Municipality of Port Hope Port Hope Project Update

2021 November 2



Outline

- 1. Port Hope Project Update
 - Licensing Activities
 - Long-Term Waste Management Facility
 - Waterfront Sites
 - Highland Drive area Sites
 - Small-Scale Sites
 - Industrial Sites
- 2. Port Granby Project Update
- 3. PHAI Cleanup Criteria Amendment Application















CNSC/PHAI Licensing Activities

Updates Scheduled for CNSC Review & Engagement

Port Granby Project Waste Nuclear Substance Licence 2021

 One year licence extension

Port Hope Project Waste Nuclear Substance Licence 2022

- Ten-year renewal
- Consolidation with PGP Licence for long-term monitoring

Port Hope Area Initiative Amendment

Cleanup Criteria
 Change Proposal
 Application 2022/23



The Big Picture



Refocus on Safety

- Number one priority
- Scheduling impacts



Privately Owned Properties

- Cleanup Criteria
- Scheduling

CNL Addressed Contractor Lien Issue

- CNL notified of dispute between contractor and subcontractor working on Port Hope residential properties
- Subcontractor initiated legal registration of property liens

 Ontario's Construction Act permits contractors to register liens when materials/services are provided and payment is not received – part of normal construction industry business

- CNL:
- Identified all affected properties, contacted owners, took steps to have liens removed
- Remains committed to completing work on each property per signed Remediation & Restoration Agreement in place
- Remains proactive in addressing liens that may arise in connection with PHAI work





Long-Term Waste Management Facility



PORT HOPE



Waterfront Sites







Mill Street COMPLETED

Waterworks East COMPLETED

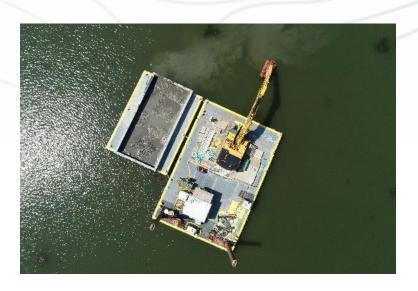
Viaducts UNDERWAY

Viaducts





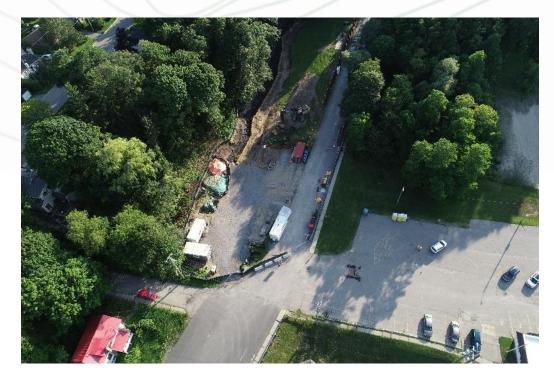
Port Hope Harbour and Centre Pier







Ravine Sites

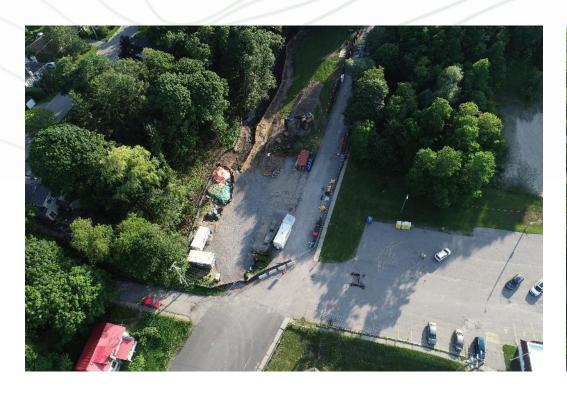


Strachan Street Ravine



Alexander Street Ravine

Strachan Street Site





Highland Drive Area Sites



Pine Street North Extension Consolidation Site





Privately Owned Properties





Small Scale Sites Remediation and Restoration: Overview















SURVEY ~5,990 PROPERTIES

4,853 SURVEYS COMPLETE 5,480 participating (91%) ~160 road allowances

INVESTIGATE: LLRW PRESENT/ABSENT

~ 1,155 PROJECTED TO
REQUIRE CLEANUP
977 field work complete (85%)

DESIGN REMEDIATION PLAN

187 COMPLETE (19%) 357 underway (37%) 977 ready for/in design **REMEDIATE**

54 COMPLETE 17 underway



Upcoming Work- Industrial Sites



CHEMETRON LAGOON





Port Granby Project

Port Granby Engineered Storage Mound - Complete





Port Granby Waste Removal Complete – November 2020

Remediation of ~1.3 tonnes LLRW





Port Granby Phase 3 - Long-Term Monitoring





- East Gorge groundwater collection system
- WWTP continues treating leachate from LTWMF, East Gorge groundwater system
- WWTP output shipped to licensed, offsite storage



LTWMF Monitoring

- Site remains fenced
- Mound surface, internal sensors monitored
- Grounds monitored, maintained



Environmental monitoring

 Air, water, groundwater, soil, plants, wildlife monitoring continues



Continued safety oversight

- Plans in place to ensure any event is properly managed
- Risks to people/environment minimized



PHAI CC Change Application – Process

2012 & 2019 Expert Studies

Cleanup Criteria Established

Conservative levels for arsenic/uranium

Based on information available at time

Concluded increasing levels for arsenic/uranium are in line with similar decisions made in other Canadian communities, risks are above background but within acceptable parameters

2020 & 2021 Stakeholder & Indigenous Engagement

Extensive education, engagement and comment process undertaken

Summary of input to be submitted for CNSC review



2022 CNSC Review/Decision

CNSC hearing (TBD): review application, consider public interventions

2012 – 2019 Property Tests/Remediation

>25,000 Port Hope soil samples
Large number driven by
arsenic/uranium criteria
More properties, time, cost impact
than intended

2019
CNL recommends
CC changes to CNSC

Ensure MPH council/staff kept informed.
Feedback from regulators incorporated as CNL follows CNSC application/review process
Final change needs acceptance from all parties



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in engagement opportunities



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Thank You

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