

Cleanup completed at waste storage site

The big black tarp is gone from the Centre Pier, and so is the historic low-level radioactive waste that has been stored under the tarp since 2003.

The waste and the tarp have been placed in the engineered aboveground mound at the new Port Hope Long-Term Waste Management Facility as part of the Port Hope Area Initiative (PHAI). Canadian Nuclear Laboratories (CNL) is undertaking the PHAI on behalf of Atomic Energy of Canada Limited, a federal Crown corporation.

“With work also underway at the first residential properties to be cleaned up, we are excited to reach the point where the community can finally see the PHAI clean-up plans in action,” said Scott Parnell, CNL’s General Manager, Historic Waste Program. “It’s been a long time coming – 20 years since the Port Hope community first presented proposals for the cleanup to the federal government.”

The Centre Pier is the first of three temporary storage sites CNL’s contractor is cleaning up. The removal of the waste from the remaining sites, located in the Highland Drive Landfill area and adjacent to the municipal sewage treatment plant, will begin later this summer and is expected to be completed by the end of the year.

IN THIS ISSUE

Delivering waste to the new facility . . . 2
PHAI work this construction season . . 4
Species at risk 5
Planning to sell your property? 5
Project schedule update 6

All trucks moving waste are clearly marked with PHAI contact information and travel along the project’s designated



Excavating historic waste under the tarp at the Centre Pier Temporary Storage Site

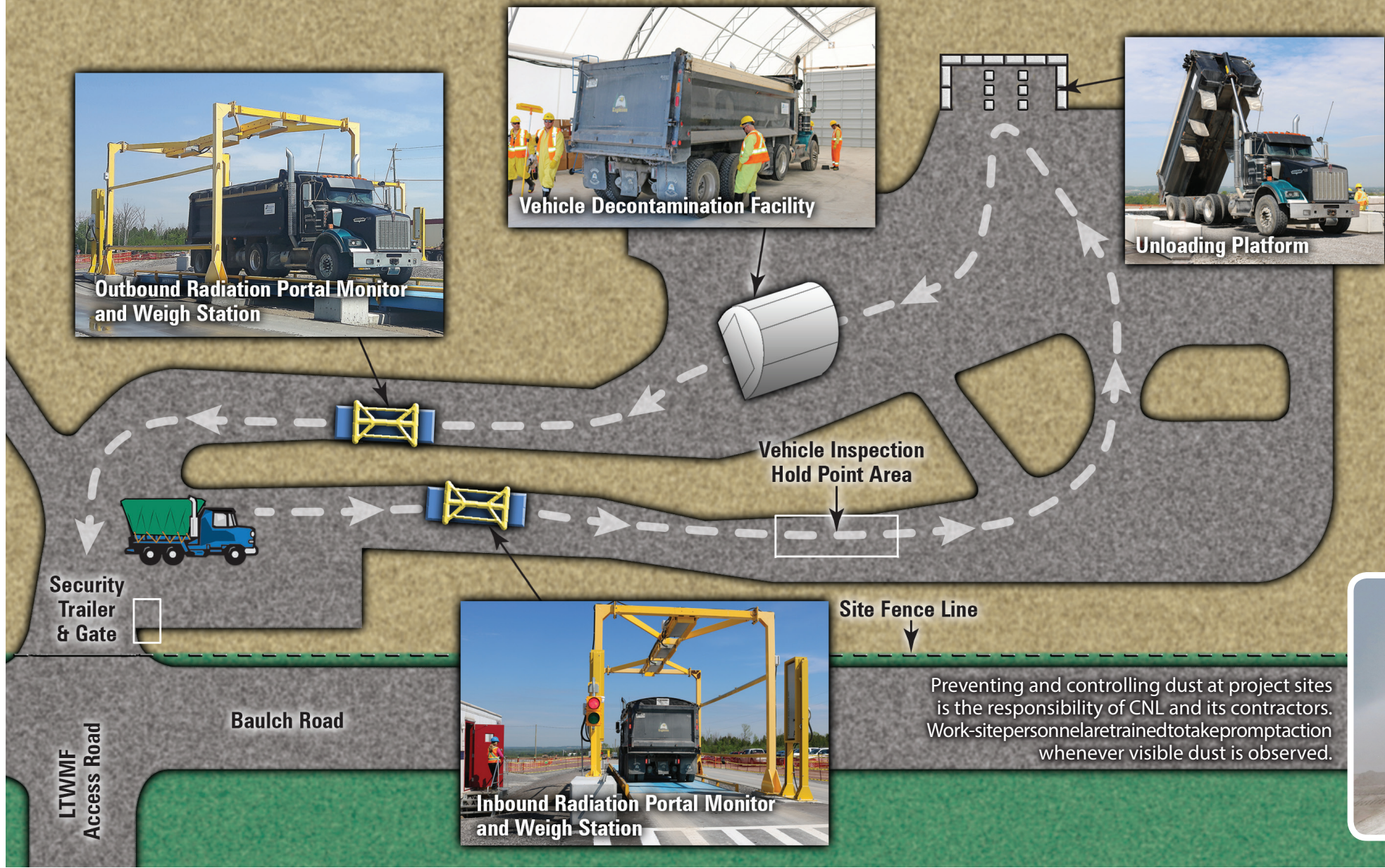
transportation routes to the new long-term waste management facility, which is located south of Highway 401, between Baulch and Brand Road in Port Hope. The routes were chosen in consultation with the municipality and residents to minimize the effect of project traffic on the community.

“Cleaning up more than one million cubic metres of waste and restoring hundreds of properties in the middle of a vibrant community is an incredibly complex task,” said Parnell. “We greatly appreciate the patience of residents as we work to complete the project safely and with as little disruption to the community as possible.”



Centre Pier after the waste was removed

Waste delivery at the new facility



The Long-Term Waste Management Facility (LTWMF) provides safe, long-term storage for the approximately 1.2 million cubic metres of historic low-level radioactive waste being cleaned up as part of the Port Hope Project. The waste is being stored in an engineered aboveground mound designed to safely isolate it from the environment.

When a truck transporting waste arrives at the LTWMF, the driver checks in at the security trailer. The truck then passes through a radiation portal monitor and weigh station that measures the radiation signature of each truck while weighing it. The truck's GPS tracking information is verified to ensure it followed the required project transportation route. After the truck is visually inspected, it proceeds to the unloading platform where it tips the waste into the mound in a controlled manner. Before leaving the LTWMF to pick up a new load, the truck is monitored for radioactive contamination and, if necessary, it is decontaminated.



Water truck for dust control

PHAI work this construction season

Port Hope Harbour

- Install turbidity curtain (completed) and first of two wave attenuators

Centre Pier

- Remove Temporary Storage Site waste and transport to LTWMF (completed)
- Demolish buildings (Cameco to undertake this work)

Waterworks East

- Excavate waste and transport to LTWMF

CN/CP Viaducts

- Install water management features

95 Mill Street South

- Demolish building



Species at risk: A PHAI priority

More than 200 species of plants and animals are at risk of disappearing in Ontario. CNL is committed to protecting species at risk and their habitats during the PHAI cleanup.

“We take protection of the environment very seriously,” said Harvey Seto, Director of Waste Programs and Regulatory Compliance. “Where species at risk are identified, CNL and its contractors either avoid or carefully manage interaction with the identified species and/or their habitats.”

As part of its commitment, CNL conducts a series of surveys at each of the project’s major sites to identify species at risk and their habitats. In the spring, survey work resulted in the discovery of bats in a building at the 95 Mill Street South project site. The discovery triggered a series of activities, including additional surveys. CNL will continue to work with the appropriate regulators during the remediation of that area.



A CNL contractor performs a bat survey to identify and record locations that may provide suitable roosting habitat.

Planning to sell your Port Hope property?

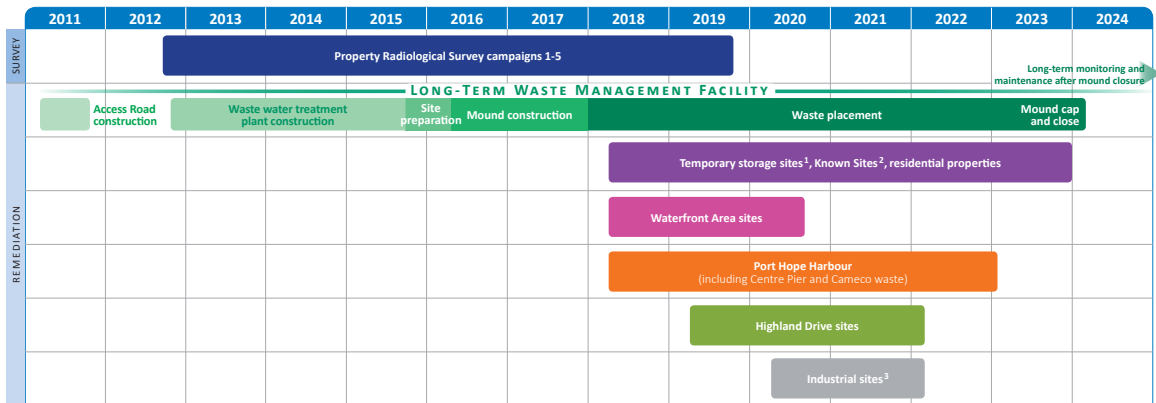
Every week, CNL staff members speak with prospective buyers and realtors to provide them with information about PHAI plans and activities for the community and for specific properties. We answer questions about health studies,

radiation levels, environmental monitoring and waste transportation to ensure that buyers have up-to-date, scientific information about Port Hope and the PHAI.

A Radiological Status Letter (RSL) continues to be an important tool for real estate transactions in Port Hope. CNL can provide you, your lawyer and/or realtor with an RSL that contains the most recent results available for any radiological testing and remedial activities conducted on your property. When sharing this information with prospective buyers, please encourage them to contact us so we can answer any questions they may have.

Compliance Letters stating that a property meets PHAI Clean-up Criteria are available for some properties. However, CNL will continue to issue RSLs until the end of the project for properties that do not yet have a Compliance Letter.





Port Hope Project schedule update

The Port Hope Project schedule shows the expected timing and duration of all major project activities, including the Property Radiological Survey of approximately 4,800 properties, the cleanup and restoration of sites, and the capping and closing of the mound once the cleanup is complete. The current

schedule takes into account the increase in the number of residential properties (trending over 800) that will require remediation to meet PHAI Clean-up Criteria and extends the project to 2024.

The schedule will be updated to reflect notable changes, if any, as the work progresses.



**Thanks for
16 great years
at the Port Hope
Fall Fair.
See you next year!**



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