

**WHALE TAIL PIT EXPANSION PROJECT  
NWB TECHNICAL MEETING & PRE-HEARING CONFERENCE  
COMMUNITY PRESENTATION  
OCTOBER 29-30, 2019**



**AGNICO EAGLE**

# PRESENTATION SUMMARY

- Presentation of the Project
- Summary of Technical Comment Responses



# PRESENTATION OF THE PROJECT



# AGNICO EAGLE HISTORY AND APPROVED PROJECTS IN NUNAVUT



Event	Meadowbank	Whale Tail Pit	Whale Tail Pit Expansion	Meliadine
First gold discovery	1987	1972	1972	1972
AEM acquisition	2007	2007	2007	2010
AEM first drilling activity	2007	2013	2013	2010
Approval for construction	2007	2017	2019	2017
Construction period	2007-08-09-10	2018-19	2020	2017-18-19
Commercial production	2010	2019	2020	2019
End of production	2019	2022	Q4 2026**	**2033

\*\* Based on current life of mine estimates

# WHALE TAIL PIT APPROVED PROJECT



- **Whale Tail Pit Project approved and permitted** by Nunavut Impact Review Board Project Certificate No.008 on March 15, 2018 (herein referred to as the Approved Project).
- The **Type A Water Licence 2AM-WTP1826** was approved by the Minister on July 11, 2018 to begin construction and operation of the Whale Tail Pit.
- As a **satellite operation**, the Whale Tail Pit is approved to operate and will continue to:
  - feed the Meadowbank Mill and Tailings Storage Facility.
  - use associated Meadowbank Mine infrastructure under Project Certificate No. 004 and Type A Water Licence 2AM-MEA1526.





# WHALE TAIL PIT EXPANSION PROJECT



## NWB Water Licence Amendment Status

- Application was submitted to NWB on May 16, 2019.
- Information Requests were received on July 18, 2019.
- Responses to Information Requests were provided on August 1, 2019.
- Technical Comments were received on September 16, 2019.
- Responses to Technical Comments were provided on October 7, 2019.
- Meetings to discuss Technical Comments were held with Interveners:
  - ECCC (September 19 in Edmonton);
  - KivIA (September 20 in Winnipeg);
  - CIRNAC (September 24-25 in Iqaluit); and
  - DFO and KivIA (September 30 in Edmonton and Yellowknife).

# WHALE TAIL PIT EXPANSION PROJECT



Agnico Eagle is seeking approval to **expand and extend the Whale Tail Pit Project** through a reconsideration of NIRB Project Certificate No. 008 and Type A Water Licence Amendment to include the:

- Expansion of the Whale Tail Pit
- IVR Pit; and
- Underground mine.

The deposits will be mined and ore will be stockpiled then hauled to the approved infrastructure at Meadowbank Mine for milling.



Life of Mine will be increased by **4 years**.

# WHALE TAIL PIT EXPANSION PROJECT



## Description of Water and Waste activities:

- Withdrawal and use of water from Nemo Lake, Mammoth Lake and small lakes/ponds proximal to drilling sites and operation of a Potable Water Treatment Plant
- Dewatering of Lake A53
- Reflooding of Pits at closure
- Construction and/or Operation of site water management infrastructures
- Operation of a Sewage Treatment Plant, Operational Water Treatment Plant (i.e. TSS, Phosphorus and Arsenic) and TDS Treatment Plant and controlled discharges of treated Effluent during operations
- Storage of waste rock in IVR and Whale Tail Waste Rock Storage Facilities
- Construction and/or operation of a Landfill, Incinerator/Composter and Landfarm
- Expansion of the Haul Road from 9.5 to 15m including associated crossings



# CONTINUED USE OF BAKER LAKE FACILITIES



Fuel Farm, Dock, All Weather Access Road

# CONTINUED USE OF MEADOWBANK CAMP AND MILL



Aerial view of the Meadowbank site: pits and tailings storage facilities

# CONTINUED USE OF MEADOWBANK CAMP AND MILL

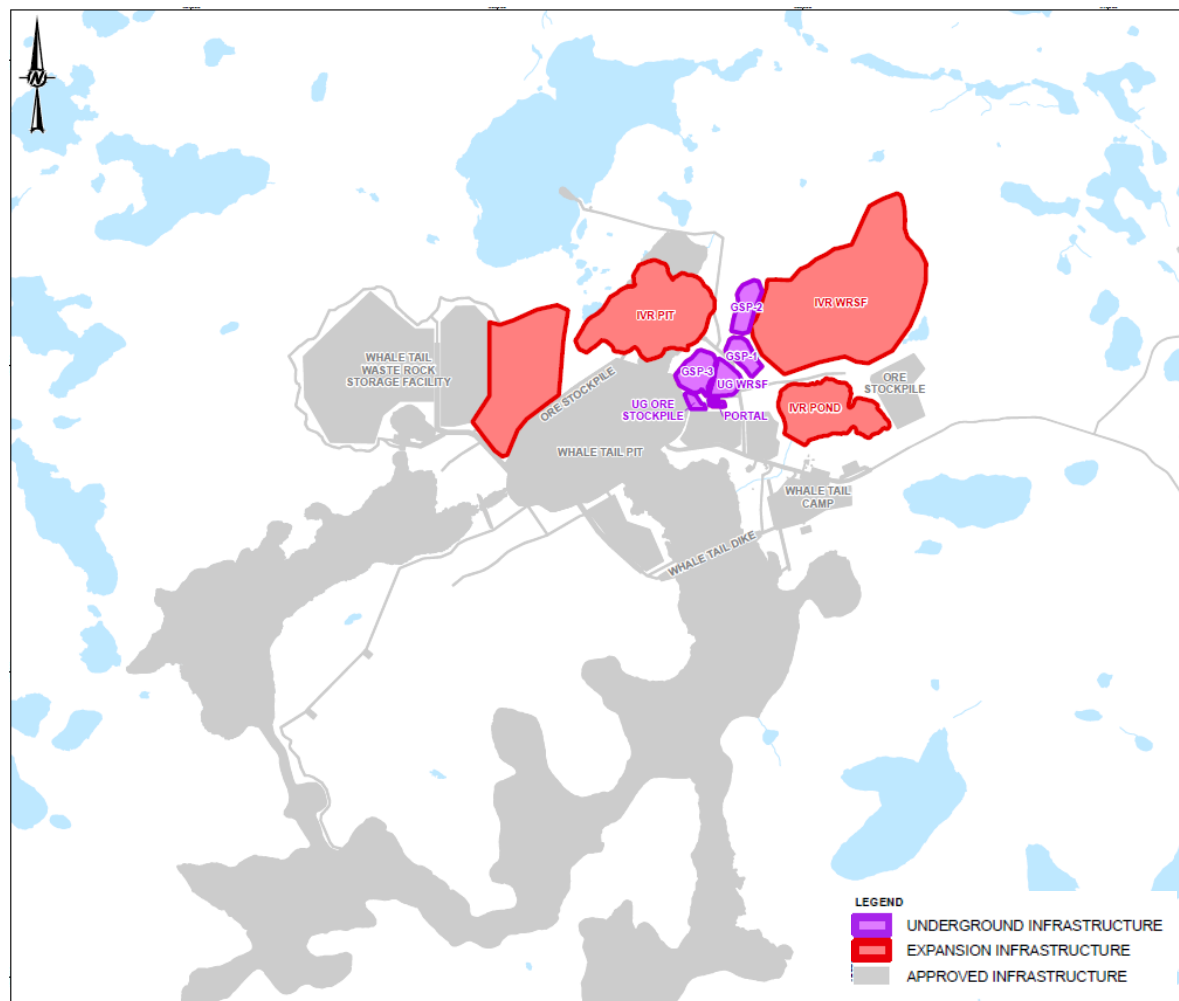


Meadowbank Camp, mill and ore storage dome



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## Whale Tail Pit Approved and Expansion Project Infrastructure





# CONTINUED USE OF WHALE TAIL PIT APPROVED PROJECT INFRASTRUCTURES



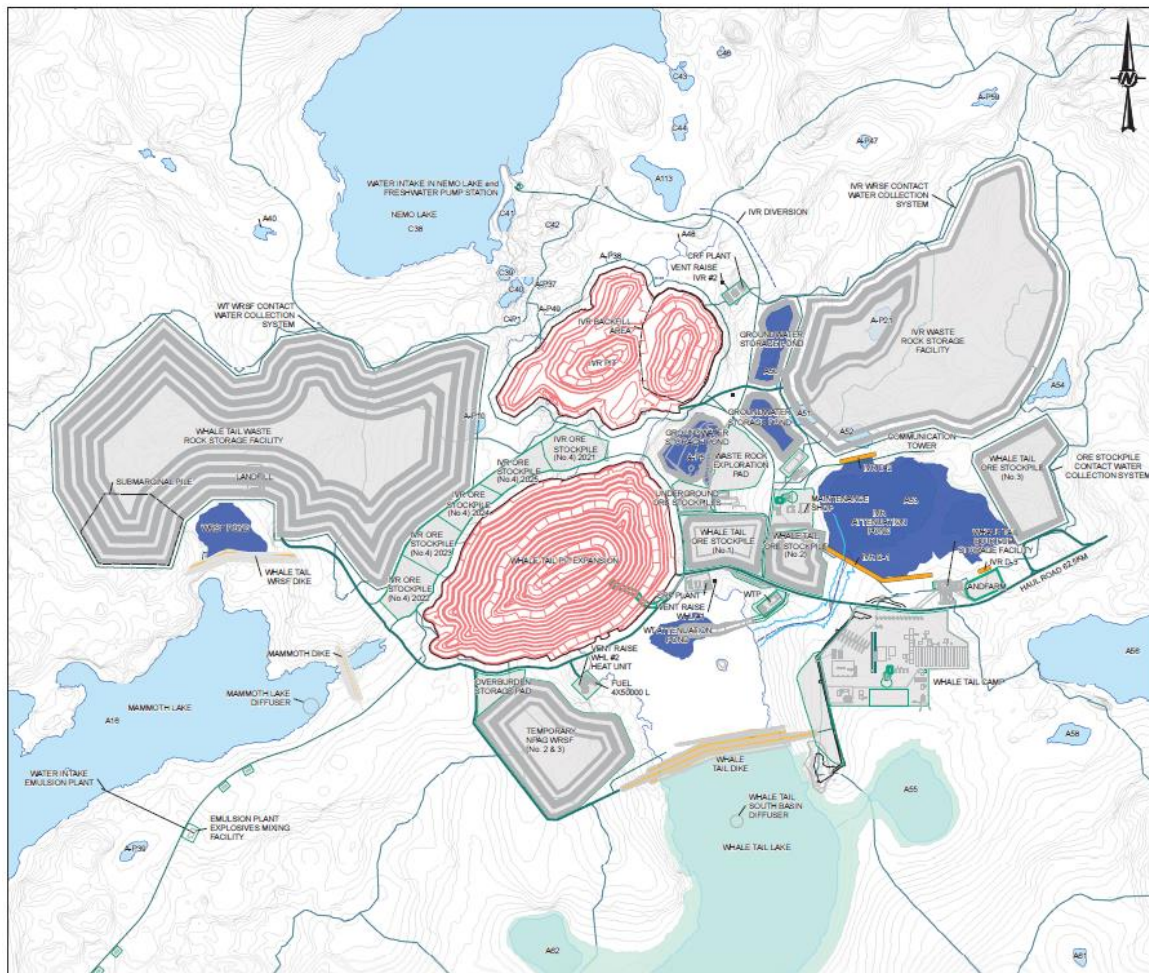
Whale Tail Pit Water Treatment Plan and Long Haul Truck

# CONTINUED USE OF WHALE TAIL PIT APPROVED PROJECT INFRASTRUCTURES



Whale Tail Pit garage, exploration pad, and camp





## WHALE TAIL PIT EXPANSION

- 2019 – 2020 – Continue operating Whale Tail Pit, as approved while reviewing the Expansion Reconsideration and Type A Water Licence
- 2020 – 2022 – Begin operation of the expanded Whale Tail Pit, IVR pit stripping and build infrastructure
- 2020 – 2025 – Operate Whale Tail Pit Expansion
- 2026 – 2042– Closure – Pit Flooding
- 2043 – Post-Closure

# WHALE TAIL PIT EXPANSION

- To summarize the Whale Tail Pit Expansion Project, we present the following video – 3D rendering of the Project

## 3D rendering



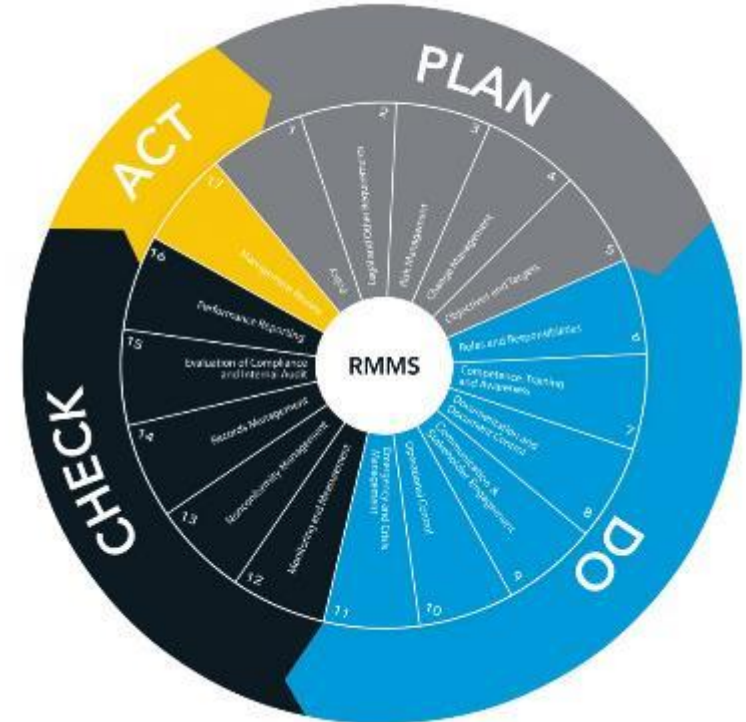
# PUBLIC ENGAGEMENT

## AGNICO'S INDIGENOUS PEOPLE ENGAGEMENT COMMITMENT



Agnico Eagle will work in partnership with Indigenous People to establish a mutually beneficial, cooperative and productive relationship. Our approach will be characterized by effective two-way communication, consultation and partnering.

Agnico Eagle's public participation framework is driven by our Responsible Mining Management System (RMMS).



# PUBLIC ENGAGEMENT

## AGNICO'S INDIGENOUS PEOPLE ENGAGEMENT COMMITMENT



### Plan

- Sustainable Development Policy
- Towards Sustainable Mining
- NIRB requirements
- IIBAs

### Do

- Community Coordinators
- Open Houses/Public Meetings
- Community Initiative Funds
- Community Liaison Committees

### Check

- Tusaajugut (We're Listening)
- IIBA committees
- External reporting (KIA//GN/SEMC, etc.)

### Act

- Management review
- External review (KIA, corporate stakeholder advisory committee)

# SUMMARY OF PUBLIC PARTICIPATION



**60+** Meadowbank Complex project consultations and engagements (2016-2019)

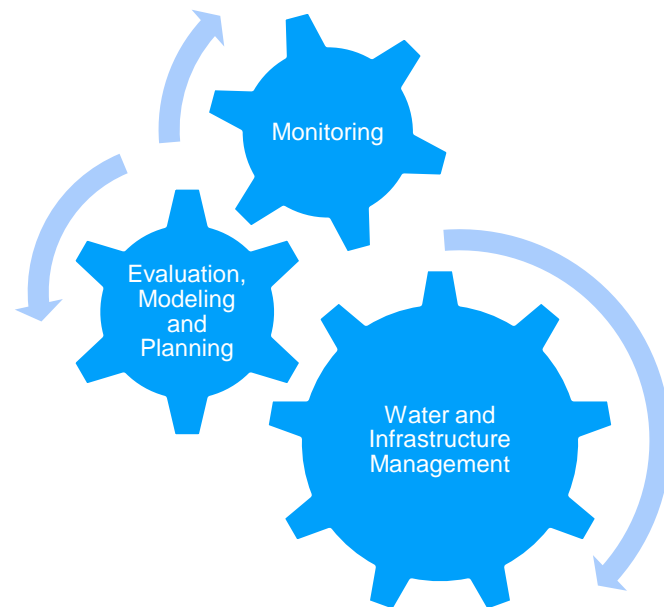
**20+** Whale Tail Pit Approved Project consultations and engagements (2016-2018)

**8** Whale Tail Pit Expansion Project consultations and engagements since July 2018



## ADAPTIVE MANAGEMENT

- Adaptive Management requires continuous monitoring, evaluation, modeling and planning, with a feedback loop for continuous improvement
- This will result in adapting infrastructure, management plans, and mitigation accordingly
- When required, approval and implementation will be executed in a timely fashion



# MANAGEMENT AND MONITORING PLANS

- New Plans Created to Address Expansion Project activities:
  1. Conceptual Whale Tail Pit Expansion Offsetting Plan
  2. Landfarm Design and Management Plan
  3. Incinerator and Composter Waste Management Plan
- All other monitoring plans submitted were updates of existing plans to capture Expansion Project activities



## SUMMARY OF TECHNICAL COMMENTS RESPONSES



# REVIEW OF TECHNICAL COMMENT STATUS

Intervenor	No. of Technical Comment	Resolved	Commitments	Timeline
CIRNAC	5	5	Hold further meetings to discuss the impact of WRSFs interflow breakthrough on the financial security arrangement (CIRNAC-TRC#1, part 4, CIRNAC-TRC#3)	<b>Prior to Public Hearing</b>
			Provide results of water quality model scenario with WRSF RCP 8.5 input (CIRNAC-TRC#2, part 4)	<b>For the technical meeting</b>
			Update Water, Waste, and Interim Closure and Reclamation Plans to include adaptive management tables (CIRNAC-TRC#1, part 8)	<b>60 day following reception of the amended water licence</b>
ECCC	8	8	Update Water Management Plan with decision tree and action items for water quantity (ECCC-TC-4)	<b>60 day following reception of the amended water licence</b>
DFO	3	3	Provide information as part of the DFO Fisheries Act Authorization Application package (DFO-TC-2.1/2.3)	<b>As part of Fisheries Act Authorization application</b>
KivIA	21	21	Update Water Management Plan with decision tree and action items for water quantity (KivIA-WL-TC-6)	<b>60 day following reception of the amended water licence</b>
			Assess alternatives flooding strategies as adaptive management options of the final closure plan (KivIA-WL-TC-9)	<b>Final Closure Plan</b>
			Include KivIA in DFO Fisheries Act Authorization approval process KIA-WL-TC-20	<b>As part of Fisheries Act Authorization application</b>
Total	37	37	7	



**AGNICO EAGLE**



**MATNA - THANK YOU**