

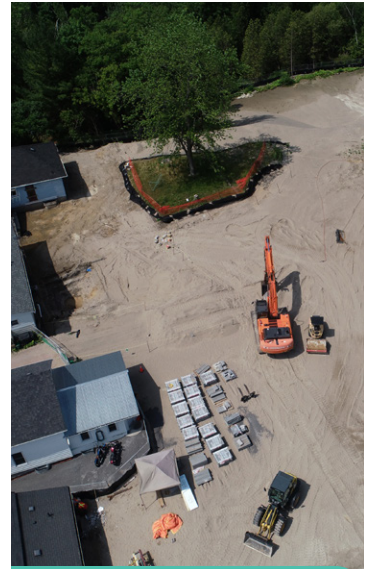
PORTHOPE PROJECT

Summer 2021

Cleanup activities at Port Hope waterfront well underway



Page 2



Page 4

CNL provides
additional
information to
regulators and
stakeholders

Also inside...

- PHAI in action
- When will CNL clean up my property?
- PHAI interior activities to resume

Page 6



Saving the trees



A cleaner waterfront

Cleanup activities under the Port Hope Area Initiative (PHAI) continue despite the challenges of the pandemic. Port Hope residents are witnesses to the many changes at the waterfront, with the cleanup of historic low-level radioactive waste continuing at a number of sites there and across the community.

“We have been working closely with our contractors to keep on track with the cleanup and restoration of both public and private properties, all while following strict protocols for safety, including specific measures to prevent the spread of COVID-19,” said Mark Hughey, CNL’s General Manager responsible for the PHAI.

Despite several province-wide lockdowns and stay-at-home orders, PHAI activities have continued as

it has been deemed essential work under Ontario regulations. Fieldwork is carried out with strict protocols and oversight in place.

“We regularly assess the situation to ensure the benefits of completing our tasks continue to outweigh any potential risks,” added Hughey.

Hazards are identified and controls defined and put in place in advance of starting work, and continuously as work progresses. Employees continue to work remotely wherever possible.

“These projects are moving forward toward the ultimate goal of removing the historic waste and returning a cleaned up and restored waterfront to the municipality of Port Hope for the enjoyment of the community for years to come,” said Hughey.

Waterfront success



Dredging resumes at Port Hope Harbour

Underway

- The remediation of Mill Street is completed. Restoration is underway.
- The remediation of the Viaducts is underway.

Upcoming

- Waterworks West



PHAI in action

Canadian Nuclear Laboratories currently has active work sites across the Municipality of Port Hope.



Highland Drive area



Strachan Street



Port Hope Long-Term Waste Management Facility

PHAI trucks continue to transport waste along designated routes to the Long-Term Waste Management Facility where the waste will be safely stored for hundreds of years. The facility is in full operation, with construction of the engineered aboveground mound progressing as planned.



Privately owned properties

Completed neighbourhood cleanups in several areas and successfully restored over 50 private properties.

Lessons learned from earlier neighbourhood cleanups and the feedback from those residents integrated into plans moving forward.

Proposed change to PHAI Cleanup Criteria

As a community-requested project the PHAI includes a robust public information program that facilitates feedback from stakeholders. CNL is aware that Port Hope residents continue to voice concerns about some of the disruptive impacts that PHAI work is having in their neighbourhoods and on their properties.

Specifically, since the cleanup of private properties began in 2018, CNL has heard the frustration expressed by residents about the length of time it takes to complete the cleanup and restoration of their properties. Many homeowners have also express disappointment about the impact that the cleanup has had or will have on property features, which has been more extensive than anticipated in many cases.

Additionally, community members and stakeholders have expressed concern about the impact of PHAI activities on the Port Hope tree canopy.

CNL has closely examined the data gained from years of soil sampling, which confirms that the area of impact within the municipality is larger than originally estimated. This means that a significant portion of trees in woodlots and on public property would need to be removed in order to fulfill the PHAI mandate as it stands today.

CNL remains committed to responsible environmental stewardship throughout the PHAI cleanup. Like community members, stakeholder groups and the broader public, CNL sees value in preserving the local tree canopy by balancing the safe removal of historic waste from public and private properties with efforts to minimize the removal of trees – to the greatest extent possible – during the PHAI.

CNL has determined that removing arsenic in soil to meet the very conservative PHAI Cleanup Criteria is the primary factor driving this unanticipated impact. To address this issue, CNL submitted an application



to the Canadian Nuclear Safety Commission in 2020 proposing a change to the cleanup criteria for arsenic and uranium.

As part of its application, CNL commissioned studies by leading industry professionals in environmental remediation to determine any potential risk to human health related to the proposed levels for arsenic and uranium. In particular, the studies examined other communities in Canada where community-specific solutions were successfully implemented as an alternative to meeting the generic province-wide criteria for cleaning up arsenic left in soil by industry.

“I encourage anyone with interest to provide feedback about this proposal to CNL or directly to the Canadian Nuclear Safety Commission,”

In addition, CNL completed extensive public engagement on this proposal, and have now received input from regulators requesting more information to support our conclusions that the recommended levels will not pose any additional risk to the health of the community.

“We are continuing to work with the regulators to provide additional information. While we had

hoped to have this issue addressed this year, at this time we expect that a Commission hearing to review the application and make a decision will happen sometime in 2022,” said Mark Hughey CNL’s General Manager.

It is important to note that the current PHAI Cleanup Criteria will not change before there is an official decision at that hearing.

CNL will continue to incorporate feedback from regulators as it follows the CNSC application and review process, and to work closely with the Municipality of Port Hope to ensure Council and staff are kept informed.

Ongoing public communications by CNL on the application will include addressing questions and recording feedback, providing presentations on request, and sharing information through the PHAI website and social media feeds.

Once the CNSC has set a hearing date for the application, CNL and

the CNSC will provide the public with information on how to participate in the hearing.

“I encourage anyone with interest to provide feedback about this proposal to CNL or directly to the Canadian Nuclear Safety Commission,” added Hughey.



Next steps in the process

CNL will continue to work with regulatory agencies to address comments on the proposal to amend the criteria, with the goal of having all required documentation submitted to the Canadian Nuclear Safety Commission by late 2021.

PHAI work now underway on private and public properties in Port Hope will continue to progress according to the current Remediation & Restoration Agreements with the property owners, which reflect

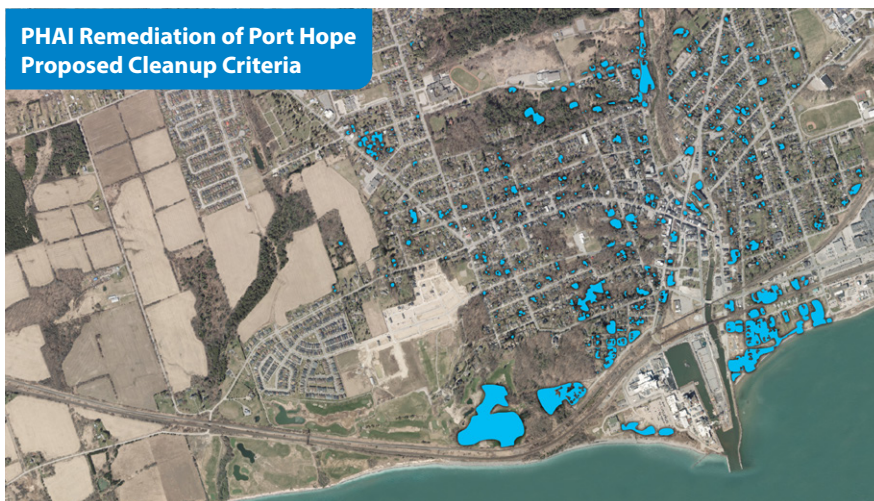
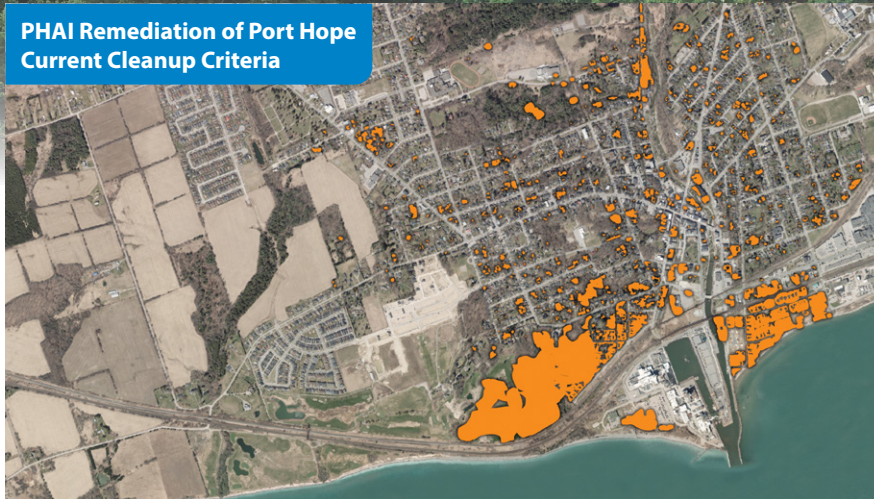
the existing PHAI Cleanup Criteria. However, we continue to review our plans to determine if we can minimize or even avoid removing trees in certain areas while still fulfilling the PHAI mandate.

In terms of future work, CNL is carefully considering the best approach until the outcome of the application to change the criteria is known, and this may affect the schedule for new work on properties in 2022.

Saving trees

A Special Circumstances Protocol has been developed in consultation with the Municipality of Port Hope for situations where the cleanup of historic waste is not practical or desired. In light of the feedback from property owners, CNL and the municipality have amended this protocol to include property-owner directed cleanups, an option that gives owners the choice of leaving waste behind during the cleanup of their property to save features such as trees.

Text to describe pics at right



When will CNL clean up my property?

If you been notified there is historic low-level radioactive waste (LLRW) on your property, here is an overview of what takes place before the work starts:

1. A property design is developed and reviewed with you, the property owner.
2. A Remediation & Restoration Agreement is signed by CNL and the owner, it includes a copy of the final property design. The Remediation and Restoration agreement is the contract to have CNL complete cleanup on the property.
3. A Neighbourhood Information Session will be held before work starts in your neighbourhood and on your property.

Details provided in a Neighbourhood Information Session

- Introduction to the contractor working in your neighbourhood, meet the team and confirm your contact points
- A date construction fencing will be placed
- A date for structural removals, grubbing and tree removal (if needed)
- Contractor's staging area and a general order the neighbourhood work will be completed

A signed Remediation & Restoration Agreement is required to start cleanup work and the Neighbourhood Information Session is your sign that work will start soon, usually within weeks.

While you are waiting for your cleanup

1. Enjoy your property, don't be afraid to make updates, renovations, plant a garden or do landscaping. There are no health concerns from the LLRW in Port Hope and you can get more information on our website.
2. If your plans include removing or relocating soil on your property please contact the Construction Monitoring Program. They can work with you to remove soil from your project area.
3. Radiological Status Letters (RSL) are available if you plan to list your house for sale. The RSL is a summary of all property testing completed to date and important information for prospective buyers.

4. Request a property status. Speak with a Communications Officer who can identify where your property is in the PHAI process. If there are final property testing reports available you are welcome to have a copy and review them with a technician.

Donation of wood to Port Hope High School

As environmental stewardship is a core value for CNL, the project team worked hard to find a sustainable use for the trees that were taken down to facilitate Port Hope Area Initiative work in the Highland Drive area. Logs from the felled trees were donated to Port Hope High School which will be used to teach woodworking skills. Two local media houses covered the story of the delivery and both described how pleased principal Ronald MacDonald was - "like a kid in a candy store".



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