

## **Appendix 4**

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### **Whale Tail Haul Road KVRW15F01 2020 Work Plan**

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**AGNICO EAGLE**

WHALE TAIL PIT PROJECT

**Lease KVRW15F01  
2020 Workplan**

**January 2020**

## EXECUTIVE SUMMARY

Condition 11 of KIA Right of Way Lease KVRW15F01 for the Whale Tail Pit Haul Road states:

*No Construction or other work, operations or activity may be conducted on the Land until a Work Plan or amended Work Plan has been approved by KIA. AEM shall deliver to KIA not later than January 1<sup>st</sup> of each year of the Term a workplan ("Work Plan") which shall include:*

- (i) A description of the activities on the Land that AEM proposes to perform in that year;*
- (ii) A description of the topographical features and any natural or manmade features, structures or works that may be affected by AEM's Operations;*
- (iii) Socio-economic terms as contemplated by this lease;*
- (iv) Pursuant to Environmental Action Plan, a reclamation plan detailing the activities to be undertaken in that year and planned for the balance of the Term that includes, but not limited to, the proposed methods and procedures for the progressive:*
  - 1) Removal of all structures, equipment, and other manmade debris;*
  - 2) Rehabilitation of the area;*
  - 3) Replacement of overburden and soil;*
  - 4) Grading of the area back to its natural contours; and*
  - 5) Re-establishment, to the extent possible, of flora; and*
  - 6) A report on the estimated costs of implementing the reclamation plan for the year and for the balance of the Term, in the form approved by KIA; and*
  - 7) Initiatives to be taken by AEM to implement the socio-economic provisions set out in section 16.*

This 2020 Workplan covers the proposed activities for the Whale Tail Pit Haul Road.

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## **SECTION 1 • INTRODUCTION**

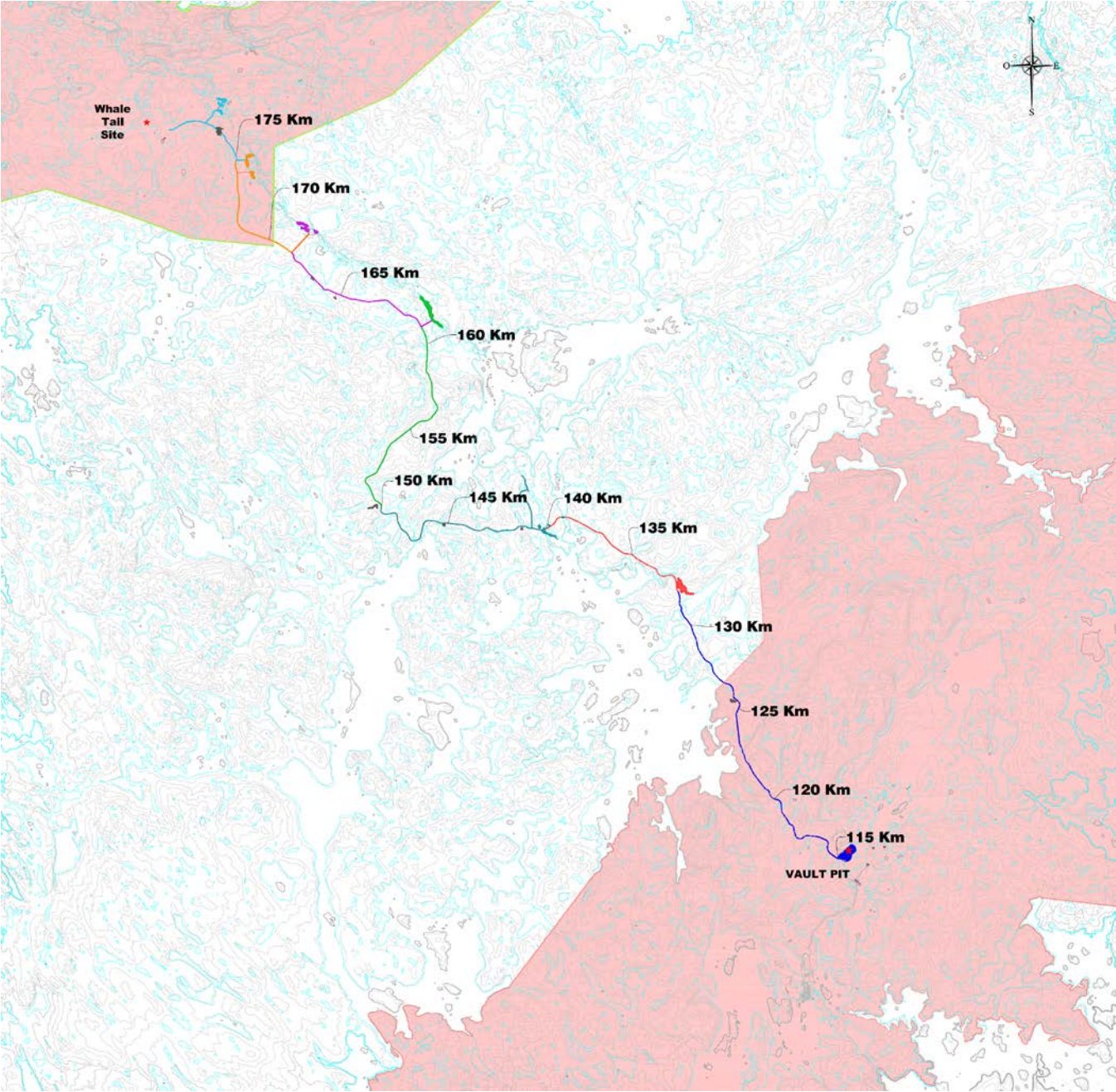
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Agnico Eagle Mines Limited – Meadowbank Division (Agnico Eagle) is operation the Whale Tail Pit and Haul Road Project, a satellite deposit located on the Amaruq property, to continue mine operations and milling at Meadowbank Mine. The Amaruq property is a 408 km<sup>2</sup> site located on Inuit Owned Land approximately 150 km north of the hamlet of Baker Lake and approximately 50 km northwest of Meadowbank Mine in the Kivalliq Region of Nunavut. The deposit is currently mined as an open pit (i.e. Whale Tail Pit), and ore is hauled to the approved infrastructure at the Meadowbank Mine for milling.

Agnico Eagle completed construction of the 6.5m wide Amaruq Exploration Access Road connecting the Whale Tail Pit Project to the Meadowbank site. On March 15, 2018, site preparation Water Licence 2BC-WTP1819 and on July 11, 2018, Type A Water Licence 2AM-WTP1826 were issued by the Nunavut Water Board to allow expansion to a 9.5m haul road. As of October 2018, widening activities are currently being finalized. Figure 1 shows the Whale Tail Pit Haul Road.

Information related to the construction and operation of the Whale Tail Pit Haul Road are presented in the Whale Tail Pit Haul Road Management Plan that was approved by the Nunavut Water Board and Nunavut Impact Review Board. Haul Road activities occurring in 2020 will be included in the Annual Report.

Figure 1: Whale Tail Pit Haul Road



**SECTION 2 • PERMITTING SUMMARY**

The Whale Tail Pit Haul Road is located under both Inuit Owned Land (IOL) administered by the Kivalliq Inuit Association (KIA) and Crown Land administered by Crown-Indigenous Relations and Northern Affairs Canada (CIRNAC).

Agnico Eagle has received required permits and approvals from the Nunavut Planning Commission (NPC), Nunavut Impact Review Board (NIRB), Nunavut Water Board (NWB), KIA, Department of Fisheries and Oceans Canada (DFO), CIRNAC, and the Government of Nunavut (GN) to proceed with Whale Tail Pit Haul Road construction, widening and operation. Permits and approvals received are summarized in Table 1.

**Table 1: Permits and approvals received**

<b>Licence Number</b>	<b>Issued By</b>	<b>Details</b>	<b>Work authorized</b>	<b>Status</b>
66H/8-02-1	CIRNAC	Land Use Lease	Road on Crown Land	Active
66H/8-01-4	CIRNAC	Quarry Permit	Quarry on Crown Land	Active
11-HCAA-CA7-00006	DFO	Letter of Advice	Road construction	Active
WL-2019-025	GN-ENV	Wildlife Research Permit	Ground survey of birds, nest, raptors, other animals, and wildlife signs + Breeding Bird nest monitoring along the Road.	Active
IIBA	KIA	Inuit Impact Benefit Agreement	Inuit Impact Benefit Agreement	Active
KVRW15F01	KIA	Right of Way Lease	Construction, widening and operation of the road on IOL	Active
KVPL17D01	KIA	Production Lease	Activities performed around mine site	Active
Water Compensation Agreement	KIA	Whale Tail Water Compensation Agreement	Water usage	Active

KVCA15Q02	KIA	Quarry Permit (Eskers 5-6)	Borrow Pits on IOL	Active
KVCA15Q01	KIA	Quarry Permit (Esker 7)	Borrow Pits on IOL	Active
KVCA18Q01	KIA	Quarry Permit (Km 10.5)	Borrow Pits on IOL	Active
Project Certificate 008	NIRB	Whale Tail Pit Project	Road operation	Active
2AM-WTP1826	NWB	Water License	Road operation	Active



**SECTION 3 • 2020 PLANNED ACTIVITIES**

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Widening of the road to 9.5m was completed in 2018. As such, planned activities for 2020 include road maintenance and operation activities.

## **SECTION 4 • 2020 PLANNED ENVIRONMENTAL MONITORING**

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### **4.1 WILDLIFE MONITORING**

#### **4.1.1 Raptor Nest Surveys**

As part of the weekly road and quarry inspection, Agnico Eagle will conduct a raptor nest survey. The results of these surveys will be provided in the 2020 Annual Report.

#### **4.1.2 Caribou Satellite-Collaring Program**

Agnico Eagle is assisting the GN in a Caribou satellite-collaring program within the Meadowbank Regional Study Area (RSA). Information on the status and location of various herds that use the RSA at different times of the year is an important component of on-going monitoring and management efforts at the mine site and along the Haul Road. These collaring data will be used to assist Agnico Eagle in anticipating large herds passing near the Whale Tail Pit Haul Road and contribute to appropriate management decisions.

#### **4.1.3 Checklist Surveys and Wildlife Logs**

Noteworthy wildlife sightings are recorded in an on-site wildlife log. These data will be tabulated at the end of each year and included in the Annual Report. Meadowbank and Whale Tail Pit employees are also encouraged to record wildlife sightings on a daily basis. A monthly wildlife report is sent to the GN-DOE along with the Meadowbank wildlife reporting.

#### **4.1.4 Wildlife Monitoring Program**

Agnico Eagle implemented a monitoring program to record on a systematic basis the prevalence of wildlife seen along the road. The program will focus on caribou, muskoxen, bears, wolves, migratory birds, and raptors. The program consists of periodical ground surveys of wildlife observed along the road. It will be increased to twice a week during the caribou migration periods. The survey is a log type of wildlife observation; estimate of numbers, and nearest kilometer marking along the road. The data will be included in the 2020 annual report.

### **4.2 WASTE MANAGEMENT**

Waste management procedures will be in accordance with the practices already in place at the Meadowbank Mine and the Whale Tail Project site. Details of these practices are contained in the approved Meadowbank "Incinerator Waste Management Plan" and "Hazardous Materials Management Plan".

#### **4.3 WATER QUALITY MONITORING**

An undisturbed buffer of at least 31 m between borrow pits and water bodies will be preserved, and best management practices will prevent direct drainage. However, any significant seeps originating from the borrow pits that are likely to reach receiving waters will be sampled and analyzed in accordance with the Water Quality and Flow Monitoring Plan. Any problematic water will be directed away from water bodies, or held if possible. If necessary, silt curtains will be used to control suspended sediments in water seeping from the borrow pits.

#### **4.4 DUST SUPPRESSION**

The amount of dust generated along a road is dependent on the dryness of the road surface, the number of vehicles, weight and speed, and maintenance of the driving surface. Regular grading of the road combined with the addition of granular material to the driving surface will be needed. This will improve road safety and also reduce the amount of dust. Dust will also be mitigated by maintaining posted speed limits.

In areas or times identified by the Agnico Eagle road supervisor as being prone to high dust levels, where safe road visibility is impaired, or in areas where dust deposition is impacting fish habitat and/or water quality, the road supervisor will arrange mitigation measures as appropriate. This could involve actions such as grading of the road surface, placement of new coarser topping, and/or watering of the road surface. However, if there are safety concerns, chemical dust suppressants will be only used as a last resort and only in accordance with the Environmental Guidance for Dust Suppression published by the GN-DoE (GN 2014).

**SECTION 5 • APPLICATION OF INUIT IMPACT AND BENEFIT  
AGREEMENT**

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When carrying out the activities described in this Workplan, Agnico Eagle will comply with the relevant terms and conditions of the Whale Tail Inuit Impact and Benefit Agreement dated June 15, 2017, between Agnico Eagle and the Kivalliq Inuit Association.

**SECTION 6 • RECLAMATION PLAN**

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Agnico Eagle will comply with the approved Whale Tail Interim Closure and Reclamation Plan.