

# Port Granby Project

## Annual Update

Municipality of Clarington Council

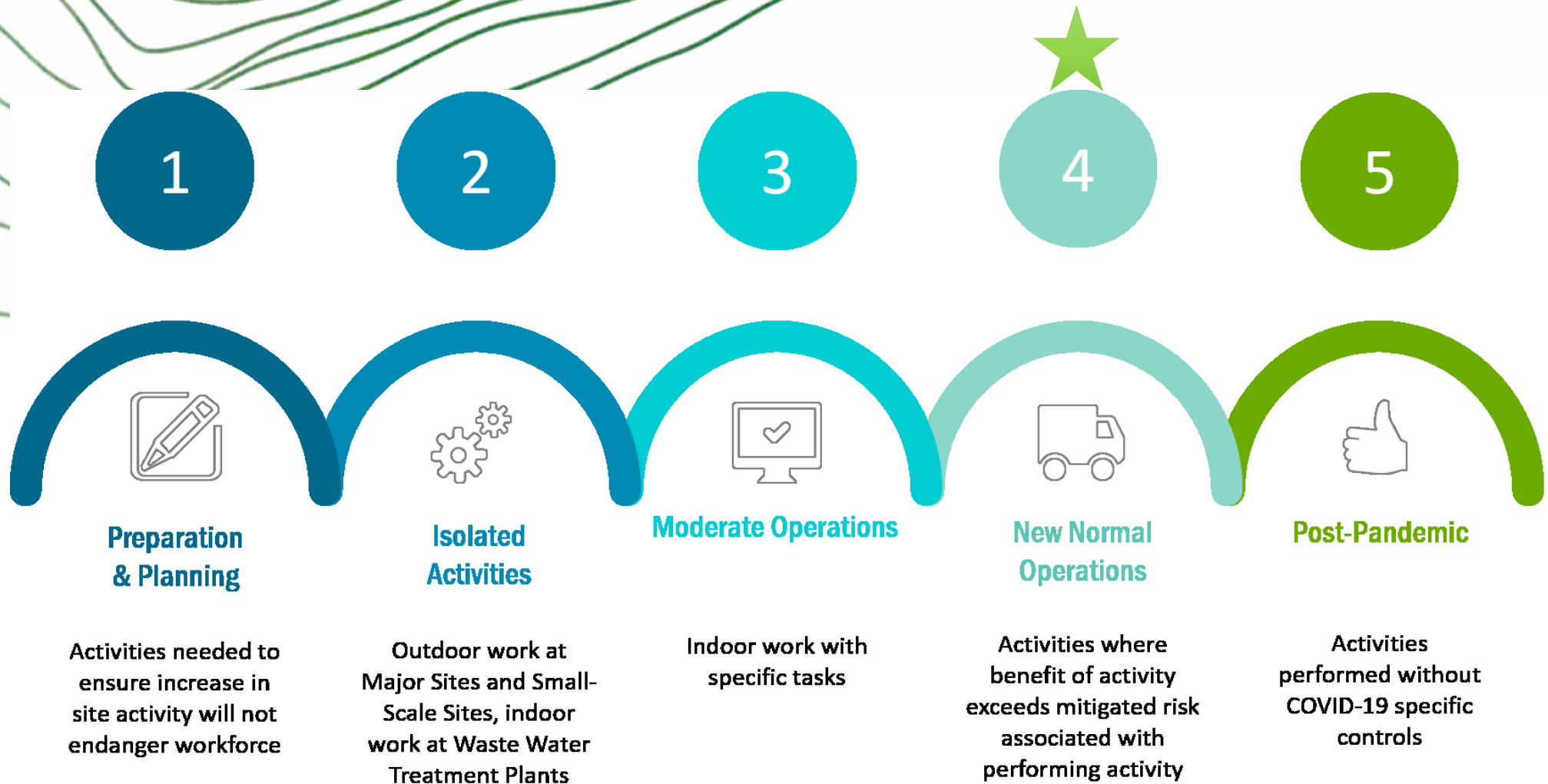
September 27, 2021

Mark Hughey, General Manager  
Historic Waste Program Management Office



August 2021

# Phased Return to Field Work



# Port Granby Engineered Storage Mound - Complete



September 2021

# Port Granby Waste Removal Complete – November 2020

Remediation of ~1.3 tonnes LLRW



# Municipal Participation



*Municipal Peer Review Team*



*PHAI Funding Announcement*



*PHAI Annual Update to Council*

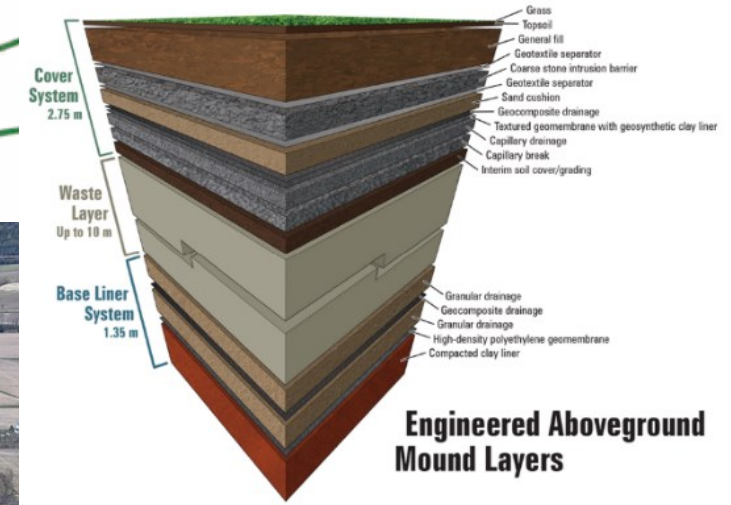


*Ground Breaking Event – Port Granby LTWMF*

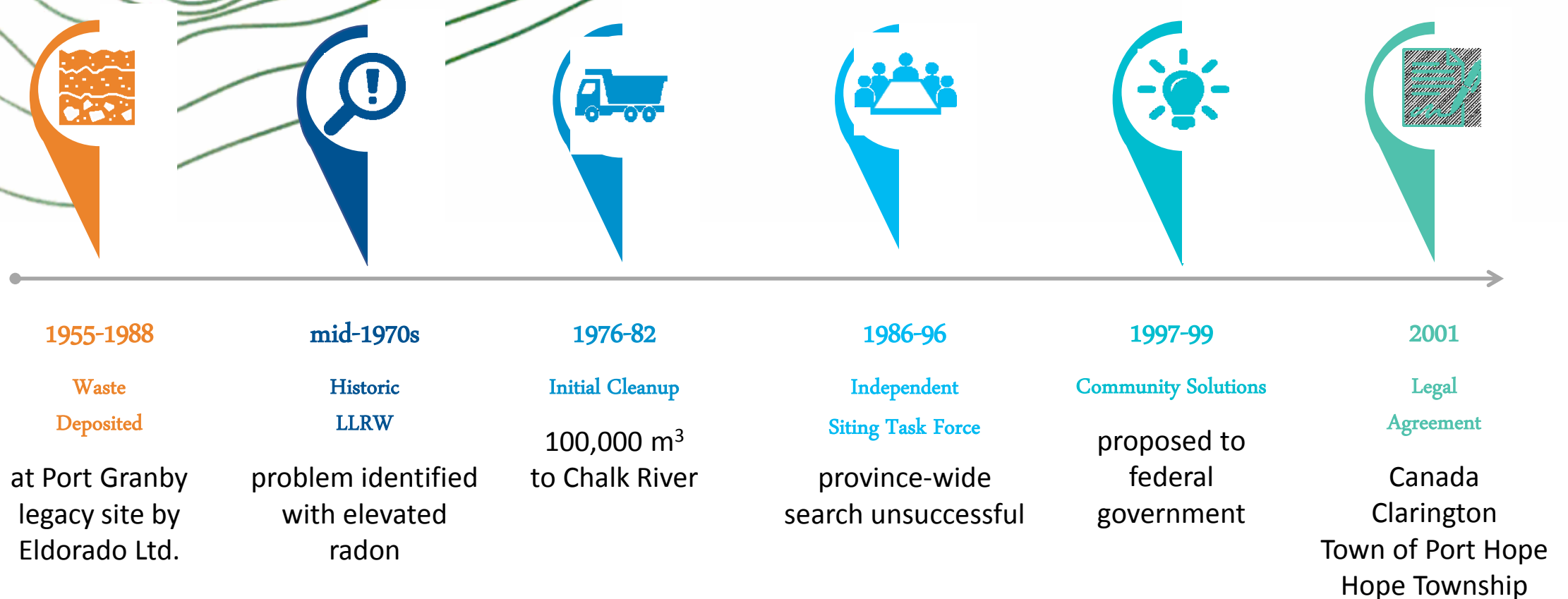


*Agreement Monitoring Group Meeting #100*

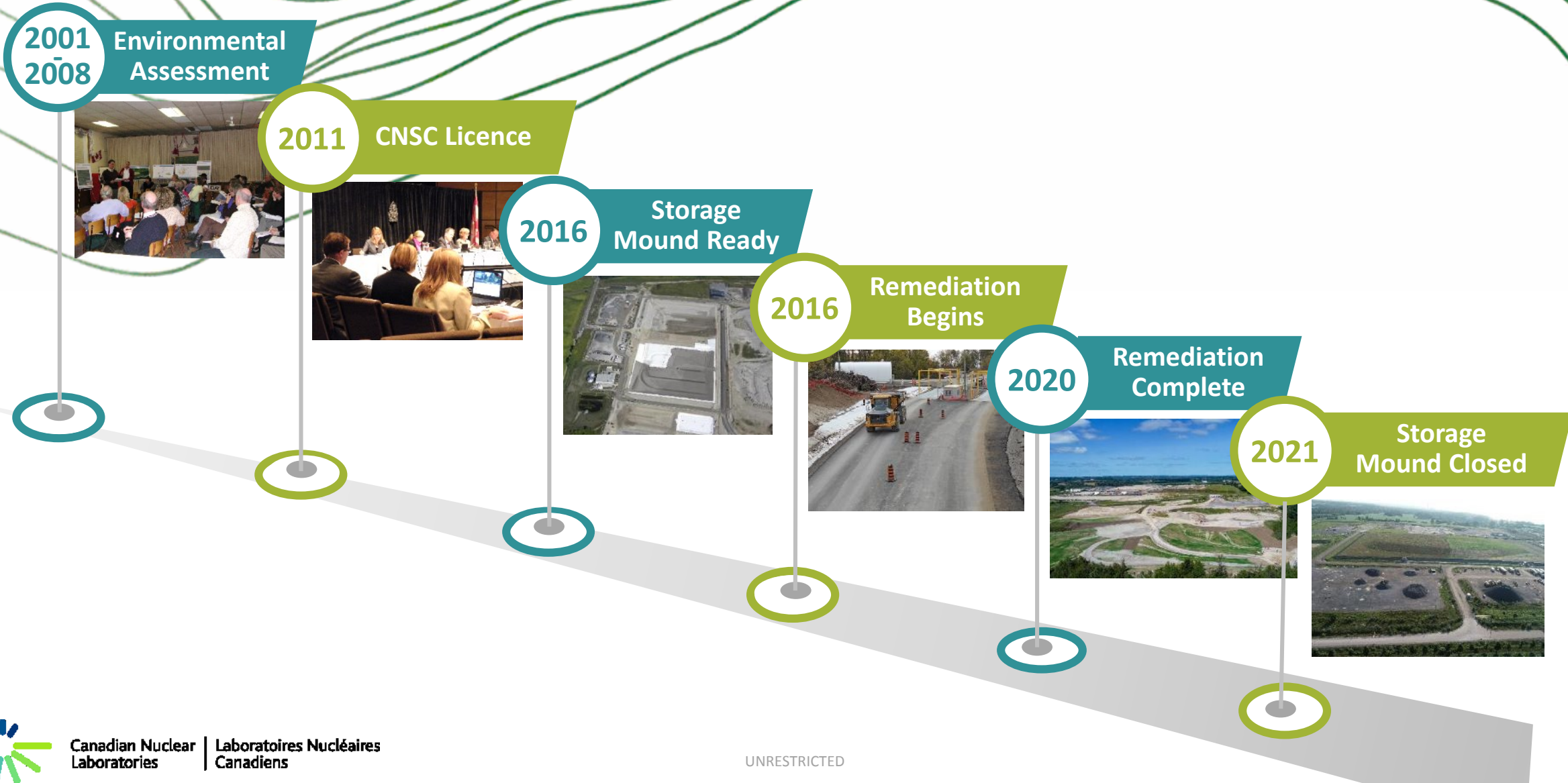
# Port Granby Project Overview



# The Path to a Solution



# Port Granby Project Milestones





# Port Granby Mound – Cap & Close



# Port Granby Waste Water Treatment Plant

## Processing to Date

- ~ 755,000 m<sup>3</sup> clean water released to Lake Ontario
- ~ 2,855,000 kgs. solids to safe, long-term storage

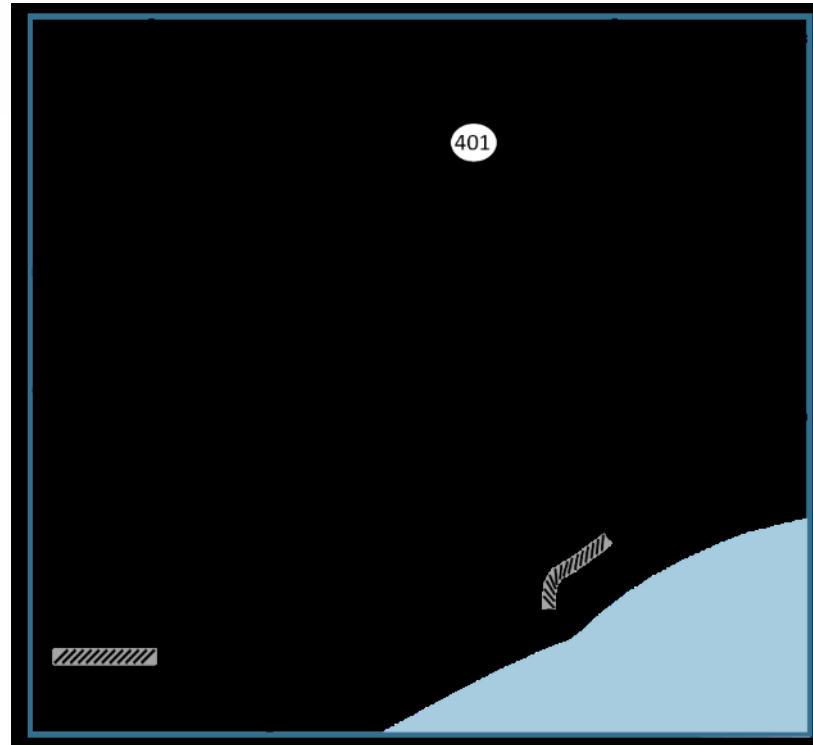
## Transportation Waste Offsite

- WWTP residual waste (liquid brine and solids)
- Shipped to Port Hope Project Waste Water Treatment Plant
- Compliance with all regulatory requirements
- Two to five trucks/week over next two years
- Significant reduction once mound capped as WWTP continues to treat water and produce residuals



# Lakeshore Road Realignment

- Realigning to original location
- One lane open at all times
- Mondays to Fridays open on weekends
- Anticipated completion mid-October



# Project Look Ahead

- Removal of infrastructure, internal roads
- Removal of Lakeshore underpass
- Contractor demobilization



# Port Granby Phase 3 - Long-Term Monitoring



## Water Treatment

- 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

# Port Granby Nature Reserve Proposal

- Led by AECL - input from multiple partners
- Collaborative vision and strategy by:
  - South East Clarington Ratepayers' Association
  - Ganaraska Region Conservation Authority
  - Municipality of Clarington
  - Municipality of Port Hope



# CNSC/PHAI Licensing Activities

## Updates Scheduled for CNSC Review & Engagement

### Port Granby Project Waste Nuclear Substance Licence 2021

- One year licence extension

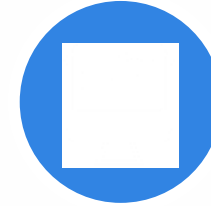
### Port Hope Project Waste Nuclear Substance Licence 2022

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

### Port Hope Area Initiative Amendment

- Cleanup Criteria Change Proposal Application 2022/23

## Participate in the Process



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in engagement  
opportunities



CONTACT US  
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Thank You

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