



PORT HOPE AREA  
INITIATIVE

# PORTHOPE PROJECT news

Summer 2022

## Licensed to clean up historic waste

CNL has applied to renew the Waste Nuclear Substance Licence to continue PHAI activities in Port Hope.

Page 3



Page 6

## Your property cleanup

Also inside...

- **PHAI in action**
- **Giving back to the community**
- **Port Granby Project Complete**



Page 7



## Indigenous engagement



Canadian Nuclear  
Laboratories

Laboratoires Nucléaires  
Canadiens





### Highland Drive area

Remediation of the Pine St. North Consolidation Site removed approximately 78,000 cubic metres of historic low-level radioactive waste. Remediation and restoration were completed in 2022.



### Strachan Street Ravine

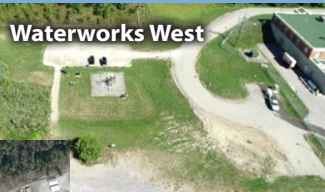
Restoration work at Strachan Street Ravine continues and includes removing the sheet piling, grading the property and laying sod.

### Viaducts

Work continues to remove approximately 21,000 cubic metres of historic waste from the viaducts area and the mound adjacent to John St.

## Upcoming PHAI work

Work will begin later this year to clean up the following sites.



Highland Drive Landfill



Lions Recreation Centre Park



Chemetron Lagoon



### Port Hope Harbour

Hydraulic dredging is underway to remove sediment from the bottom of the harbour and approach channel.



## PHAI – Licensed to clean up historic waste

With the current regulatory licence for the Port Hope Project expiring on December 31, 2022, Canadian Nuclear Laboratories (CNL) has submitted an application to the Canadian Nuclear Safety Commission (CNSC) to renew the licence for 10 years.

**Renewing the licence for the Port Hope Project will enable CNL to continue the cleanup of historic waste and its placement in safe, long-term containment.**



CNSC licence hearing 2012

As part of the application, CNL has also requested the consolidation of the Port Hope Project licence with existing licences for the Port Granby Project, the Port Hope Pine Street Extension Temporary Storage Site and the Port Hope Radioactive Waste Management Facility. The consolidation of several licences for similar projects will help ease the administrative burden of managing separate licences.

CNL and CNSC staff will each submit a Commission Member Document – known as a CMD – to the Commission Registrar. These documents will be posted on the CNSC website after August 15, 2022.

Anyone can participate in the CNSC hearing through an intervention, either in writing only or by submitting

a written intervention and presenting it orally at the hearing. CNL encourages members of the community to participate in the intervention process and share their experiences with the PHAI.

Intervention requests must be submitted through the CNSC website no later than October 14, 2022.

The hearing will be held in Port Hope on November 22, 2022. Commissioners will hear presentations from CNSC and CNL staff along with those from oral intervenors. Everyone is welcome to attend or watch online.

A decision on CNL's application is expected in early 2023. For more information, visit PHAI.ca or contact us at [info@phai.ca](mailto:info@phai.ca).







# Upcoming PHAI hearings

## Two separate applications to the CNSC

CNL has submitted two separate applications to the CNSC for the PHAI. It is important to note that the CNSC licence hearing in November addresses overall PHAI project operation and not the PHAI Cleanup Criteria.



### Port Hope Project Waste Nuclear Substance Licence

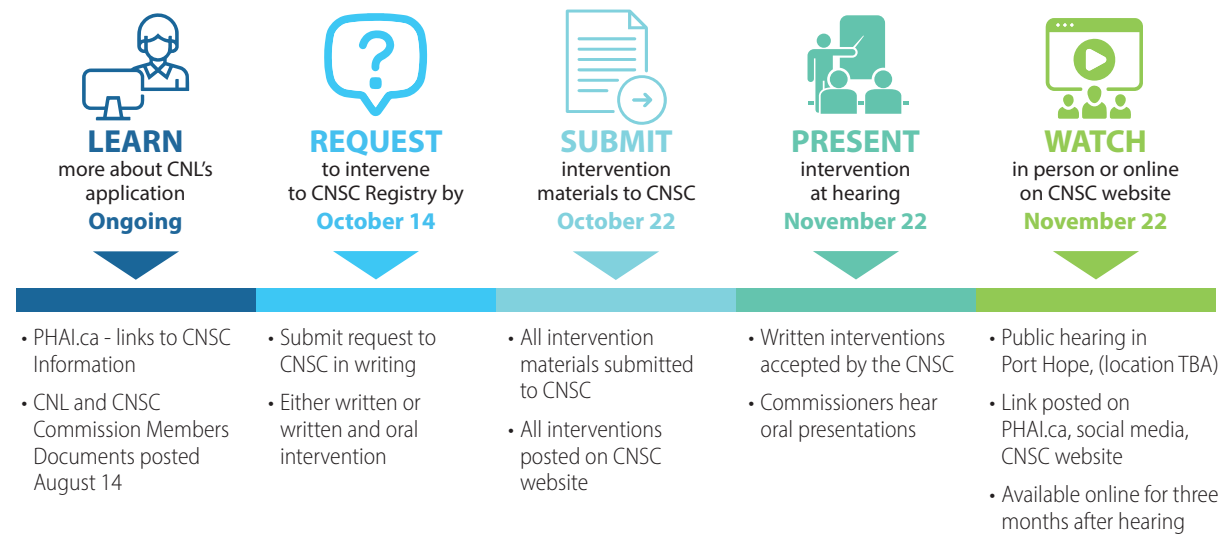
The Port Hope Project Waste Nuclear Substance Licence allows CNL to carry out cleanup activities and will expire December 31, 2022.

CNL is requesting a renewal of this licence for a 10-year period; the hearing will take place in Port Hope on November 22, 2022.

### CNSC Hearing Timeline

AUGUST 15 CNL SUBMISSION	OCTOBER 14 REQUEST TO INTERVENE	NOVEMBER 22 CNSC HEARING	12 WEEKS AFTER RECORD OF DECISION
and CNSC staff recommendations posted to CNSC website	Deadline for submission of intervention requests to CNSC	Commissioners hear presentations from CNL staff, CNL and oral intervenors	Posted to CNSC website

### Participate in the CNSC licence renewal hearing



### Application to change the PHAI Cleanup Criteria

Through a separate application to the CNSC, CNL had requested a change to the PHAI Cleanup Criteria, revising the value for arsenic from the current 18 parts per million (ppm) to 100 ppm. As part of ongoing dialogue with regulators, CNL is updating its application by removing the reference to uranium (which will remain at 23 ppm) and proposing the level for arsenic be changed to 56 ppm (revised from the original request of 100 ppm).

The level of 56 ppm for arsenic is based on the risk

guideline calculated by Health Canada's human health and risk assessment model. The revised application also allows regulators to focus on the change to the level of arsenic which, as the only parameter mobile in soil, has the most impact on the extent of a cleanup.

CNL believes the revised number of 56 ppm for arsenic will still result in reduced cleanup times on properties in Port Hope and potentially exempt a number of properties from the PHAI cleanup, while still being protective of human health and the environment.

### Participate in the PHAI Cleanup Criteria change process

CNL will share details on how to participate in the CNSC hearing on the application to change the PHAI Cleanup Criteria when the CNSC sets a hearing date and provides that information.

CNL welcomes questions and feedback on the application to change the PHAI Cleanup Criteria.

Submit your comments at PHAI.ca or by contacting our office.

### Come see us at the Port Hope Fall Fair!

We are excited to see you again at the Port Hope Fall Fair, **September 16-18, 2022.**

The CNL booth will be located in the Fall Fair building, and staff will be available to provide information and answer questions.

Stop by to learn more about current and upcoming activities, including the licence hearing and criteria change application.


# Your property cleanup

CNL has contacted owners of Port Hope properties that require a cleanup for historic waste about a new approach that will more clearly outline when a property will be cleaned up. If you think you should have been contacted but weren't, please reach out to us at [info@phai.ca](mailto:info@phai.ca) or 905.885.0291.

### New approach

If your Port Hope property requires a cleanup, you will receive a call in December to let you know your property is included in the package starting the following spring/summer. If you do not hear from CNL in December, you can make plans knowing the cleanup of your property will not take place in the next construction season.





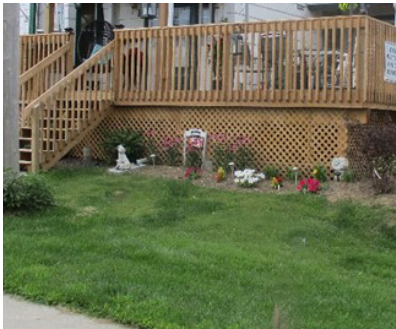
### Property cleanups – scheduling

A recent change to CNL's contracting approach, along with the proposed change to the PHAI Cleanup Criteria, has resulted in a new way of scheduling Port Hope properties for a cleanup of historic waste.

Through a newly implemented master construction contract, one contractor will be assigned to a specific area of Port Hope for all PHAI work. This is expected to result in fewer delays as CNL will no longer assign separate contractors for each scope of work.

CNL has applied to the CNSC to revise the PHAI Cleanup Criteria to address concerns from property owners and the community about the extent of cleanup on properties and unintended impact on the built and natural environment.

If approved, this change is expected to reduce the cleanup required on properties. Until that decision is made, CNL is proceeding with work that would not be affected by a change to criteria.



## No need to wait

Planning to landscape or renovate your property? CNL's Construction Monitoring Program will ensure any soil impacted with historic waste is removed from the area.

A required cleanup doesn't prohibit you from selling your property. Contact CNL to request a Radiological Status Letter, which is a summary of the current radiological information for your property. The letter is part of the real estate package for prospective buyers. It is free and will take about six business days to produce.



# CNL is committed to strengthening Indigenous relationships

The PHAI projects are situated on the treaty lands of the Williams Treaties First Nations, specifically the treaty signed with the Mississauga First Nations of Alderville, Curve Lake, Hiawatha and Scugog Island.

The Mississauga First Nations are also signatories to various 18th and 19th century treaties that covered lands in different parts of south-central Ontario. In 1923, the Mississauga First Nations and the Chippewa First Nations, consisting of Rama, Beausoleil and Georgina Island, signed the Williams Treaties and together, over 90 years later in June 2018, joined to ensure that their rights and the relationship with these lands are respected through a renewed agreement with Canada and the Province of Ontario.

**The area is also home to Indigenous Peoples from across the region and Canada. CNL is grateful to have the opportunity to work on these traditionally and culturally significant lands and waterways.**

Indigenous engagement is a critical component of the PHAI and all CNL projects. CNL and Atomic Energy of Canada Limited, the Crown corporation providing federal government oversight of CNL, are committed to open and transparent communication with Indigenous rights and interest holders and seek to advance reconciliation through meaningful actions.

CNL recognizes that including Indigenous Knowledge in the life cycle of projects – particularly in the areas of environmental protection and sustainability – can complement and improve operations and activities. CNL's newly hired Director of Indigenous Relations is leading a corporate-wide approach to building relationships with Indigenous Peoples, and the PHAI team has been expanded to include a dedicated Indigenous engagement role.

When the PHAI moved to the implementation phase in 2012, the Mississaugas of the Williams Treaties First Nations asked to receive regular updates. CNL

staff has met at least annually with representatives from Hiawatha First Nation, Curve Lake First Nation, Mississaugas of Scugog Island First Nation and Alderville First Nation to share project updates and engage in discussions on topics including environmental protection, economic opportunity and heritage resource protection.

In recent years, CNL has shared PHAI updates with representatives from the Anishinabek Nation and Métis Nation of Ontario. Based on proximity to PHAI sites, the Mohawks of the Bay of Quinte and local Métis Councils have been sent project information and invitations to special events.

In 2021, at the request of Curve Lake First Nation, CNL's Indigenous engagement team established monthly meetings with representatives from the Mississauga First Nations and Chippewa communities, including staff from Beausoleil First Nation, Georgina Island First Nation and Rama First Nation. Discussion topics are mutually determined with focus on CNL environmental remediation projects and/or interests identified by these Nations. Valuable feedback from Indigenous engagement supports CNL's efforts to use more balanced language and inclusive perspectives in project documentation.



Port Hope Project sites tour with Anishinabek Nation Regional Deputy Grand Council Chiefs James Marsden (second from left) and Melvin Hardy (centre)

Learn more about the Indigenous History of the Port Hope Area at [PHAI.ca](http://PHAI.ca).



# Giving back to those in need

CNL staff have a strong desire to help the communities in which we live and work. We were pleased to make a donation to the Northumberland Humane Society for \$9,000. The money was raised through the enthusiastic support of CNL employees who selected this organization through a crowdfunding initiative sponsored by the Canadian National Energy Alliance (CNEA), CNL's parent company.

This year CNL was proud to be the lead sponsor of the Coldest Night of the Year event led by the Green Wood Coalition. CNL donated \$5,000 to help those who are hungry, homeless and hurting in Northumberland County. The CNL team walked with family and friends on the day of the event, helping raise an additional \$1,350 towards the final amount.

Two separate donations were made to the Northumberland Fare Share to support food security in the community. The CNL Port Hope Social Club helped raise \$675 in monetary donations along with numerous boxes of non-perishable food. A few months later more than \$1,100 was raised through CNL employee contributions.

Making a positive difference in our community helps us grow not only as individuals but as a company.



## Port Granby Project Complete

The Port Granby Project's Long-Term Waste Management Facility is located approximately 20 km west of Port Hope.

The final layers of topsoil and grass were placed on the storage mound in September 2021, following the final transfer of over 1.3 million tonnes of waste excavated from the shores of Lake Ontario.

Construction of the storage mound began in 2016 and involved the installation of a multi-layered base liner and cover system, similar to the storage mound in Port Hope.

The contaminated soil and industrial waste are now in safe, long-term storage where they will be carefully monitored for years to come.



Dignitaries plant a tree to commemorate and celebrate the completion of the Port Granby Project



**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



Find us on  
Facebook



Follow us  
on Twitter



Follow us  
on Instagram



Like us on  
LinkedIn