of Long Point are members of this Association; the MNDMNRF and MECP have partnered with the Long Point Ratepayers' Association on Phragmites control activities in the past with great success. This project is expected to have low to no impact on the Long Point Ratepayers' Association or any of its members. The Long Point Ratepayers' Association has led the establishment of a local concerned citizens group, the Long Point Phragmites Action Alliance. This group has been advocating for the ER project and as result it is expected that strong support from Long Point Ratepayers' Association and the Long Point Phragmites Action Alliance will be received. This notification plan and project contact information will be posted on the LPRA website which is publicly accessible.

2.3.4 Turkey Point Property Owner's Association

This notification plan and project contact information will be shared and distributed to members of the Turkey Point Property Owner's Association. Members of this association are generally supportive of Phragmites control and have expressed great interest for treatment of Phragmites to occur in this area, in particular Ordnance Beach.

2.3.5. Boaters

The Project Team will have information regarding the project posted at all boat launches and marinas in Long Point, Turkey Point and Port Rowan. Due to proposed timing and location of the project no impacts to recreational boaters are anticipated.

2.3.6. Waterfowl Hunters

The Long Point Waterfowlers' Association operates the regulated Waterfowl Hunting Unit within the Long Point Crown Marsh in partnership with the Ontario Federation of Anglers and Hunters and the MNDMNR. Opening day for waterfowl hunting in 2021 is expected to occur on September 25th with a single day Waterfowler Heritage Day occurring on Sept 18th. Application in the Crown Marsh will occur on non-hunting days only. Herbicide application within the Big Creek NWA will not occur on Waterfowler Heritage Day, and ECCC-CWS will alert hunters and close impacted blinds if work occurs on hunting days. The Long Point Waterfowlers' Association is in full support of Phragmites management projects within the Long Point Crown Marsh and have led several large control projects in terrestrial areas in recent years in partnership with the MNDMNR. The Long Point Waterfowlers' Association is a significant partner having contributed a large portion of funding for the project in the past and strong support from this organization is confirmed.

2.3.7. Municipality, Health Unit, OPP, Fire Department

The Project Supervisors (ECCC-CWS for aerial component, and NCC for ground component) will notify the following: Norfolk County, Haldimand-Norfolk Health Unit, the Ontario Provincial Police and the local fire department(s), when commencing the 2021 Phragmites control project. The Project Team has prepared, and will share, an 'Implementation Plan' to ensure the correct information is communicated in the case of inquiries from local area residents. It is possible that these service groups will receive calls from the public for information or reporting a concern. It is anticipated that this project will have a low level of concern from these service groups given the existing working relationships in place.

2.3.8. Local Hospitals

Prior to the project commencing, the Project Team will send toxicological information about the herbicides to local hospitals, along with the 'Implementation Plan' to ensure the correct information is shared in the case of local area residents visiting the hospital with health concerns.

2.3.9. Birds Canada

Birds Canada is the Project Team's partner in implementation of the project at the tip of Long Point. They have been involved in project planning and will be kept up to date about project plans as things progress. The Project Team will notify Birds Canada when commencing the 2021 Phragmites control project.

2.3.10 Ontario Parks Staff

All park staff at Long Point Provincial Park (LPPP) and Turkey Point Provincial Park (TPPP) will be fully aware of the project and all questions and inquiries related to the project will be directed to the Park Superintendent. After Labour Day, the number of park staff is approximately 15. The park will have sufficient staff available to assist with implementation of the project.

2.3.11 Campers

Located south of the treatment areas, the Long Point New Park campground remains open for camping through August to October each season. The campground will likely be fully booked. All campers will be provided with written and/or verbal information regarding the project upon arrival and registration at the park. It is anticipated the project will have little impact on campers.

2.3.12 Day Users

It is anticipated that LPPP will see an average of 1000 daily vehicle passes sold for average weekends in August, with less than 50 sold mid-weekdays in the month of September. The park will see an average of 20 additional vehicles each day that will have a seasonal or annual vehicle pass. Information for day users will be available at the front entrance in signage, information letter, and/or verbally from park staff.

2.4. Notification Arrangements

This section of the plan describes how and when the Project Team will provide notice of herbicide use as part of the 2021 Phragmites control project. These notification arrangements are based on an assessment of:

- The level of usage of the areas during the project timeline where herbicide may be used
- The extent to which activities generally undertaken in these areas could lead to some direct contact with herbicides

Notice of herbicide use will be provided by a combination of methods, the details of which are outlined immediately below:

2.4.1. Signage

Signs will be posted at various locations (see Appendix II) around the project areas. Signs will be posted at least 48 hours prior to herbicide application and will remain for at

least 48 hours after application. Signs will be of a standardized design that will be easily recognizable to the public (see Appendix III).

Signs will be posted on or adjacent to barriers placed at all access points to the application area. Signs will also be posted at general information areas such as the main gatehouse at the Long Point Provincial Park (inside and outside the building) and the Big Creek NWA Office. Ground application signs will be posted at least 48 hours prior to ground application and will remain for at least 48 hours after ground application. Signs will be of a standardized design that will be easily recognizable to both park users and park staff. See below for examples of sign notification.

2.4.2. Roadside Signage

At least 48 hours before the start of the herbicide application, a large electronic roadside sign with notification messaging will be placed at the entrance to the Long Point causeway – the only point of vehicular and pedestrian access to the project area and the community of Long Point. All persons entering Long Point must cross this causeway and will be exposed to this sign. The purpose of the sign is to inform anyone entering the project area about the upcoming project and to provide contact information should they have questions. The sign will read:

Control of Invasive Phragmites, Spray program, Starts August 15, 2021, for more information contact the Canadian Wildlife Service: 647-232-8495 or the MNDMNR: 548-588-1486.

2.4.3. Public Notice

A public notice will be distributed to major newspaper outlets in the Long Point region at least one week prior to the project initiation. The purpose of the notice is to inform the public about the upcoming project and to provide direction on where the public can turn for more information. The public notice will include contact information for the Project Supervisor(s) as well as website links that members of the public can access to learn more about project including information such as when and where it is expected to be delivered. In the LPPP, copies of the public notice will be available for campers, day users, and LPPP staff. A notification will be sent out to all registered campers via the Ontario Parks online registration system to further alert campers and users ahead of their stay that the project may be ongoing during their park experience.

2.4.4 Verbal Information Relay

Where possible, Ontario Parks' staff will relay project information verbally to all persons entering the park immediately prior to or during ground herbicide treatment and will

make available a copy of the public notice. Gate staff are already in place to achieve this level of notification.

Where trails or other access points into the treatment area must be closed to foot traffic, park staff and/or signage will be placed strategically in order to ensure any unauthorized access is prevented and information on the project can be relayed.

The National Wildlife Areas will be closed to the public during herbicide application.

2.4.5. Email

The Project Team may use email as a means of notification, if specific stakeholders' express interest in receiving digital notice or for greater ease in contacting specific staff within Norfolk County, Haldimand-Norfolk Health Unit, the Ontario Provincial Police and the local fire department(s). The contact emails for each key project location is outlined in Section 2.7.

2.4.6. Phone Contact

Where requests for additional information are received, or other means of contact are not possible, phone contact will be undertaken by the Project Team, to ensure all stakeholder groups identified above have been notified. The following phone number will be used for all contacts regarding the project:

Project Supervisor – Herbicide Application: Heather Braun at Environment and Climate Change Canada -Canadian Wildlife Service, 647-232-8495.

2.4.7. Information on Websites

The Project Team will be posting regular updates related to proposed treatment dates within the identified treatment window, as well as copies of the project implementation plan, and monitoring plan on the website: Long Point Phragmites Action Alliance (longpointphragmites.ca). Information may also be posted on the Long Point Ratepayers' Association (longpointrpa.com).

2.4.8 Door-to-Door Notices

Where possible and barring any restrictions due to COVID-19, and only if RoundUp Custom (glyphosate) is used, ECCC-CWS will distribute door-to-door notices to residences surrounding the Big Creek National Wildlife Area. These notices will help to address a request received in 2020 from a resident of Hastings Drive, who asked for direct notification prior to herbicide application. Notices will be similar to those found in Appendix III, and will be taped to the doors of residences; no direct public interaction will

occur. Based on feedback from previous years of notice delivery, ECCC-CWS will also remove any notices that remain on doors after treatment, to reduce the risk of burglary.

2.5. What information will be provided

In accordance with the Pesticides Act, notices of herbicide use must include all of the following information:

- The full product name(s) of the herbicide(s) to be used
- The purpose of the use, clearly setting out what pest will be treated
- The range of dates within which the herbicide use will occur and, if possible, the proposed date of aerial and ground treatment
- A map depicting the area where the herbicide will be applied
- Contact information, including phone number and email address for a contact person whom people can contact to discuss the notice
- Any warnings regarding re-entry prior to use of the place of herbicide application specified on the product label

2.6. How the public and stakeholders will be informed of the notification plan

The Project Team will advise the public and stakeholders of the plan and its contents by:

- Making a copy of the plan available for public viewing free of charge at:
 - MNDMNR, Aylmer District Office,
 - ECCC - Canadian Wildlife Service office at Big Creek National Wildlife Area, and Long Point Provincial Park
- Placing a copy of the plan on the Long Point Phragmites Action Alliance website at: longpointphragmites.ca
- Placing a copy of the plan on the Long Point Ratepayers' Association website at: <http://longpointrpa.com/>
- Including reference to the plan within communications materials being set out as part of this plan

2.7. Contact Details

National Wildlife Areas

Anyone wishing to contact Environment and Climate Change Canada - Canadian Wildlife Service to discuss the notification plan or to obtain details of the Phragmites Control Project should contact:

Heather Braun, Habitat Biologist

Phone: 647-232-8495

Email: heather.braun@ec.gc.ca

Long Point Crown Marsh

Anyone wishing to contact the MNDMNRF to discuss the notification plan or to obtain details of the 2021 Phragmites Control Project should contact:

Resource Management Coordinator - Aylmer District Office:

Phone: 519-773-9241

Email: MNRF.AYL@ontario.ca

Long Point Provincial Park and Turkey Point Provincial Park

Anyone wishing to contact Ontario Parks to discuss the notification plan or to obtain details of the 2021 Phragmites Control Project should contact:

Jeff Pickersgill, Park Superintendent

Phone: 519-426-3239 ext. 101

Fax: 519-586-3581

Email: jeffrey.pickersgill@ontario.ca

Long Point, Turkey Point and Lower Big Creek Private Marshes

Anyone wishing to contact the Nature Conservancy of Canada to discuss the notification plan or to obtain details of the 2021 Phragmites Control Project should contact:

Brett Norman, Program Manager - Invasive Species Program

Phone: 226-231-0331

Email: brett.norman@natureconservancy.ca

3. APPENDICES

APPENDIX I – Public Notice

Public Notice

Notification of Aerial and Ground Herbicide Application for the Control of Invasive Phragmites within the Long Point Region

Environment and Climate Change Canada - Canadian Wildlife Service, the Nature Conservancy of Canada, the Ontario Ministry of Natural Resources and Forestry and Ontario Parks, will conduct annual management of Phragmites in the Long Point Region. Plants in selected areas will be treated with an herbicide (RoundUp Custom or Habitat Aqua) to control the growth and limit the spread of Phragmites.

Herbicide application will be completed in compliance with all regulations, and in appropriate weather conditions, in remote areas of Long Point beginning on August 15, 2021 and will be completed prior to October 31, 2020.

The following locations will be treated:

Long Point and Big Creek National Wildlife Areas – scheduled to commence in September and be completed by mid-October, and will occur using both aerial (helicopter) and ground application methods.

Long Point Crown Marsh, Long Point Provincial Park, private lands within the Big Creek Watershed and Lower Big Creek Wetland Complex, Turkey Point Provincial Park, and private lands within Turkey Point – scheduled to commence on August 15, 2021 using ground application methods.

As a precautionary measure, during treatment dates, all residences using a surface water system for consumption (for example: taking water directly from the boating channel or inner Long Point Bay to drink, cook or for food preparation) should shut down their water system and avoid consumption of the water for a minimum of 48 hours following herbicide application and then flush their systems for at least 20 minutes before consuming again. Please note: the precautionary measures outlined above are only for those with private water systems drawing water from the channel or lake. If you get your water from the Port Rowan Municipal Water System, no action is required.

Bottled water will be available free of charge at the Big Creek National Wildlife Area for those who require it. Residents or businesses in need of water may contact 647-232-8495 to make arrangements for pick up. Project notification signage will be posted throughout the Long Point region.

PLEASE NOTE: there is NO RESTRICTION on the USE OF WATER for RECREATION OR DOMESTIC PURPOSES (i.e. toilets, showers, etc.) following direct application of the herbicide.

Updates, including the start and completion of herbicide application and the resumption of using surface water systems, will be available at www.longpointphragmites.ca, at the Environment and Climate Change Canada- Canadian Wildlife Service office at Big Creek National Wildlife Area and the Long Point Provincial Park office, or by contacting the Project Supervisors below.

Project Supervisor – Herbicide Application on National Wildlife Areas: Environment and Climate Change Canada – Canadian Wildlife Service, 647-232-8495, or by email at heather.braun@ec.gc.ca

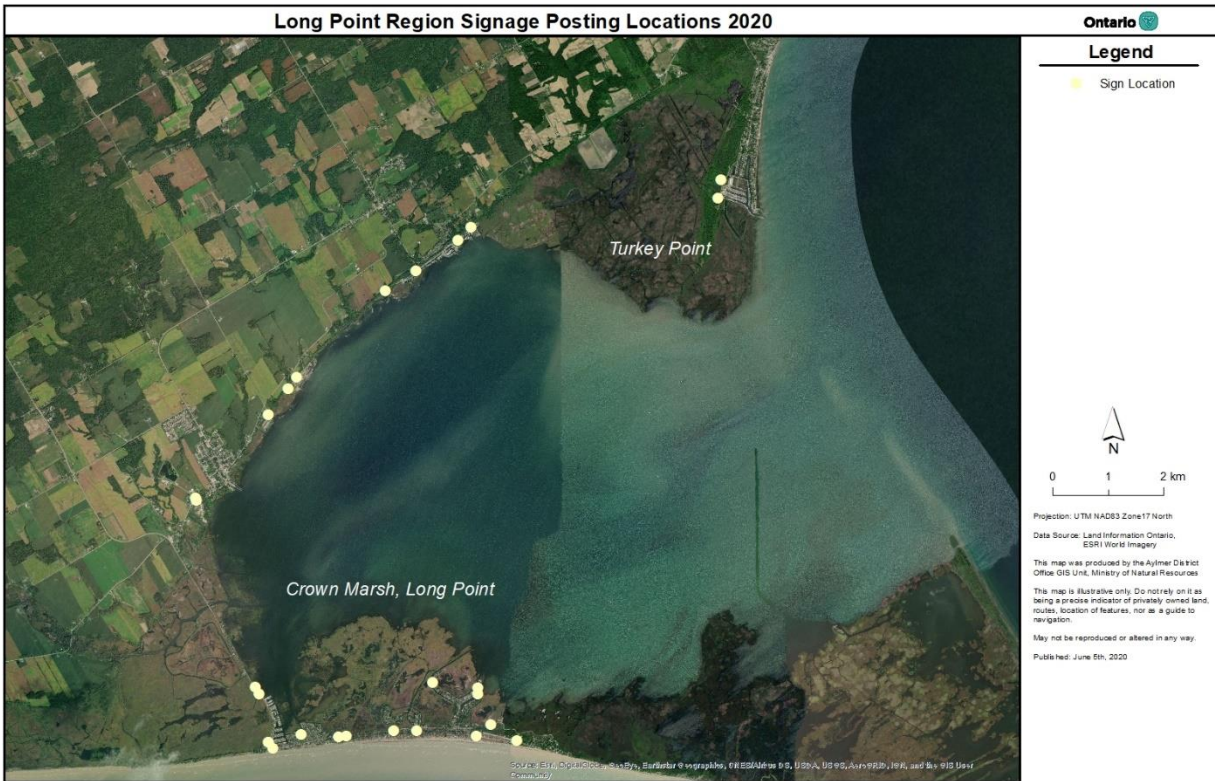
Project Supervisor – Ground Herbicide Application on private lands: Nature Conservancy of Canada, 226-231-0331, or by email at brett.norman@natureconservancy.ca

Project Supervisor – Ground Herbicide Application on provincial lands:

Long Point Provincial Park, Park Superintendent - Phone: 519-426-3239 ext. 101, or by email at jeffrey.pickersgill@ontario.ca

Long Point Crown Marsh, Resources Management Coordinator - Aylmer District Office, Phone: 548-588-1486, or by email at dave.depuydt@ontario.ca

APPENDIX II – Map of Notification Sign Locations in Long Point Region



APPENDIX III – Ground Notification Signs

Phragmites Ground and Aerial Control



Phragmites control project area, September 2021

NOTICE: An aquatic herbicide application for the control of *Phragmites australis* is planned for the month of September at the Big Creek National Wildlife Area (top) and adjacent private properties (bottom).

Residents within 800 meters of the project areas should visit <http://longpointphragmites.ca/> for regular updates on the herbicide application and recommended precautions.

Anticipated Start Date: September 7, 2021 (weather permitting)

For updates visit: <http://longpointphragmites.ca/>

Herbicide: Roundup Custom® (active ingredient: glyphosate; Reg. no. 32356)

There is **NO RESTRICTION** on the use of water for recreation or domestic purposes (i.e. toilets, showers). As a precautionary measure, all residences using a surface water system for consumption (for example: taking water directly from the boating channel or inner Long Point Bay to drink, cook or for food preparation) should shut down their water system and avoid consumption of the water for a minimum of 48 hours following herbicide application. Systems should be flushed for at least 20 minutes before consuming again. Please note: these precautionary measures are only for those with private water systems drawing water from the channel or inner Long Point bay. If you get your water from the Port Rowan Municipal Water System, no action is required.

For more information regarding the aquatic herbicide application, the permitting process, or other project specifics, contact:

Heather Braun, Project Manager
Environment and Climate Change Canada, Canadian Wildlife Service
heather.braun@ec.gc.ca; 647-232-8495

Brett Norman, Invasive Species Program Manager
Nature Conservancy of Canada
brett.norman@natureconservancy.ca; 226-231-0331

Phragmites Ground and Aerial Control



Phragmites control project area, September to October 2021

NOTICE: An aquatic herbicide application for the control of *Phragmites australis* is planned for the months of September and October at the Long Point National Wildlife Area.

Residents within 800 meters of the project areas should visit <http://longpointphragmites.ca/> for regular updates on the herbicide application and recommended precautions.

Anticipated Start Date: September 7, 2021 (weather permitting)

For updates visit: <http://longpointphragmites.ca/>

Herbicide: Roundup Custom® (active ingredient: glyphosate; Reg. no. 32356)

There is **NO RESTRICTION** on the use of water for recreation or domestic purposes (i.e. toilets, showers). As a precautionary measure, all residences using a surface water system for consumption (for example: taking water directly from the boating channel or inner Long Point Bay to drink, cook or for food preparation) should shut down their water system and avoid consumption of the water for a minimum of 48 hours following herbicide application. Systems should be flushed for at least 20 minutes before consuming again. Please note: these precautionary measures are only for those with private water systems drawing water from the channel or inner Long Point bay. If you get your water from the Port Rowan Municipal Water System, no action is required.

For more information regarding the aquatic herbicide application, the permitting process, or other project specifics, contact:

Heather Braun, Project Manager
Environment and Climate Change Canada, Canadian Wildlife Service
heather.braun@ec.gc.ca; 647-232-8495

Brett Norman, Invasive Species Program Manager
Nature Conservancy of Canada
brett.norman@natureconservancy.ca; 226-231-0331

Phragmites Ground Control



Long Point PP and Long Point Crown Marsh 2021 application sites. Turkey Point 2021 proposed application sites.

Phragmites control project area, August to September 2021

NOTICE: An aquatic herbicide application for the control of *Phragmites australis* is planned for the months of August and September at Long Point Crown Marsh, and Long Point and Turkey Point Provincial Parks.

Residents within 1000 meters of the project areas should visit <http://longpointphragmites.ca/> for regular updates on the herbicide application and recommended precautions.

Anticipated Start Date: August 15, 2021 (weather permitting)

For updates visit: <http://longpointphragmites.ca/>

Herbicide: Habitat Aqua (active ingredient: imazapyr)

As a precautionary measure, all residences using a surface water system for consumption (for example: taking water directly from the boating channel or inner Long Point Bay to drink, cook or for food preparation) should shut down their water system and avoid consumption of the water for a minimum of 48 hours following herbicide application. Systems should be flushed for at least 20 minutes before consuming again. Please note: these precautionary measures are only for those with private water systems drawing water from the channel or inner Long Point bay. If you get your water from the Port Rowan Municipal Water System, no action is required. There is **NO RESTRICTION** on the use of water for recreation or domestic purposes (i.e. toilets, showers)

For more information regarding the aquatic herbicide application contact:

Brett Norman, Invasive Species Program Manager
Nature Conservancy of Canada
brett.norman@natureconservancy.ca; 226-231-0331

Jeff Pickersgill, Park Superintendent
Long Point and Turkey Point Provincial Parks
jeffrey.pickersgill@ontario.ca; 519-426-3239 ext. 101

Resource Management Coordinator
MNRF Aylmer District Office
MNRF.AYL@ontario.ca; 519-773-9241

Phragmites Ground Control



Phragmites control project area, August 15th to October 31st, 2021.

NOTICE: An aquatic herbicide application for the control of *Phragmites australis* is planned for the months of August to October at Long Point.

Anticipated Start Date: August 15, 2021 (weather permitting)

For updates visit: <http://longpointphragmites.ca/>

Herbicide: Habitat Aqua (active ingredient: imazapyr)

Brett Norman, Invasive Species Program Manager
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MNR.AY1@ontario.ca 519-773-9241

APPENDIX IV – Surface Water Sampling Plan

See attached Surface Water Sampling Plan.

