

Appendix 46

Whale Tail Haul Road Management Plan Version 4



AGNICO EAGLE

WHALE TAIL MINE

Whale Tail Haul Road Management Plan

In Accordance with Water License 2AM-WTP1830

Prepared by:
Agnico Eagle Mines Limited – Meadowbank Complex

Version 4
March 2023

EXECUTIVE SUMMARY

Agnico Eagle Mines Limited – Meadowbank Complex (Agnico Eagle) is operating the Whale Tail Mine and Haul Road (Nunavut Impact Review Board (NIRB) Project Certificate No. 008 and Nunavut Water Board (NWB) Type A Water License 2AM-WTP1830), to continue mine operations and milling at Meadowbank Mine.

For the purposes of this document, the Road Management Plan (RMP) applies to the Whale Tail Haul Road from construction through post-closure.

The RMP was prepared as per Part B, conditions 14 of the Whale Tail Type A Water License 2AM-WTP1830. Other plans prepared for the Whale Tail Haul Road include an Emergency Response and Spill Contingency Plan and the Interim Closure and Reclamation Plan.

Land and environmental management in the area of the road are generally governed by the provisions of the Nunavut Land Claims Agreement. A list of the current licences, permits, agreements, authorizations, and approvals for the approved Whale Tail Haul Road are presented. As part of the expansion project, Agnico Eagle proposed to expand the road from 9.6 to 15 m in width, with a bypass bay every 400 m to accommodate a single oversized vehicle along the approved 64 km alignment; many of the existing permits, leases and approvals are applied to the haul road.

The Whale Tail Haul Road will not be publicly accessible rather only used by Agnico Eagle employees and contractors; furthermore, it will continue to be used by the exploration division. Agnico Eagle will educate all its employees and those of its contractors on road safety before they first drive on the road. Daily traffic on the road will transport ore to the Meadowbank Mill, equipment, supplies, fuel and personnel.

The RMP presents mitigation measures and protocols to be implemented during the operations to protect wildlife, prevent permafrost degradation, control surface runoff and sedimentation. Agnico Eagle has put in place operational procedures for daily operation and maintenance of the road including, if deemed necessary, dust suppression, snow removal and de-icing. Unmanned but properly identified entry points are installed at both ends of the road. There will be occasions when access to the Haul Road needs to be curtailed for short time periods for special reasons, such as bad weather, unsafe road conditions, maintenance activity on the road, heavy project related truck traffic, movement of oversized loads, and/or presence of large numbers of caribou or other wildlife incidences on or adjacent to the road. The road could also be temporarily closed in the event of an incident, accident or other event requiring mitigation or response. Typically, these short-term closures will be required to ensure safety.

Protocols for accidents and anticipated use of police services are presented. Agnico Eagle has an established Emergency Response Team based at the Meadowbank Mine with trained first responders based at the Whale Tail Mine site whose combined responsibilities in part will

include responding to emergencies on the road in a timely manner. Agnico Eagle will also report all reportable scale incidents to the appropriate Government authority.

The Whale Tail Road will be decommissioned and reclaimed by Agnico Eagle when operations at Whale Tail Mine cease and when exploration on the Amaruq property fails to find sufficient ore resources to support mining. Closure and reclamation of the road should be initiated following the completion of post-closure monitoring activities, once maintenance and monitoring requirements at the Project site are anticipated to be minor.

This Plan will be updated as required to reflect any changes in operation or economic feasibility, and to incorporate new information or the latest technology, as appropriate.

IMPLEMENTATION SCHEDULE

This Plan will be implemented immediately.

DISTRIBUTION LIST

Agnico Eagle - Health & Safety Superintendent

Agnico Eagle - Environment & Critical Infrastructures Superintendent

Agnico Eagle - Energy and Infrastructure Superintendent

Agnico Eagle - Security Officer

Agnico Eagle - Mine Superintendent

Agnico Eagle - Mine General Manager

Agnico Eagle - WTHR Dispatch

DOCUMENT CONTROL

Version	Date	Section	Page	Revision
WT	June 15, 2016	All	All	Whale Tail Pit Haul Road Management Plan
1	August 2018	All	All	Comprehensive review of the Whale Tail Pit Haul Road Management Plan
2_NIRB	December 2018	All	All	Whale Tail Pit Haul Road Management Plan as Supporting Document submitted to the Nunavut Impact Review Board for review and approval as part of Whale Tail Pit – Expansion Project
2_NWB	April 2019	All	All	Whale Tail Pit Haul Road Management Plan as Supporting Document submitted to the Nunavut Water Board for review and approval as part of Whale Tail Pit – Expansion Project
2	March 2019	All	All	Comprehensive review following road expansion completed
3	April 2020	7.7.4	19	Revised to comply with commitment made in response to GN-FWS-06 and Public Hearing Exhibit 77 – part of the NIRB Review Process for the Expansion Project.
		All	All	Reference to the previous licence
		1.1	1	Project description as the expansion project was approved
4	March 2023	5.1	Table 5.1	Updated status from borrowed pits/quarries
		7.3	23	Updated water use for dust suppression
		10	31	Updated the section to reflect the TEMP

Plan prepared by:

Agnico Eagle Mines Limited

Approved by :



Eric Haley

Superintendent Environment & Critical Infrastructures

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ACRONYMS

Agnico Eagle	Agnico Eagle Mines Limited
ARD/ML	Acid Rock Drainage/Metal Leaching
ATV	All-Terrain Vehicle
CCME	Canadian Council of Ministers of the Environment
CIRNAC	Crown-Indigenous Relations and Northern Affairs Canada
CLARC	Community Lands and Resources Committee
DFO	Fisheries and Oceans Canada
FEIS	Final Environmental Impact Statement
GN	Government of Nunavut
HTO	Hunters and Trappers' Organization
IOL	Inuit Owned Lands
KivIA	Kivalliq Inuit Association
MDMER	Metal and Diamond Mining Effluent Regulations
NIRB	Nunavut Impact Review Board
NLCA	Nunavut Land Claims Agreement
NTI	Nunavut Tunngavik Incorporated
NPC	Nunavut Planning Commission
NU	Nunavut
NWB	Nunavut Water Board
RCMP	Royal Canadian Mounted Police
RMP	Road Management Plan
TEMP	Terrestrial Ecosystem Management Plan
TSF	Tailings Storage Facilities
VEC	Valued Ecosystem Components
VESC	Valued Economic and Social Components

1. INTRODUCTION

1.1. Project Description

Agnico Eagle Mines Limited – Meadowbank Complex (Agnico Eagle) is operating the Whale Tail Mine and Haul Road (Nunavut Impact Review Board (NIRB) Project Certificate No. 008 and Nunavut Water Board (NWB) Type A Water License 2AM-WTP1830), to continue mine operations and milling at Meadowbank Mine.

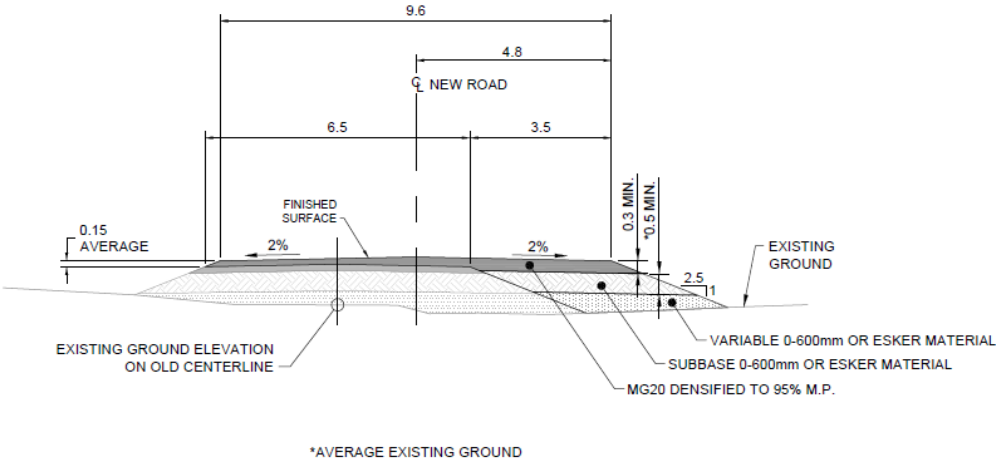
The Amaruq property is a 408 square kilometre (km²) site located on Inuit Owned Land approximately 150 kilometres (km) north of the hamlet of Baker Lake and approximately 50 km northwest of Meadowbank Mine in the Kivalliq Region of Nunavut. The deposit is mined as two open pits (i.e., Whale Tail Pit and IVR Pit) and underground operations, and ore is hauled to the approved infrastructure at Meadowbank Mine for milling.

For the purposes of this document, the Road Management Plan (RMP) applies to the Whale Tail Haul Road from construction through post-closure.

As per the Water Licence, Agnico Eagle is authorized to widen the road from 9.5 to 15m. These modifications are to ensure safe passage of haul trucks and include a bypass bay approximately every 400m depending on the topography and safety considerations to accommodate a single oversized vehicle along the approved 64 km alignment. All bridges from the 9m wide road continue to be used and culverts will be extended to accommodate the hauling of ore from the Whale Tail mine to the Meadowbank Mill (refer to Figure 1.2). The bridges and round culverts allow normal river and stream flow, and fish migration at road water crossings.

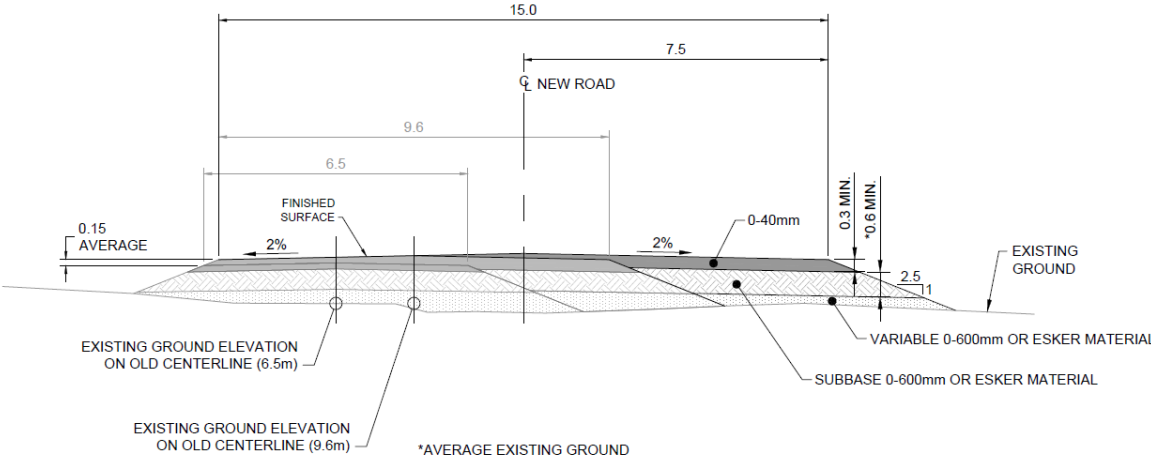
Any expansion to the Haul Road requires the use of approved quarries, approved borrow areas, associated short spur roads and Vault Pit as a Quarry. The haul road is private and located on Crown Land and Inuit Owned Land. Figures 1.1 and 1.2 are cross sectional views of the current 9.6 m and proposed 15m wide roads.

Figure 1-1 Cross section view of the current 9.6 m Whale Tail Haul Road



TYPICAL SECTION TYPE 1
ROC SOIL
(SEE NOTE 3)
HOR. 1:100
VERT. 1:100

Figure 1-2 Cross section view of the 15m Whale Tail Haul Road

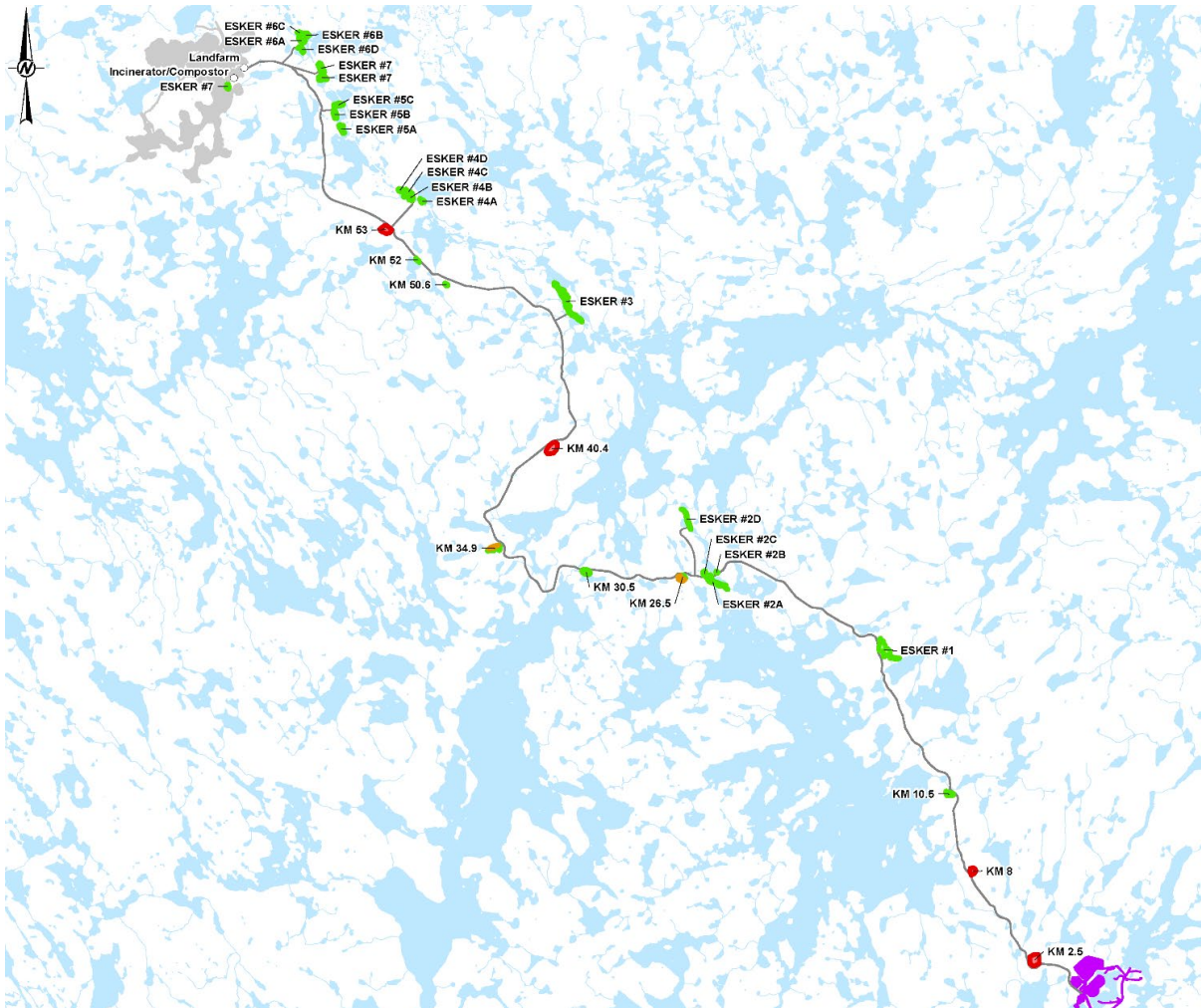


TYPICAL SECTION TYPE 1
ROC SOIL
(SEE NOTE 3)
HOR. 1:100
VERT. 1:100

The routing of the Whale Tail Road is shown on Figure 1.3.

The road is being constructed, inspected, and maintained by Agnico Eagle. Consequently, Agnico Eagle has sole responsibility for the construction, operation, and decommissioning of this road, including the roadbed, bridges, culverts, borrow pits and quarries used in the construction of the road.

Figure 1-3 Whale Tail Haul Road and location of existing and proposed borrow pits and quarries



2. RELATED DOCUMENTS

The specific plans that provided input to the Road Management Plan (RMP) and that are cited throughout this plan include the following:

- Emergency Response Plan;
- Spill Contingency Plan;
- Terrestrial Ecosystem Management Plan; and
- Interim Whale Tail Pit Closure and Reclamation Plan.

The RMP is in effect for the construction and expansion, operation, and closure phases of the road. It will also be in effect during any periods of temporary closure of the Whale Tail Haul Road.

3. CONSULTATION

Public consultation and engagement is a legal requirement in Nunavut, an industry best practice, and an important corporate commitment. Effective public consultation and engagement helps ensure that community members are informed and knowledgeable about proposed projects, that community support for those projects is more readily obtained, and sustainable development goals are achieved. A key goal of Agnico Eagle's public consultation and engagement program has been to ensure the Company obtains a "social licence to operate", by securing the support of a majority of residents from potentially impacted local communities.

To obtain this goal, a number of process goals have been followed:

- Identification and prioritization of communities and community stakeholder groups;
- Developing an understanding of key community and stakeholder views regarding the Project;
- Addressing community and stakeholder issues and expectations;
- Identifying current and historical patterns of land- and resource-use;
- Identifying VECs and VSECs;
- Determining criteria for evaluating the significance of potential impacts;
- Deciding upon mitigating measures;
- Formulating compensation packages where necessary;
- Identifying and implementing monitoring measures, including post-project audits; and
- Continuous improvement.

Since operation of the Meadowbank Mine began, Agnico Eagle has continued public consultation by meeting with employees, especially local employees that live throughout the Kivalliq, meeting in the communities with local stakeholders and regulatory agencies which has allowed a better general understanding of the rights, interests, values, aspirations, and concerns of the potentially affected stakeholders, with particular reference to the local population. Through this continued consultation Agnico Eagle has developed an operational culture that recognizes and respects these relevant interests in the planning and executing processes. A record of consultation that included the Whale Tail Haul Road is provided in Volume 2 of the FEIS, Table 2-H (Agnico Eagle, 2016a). Agnico Eagle has and will continue to engage with regulatory agencies, the KivIA and other stakeholders.

3.1 Road Use by Nunavummiut and Other Developers

The Whale Tail Haul Road is a private road used solely by Agnico Eagle and its contractors. Agnico Eagle intends to keep the road closed for public use at this time. This is mainly due to the fact that the road is not entirely accessible from Baker Lake as there is restricted use near the Meadowbank mine site, which bisects the road. Communication protocols to this effect are detailed in section 6.4. Agnico Eagle is unaware of any possible future

developments in the vicinity of the Meadowbank Mine and Whale Tail Mine that could use the road.

However, it is Agnico Eagle's responsibility to decommission and reclaim the road once its activities in the area are completed. For a third party to take over the road(s), that third party would have to complete its own arrangements with the land owners (KivIA and Crown) and then complete its own environmental screening/assessment and permitting process covering future use. Agnico Eagle does not own the land on which the access road is constructed on and, thus, cannot transfer future ownership or use privileges to any third party. Agnico Eagle must complete its obligation to decommission and reclaim the road unless directed otherwise by a combination of the landowners and other regulatory agencies who issued permits/authorizations for it.

4. MEASURES TO PREVENT PERMAFROST DEGRADATION

The Whale Tail Haul Road has been designed with a minimum fill thickness to maintain permafrost conditions within the subgrade soils.

Mitigation and environmental design features to reduce the potential for permafrost degradation are as follows:

- The road alignment avoids, where possible, fine-grained, poorly drained, ice-rich, frost susceptible soil conditions due to susceptibility to thaw related settlement;
- Regions of high ground relief (higher elevations) were sought to provide better drainage conditions, to minimize the potential for snow drifting on the road and to avoid organic depressions and/or other poor ground conditions, which are more abundant in the low lying areas;
- Road fill material will be placed directly over the existing soil layer without cutting, stripping, or grubbing to avoid disturbing the subgrade soils;
- Only thick drifted snow will be removed before the road fills are placed;
- Road fill used will be dependent on the underlying ground conditions; these are:
 - Soils very susceptible to freeze and thaw induced settlement where thawing of the near-surface sub-grade is expected to result in significant strength loss and excessive settlements. The road fill thickness in this situation will be a minimum of 1 m plus sub-base¹, and will employ the use of geogrids, woven geotextiles and expanded polystyrene to protect the soil (see figure 4.1 for details);
 - Soils relatively susceptible to freeze and thaw induced settlement where thawing of the near-surface sub-grade is expected to result in significant strength loss and excessive settlements. Where appropriate, the road fill thickness in this situation will be a minimum of 1.5 metres plus sub-base and may also employ the use of geogrids and woven geotextiles over the soil (see figures 4.2 and 4.3 for details); and
 - Soils relatively unsusceptible to freeze and thaw settlement where thawing of the near-surface sub-grade is expected to result in minimal strength loss and tolerable settlements. In this situation the thickness of the roadbed will be a minimum of 0.9 metres plus subbase (see figure 4.4 and 4.5 for details).
- To prevent thawing of subgrade soils, to the greatest extent possible the road will be constructed in the winter when the subgrade soils are frozen.

The haul road, the road and its shoulders will be inspected weekly (at a minimum) during the summer period for evidence of seasonal freeze and thaw adjacent to the toe of the road embankment. Such movements are expected and may lead to longitudinal cracking and thaw

¹ The thickness of the sub-base will be variable and will in part be dependent on the topography of the ground surface where the road is to be constructed.

settlement especially for portions of the road founded on thaw susceptible (ice rich) soils. When such areas are discovered, the affected area will be repaired using granular material obtained from a borrow pit. Agnico Eagle will maintain stockpiles of such material in select borrow pits that will remain open following completion of the road.

Figure 4-1 Typical cross-section of 9.6m Haul road on ice wedge and very thaw susceptible soil

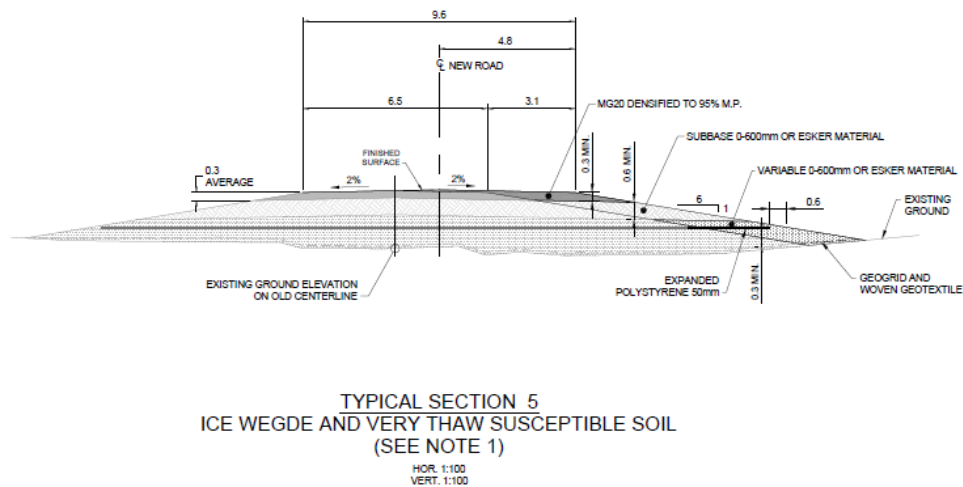


Figure 4-2 Typical Cross-section of 9.6m Haul road built over thaw susceptible soil

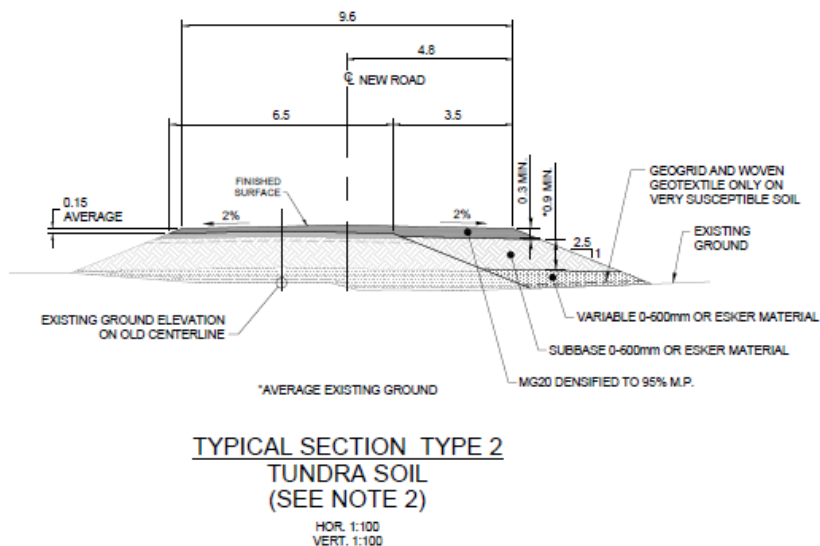
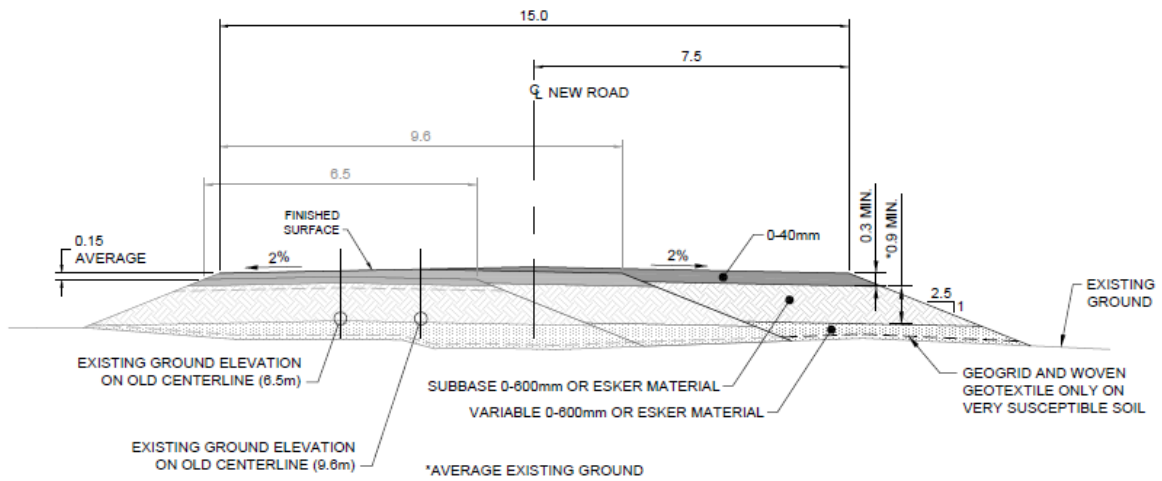


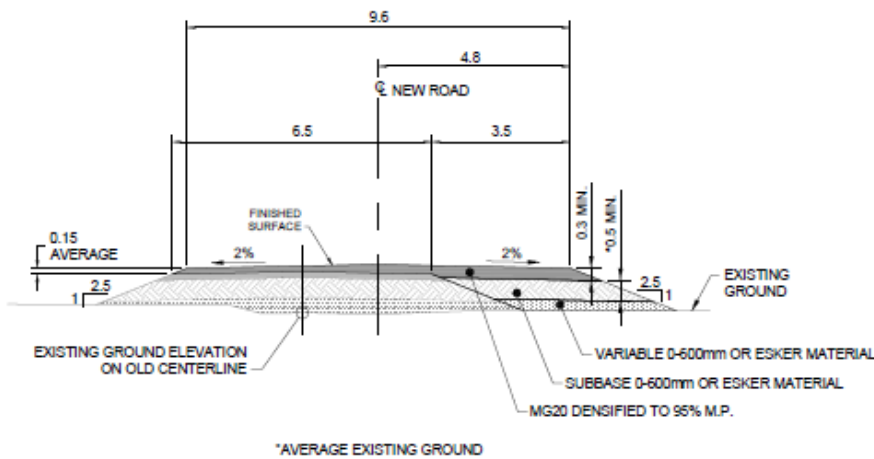
Figure 4-3 Typical Cross-section of 15m Haul road built over thaw susceptible soil



TYPICAL SECTION TYPE 2
TUNDRA SOIL
(SEE NOTE 2)

HOR. 1:100
VERT. 1:100

Figure 4-4 Typical section of 9.6m Haul road built over soil relatively unsusceptible to freeze and thaw settlement



TYPICAL SECTION TYPE 3
ROC SOIL
(SEE NOTE 3)

HOR. 1:100
VERT. 1:100

5. BORROW PIT MANAGEMENT

5.1 Open Pit and Borrow Pit Extraction Methods (including blasting if needed)

Table 5.1 presents the location of the approved borrow and quarry areas that will be used to extract material for the expansion of the Haul Road and for road maintenance. Quarries/eskers will be expanded in depth (and width only if necessary) to obtain the required material. Four new (unpermitted) esker/quarry sites will be needed for the expansion of the haul road.

The excavation and material removal in the eskers will be as follows: ripping frozen borrow area material will be attempted using a dozer. This loosens the material and allows it to be picked up using a loader or a hydraulic shovel. Should this fail, standard drill and blast procedures can be used. The sequence of steps under this circumstance follows that for waste rock from the Vault open pit. As for material in quarries, it will be extracted following best management practices for drill and blast procedures.

Table 5.1 Haul Road Borrow Pits, Quarries and Waste Rock Sources for Road Construction and maintenance

Quarry	Esker	Other
Km 2.5 *	Esker 1	Vault
Km 8 *	Esker 2 A	
Km 10.5	Esker 2 B	
Km 17	Esker 2 C	
Km 26.5	Esker 3	
Km 30.5	Esker 4	
Km 34.9	Esker 5	
Km 40.4 **	Esker 6	
Km 50.6	Esker 7	
Km 52		
Km 53 **		

*Still waiting for approval

** Approved under FEIS

Approved ammonia management procedures at the Meadowbank and Whale Tail Mine will be adopted to ensure blasting practices monitor explosive quantities and blast performance to optimize the blasting practices while reducing impacts to nearby water quality from blast residue.

Some rock can be moved to a crusher to produce aggregate of various sizes². Operations in the Vault open pit use explosives to break the rock. The crusher is to be located as far from water as possible and where it is best shielded from the prevailing wind, preferably behind a high wall to reduce the quantity of wind-blown dust and have as much dust as possible fall within the bounds of the borrow pit.

With the onset of winter, ramps will be built to the top of some eskers to obtain access to the borrow pit. The following summer the aggregate material will be allowed to thaw and subsequently be stripped using a dozer or loader. It should be possible to strip two layers over the summer period, each to a depth of approximately one metre. The material will be piled in mounds to allow drainage. Subsequently the mounded material will be easily handled at all times of the year³. If access to the esker borrow pits is delayed, other procedures will be used to access road building materials at all times of the year.

5.2 Borrow Pits Mitigation Measures

The ranking of mitigation options is as follows:

- **Avoidance** – using an alternate site to avoid the adverse effect all together. This is the most desirable;
- **Minimization** – taking actions to minimize and/or contain effects to the maximum extent possible during engineering design, construction, operation and closure;
- **Rectification** – taking actions to rehabilitate or restore the affected environment after the fact; and
- **Compensation** – this is used as a last resort to offset adverse environmental effects. This is the least desirable.

Best management practices will employ the following general mitigation measures for the borrow pits:

- Minimize the surface area of borrow pits;
- Locate borrow pits in well drained areas;
- Maintain a minimal distance of 31 meters between the borrow pits and waterbodies;
- Where possible, maintain the floor of the borrow pits slightly above the elevation of the surrounding area or blast with a sloped floor to drain water naturally to promote natural drainage patterns, to avoid creating ponds, and to prevent permafrost degradation in borrow pits;
- Prevent erosion and sedimentation through appropriate control measures such as silt fences;

² Aggregate will only be produced if it is required in building or maintaining the road.

³ This procedure will be used if time allows.

- Carry out ARD/ML testing and water quality monitoring in support of mitigation measures;
- Protect archeological resources and mitigate as deemed appropriate by GN Cultural and Heritage department;
- Protect predatory mammal denning sites;
- If deemed necessary, maintain air quality through dust control/suppression;
- At the request of the NIRB and local stakeholders, as a safety measure, flag borrow areas and refuelling areas; and
- Use progressive reclamation in closing borrow pits that are no longer needed.

Where mitigation measures are not proving effective, adaptive management will be employed to address shortcomings.

5.3 Acid Rock Drainage and Metal Leaching

Geochemical testing was carried out to assess the chemical composition of the potential building material, its potential to generate acid rock drainage (ARD), and its potential to leach metals into the receiving environment upon exposure to ambient conditions. Sampling and testing prior to use of any borrow pit significantly reduces the risk of ARD/ML. Avoiding the use of undesirable or questionable road building materials ranks this mitigation measure as highly desirable. Testing of materials from newly proposed quarries/eskers to support widening of the Whale Tail Haul Road, maintenance and construction will be completed to confirm their suitability for construction.

During any construction or expansion phase, Agnico Eagle will confirm that the best available road building materials are being used. Moreover, water quality monitoring will be carried out in confirming that the road building materials are not negatively affecting nearby water quality.

5.4 Management of Water Originating from Borrow Pits

While ARD/ML testing is a measure to avoid using questionable road building materials, water quality monitoring of seeps from borrow pits provides information on possible impacts on the environment should the water reach any nearby water bodies. A buffer of at least 31 m of undisturbed land is maintained between borrow pits and water bodies, 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 for a full suite of water quality parameters⁴. All surface runoff during the construction where flow may directly or indirectly enter a water body will be sampled for TSS as per the requirement of Part D, condition 14 of the Water License 2AM-WTP1830.

⁴ Physical Parameters: pH (field and laboratory), temperature (field), alkalinity, bicarbonate, carbonate, electrical conductivity, hardness, hydroxide, ion balance, total dissolved solids, total suspended sediments

Nutrients: NH₄, NO₃, NO₂, PO₄

Major Ions: Ca, Cl, Mg, K, Na, SO₄

Trace Metals: Al, Sb, As, Ba, Be, B, Cd, Cr, Cu, Fe, Pb, Li, Mn, Hg, Mo, Ni, Se, Ag, Sr, Sn, Ti, U, V, Zn

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.

Although erosion is not expected to originate from water flow from borrow pits, any evidence of erosion will be repaired by placing rip-rap over the affected area, and measures will be taken to reduce the velocity of the water with, for example, silt curtains and/or small dikes, as per Part D, condition 12 of the Water License 2AM-WTP1830.

As per the quarry leases requirements (Item 17 of Quarry Permit KVCA15Q02, Item 17 of Quarry Permit KVCA15Q01, and Item 18 of Quarry Permit KVCA18Q01), a water monitoring plan will be prepared for quarries in which explosives are in use. Water will be sampled monthly and analyzed for a full suite of water quality parameters⁴. Prior to the tenth day of each month, a report will be submitted to the KivIA indicating the water quality results. Water results shall be tabulated and compared to applicable CCME and MDMER guidelines.

5.5 Management of Archaeological Resources at Borrow Pits

Borrow pits and quarries identified for material extraction were surveyed for archaeological resources. Areas selected avoid archaeological resources.

If any potential archaeological site is identified during the operation of any borrow pit, work will stop, a professional archaeologist will be consulted, and Culture and Heritage will be informed of the discovery. If an archaeological site or find is confirmed, the quarry/esker or borrow pit will not be developed or the site will be mitigated.

All road construction equipment will remain within the boundaries of the borrow pits to ensure any nearby archaeological site is not inadvertently damaged.

5.6 Ground Ice and Permafrost Protection

The selected borrow pits sites are on well-drained esker deposits. All eskers have positive topography rising above the local setting. These types of granular deposits were selected because they are largely free of ground ice, thereby minimizing possible thaw settlement, which can result in erosion, slumping of side slopes, and an altered landscape that extends beyond the borrow pit.

Should permafrost degradation become evident, the area will be monitored and, if necessary, stabilized by covering the affected land with 1.0 to 1.5 m of granular material. This reclamation effort would allow the permafrost to move up into the material covering the area and stop any further permafrost degradation or prevent further melting of any ground ice. Inspections of borrow pits will continue after their closure at the end of construction.

Any significant seeps originating from the borrow pits as a result of ground ice, permafrost melting, or from precipitation events will be monitored if the water is likely to reach receiving waters⁵.

⁵ Shallow, standing water will not be collected as it poses little risk to the receiving environment.

6. TRAFFIC MANAGEMENT ON THE HAUL ROAD

All ore transportation to the Meadowbank Mill, backhauling of material, and resupply of required fuel, supplies, equipment and workers for the Whale Tail Mine will be transported via the Whale Tail Haul Road. All drivers transporting these materials and personnel will either be Agnico Eagle employees or employees of contractors directly hired by Agnico Eagle. In order to operate vehicles on the haul road, they must possess the Meadowbank certification for the appropriate class of vehicle. Agnico Eagle will educate all its employees and all its contractor's employees on road safety rules during the safety induction training that occurs before they first drive the road. The safety rules⁶ developed for the road will apply to Agnico Eagle employees and Agnico Eagle contractor employees. The Whale Tail Haul Road will be closed for public use.

As required by the NIRB, Agnico will keep traffic monitoring logs. All Agnico Eagle and contractor's vehicles that travel routinely on the road will be equipped with a radio set to the requisite road frequency. Consequently, traffic on the road will always have radio contact with security, and other Agnico Eagle and contractor traffic. This system will be used to report any unusual conditions along the road such as location of other vehicles, presence of wildlife on the roadway, presence of non-Agnico Eagle traffic such as snowmobiles or ATVs crossing the road, any special road conditions, any special weather conditions, etc.

6.1 Intersection of Haul Road with Traditional Land Use Crossings

Two traditional land use crossing locations were identified during IQ/TK workshops and following meetings with the Hunters and Trappers Organization (HTO). A first location has been set at km 127. The crossing design is shown on Figure 6.1. More locations for Traditional Land Use Crossings could be identified in collaboration with the HTO. Haul traffic from the Whale Tail Mine to Meadowbank Mill will have the right-of-way. Traditional land users (i.e. hunters on ATVs or snowmobiles) crossing the Whale Tail Haul Road on identified ramps must yield to Haul Road Traffic; Haul Road Traffic approaching traditional land use crossings must be vigilant of the potential use by ATVs or snowmobiles. Hunters and traditional land users on snowmobiles or ATVs have to stop, look both ways and yield to traffic before crossing the road. Traditional land use marked signs are installed on the haul road to warn haul trucks and other vehicles on the road to ensure users protection and safety of traditional land users on ATVs or snowmobiles.

In addition, slopes along the Haul Road were adjusted to 4:1 when backfill height was higher than 3m to ease wildlife passage. As-built of a portion of the Haul Road built 4:1 is presented in Figure 6.2.

⁶ See the Section 9 for complete details on safety measures proposed for the haul road.

Figure 6-1 Design of traditional land use crossing at km 127

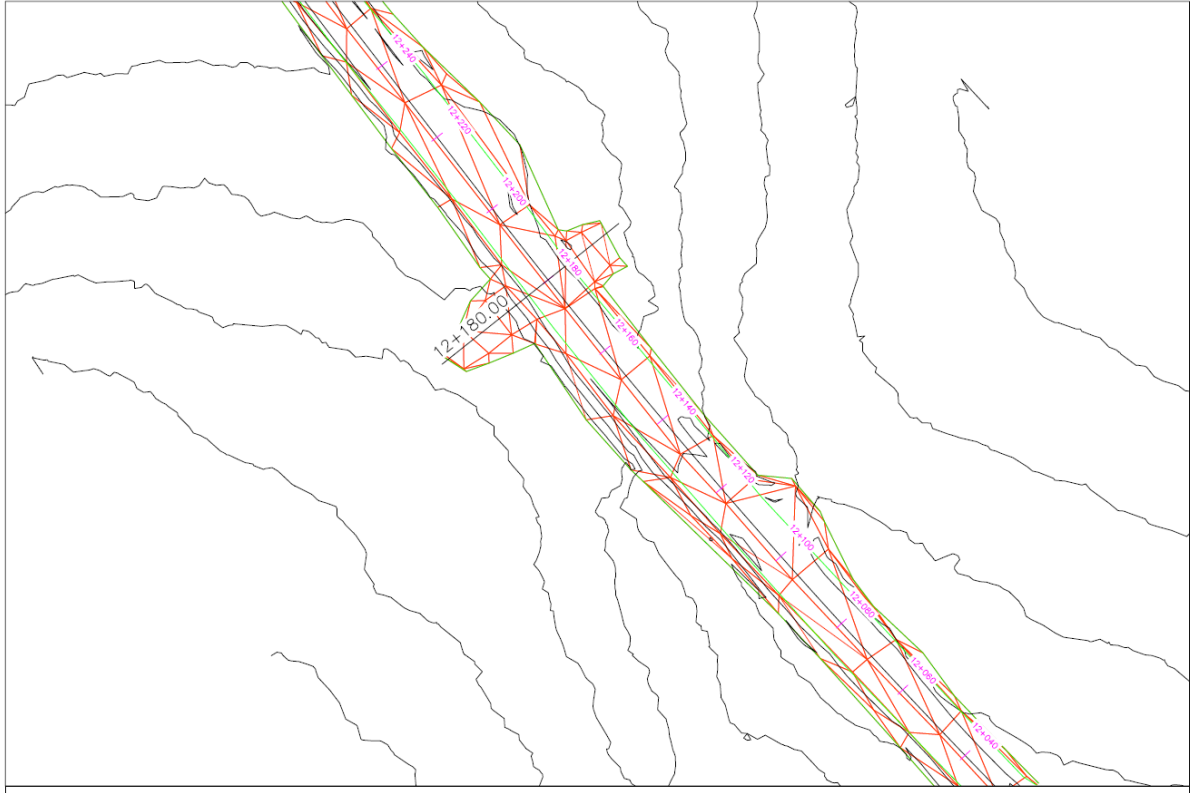
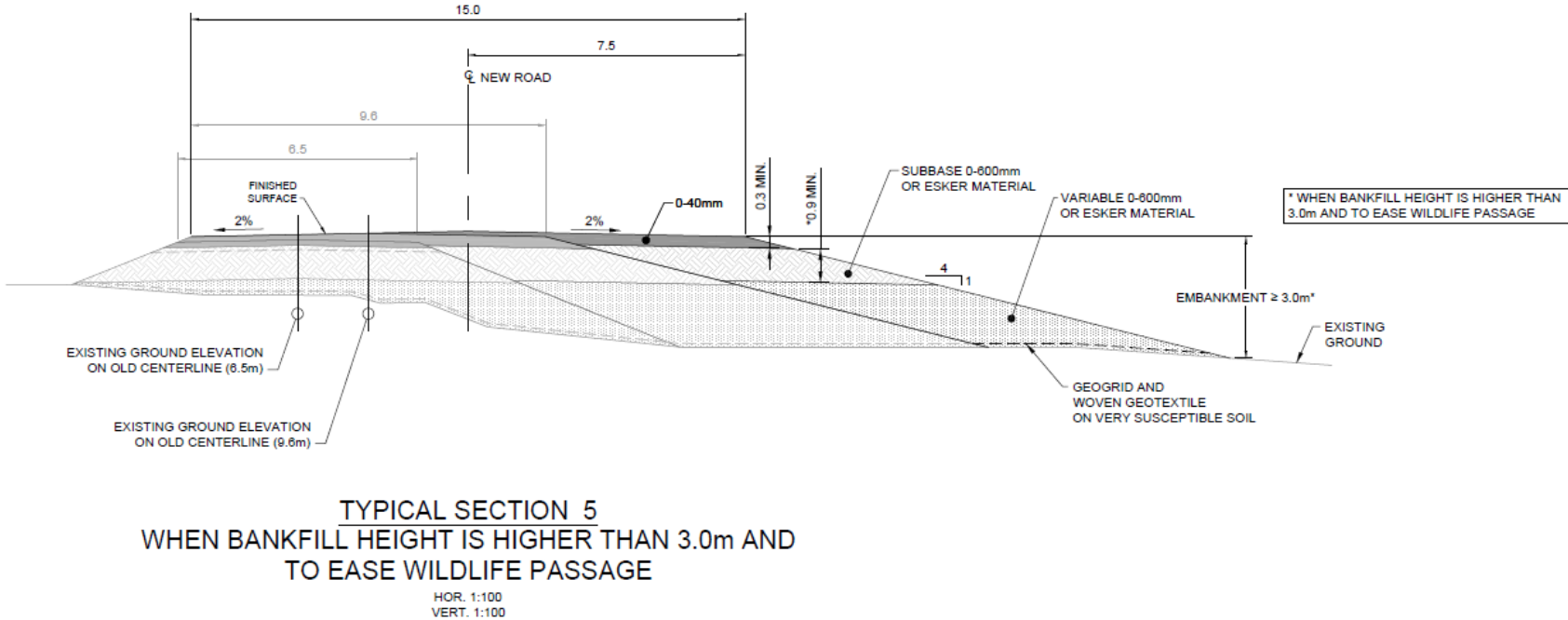


Figure 6-2 As-built of a portion of the Haul Road built with 4:1 slopes



6.2 Other Access Control Procedures

There will be occasions when access to the Whale Tail Haul Road will need to be curtailed for short time periods for special reasons, such as bad weather, unsafe road conditions, maintenance activity on the road, heavy operational related truck traffic, movement of oversized loads, and/or presence of large numbers of caribou on or adjacent to the road. The road could also be temporarily closed in the event of an incident, accident or other event requiring mitigation or response. Typically, these short-term closures will be required to ensure safety. During these times, the Road Dispatch would send a notification and/or advise all employees on the road channel of the road closure.

6.3 Projected Whale Tail Traffic on the Whale Tail Haul Road

The amount of traffic on the road will be continuous and may increase during different periods of the year. This will be highly dependent on the level of activity at the Whale Tail Mine or Exploration camp site and the time of year, such as summer when more traffic can be expected following the arrival of supplies and materials by sea. Weather will also directly influence use of the road (e.g. virtually no traffic is to be expected when the weather is bad).

Agnico Eagle and contractor vehicles expected to use the road will include, but not be limited to, long distance haul trucks, emulsion truck, pick-up trucks, cube vans, cargo trucks, buses, fuel trucks, tractor-trailers, snowplows and graders.

Summer traffic is expected to be moderately higher than winter traffic as more contractual work can be expected over the summer. Hauling ore, backhauling material to Meadowbank, fuel deliveries and passenger van/bus traffic are not expected to vary a great deal between winter and summer.

6.4 Public Communication Protocol Regarding Road Use and Safety

Agnico Eagle will, during the yearly Meadowbank-Whale Tail road meeting in Baker Lake, remind the public of the required actions for Haul Road use and safety. Items to be discussed will include:

- prohibited use of the Haul Road by the public;
- risk and safety practices for using the road if land users find themselves on the road;
- expected actions for safely using the land use crossings; and
- protocol for road closure and such as for maintenance.⁷

⁷ In compliance with Exhibit 77 filed during the Whale Tail Expansion NIRB Public Hearing and response to GN-FWS-06.

7. INSPECTION AND MAINTENANCE OF THE WHALE TAIL HAUL ROAD

Inspection precedes maintenance of the haul road. Agnico Eagle recognizes that a good inspection program leads to the early identification of areas of the road where improvements are necessary. As per best practice management, the early resolution of any deficiencies results in less ongoing maintenance and repair of the driving surface and to water crossings.

Agnico Eagle has sole responsibility for the ongoing inspection and maintenance of all the components of the road, including the roadbed, bridges, circular corrugated culverts, and the borrow pits used in the construction, expansion, and maintenance of the road. Agnico Eagle will apply the experience that it has gained from the ongoing operation of the Meadowbank All-weather access Road, which has now been in operation since 2010. This experience is used in the planning of the day-to-day operation, inspection, and maintenance of the Whale Tail Haul Road. Agnico Eagle has a road supervisor who is responsible for the ongoing road inspection and maintenance of the road.

The road supervisor conducts periodic inspections (minimally on a weekly basis) of the road to ensure that the road is maintained for safe travel of personnel, equipment, and supplies. The Environment Department also conducts weekly inspection of the road. These inspections are recorded, and any deficiency is recorded and followed up by a corrective plan. These periodic inspections include an inspection of the bridge abutments and a visual observation of the road surfaces to assess the status of the road's foundation.

During the summer period, the road surface is maintained with gravel being spread as required and regular grading of the road. In the fall, winter, and springtime the maintenance is adjusted according to the weather conditions. Snow clearing along the road is done to ensure that the road can be operated safely. The manner in which the snow is cleared also takes into account the road configuration to ensure that snow accumulation will not cause any particular problem during the freshet. Particular attention is put on clearing adequately water crossings along the haul road to ensure proper flow and avoid blockage at freshet.

The entire road is inspected for signs of accumulation of ponded water either on the road surface or along the sides of the road. Where noticed, the Agnico Eagle road supervisor will evaluate and monitor the accumulation to determine why water is accumulating in these areas. Based on these evaluations and to avoid erosion or washing out of the road, the road supervisor will take remedial action where and when necessary to correct the cause of such ponding, such as grading of the road surface to remove areas of ponding or installation of additional culverts if the road is causing excessive water ponding.

7.1 Watercourse Crossings Inspections and Maintenance

The watercourse crossing inspection and maintenance program has three main components:

- A regular inspection program to identify issues relating to watercourse crossings, such as structural integrity and hydraulic function;

- An event inspection program to track the impacts of large storm events on watercourse crossings, such as structural integrity and hydraulic function; and
- A culvert location inspection program to ensure that pipe or corrugated culverts have been installed in the right location with respect to the watercourse and that their capacity is adequate to ensure that the culvert(s) pass the water under all hydraulic conditions. In most cases for circular, corrugated culverts, they will be installed in multiples at different elevations at each stream crossing to ensure that these culverts can adequately pass normal summer flows as well as spring freshet and heavy rainfall flows.

7.1.1 Regular Crossing Inspection and Maintenance

Just prior to spring freshet, all culverts and stream crossings will be inspected to confirm that they are in good state to accommodate the rapid spring thaw that is seen in the north. During the freshet period, crossings inspections will be performed daily (mid-May thru June) and weekly during the remainder of the ice-free period prior to fall freeze-up (July through October) by the road supervisor and/or an environmental technician. An annual geotechnical inspection of the road will be conducted by a qualified engineer.

These inspection activities for each watercourse crossing will consist of:

- Visual inspection of its infrastructure to identify defects, cracks or any other risks to structural integrity. Particular attention will be paid to the inlet and outlet structures of culverts, and to bridge abutments and their foundations, as required;
- Visual inspection to identify sediment or other debris accumulation impeding the free flow of water through the crossings. Maintenance operations will consist of hand removal of accumulated debris and repairing damages as soon as possible;
- At the request of DFO, annually during the springtime, inspect flows at the embedded culvert at km 126.1 to ensure small bodied fish passage continues to be possible; and
- Visual inspection of upstream and downstream channel to identify bed erosion or scour around the watercourse crossing structure. Particular attention will be paid to abutments and their foundations as they will be vulnerable to scour and erosion during flood events. Particular attention will also be paid to potential sources of sediment transport at the crossing.

Inspection results will be recorded by Agnico Eagle to help track changes in conditions over time. Maintenance operations will consist of undertaking remediation of any detected problems and repairing damage as soon as possible.

7.1.2 Event Crossing Inspection and Maintenance

Inspection frequency will increase just after heavy or prolonged rainfall storm events. Visual inspection of each watercourse crossing will be completed to identify potential risks to the crossing's structural integrity, debris accumulation and whether erosion and scour have occurred. Water accumulation along the road will also be monitored. Results will be recorded

by Agnico Eagle to help track changes in condition over time. The remediation of any detected problem and any necessary damage repairs will be undertaken as soon as possible, under the direction of Agnico Eagle's road supervisor.

7.1.3 Culvert Location Inspection

Following their installation, the circular, corrugated culvert crossings will be visually inspected to confirm they have been properly executed and installed. The culverts approved for extension with the haul road construction may be installed during winter conditions and thus it is possible that a culvert will not be sited correctly to pass all water through the road, which results in excessive water ponding against the road. The intent is to check for such conditions during the first snow melt and after rain events so that if deemed necessary, adjustments can be made accordingly. Although a conservative estimate of culverts has been installed, if deemed necessary following inspections additional culverts may be installed in locations that may not optimally route water flows.

7.2 Snow Removal and Snow Management

Sections of the road are expected to experience snow drifts because of strong winds over the winter period. As much as possible, this snow will be cleared to the downwind side of the road to limit the wind re-depositing the same snow on the cleared road. Routine spring snow management will include the removal of any snow that accumulates at bridges and culverts so that water at freshet can move freely through the circular culverts, and bridges. In the case of culverts, snow will be removed from both ends but not from the inside.

7.3 Dust Suppression

The amount of dust generated along a road is dependent on the material source used to surface the road, 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 from the eskers 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 sections of the road 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 potentially impacting traditional land use, fish habitat and/or water quality, the road supervisor will arrange mitigation measures as appropriate and as per Part E, condition 11 of the Water Licence 2AM-WTP1830. This could involve actions such as grading the road surface, placement of new coarser topping from eskers, and/or watering/ dust suppressant application of the road surface.

As per Part E, condition 1 of the Water License 2AM-WTP1830, the use of water for dust suppression shall be from Nemo Lake and from ponds along the Whale Tail Haul Road. The water use authorized for dust suppression from the sources proximal to the Whale Tail Haul Road is 109,135 m³ per year. As per Part I, condition 8 (i), the volume of fresh Water obtained

for dust suppressant along the Whale Tail Haul Road will be measured and recorded on a monthly basis in cubic metres or as otherwise stated.

For the Whale Tail Haul Road, management primarily consists of road watering or application of dust suppressants. The implementation of dust mitigation measures is determined by the Road Supervisor and Environment Department based on visibility concerns, or where dust deposition is potentially impacting traditional land uses, fish habitat, and/or water quality. If chemical dust suppressants need to be used it will be done in accordance with the Environmental Guidance for Dust Suppression published by the Government of Nunavut Department of Environment (GN, 2014). Refer to the Air Quality and Dustfall Monitoring Plan for more information regarding dust management

8. ROAD SAFETY

Agnico Eagle security personnel along with Agnico Eagle's road supervisor will monitor activity on the Whale Tail Haul Road through radio contact with drivers on the road, and through periodic patrols of the road. All Agnico Eagle and contractor vehicles that routinely travel on the road will be equipped with a radio set to the requisite road frequency and will notify the road dispatch when they enter and exit the road. Consequently, all traffic on the road will always have radio contact with security and other road traffic. This system will be used to report any unusual conditions along the road such as the location of other Agnico Eagle and contractor vehicles, presence of wildlife on the roadway, presence of snowmobiles, any unsafe practices noticed, any special road conditions, any special weather conditions, etc.

The same safety rules that will apply to all users of the Whale Tail Haul Road, these are, but not limited to:

- Maximum speed limits of 50 km/h;
- Use of seat belts by all drivers and passengers in pickup trucks, haul trucks, etc. is mandatory (bus passengers are an exception);
- Driving under the influence of alcohol or intoxicating drugs is prohibited;
- Wildlife has right-of-way on the road, and no harassment of wildlife is allowed;
- For their safety and protection, traditional land users and hunters are not permitted to drive on the haul road;
- All hunting activity must avoid shooting across the road and should respect a safe shooting distance from the road (1 km)⁸;
- Hunting is not allowed within 1 km of Meadowbank Mining, Whale Tail Mine, and Whale Tail Haul Road;
- Traditional land users (i.e. hunters on ATVs or snowmobiles) crossing the haul road on identified crossing locations must yield to all Haul Road Traffic;
- Haul Road Traffic approaching traditional land use crossings must be vigilant of the potential use by ATVs or snowmobiles to ensure users protection and safety;
- Vehicles are not to park on the travel surface of the road but pull off the road at a safe location such as bypass pullouts to prevent accidents; and
- Signs will be posted warning of an upcoming entry/exit point.

Protocol to communicate these rules of the road to the public is detailed in section 6.4.

⁸ Winter travel between Gjoa Haven and Baker Lake may occur, which could lead to the road being crossed by ATVs or snowmobiles. Agnico Eagle will work with local hunters to ensure the preferred snowmobile crossing areas are well identified for both hunters and operators on the road.

8.1 Road Signage

Appropriate road signs along the road in both English and Inuktitut are installed. Typically, signs advise drivers of the posted speed limit, of approaching bridges, of approaching curves, traditional land use crossings, and/or areas of lower visibility (blind hills or obstructed curves).

English and Inuktitut signs are posted at the eastern and western ends of the road, at an appropriate mid-point to advise road operators that they are in a potentially hazardous area due to the presence of truck traffic.

Speed limit signs are posted at the entrances of the WTHR and before every bridge. Reflective flags were installed along one side of the road to help drivers identify the road shoulder during blizzard, white out conditions or dense fog. Typically, these flags are black in colour to help them stand out in white-out conditions, and are nominally set at intervals of 50 to 100 m apart. Kilometre markers are posted at intervals of 1 km along the road.

A list of road signage is presented in Table 8-1.

Table 8.1. Road Signage

Element	Approximate Location
Safety precautions and users advice	At the eastern and western ends of the road, and at an appropriate mid-point along the road
Blind hill	200 m ahead of the beginning of a blind hill
Speed limit	Entrances of the road and before every bridge
Curve	200 m ahead of a curve
Bridge announcement	200 m ahead of a bridge
Bridge side sign	On each side of the bridge
Traditional Land use crossing signs	At the crossing approach for haul road operators
Road Markers or flexible delineators (flags)	Nominally at 50 to 100m intervals
Kilometres markers	Nominally at 1 km intervals

8.2 Policing of Road Safety Rules

As a privately operated road, responsibility for “policing” will not fall under the Royal Canadian Mounted Police (RCMP). Responsibility for all operating and maintenance activity on the road will rest solely with Agnico Eagle. All Agnico Eagle employees and its contractors who will use the road will be required to take road safety training before being allowed to venture out on the road. Further, Agnico Eagle will concentrate on maintaining awareness among Agnico Eagle employees and contractors on the safe use of the road.

Agnico Eagle will use its road supervisor and site security to monitor what is occurring on the road. They will monitor activity on the road through periodic patrols of the road, and in conversation with drivers on the road at the time. Agnico Eagle will monitor speed limit infractions by direct observation of drivers seen to be driving too fast and by calculating the time to travel from one site to another since all road users must register with the road dispatch to enter and exit the road. Agnico Eagle will also rely on radio contact with all company and contractor vehicles on the road to monitor unsafe conditions or activity. Agnico Eagle does not have any special policing powers and cannot issue tickets or use other methods to address unsafe operation. Agnico Eagle can record unsafe practices, warn the person causing the infraction, and in severe or repeated cases of violation, in collaboration with the RCMP, will remove all privileges for future access to the road by an offending driver or hunter.

Regulatory inspectors can inspect the road and any associated infrastructure at will. Agnico Eagle will abide with the recommendations and directives provided by the inspectors.

However, it is worth noting that the *Criminal Code* of Canada applies to private roads. For example, if an accident were to occur on a road and alcohol was involved, that person could be charged by the RCMP.

9. ACCIDENTS, SPILLS, MALFUNCTIONS AND EMERGENCY RESPONSE

Emergency response is reactive, while prevention reduces the frequency of emergency responses. Agnico Eagle's emphasis will be on prevention, while at the same time keeping resources close at hand in order to respond to emergencies on the road in a timely manner.

Three possible causes of road emergencies are the road, vehicles, and people. The interplay of these three elements leads to either safe use of the road or emergency responses. Agnico Eagle is fully responsible for the design, construction and maintenance of the road. Agnico Eagle will ensure that its vehicles and those of the contractors are in good working order before they venture out on the road. As well, Agnico Eagle will train its employees and contractors on road safety.

Agnico Eagle will lead by example in road safety. Agnico Eagle will train road users in road safety, shaping good driving practices and influencing behaviour on the road. Emphasis will be placed on the use of seat belts; observing posted speed limits; improving visibility for others by wearing reflective clothing at all times; dealing with driver inexperience, etc.

In urgent circumstances and where appropriate, Whale Tail Mine operations will request assistance from other parties at the Meadowbank mine or in Baker Lake. However, based on Agnico Eagle's experience with the Meadowbank access and haul roads, Agnico Eagle does not believe that its Whale Tail Haul Road will result in any increased demand on local public service providers (i.e., fire, police, ambulance, medical, and maintenance) in Baker Lake.

9.1 Accidents and Malfunctions

There will be accidents and malfunctions that will occur on this road. Such unfortunate events are inevitable, no matter how much effort is devoted to preventing them. However, mitigation measures and response plans will be developed and applied to reduce the frequency and severity of such events. The types of events considered likely are as follows:

- Vehicle collisions that may result in personal injury and spillage of potential harmful materials such as fuel, lubricating fluids, antifreeze, etc.;
- Contact between vehicles and wildlife that may result in harm to wildlife, personal injury and spillage of potentially harmful materials, etc.;
- Single-vehicle accidents that may result in personal injury and spillage of potentially harmful materials;
- Risk of people getting stuck on the road in bad weather such as in heavy snow or whiteout conditions, or due to mechanical breakdown; and
- Spills of harmful materials onto the land or into water.

In effort to prevent these occurrences, the road will be closed under poor weather or road conditions. Furthermore, to improve the response in the event of an incident or accident, emergency responders will be available at Meadowbank and the Whale Tail sites. Emergency spill response sea can are currently in place along the Whale Tail Haul Road at Km 118, 125.5,

134, Km 147 and 159 between Whale Tail and Meadowbank. Those sea cans will always be fully stocked with emergency response equipment and the road supervisor will have an emergency spill response kit in their vehicle.

All employees will be responsible to report, mitigate and clean up small spills. In the case of a larger spill, spill response will be implemented by the ERT and the environmental staff, who will advise, document, and report on initial response and clean-up actions. The Spill Contingency Plan will be activated in responding to a spill, as per Part H, condition 1 of Water License 2AM-WTP1830.

Agnico Eagle emergency response team (ERT) personnel are tasked with responding to any vehicle accident resulting in personal injury or spillage of harmful material. Agnico Eagle will initiate extraction and transport to medical assistance at Whale Tail or the Meadowbank mine. In the event of serious injuries, the person or persons will be evacuated by air to the Baker Lake medical centre or a Winnipeg medical facility. The procedures in place in the Risk Management and Emergency Response Plan will be followed, as per Part H, condition 1 of Water License 2AM-WTP1830.

Agnico Eagle will report all reportable scale incidents to the appropriate Government authority (e.g., Mines Inspector, RCMP, Nunavut Water Board (NWB), NU Spill Line, Environment and Climate Change Canada, GN Department of Environment, Fisheries and Oceans Canada (DFO), KivIA and Hamlet of Baker Lake).

The following actions are to be taken in the event of an accident on the road (including snowmobiles):

- Check the condition of people involved in the accident and provide immediate first aid if appropriate;
- Call the road or Mine Operations dispatch by radio and report the location and nature of the accident and indicate the type of assistance required (medical help, environmental cleanup, fire and/or mechanical help);
- Secure the accident site so that the vehicles do not continue to present a hazard to others. This may involve moving the vehicles to the nearest pull off in the event of a minor accident, or blocking off the road in both directions in the event of a more serious accident; and
- If safe to do so, secure the site to prevent continued spill or leakage of contaminants into the surrounding environment.

Upon receiving the accident call, the road dispatch will initiate the emergency response procedure passing along the information to the emergency response coordinator. The emergency response coordinator will then call out the required emergency response personnel to assist at the accident site.

Once the accident site is secured and all people requiring assistance have been removed to medical care, the emergency coordinator will turn the scene over to the Meadowbank or

Whale Tail Mine safety personnel so that an appropriate accident investigation can be initiated.

In the event of an incident involving contact with wildlife, the road dispatch will notify the site security personnel and the environmental representatives. Security and the site environmental team will then initiate an appropriate accident investigation. The Environmental Department will ensure that appropriate reporting of such incidents is made on a timely basis to the KivIA, the Baker Lake HTO, and the GN Conservation Officer in Baker Lake. Any animal carcasses will be removed from the scene of the accident and will be incinerated or delivered to the GN officer.

In the event of a serious accident, the RCMP will be contacted and advised of the incident. The RCMP will then decide on whether they will become involved or take the lead on any subsequent accident investigation.

10. WILDLIFE MANAGEMENT

Wildlife is expected to occasionally be observed on or immediately next to the road. Caribou and other wildlife will have the right-of-way at all times. Project workers and contractors are required to notify the Environment Department of wildlife observations or incidents as soon as possible. After being notified, the environmental department will manage the situation if necessary and apply the appropriate mitigation measures, as per the TEMP.

The Terrestrial Ecosystem Management Plan has been updated to include adaptive management, mitigation, monitoring, and stakeholder engagement for the protection of wildlife habitat, ungulates, predatory mammals, small mammals and birds during the construction, operation and closure of the Whale Tail Haul Road. The monitoring and management program described in the Terrestrial Ecosystem Management Plan will be implemented on the Whale Tail Haul Road, and regularly reviewed and updated per discussions with the Terrestrial Advisory Group which includes representatives from the Government of Nunavut, Kivalliq Inuit Association and the Hunters and Trappers Organization of Baker Lake.

11. CLOSURE AND RECLAMATION

The Whale Tail Haul Road will be decommissioned and reclaimed by Agnico Eagle if exploration on the Amaruq property fails to find sufficient ore resources to support mining, once post-closure monitoring requirements are completed for the Project, or if Agnico Eagle fails to obtain the necessary authorizations to proceed with further mining development. Closure and reclamation of the road should be initiated following the completion of post-closure monitoring activities, once maintenance and monitoring requirements at the Project site are anticipated to be minor.

As mentioned in the Whale Tail Interim Closure and Reclamation Plan (2020), Agnico Eagle has committed to decommission the haul road once the Project reclamation has been completed and the site no longer requires ongoing care and maintenance. However, the community may want the haul road to remain open to allow public access with minimal restrictions. Consequently, Agnico Eagle will continue to operate the haul road as a privately operated road with unrestricted public access for as long as access is required to the Project site. For a third party to take over the road following closure of the project, that third party would have to complete its own arrangements with the landowners (the KivlA and the hamlet), and its own environmental assessment and permitting process covering future use.

Specific details of the reclamation and closure activities are described in the Whale Tail Interim Closure and Reclamation Plan.

Decommissioning of the road will be accomplished by loosening compacted surfaces, flattening side slopes, stabilizing slopes against potential erosion, removing all culverts, and bridges, and other potential obstructions to drainages paths. The objective will be to make the road surface impassable by vehicular traffic by ripping the entire roadbed and removing all bridges and culverts along the route.

The loosening of compacted surfaces will be accomplished by ripping of the roadbed utilizing a dozer with a “ripper” attachment on the back, or by similar technique and equipment. Successive passes with the dozer longitudinally along the roadbed will eliminate the level road surface and make travel difficult. It is anticipated that, in this way, the abandoned road will not be useable by wheeled vehicles (i.e. pick-up trucks). The roadbed may still be useable by ATV or snowmobile and, thus, even after final reclamation, the reclaimed roadbed would offer similar passage as that which currently exists.

Road decommissioning works will be carried out as necessary to stabilize any slopes where potential for slope erosion may exist. Stabilization measures may require pulling back of side-cast fills on locally steep slopes or buttressing and/or re-contouring of steepened out slopes using non-acid generating material.

These measures would also be applicable to borrow pits located adjacent to the roadway that remained open following road construction. As much as practical, deactivated surfaces will be graded to blend with the existing topography.

To the extent practical, the reclamation would also restore the natural pre-road hydrology. Natural drainage courses would be restored primarily through the removal of all culverts and bridges, and through rehabilitation of channels and banks at the crossing sites. Cross-drain structures (cross-ditches) will also be installed where necessary between culvert sites. Where armouring rock (rip-rap) is required, this rock will be non ARD/ML for the protection of aquatic life. Where affected watercourses are fish bearing, the timing of work will have to be restricted to within the designated Fisheries and Oceans Canada fisheries work window. All in-stream works will be carried out using best management practices for erosion and sediment control.

Decommissioning of the road is planned to start from the Whale Tail Road end of the road and progress southeast towards the Meadowbank mine. Stream crossings will be rehabilitated as they are encountered during the progression of the work.

The final details for the decommissioning of the road will be presented in the Final Closure and Reclamation Plan.

11.1 Reclamation of Borrow Pits Sites

All borrow pit sources developed during the construction of the road have been selected to generate only non-acid generating/low metal leaching materials. Water quality monitoring and testing has been undertaken periodically during the construction and operational period of the road to measure the quality of water draining from the open borrow pit sites and from the road base materials.

The borrow pits have been designed with gently sloping walls and for positive drainage wherever possible. With prudent initial design, the borrow pits should require little reclamation following completion of the road. Loose material will be pulled to the floor of the borrow pit and the entrance blocked.

The final details for the reclamation of the borrow pit sites will be presented in the Final Closure and Reclamation Plan.

12. REFERENCES

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