

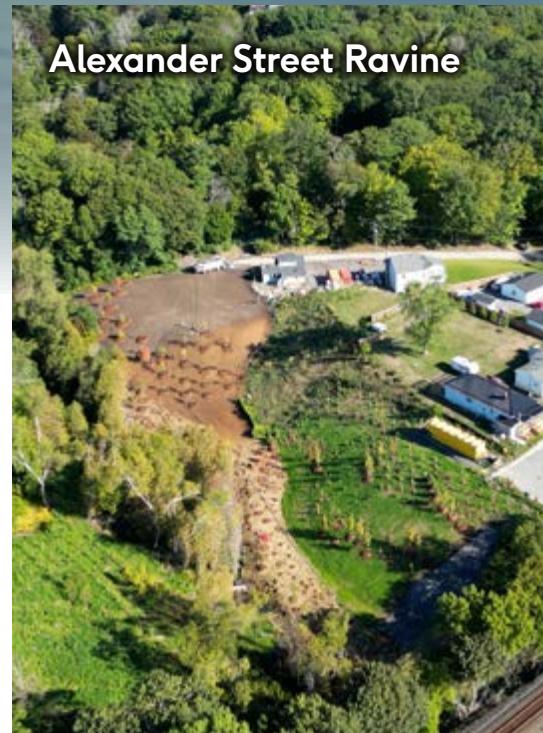
Majority of Low-Level Radioactive Waste Now Safely Managed and Stored

**2.5 Million tonnes of waste
moved to long-term storage**

- Revitalized community spaces
- Ecological diversity
- Reintroduction of native species and re-naturalization
- Enhanced amenities



Alexander Street Ravine



Lions Park



Waterworks West
(Near West Beach)



Also inside...

- Changes to boost efficiency
- Your property cleanup – what you NEED to know

PHAI PROGRESS UPDATE

Resident Feedback and What's Ahead

As Canadian Nuclear Laboratories (CNL) advances the Port Hope Area Initiative (PHAI), I'm pleased to share that the Port Hope Project continues to progress steadily. With only a few large-scale sites remaining, we are on track to complete major project work by 2026, wrapping up in 2027.

One of our most complex and high-profile undertakings, the Port Hope Harbour, has drawn national and international attention for its technical and environmental challenges. We are proud to share that dredging is now complete, and remediation on the Centre Pier is over 90 per cent finished. In the coming months, you'll continue to see the removal of equipment such as cranes, barges and the wave attenuator as we prepare for the restoration phase scheduled for 2026. At the Highland Drive Landfill and South Ravine, cleanup and restoration efforts are ongoing, with restoration expected in 2026.

A key milestone has already been reached at the Alexander Street Ravine, which has now been fully restored. In partnership with

the Municipality of Port Hope, CNL preserved a significant number of existing trees by recognizing this area's environmental significance. Planting of new trees and shrubs is now complete.



I'm especially excited about the recreational area at the west beach, where the new playground is now open to children of all ages. While some sections of the beach remain fenced off for future revitalization work, we look forward to opening walking trails and additional amenities when the full beach restoration wraps up in 2026.

We are also pleased to announce that Compliance Letters are now being issued to residents that own properties where we have confirmed that waste is not present. These are all signs that the project is nearing completion.

Scott Cameron, General Manager, PHAI



Addressing Private Property Concerns

Residents have raised concerns about timing, tree removal, and potential infrastructure impacts during the cleanup of private properties. It's important to remember that:

- Participation in the cleanup is entirely voluntary
- Homeowners have options regarding the extent of work on their property
- Our team is continually seeking ways to reduce cleanup impacts.

WHAT WE HEARD

Highlights from the June 11 PHAI Town Hall

Over 130 residents joined us for the June 11 Town Hall, and your input was clear: the desire for more communication and engagement. We've taken this feedback seriously.

While we couldn't address every question during the meeting, detailed responses are now available on our website.



Here's a quick summary of what you asked and how we're responding

Project Oversight & Timeline

Project Manager – Scott Cameron, CNL General Manager for PHAI

Total Budget – \$2.6 billion for Port Hope and Port Granby

Spent to Date – \$1.6 billion

Completion – Project-wide by 2031, with final mound closing and capping by 2032

Timeline for Cleanup

- There are more properties with historic waste than anticipated
- Each cleanup varies by site size, conditions, and homeowner preferences which might affect timelines

Property Sales, Insurance & Safety

- Cleanup does not restrict property sales or land use
- CNL provides radiological status letters for your records
- Health and safety during the project remain paramount, under strict oversight by the Canadian Nuclear Safety Commission (CNSC) and other appropriate regulators

STATUS UPDATE | Private Property Remediation

TESTING



Interior

4,280
completed
64
remaining



Exterior

4,989
completed
143
remaining

TESTING RESULTS



LLRW Confirmed

Interior

257
Exterior
1,173



LLRW Suspected

Interior

3
Exterior
43

REMEDIATION COMPLETE

Interior

113

Exterior

279



Operational Changes for PHAI

Changes designed to reduce disruption, speed up the completion of work on private properties, all while maintaining the highest standards of safety are being applied to PHAI activities.

Here is a summary of what is changing.

Verification of Completed Work

We are updating how we confirm cleanup results. By using advanced scanning tools right in the field, we expect to reduce the time waiting for the lab results on soil testing. This science-based approach will allow properties to move quicker through the remediation process and into restoration. It is key to remember that the change is being made with strict safety protocols and regulatory oversight in place.

Radiation Protection

We are moving to a “contamination control” model that better matches the required radiation protection to the actual conditions on each property. For many residential properties, as opposed to the larger sites, the radiological hazard is considered low. Where there is increased risk, the applicable radiological protections remain in place. This change ensures that resources are applied where they are most needed — always in line with Canadian Nuclear Safety Commission (CNSC) requirements and international standards.



Small Volume Site

The volume of low-level radioactive waste on some properties is small. CNL crews using hand tools and light equipment can remove that waste. This approach will allow CNL to advance work on more properties, while larger contractor crews can remain focused on more complex properties.

Restoration Adjustments

Where restoration of property features is less complex, such as the installation of sheds, fences, and decks, CNL crews will be able to complete the work. This will reduce delay on sites, while more complex work is being completed by contractors under the same safety and quality standards.

What This Means for You

These changes are being made to increase efficiency in the process. It is doing smarter work — not less work. Like property owners, we want to see properties completed as efficiently as possible, while minimizing impacts on neighbourhoods and keeping safety as our top priority.



ENVIRONMENTAL STEWARDSHIP

Tree Protection & Restoration

CNL is committed to minimizing environmental impact throughout the PHAI.

Our Special Circumstances protocol allows us to preserve trees wherever possible, and homeowners can opt to retain trees on their property.

Restoration plans are developed in consultation with both residents and the Municipality.

Improving Communication: New Initiatives Launched



In response to community feedback, we've implemented several tools to ensure better transparency and engagement:

- Focused sessions with real estate and business sectors
- Post-restoration surveys to improve future work
- Regular community newsletters with timelines, visuals, and FAQs
- Frequent updates via our website and social media

Let us know if you would like to join the Roundtable.



Historic Waste Program Management Office

25 Henderson Street, Port Hope, ON L1A 0C6

Tel: 905.885.0291 • Fax: 905.885.9344 • info@phai.ca • PHAI.ca

Publié aussi en français

Find us on Facebook

Follow us on Twitter

Follow us on Instagram

Like us on LinkedIn

A Cleaner Tomorrow

Over 2.5 million tonnes of historic low-level radioactive waste are now in safe, long-term storage, marking a significant environmental achievement for the Port Hope community. Canadian Nuclear Laboratories (CNL) remains committed to environmental stewardship and cleaning up once-contaminated properties for future use, while protecting areas of ecological importance.

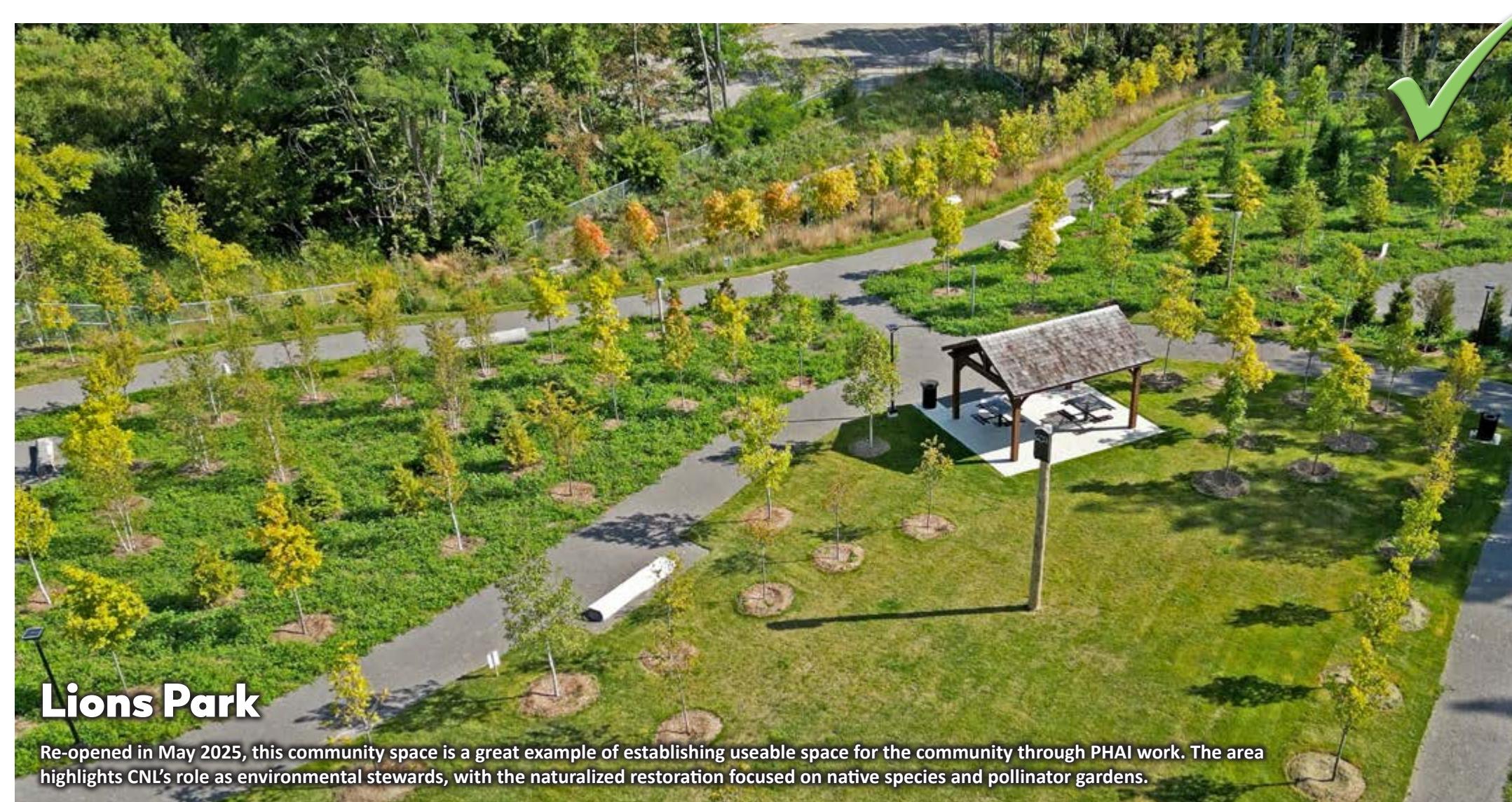
CNL is undertaking this environmental cleanup on behalf of Atomic Energy of Canada Limited (AECL), a federal Crown corporation and agent of the Government of Canada. AECL is committed to cleaning up contaminated sites and working with communities and Indigenous nations to leave a positive legacy for future generations.

Through the implementation of the PHAI, large areas in the community are now revitalized spaces with potential for generations to come – a mission that could not have been realized without the hard work and support of the Municipality of Port Hope. The cleanup and restoration of the Port Hope Harbour and Centre Pier is the highlight of a revitalized waterfront as an example. The space now boasts potential for further development. In addition, the project stands out both nationally and internationally for its complexity. PHAI activities are providing lasting environmental benefits for the community.



Port Hope Harbour and Centre Pier

The Harbour and Center Pier is considered the most complicated project in the PHAI. Thanks to exceptional leadership and work by CNL contractors the project is on track to be complete in 2026, ahead of schedule.



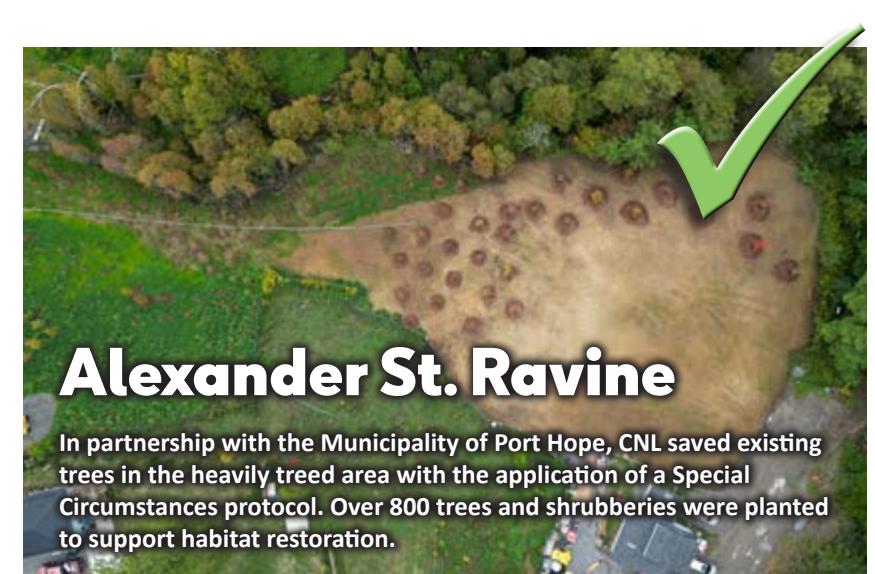
Lions Park

Re-opened in May 2025, this community space is a great example of establishing useable space for the community through PHAI work. The area highlights CNL's role as environmental stewards, with the naturalized restoration focused on native species and pollinator gardens.



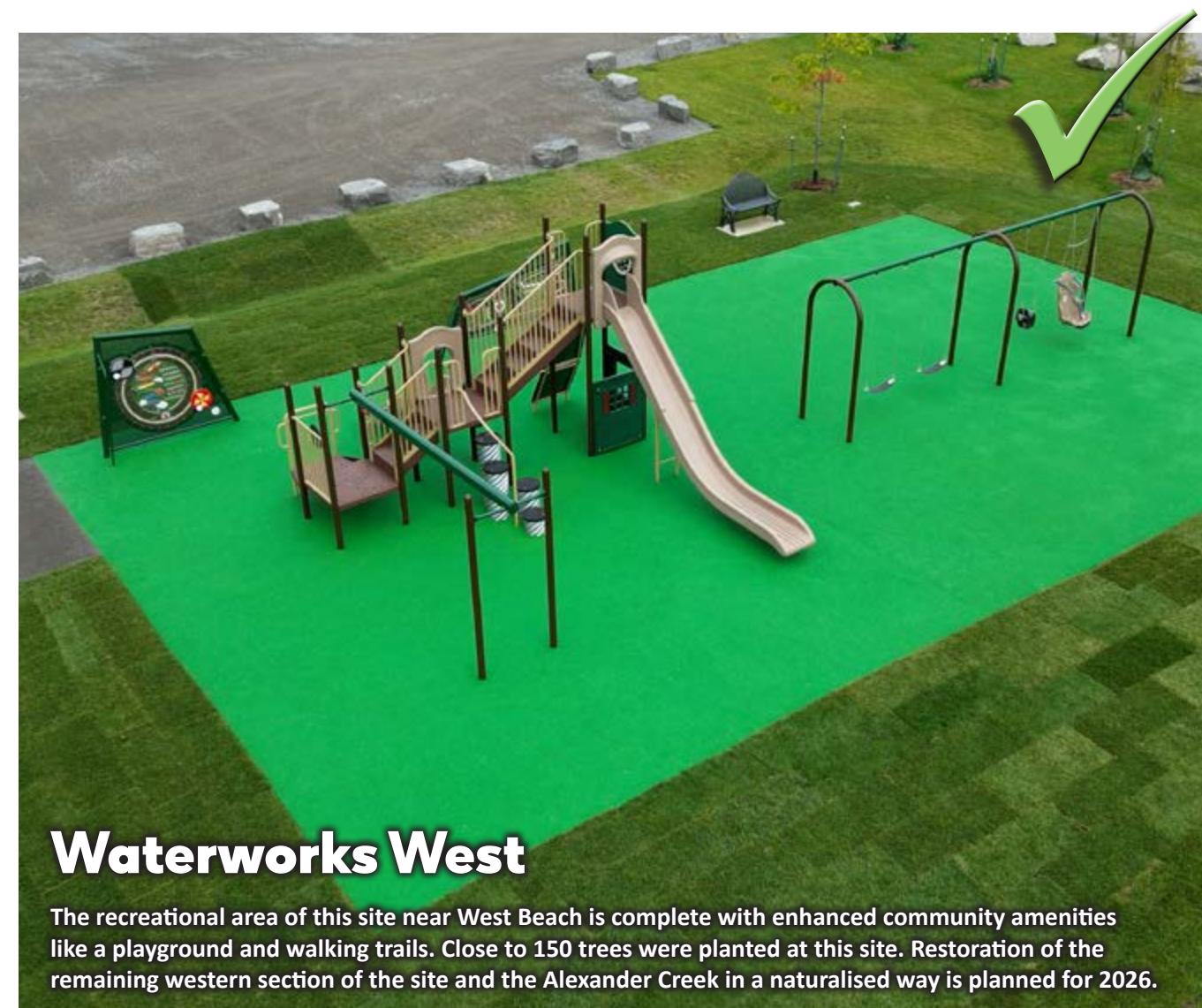
Viaducts

Completed in 2023, this area boasts a Monarch butterfly sanctuary as well as habitat for marshland animals and plants.



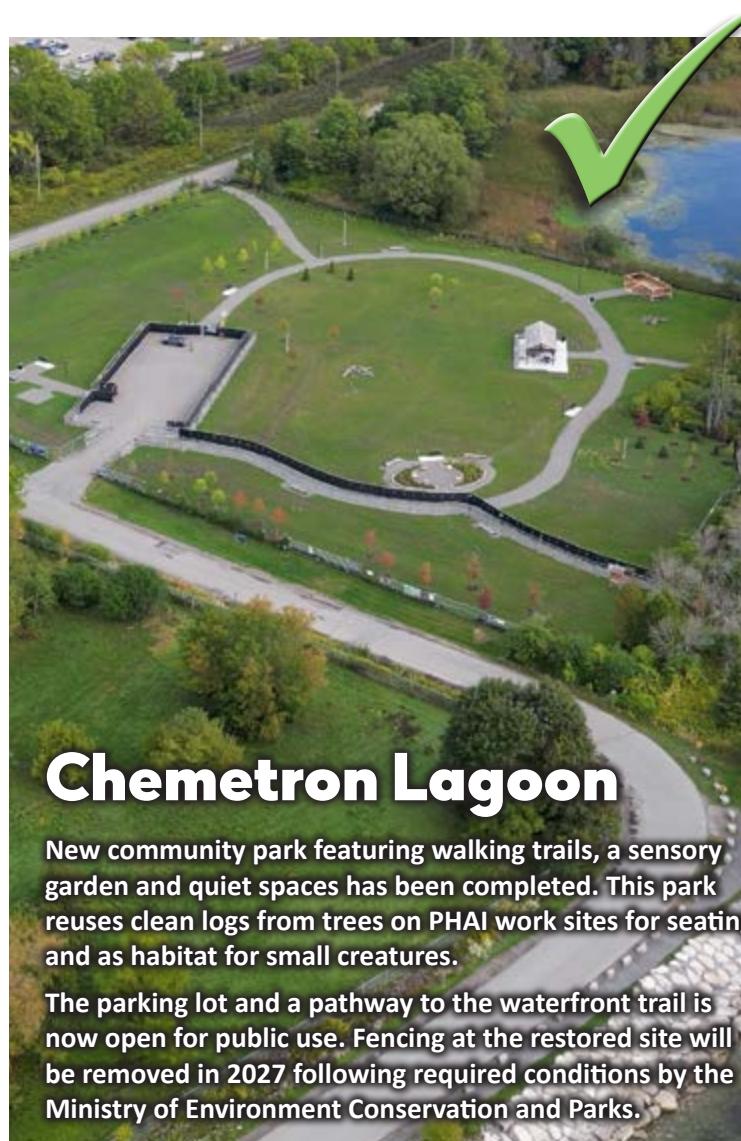
Alexander St. Ravine

In partnership with the Municipality of Port Hope, CNL saved existing trees in the heavily treed area with the application of a Special Circumstances protocol. Over 800 trees and shrubberries were planted to support habitat restoration.



Waterworks West

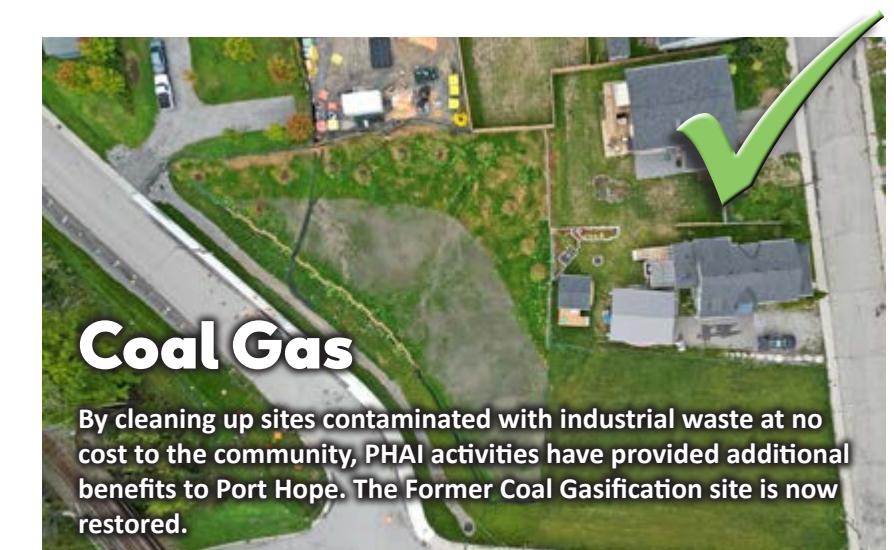
The recreational area of this site near West Beach is complete with enhanced community amenities like a playground and walking trails. Close to 150 trees were planted at this site. Restoration of the remaining western section of the site and the Alexander Creek in a naturalised way is planned for 2026.



Chemetron Lagoon

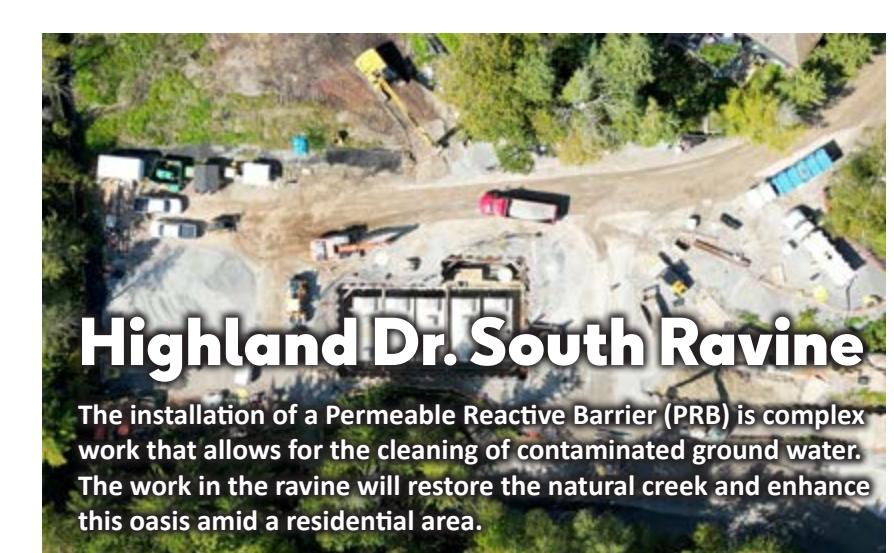
New community park featuring walking trails, a sensory garden and quiet spaces has been completed. This park reuses clean logs from trees on PHAI work sites for seating and as habitat for small creatures.

The parking lot and a pathway to the waterfront trail is now open for public use. Fencing at the restored site will be removed in 2027 following required conditions by the Ministry of Environment Conservation and Parks.



Coal Gas

By cleaning up sites contaminated with industrial waste at no cost to the community, PHAI activities have provided additional benefits to Port Hope. The Former Coal Gasification site is now restored.



Highland Dr. South Ravine

The installation of a Permeable Reactive Barrier (PRB) is complex work that allows for the cleaning of contaminated ground water. The work in the ravine will restore the natural creek and enhance this oasis amid a residential area.



Long-Term Waste Management Facility

Over 2.5 million tonnes of waste have been safely placed in long-term storage. The facility will actively accept waste until the cleanup of private properties is complete. It will then be capped and closed and the waste will be monitored for hundreds of years.



Highland Dr. Landfill

The work to remove historic low-level radioactive waste from municipal solid waste was groundbreaking. The cleanup has expanded by over 200%, extending the project timeline to completion in 2026. The opening of the landfill resulted in interesting finds from letters written in 1920s to old newspapers.

The CNL Historic Waste Program Management Office and the Port Hope Area Initiative projects are situated on the traditional and Treaty lands of the Williams Treaties First Nations.

CNL is grateful for the opportunity to work on these lands and near traditionally and culturally significant waterways, which have been the home of Indigenous Peoples since time immemorial.