

Appendix 40: 2022 NIRB Project Certificate ConCORDING Table

| T/C No. | Category | Category Specification | Objective | Terms or Conditions | Reporting Requirements | Section Reported in the 2022 Annual Report REVIEWED BY SARA |
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| 1 | Air Quality | Updated Air Quality Monitoring Plan | To define plans for the monitoring of data and mechanisms for response with regard to potential air quality impacts arising from the Project | Prior to commencing construction activities, the Proponent shall update its Air Quality Monitoring Plan, and shall consider installing two real-time air monitoring stations in advance of mining operations. The updated plan shall include, but is not limited to, details regarding the following: a. Description of real-time air monitoring stations including proposed timing of installation, location, and any factors considered with regards to planning for the installation; b. Plans for the collection of total suspended dust samples year round, including sampling for metals content relevant to the Project; c. Description of snowpack surveys and dustfall collectors; d. Description of lichen surveys; e. Identification of near field, far field and reference sites that are located with consideration of ambient wind conditions; f. Baseline data collected prior to significant construction activity; and g. A description of the proposed annual reporting mechanism and response framework. | The updated plan should be submitted to the NIRB at least 90 days prior to the start of construction, with results submitted annually thereafter or as may otherwise be required. | See: • Air Quality Monitoring Plan • 2022 Annual Report, section 7.7.1 and related appendices (2022 Air Quality Monitoring Report) |
| 2 | Air Quality | Emissions monitoring | To provide feedback on Project-related specified emissions | The Proponent shall demonstrate through monitoring of air quality at the aboveground emissions points at the mine site and at the Tiriganiq site that sulphur dioxide (SO2) and nitrous dioxide (NO2) emissions remain within predicted levels and, where applicable, within limits established by all applicable guidelines and regulations. In cases where exceedances occur, the Proponent shall provide an explanation for the exceedance, a description of planned mitigation, and shall conduct additional monitoring to evaluate the effectiveness of mitigative measures. | The Proponent shall report on the development and implementation of this Plan and associated monitoring results annually to the NIRB. The report must clearly identify the parameters being evaluated if the results are being compared to predicted levels set out in the Environmental Impact Statement or limits established by applicable guidelines and regulations. | See: • Air Quality Monitoring Plan • 2022 Annual Report, section 7.7.1 and related appendices (2022 Air Quality Monitoring Report) |
| 3 | Air Quality | Dust management and monitoring plan | To define plans for the monitoring of air quality data, specifically dust deposition arising from the all-weather access road | Prior to commencing construction activities the Proponent shall update its dust management and monitoring plan to address and/or include the following additional items: a. Align plan requirements with commitments made in the FEIS and during the Final Hearing to monitor dust along the all-weather access road and associated roads and trails; b. Verify commitments to the utilization of dust suppressants along the all-weather access road including and associated roads and trails, including a description of the type of suppressant to be utilized, the frequency and timing of applications to be made throughout the various seasons of road use. c. Outline the specific adaptive management measures to be considered should monitoring indicate that dust deposition is higher than predicted, specifically where traffic along the all-weather access road is greater than initially predicted. | The updated plan should be submitted to the NIRB for review and comment at least 60 days prior to commencement of construction activities. | See: • Dust Management Plan • 2022 Annual Report, section 7.7.1 and related appendices (2022 Air Quality Monitoring Report) |
| 4 | Air Quality | Incineration management plan | To ensure incineration activities are designed in a manner that mitigates impacts to air quality | The Proponent shall develop and implement an Incineration Management Plan that takes into consideration the recommendations provided in Environment Canada's Technical Document for Batch Waste Incineration (2010). | The plan should be submitted to the NIRB at least 60 days prior to the commencement of construction activities. | See: • Incineration Management Plan • 2022 Annual Report, section 5.2 • 2022 Stack Testing Report |
| 5 | Air Quality | Stack testing | To mitigate impacts to air quality from incineration activities | The Proponent shall provide all stack testing conducted on temporary or permanent incinerators operated for the Project to the NIRB in the annual report for that year. | Stack test results are to be reported to the NIRB and to Environment Canada annually, or as may otherwise be required. | See: • 2022 Annual Report, section 5.2 & 7.7.1 and related appendix (2022 Stack Testing Report) which state that applicable standards for dioxins and furans were met, as well as for mercury. |
| 6 | Air Quality | Landfill dust suppression | To address potential air quality concerns arising from dust generated at the landfill | The Proponent shall employ appropriate dust suppression measures when conducting activities in the landfill such as topping or capping. | Implementation of these measures shall be reported and discussed in the Proponent's annual report to the NIRB. | See: • Landfill and Waste Management Plan • 2022 Annual Report Section 5.1 |
| 7 | Climate and Meteorology, Climate Change | Greenhouse gas emissions | To provide feedback on Project-related emissions | The Proponent shall provide within its annual report to the NIRB, calculations of greenhouse gas emissions generated by activities at the Tivisa port and other Project sources including mine-related road traffic and aircraft associated with the Project. Calculations shall take into consideration, fuel consumption as measured by the Proponent's purchase and use as well as the fuel use of its contractors and sub-contractors. | Implementation of these measures shall be reported and discussed in the Proponent's annual report to the NIRB. | See: • 2022 Annual Report, section 5.2 & 7.7.1 and related appendix (2022 Stack Testing Report) which state that applicable standards for dioxins and furans were met, as well as for mercury. • 2021 GHGRP and 2021 OBPS was submitted to ECC on June 1st, 2022 and shared with NIRB • 2022 GHGRP and 2022 OBPS will be submitted to ECC by June 1st, 2023 and shared with NIRB |
| 8 | Climate and Meteorology, Climate Change | Inuit participation | To promote public awareness and engagement of affected groups | To actively engage Inuit in initiatives related to climate change, where it is feasible, the Proponent shall endeavour to include the participation of Inuit from affected communities when undertaking climate-change related studies and research. | A summary of consultation and how the information was used to inform planning for the Project shall be provided in the Proponent's annual report to the NIRB. | Term and Condition not applicable in 2022; when climate-change study or research will be conducted, Agnico Eagle will report on it in the related annual report. In previous years, Agnico Eagle engaged community members with the University of Saskatchewan's Tundra Restoration and Natural Recovery Study, however the field and community component of the study were impacted by the COVID-19 restrictions over the past years and the study was completed in 2021 as discussed in the 2021 Annual Report. |
| 9 | Climate and Meteorology, Climate Change | Greenhouse Gas Emissions Reduction Plan | To develop a pro-active approach to limiting greenhouse gas emissions throughout the Project life | Prior to the commencement of operations, the Proponent shall develop a Greenhouse Gas Emissions (GHE) Reduction Plan which includes, but is not limited to: a. An estimate of the Project's GHE baseline emissions; b. A description of monitoring measures to be undertaken, including the methods, frequency, parameters, and a description of data analysis; and c. A description of mitigative and adaptive strategies planned, and taken, toward reducing the Project-related emission of greenhouse gases over the Project's life. | The plan should be submitted to the NIRB at least 90 days prior to the commencement of operations, and unless otherwise determined within the Plan, the reporting of results required by this Plan shall be provided in the Proponent's annual report to the NIRB. | See: • Greenhouse Gas Emissions Reduction Plan • 2022 Annual Report Section 7.7.2 |
| 10 | Noise and Vibration | Noise and Vibration Abatement Plan | To minimize the impact of noise and vibration | The Proponent shall further develop and implement its noise abatement plan to protect people and wildlife from mine activity noise, including, blasting, drilling, equipment, vehicles and aircraft. The noise abatement plan will be developed in consultation with the Government of Nunavut, Environment Canada and Health Canada as appropriate, and at a minimum is to include: a. Restrictions on blasting and drilling when migrating caribou, birds or local carnivores may be affected; b. The establishment of strict standards for noise levels; use of equipment and vehicles with the best noise attenuation devices; c. When practical, the use of fences or berms around noisy machinery or sites; d. Flight corridor restrictions over sensitive areas with known concentrations of wildlife and birds whenever possible; e. Requiring with the exception of take off and approach for landing, a minimum flight altitude of 300 metres above ground level when flights to and from the mine site are passing near sensitive wildlife and bird areas; and f. The incorporation of the use of sound metres to monitor sound levels at locations in and around the mine site and local study area. The location and design of the sound metres shall be selected in consultation with EC and set up immediately upon issuance of the Project Certificate for the purpose of obtaining baseline data, and shall be maintained for data collection during and after operations. | The finalized noise abatement plan should be submitted to the NIRB at least 90 days prior to the commencement of construction, and any subsequent monitoring results required within the Plan shall be provided in the Proponent's annual report to the NIRB. | See: • Noise Abatement and Monitoring Plan • Blast Monitoring Program • Terrestrial Environment and Monitoring Plan (TEMMP) • 2022 Annual Report Section 7.5 and 7.6 and related appendices (2022 Noise Monitoring Report and 2022 Blast Monitoring Report) |
| 11 | Noise and Vibration | Monitoring at accommodations sites | To minimize the impacts of vibration on employees | The Proponent shall conduct noise and vibration monitoring at Project accommodations sites located at the Tiriganiq mine site. Sampling shall be undertaken during the summer and winter months during all phases of Project development, with reporting of results and implementation of associated mitigation measures as necessary reported to the NIRB. | Monitoring results and implementation of these measures shall be reported and discussed in the Proponent's annual report to the NIRB. | See: • Noise Abatement and Monitoring Plan • Blast Monitoring Program • 2022 Annual Report Sections 7.5 and 7.6 and related appendices (2022 Blast Monitoring Report and 2022 Noise Monitoring Report) |
| 12 | Terrestrial Environment | Permafrost and permafrost terrain mapping | To further understanding of baseline conditions and to inform design of Project facilities and mitigate impacts to permafrost | The Proponent shall conduct further permafrost mapping to document permafrost temperature, thickness of seasonal thaw and amount of ground ice in the Project development area, with such information to be available to inform the detailed design of Project infrastructure (i.e., dikes and tailings storage facility designs and tailings ponds for lakes that are to be dewatered or used for saline water storage). | The Proponent shall provide a summary discussion of its implementation of this term and condition as well as the results of mapping to the NIRB through the Proponent's annual monitoring report. | See: • 2022 Annual Report Section 4.19 and related appendices (2022 Annual Geotechnical Inspection) |
| 13 | Terrestrial Environment | Terrain and soils, geotechnical investigations | To assist with design of Project facilities and mitigate impacts to sensitive landforms | The Proponent shall undertake additional geotechnical investigations as required to identify sensitive landforms, modify engineering design for Project infrastructure (i.e., dikes, tailings storage facility, waste rock pile and landfill), and develop and implement preventative and/or mitigation and monitoring measures to minimize the impacts of the Project's activities and infrastructure on sensitive landforms. Plans for the investigations, mitigative and monitoring measures are to be included within an updated Environmental Protection Plan. | The updated plan is to be submitted to the NIRB within 90 days of the issuance of a Project Certificate. Implementation of these measures, updates to the Plan, and monitoring results shall be reported and discussed in the Proponent's annual report to the NIRB. | See: • 2022 Annual Report Section 4.1 and related appendices (2022 Annual Geotechnical Inspection Report, 2022 Annual Geotechnical Report Agnico Eagle Responses and Action Table) • Environmental Management and Protection Plan |
| 14 | Terrestrial Environment | Dike and tailings storage facility design | To ensure Project design features consider thermal analysis and stability | The Proponent is encouraged to conduct more detailed thermal analysis to support detailed design of the dikes and the tailings storage facility, including seepage and stability analysis, and shall incorporate the results of the analysis into Project design. Details of the thermal analyses undertaken are to be provided to the NIRB. | Details are to be provided to the NIRB at least 60 days prior to the commencement of construction, and the results of any required additional reporting shall be submitted to the NIRB through the Proponent's annual monitoring report. | See: • 2022 Annual Report Section 4.1, section 4.4 and related appendices (2022 Annual Geotechnical Inspection, TSF Plans and Sections at the end of 2022) • TSF OMS Manual |
| 15 | Terrestrial Environment | Tailings storage facility design and management | To ensure Project infrastructure integrity is considered and maintained post-closure | The Proponent shall assess the potential environmental effects of a post-closure failure of the geomembrane of the Tailings Storage Facility while tailings are in a thawed state. This assessment shall include, at a minimum: a. A description of the potential environmental effects of such a failure; b. Identification of the monitoring measures employed to detect environmental changes that could result; c. Identification of proposed mitigation measures to address any changes identified during monitoring; and d. Updated Risk Management Plan and Closure and Reclamation Plan reflecting changes which result from the post-closure failure assessment. A summary of the results from this assessment and implications to project infrastructure and operational plans shall be provided to the NIRB. | A summary of the assessment and updated plans should be submitted to the NIRB 6 months following issuance of the Project Certificate and the results of any required additional reporting shall be submitted to the NIRB through the Proponent's annual monitoring report. | See: • Risk Management and Emergency Response Plan • Interim Closure and Reclamation Plan • 2022 Annual Report Section 8.1.1 and related appendices • TSF OMS Manual |
| 16 | Terrestrial Environment | Erosion Management Plan | To ensure appropriate measures for preventing destabilization and erosion of shorelines, stream edges and ensure that diversion channels are maintained | The Proponent shall finalize and implement a comprehensive erosion management plan to prevent or minimize the effects of destabilization and erosion resulting from Project activities. | Finalization of plan, implementation of these measures and monitoring results as well as any subsequent updates to the Plan, shall be reported and discussed in the Proponent's annual report to the NIRB. | See: • Water Management Plan • Sediment and Erosion Management Plan • 2022 Annual Report Section 7.4 |
| 17 | Terrestrial Environment | Permafrost integrity | To ensure that impacts to permafrost and permafrost terrain are minimized through all phases of the Project | The Proponent shall monitor the effects of the Project on permafrost conditions relative to Project infrastructure, including along the all-weather access road and associated roads, waste rock stockpile, trails and quarries. Through its monitoring the Proponent must demonstrate that permafrost integrity is maintained with implementation of appropriate preventative measures should permafrost degradation be observed. | The Proponent shall provide a summary discussion of its implementation of this term and condition, including the results of monitoring or adaptive management strategies, to the NIRB through the Proponent's annual monitoring report. | See: • 2022 Annual Report section 4.1.9 and related appendices (2022 Annual Geotechnical Inspection Report) |

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| 18 | Terrestrial Environment | As-built drawings and final design plans | To ensure the NIRB and public have information available on the Project components to assist in monitoring | The Proponent shall provide the NIRB with copies of as-built drawings and final design plans for Project infrastructure as they are developed/finalized to assist with the Board's ongoing monitoring efforts. | The Proponent shall submit copies of the drawings and final designs as they are completed as well as provide a summary discussion of its implementation of this term and condition to the NIRB through the Proponent's annual monitoring report. | Ongoing, as-built drawings and final design plans for Project infrastructure are being submitted as infrastructure is being built. |
| 19 | Terrestrial Environment | Tailings and waste rock monitoring program | To ensure the integrity of Project infrastructure is maintained, and to establish rigorous safeguards to prevent structural failure | The Proponent shall develop and implement a monitoring program for its Tailings Storage Facility and Waste Rock Storage Facility (including dikes). The monitoring program is to include, but shall not be limited to: a. Plans for monitoring the thermal condition and stability of storage facilities (including deformation of the cover) and dikes, including the use of thermistor cables, temperature loggers, and core sampling technology as required to monitor dike stability and tailings freeboard efficiency, including for example, factors such as ice content and stability; and, b. Measures proposed to ensure the safe containment and structural integrity of Project infrastructure, and to prevent contamination of waterbodies. Details of the monitoring program shall be provided to the NIRB. | Details of the monitoring program should be submitted to the NIRB at least 90 days prior to the establishment of either facility, with subsequent plan revisions or updates submitted annually thereafter. Results of any required reporting shall be submitted to the NIRB through the Proponent's annual monitoring report. | See : •2022 Annual Report Section 4 and related appendices (2022 Annual Geotechnical Inspection) •Mine Waste Management Plan (Section 9) |
| 20 | Terrestrial Environment | Closure and Reclamation Plan | To assist in the re-vegetation of reclaimed areas | The Proponent shall explore the feasibility and practicality of topsoil/organic matter salvage as part of phased approach to Project development, with updates to its Closure and Reclamation Plan to reflect any changes based on this investigation. The Closure and Reclamation Plan should be updated on an on-going basis as more information becomes available from similar reclamation projects, including experience with implementing closure and reclamation plans at the Meadowbank mine site, as applicable. | The updated plan is to be submitted to the NIRB within 6 months of the issuance of the Project Certificate. Implementation of these measures and monitoring results as well as any subsequent updates to the Plan, shall be reported and discussed in the Proponent's annual report to the NIRB. | See : •Interim Closure and Reclamation Plan •2022 Annual Report section 7.9, section 8 and related appendix •2021 Annual Report section 7.9, section 8 and related appendix 2021 Tundra Restoration and Natural Recovery Monitoring Technical Report) |
| 21 | Terrestrial Environment | Waste Management Plan | To ensure permafrost integrity is maintained and that soil contamination is minimized | The Proponent shall update its Waste Management Plan to include details which explain how the design employed for Project landfills is expected to protect the integrity of the local environment, including permafrost integrity, and water quality for adjacent waterbodies. The Proponent shall demonstrate its consideration for the use of liners at waste management facilities, where feasible. | The updated plan is to be submitted to the NIRB at least 90 days prior to operation of Project landfills. Implementation of these measures and monitoring results as well as any subsequent updates to the Plan, shall be reported and discussed in the Proponent's annual report to the NIRB. | See : •Landfill Management Plan •Waste Management Plan •2022 Annual Report Section 5 |
| 22 | Geology (including Geochemistry) | Mine Waste Management Plan | To inform parties on the adaptive management progress made relating to mine waste management | The Proponent shall report annually to the NIRB on the adaptations it has had made to the Mine Waste Management Plan and practices based on results obtained through monitoring. | The Proponent shall provide a summary discussion of its implementation of this term and condition, including the results of monitoring or adaptive management strategies, to the NIRB through the Proponent's annual monitoring report. | See : •Mine Waste Management Plan •2022 Annual Report section 5 |
| 23 | Geology (including Geochemistry) | Mine Waste Management Plan, Discovery Deposit | To mitigate impacts of Acid Rock Generation and Metal Leaching | Prior to the commencement of excavation at the Discovery deposit, the Proponent, in consultation with Natural Resources Canada, shall update its Mine Waste Management Plan to assess the potential for acid rock drainage and to identify any monitoring and mitigation measures that may be required in this development area. | Details of the Plan should be submitted at least 90 days prior to construction at the Discovery deposit, with subsequent plan revisions submitted annually thereafter; if accompanying the Proponent's annual report to the NIRB the document must be separated so as to be directly retrievable via the NIRB's public registry. Results of any required reporting shall be submitted to the NIRB through the Proponent's annual monitoring report. | Not Yet Active/Not Yet Applicable |
| 24 | Hydrogeology and Groundwater Quantity and Quality | Hydraulic data | To collect and analyze additional baseline data to use as baseline to monitor for groundwater quality | Prior to the commencement of excavation at the Discovery deposit, the Proponent, in consultation with Natural Resources Canada, shall update its Mine Waste Management Plan to assess the potential for acid rock drainage and to identify any monitoring and mitigation measures that may be required in this development area. | The Proponent shall provide a summary discussion of its implementation of this term and condition (including the results of monitoring or adaptive management strategies) to the NIRB through the Proponent's annual monitoring report. | See : •Report submitted in Q4, 2016 •Updated reports and/or information being provided to NIRB throughout operations •Mine Waste Management Plan •2022 Annual Report Section 2 |
| 25 | Hydrogeology and Groundwater Quantity and Quality | Groundwater Management Plan/ Adaptive Management Plan | To manage saline groundwater and minimize the impacts to permafrost, soil, surface water, vegetation and wildlife | The Proponent shall submit a detailed Groundwater Management Plan and/or Adaptive Management Plan to the NIRB which includes mitigation measures designed to address the potential for higher-than-predicted volumes of saline water inflows into the underground mine, treatment and disposal methods, and details of its plan to monitor saline water at site prior to disposal through the waterlines to Melvin Bay. The plans must identify uncertainties pertaining to predictions for groundwater quality and quantity and inform adaptive water management strategies for the site which may include the management of saline groundwater and surface contact water, and identifies discrepancies between predicted groundwater inflow from 2014, 2020 and future modelling, as well as between predicted and actual groundwater inflows. Unless specified in the Groundwater Management Plan and/or Adaptive Management Plan, while the dual waterlines are operational, they will be used to their full capacity by managing the release of 6,000 m ³ /day to 12,000 m ³ /day of treated saline effluent and the remainder (8,000 m ³ /day to 14,000 m ³ /day) comprised of surface contact water to a total capacity of 20,000 m ³ /day. a. The Proponent shall minimize or eliminate surface contact water discharges to Meladine Lake by discharging on-site surface contact water in accordance with the Groundwater Management Plan and/or Adaptive Management Plan. b. The Groundwater Management Plan and/or Adaptive Management Plan must set out the guiding principles, normal operating conditions, and the adaptive thresholds for management of water for the waterlines and any other matters as directed by the Board. c. The Proponent shall manage the total daily volumes of water it is authorized to discharge via the dual waterlines into Melvin Bay in accordance with the Groundwater Management Plan and/or Adaptive Management Plan. d. The Proponent shall update the Adaptive Management Plan for NIRB review and acceptance within six months of receiving the amended project certificate. e. The Proponent shall consult KIA, GKD, CIRNAC, ECCC and DFO, with respect to the contents of the Plans and any required adaptive management and mitigation measures. | Updated plans or confirmation that the versions of the Plans already submitted to the Board shall be provided to the NIRB within 90 days of receipt of the amended Project Certificate. Subsequently, the Proponent shall provide a summary discussion of its implementation of this Term and Condition, including the results of monitoring or development and implementation of adaptive management strategies, to the NIRB through the Proponent's annual monitoring report. | See : •Groundwater Management Plan •Adaptive Management Plan •Ocean Discharge Plan •2022 Annual Report Section 3.1.3, 3.1.5, 3.1.6, 3.2.3 and 3.2.4 and related appendices |
| 26 | Hydrogeology and Groundwater Quantity and Quality | Pit refill rates | To assess the flow of groundwater into the lake | The Proponent shall carry out continued analyses over time to confirm and update, accordingly, the approximate fill time for the mine pits as identified in the FES. | The Proponent shall provide a summary discussion of its implementation of this term and condition to the NIRB through the Proponent's annual monitoring report. | See : •Water Management Plan •Groundwater Management Plan |
| 27 | Hydrogeology and Groundwater Quantity and Quality | Aquatics Effects Monitoring Plan | To mitigate potential impacts to surface waters | The Proponent shall update its Aquatic Effects Monitoring Plan (AEMP) to include, at a minimum: a. Details regarding the monitoring of non-point sources of discharge, selection of appropriate reference sites, measures to ensure the collection of adequate baseline data at Meladine Lake prior to and during construction activities, including information on chemical loading in the snowpack, and the mechanisms proposed to monitor for and treat runoff and sediment; b. A description of measures to be undertaken as relate to dustfall monitoring, designed in accordance with the following: i. To establish Phase 1 all-weather access road baseline data and a description of plans for data collection during Project operations for comparison; ii. To facilitate comparison with existing guidelines; iii. To assess the seasonal deposition (rates, quantities) and chemical composition of dust entering aquatic systems along representative distance transects of the all-weather access road and Rankin Inlet by-pass road; c. A description of water quality monitoring to be conducted at Little Meladine Lake; and d. Details regarding comparisons of results to be run against predicted values and the analysis of data to be undertaken on an annual basis, or as may be required. | The Proponent shall provide a summary discussion of its implementation of this term and condition, including the results of monitoring or adaptive management strategies, to the NIRB through the Proponent's annual monitoring report. | See : •AEMP Design Plan •Air Quality Monitoring Plan •2022 Annual Report sections 7.1 and 7.7 related appendices (2022 Aquatic Ecosystem Monitoring Program (AEMP) Report and 2022 Air Quality Monitoring Report) |
| 28 | Hydrogeology and Groundwater Quantity and Quality | Sediment and Erosion Management Plan | To develop appropriate sediment and erosion controls to prevent impacts to surface waters and sediment quality | The Proponent shall develop and implement a sediment and erosion management plan to prevent or minimize the effects of destabilization and erosion that may occur due to Project activities. The plan should also detail sediment control plans to prevent and/or mitigate sediment loading into surface water within the Project area. | The Proponent shall provide a summary discussion of its implementation of the plan, including the results of monitoring or adaptive management strategies, to the NIRB through the Proponent's annual monitoring report. | See : •Water Management Plan •Sediment and Erosion Management Plan •2022 Annual Report Section 7.4 |
| 29 | Hydrogeology and Groundwater Quantity and Quality | Water infrastructure monitoring | To mitigate impacts to natural water flow | The Proponent shall develop and implement adequate monitoring and maintenance procedures to ensure that the culverts and other conduits that may be prone to blockage do not significantly hinder or alter the natural flow of water from areas associated with the proposed mine. In addition, the Proponent shall monitor, document and report the withdrawal rates for water removed and utilized for all domestic and industrial purposes. | The Proponent shall provide a summary discussion of its implementation of this term and condition, including the results of monitoring or adaptive management strategies, to the NIRB through the Proponent's annual monitoring report. | See : •Water Management Plan •Fresnet Management Plan •Roads Management Plan •2022 Annual Report section 7.4 |
| 30 | Freshwater Aquatic Environment | Aquatic Effects Monitoring Plan | To monitor and mitigate potential effects to the freshwater aquatic environment | The Proponent shall update its Aquatic Effects Monitoring Plan (AEMP) to include, at a minimum: a. Provide details for additional reference lakes to be included within its sampling and monitoring programs; b. Updates to include sedimentation within relevant monitoring programs; and c. Results from additional testing for mercury in fish tissue, and include test results in updated baseline data. | The Proponent shall provide a summary discussion of its implementation of this term and condition, including any updates to the Plan, to the NIRB through the Proponent's annual monitoring report. | See : •AEMP Design Plan •2022 Annual Report section 7.1 and related appendices (2022 Aquatic Ecosystem Monitoring Program (AEMP) Report) |
| 31 | Freshwater Aquatic Environment | Setbacks | To mitigate impacts of runoff/sedimentation into freshwater aquatic habitat. | The Proponent shall maintain an appropriate setback distance between project quarries and fish-bearing or permanent water bodies as required to prevent acid rock drainage or metal leaching into such water bodies. | The Proponent shall maintain an appropriate setback distance between project quarries and fish-bearing or permanent water bodies as required to prevent acid rock drainage or metal leaching into such water bodies. Implementation of these measures shall be reported and discussed in the Proponent's annual report to the NIRB. | See : •Borrow Pits and Quarries Management Plan •2022 Annual Report Section 3.1 and 4.2, related appendix (2022 Geochemical Report) |
| 32 | Freshwater Aquatic Environment | Site Drainage and Silt Control Plan | To mitigate impacts of the Project on natural drainage and minimize sedimentation | Prior to the commencement of construction, the Proponent shall submit to the NIRB, a Site Drainage and Silt Control Plan. | The Proponent shall provide a summary discussion of its implementation of this term and condition, including any updates to the Plan, to the NIRB through the Proponent's annual monitoring report. | See : •Water Management Plan •Sediment and Erosion Management Plan •Roads Management Plan |
| 33 | Freshwater Aquatic Environment | Blasting | To mitigate impacts of explosives use on fish and fish habitat | The Proponent shall meet or exceed the guidelines set by Fisheries and Oceans Canada for blasting thresholds and implement practical and effective measures to ensure that residue and by-products of blasting do not negatively affect fish and fish habitat. | Implementation of these measures shall be reported and discussed in the Proponent's annual report to the NIRB. | See : •2022 Annual Report Section 7.5 and related appendices (2022 Blast monitoring report, Blast Monitoring Program, 2022 Blast Monitoring Memorandum) |
| 34 | Freshwater Aquatic Environment | Watercourses | To prevent blockages or restrictions to fish passages | Unless otherwise approved by regulatory authorities, the Proponent shall ensure that all Project infrastructure in watercourses is designed and constructed in such a manner that it does not obstruct unduly prevent or limit the natural movement of water in fish bearing streams and rivers. | The Proponent shall provide a summary discussion of its implementation of this term and condition, including any updates to the Plan, to the NIRB through the Proponent's annual monitoring report. | See : •Water Management Plan •Roads Management Plan |
| 35 | Vegetation | Site footprint | To minimize the impacts of the Project on vegetation | The Proponent shall ensure that Project components and activities are planned and conducted in such a way as to minimize the Project footprint; this should include input from potentially affected communities where applicable. | A summary of consultation and how the information was used to inform planning for the Project shall be provided in the Proponent's annual report to the NIRB. | See : •2022 Annual Report Section 7.9 and related appendices (2022 TEMMP Report) |
| 36 | Vegetation | Invasive species | To prevent the introduction of invasive species | The Proponent shall ensure that equipment and supplies brought to Project sites are clean and free of soils that could contain plant seeds not naturally occurring in the area. Vehicle tires and treads in particular must be inspected, and cleaned if required, prior to transport into Nunavut for use in Project areas. | The Proponent shall provide a summary discussion of its implementation of this term and condition to the NIRB through the Proponent's annual monitoring report. | See : •2022 Annual Report Section 10.4, and related appendices (2022 TEMMP Report) |
| 37 | Vegetation | Monitoring for invasive species | To minimize introduction of invasive species | The Proponent shall incorporate protocols for monitoring for the potential introduction of invasive vegetation species (e.g., surveys of plant populations in previously disturbed areas) into its Terrestrial Environment and Monitoring Plan. Any introductions of non-indigenous plant species must be promptly reported to the Government of Nunavut Department of Environment. | The Proponent shall provide a summary discussion of its implementation of this term and condition, including any updates to the Plan, to the NIRB through the Proponent's annual monitoring report. | See : •2022 Annual Report Section 7.8.1, 7.9, 10.4, and related appendices (2022 TEMMP Report) •Terrestrial Environment Management and Monitoring Plan |

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| 38 | Vegetation | Updated baseline and ongoing monitoring | To assess the impact of the Project on berry-producing plants | The Proponent shall conduct sampling to determine baseline levels for metals in soils found in areas with berry-producing plants near the Project area, and shall update relevant vegetation sections within the Terrestrial Management and Monitoring Plan to incorporate ongoing monitoring of these parameters prior to commencing operations. | Monitoring results and implementation of these measures shall be reported and discussed in the Proponent's annual report to the NIRB. | See : -2022 Annual Report Section 7.8.1 and 7.9, and related appendix (2022 TEMMP Report) |
| 39 | Vegetation | Monitoring | To monitor metal levels in vegetation | The Proponent shall develop and establish an on-going monitoring program to determine the distribution, abundance, and health of vegetation species used as caribou forage (such as lichens) near Project areas, prior to commencing operations. | Details for the program are to be submitted to the NIRB within 6 months of the issuance of the Project Certificate. Implementation of these measures, updates to the Plan, and monitoring results shall be reported and discussed in the Proponent's annual report to the NIRB. | See : -2022 Annual Report Section 7.8.1 and 7.9, and related appendix (2022 TEMMP Report) |
| 40 | Vegetation | Adaptive management | To mitigate impacts to vegetation abundance, diversity and health | The Proponent shall review, on an annual basis, all monitoring information and the vegetation mitigation and management plans developed under its Environmental Management Plan and Terrestrial Environment and Monitoring Plan (TEMMP) and adjust such plans as may be required to effectively prevent or reduce the potential for significant adverse project effects on vegetation abundance, diversity and health, taking into account lessons learned at other northern mining developments where appropriate. | The Proponent shall provide a summary discussion of its implementation of this term and condition, including any updates to the Plan, to the NIRB through the Proponent's annual monitoring report. | See: -2022 Annual Report Section 7.8.1 and 7.9, and related appendix (2022 TEMMP Report) -Terrestrial Environment Management and Monitoring Plan |
| 41 | Vegetation | Reclamation and re-vegetation | To maximize revegetation in reclaimed areas | Prior to the commencement of operations, the Proponent shall develop a progressive re-vegetation program for disturbed areas that are no longer required for operations, such program to incorporate measures for the use of test plots, reseeding and replanting of native plants as necessary. It is further recommended that this program be directly associated with the management plans for erosion control established for the Project and incorporate lessons learned at Meadowbank. | The Proponent shall provide a summary discussion of its implementation of this term and condition, including any updates to the Plan, to the NIRB through the Proponent's annual monitoring report. | See : -2021 Annual Report section 7.9, section 8 and related appendix 2021 Tundra Restoration and Natural Recovery Monitoring Technical Report) |
| 42 | Vegetation | Closure and Reclamation Plan | To maintain an up to date re-vegetation plan for the Project | The Proponent shall include re-vegetation strategies in its Closure and Reclamation Plan that support progressive reclamation and that promote natural revegetation and recovery of disturbed areas compatible with the surrounding natural environment and incorporate lessons learned at Meadowbank. | The Proponent shall provide a summary discussion of its implementation of this term and condition to the NIRB through the Proponent's annual monitoring report. | Not Yet Active / Not Yet Applicable |
| 43 | Terrestrial Wildlife and Wildlife Habitat | General | To ensure appropriate and responsive adaptive management | The Proponent shall continue to develop and implement Project-specific monitoring for the terrestrial environment through its Terrestrial Environment Management and Monitoring Plan (TEMMP), and will demonstrate appropriate refinements to design, incorporation of analytical methods and elaboration of methodologies. The TEMMP shall contain clear thresholds to allow for the assessment of long-term trends and cumulative effects where project interactions are identified. Coordination and cooperation will be required where data collection, analysis and interpretation, or responsibility for mitigation and management requires the efforts of multiple parties (e.g., government, Kivalliq Inuit Association, communities). | The Proponent shall provide a summary discussion of its implementation of this term and condition, including any updates to the Plan, to the NIRB through the Proponent's annual monitoring report. | See: -Terrestrial Environment Management and Monitoring Plan -2022 Annual Report Section 7.8.1 and 7.9, and related appendices |
| 44 | Terrestrial Wildlife and Wildlife Habitat | Caribou monitoring | To further define details of monitoring programs | In consultation with the Government of Nunavut (GN) and other relevant parties, such as the Terrestrial Advisory Group, the Proponent shall further develop its Terrestrial Environment Management and Monitoring Plan (TEMMP) to include increased caribou monitoring across the regional study area and additional details on the scope and design of monitoring programs. The Proponent shall also demonstrate consideration for contributing to existing and planned regional monitoring initiatives associated with terrestrial wildlife and wildlife habitat and the incorporation of Inuit Qaujimatjuaqungit, Inuit Qaujimatjuaqungit, Traditional and Community Knowledge, as appropriate. Monitoring should be adequate to test impact predictions, monitor impact thresholds and trends over time, and to support implementation of mitigation measures as proposed in the Final Environmental Impact Statement and any subsequent Addenda submitted by the Proponent. The Proponent in consultation with the Terrestrial Advisory Group shall revise the 2021 Technical Memorandum entitled "Collared Caribou Midline All-Weather Access Road Interactions" describing the crossings and deflections of caribou in relation to the all-weather access road as assessed using caribou collar data and shall provide a copy to the NIRB prior to construction/installation of the waterlines. | Results of discussions, implementation of measures, updates to the Plan, and monitoring results shall be reported and discussed in the Proponent's annual report to the NIRB. | See : -2022 Annual Report Section 7.8, 11.1, 11.2, 11.3, 11.11 and related appendices (2022 Caribou Behaviour Study, 2022 Caribou Trail Camera Study, 2022 Wildlife Observations, 2022 Terrestrial Environment Management and Monitoring Plan Report, 2022 Terrestrial Advisory Group) |
| 45 | Terrestrial Wildlife and Wildlife Habitat | General monitoring | To promote coordination of monitoring efforts | The Proponent shall demonstrate consideration for cooperating with existing and planned regional and/or community-based monitoring initiatives associated with terrestrial wildlife and wildlife habitat that produce information pertinent to mitigating project-induced impacts. The Proponent shall give special consideration for supporting regional studies of population health and harvest programs for Qamanirjuaq caribou which help address areas of uncertainty for Project impact predictions. | The Proponent shall provide a summary discussion of its implementation of this term and condition, including its results of monitoring, adaptive management strategies, consultation, and contribution efforts undertaken, to the NIRB through the Proponent's annual monitoring report. | See : -2022 Annual Report section 7.8 and related appendices (2022 Terrestrial Environment Management and Monitoring Plan Report) |
| 46 | Terrestrial Wildlife and Wildlife Habitat | Harvest study | To ensure harvest study considers appropriate Project-specific factors | The Proponent shall update its Terrestrial Environment Management and Monitoring Plan (TEMMP) for the Project to include a detailed harvest study prepared in consultation with the Government of Nunavut (GN) and other affected parties. The design of the harvest study should demonstrate consideration for the following: a. Hiring of a dedicated local survey coordinator through local Hunters and Trappers Organizations (HTOs) and provision of resources for the HTOs to run the program; b. The potential effects on caribou populations and on caribou behaviour resulting from increased human access caused by the all-weather access road and associated roads and trails; and c. Increasing local knowledge of the project development areas, including establishing baseline harvesting levels prior to unrestricted public access on the all-weather access road. | The Proponent shall provide a summary discussion of its implementation of this term and condition (including the results of monitoring, adaptive management strategies, and contribution efforts undertaken) to the NIRB through the Proponent's annual monitoring report. | See : -2022 Annual Report Section 7.8 and related appendices which include results of the 2022 Hunter Harvest Study |
| 47 | Terrestrial Wildlife and Wildlife Habitat | Monitoring | To promote coordination of monitoring efforts | The Proponent shall share information with the Government of Nunavut (GN) relating to the migration of caribou and include the GN as a party respecting caribou monitoring and movement through Project development areas, including the all-weather access road and associated roads and trails. | The Proponent shall provide a summary discussion of its implementation of this term and condition, including any updates to the Plan, to the NIRB through the Proponent's annual monitoring report. | Agnico entered the Memorandum of Understanding with GN on March 1, 2017 to share and increase the common knowledge of possible disturbance effects on caribou and muskoxen and their migration |
| 48 | Terrestrial Wildlife and Wildlife Habitat | Management of road access | To ensure mitigation and monitoring consider increases to harvesting from improved access | In consultation with the Government of Nunavut, the Kivalliq Inuit Association, the Kivalliq Wildlife Board and local Hunters and Trappers Organizations, the Proponent shall develop appropriate monitoring and mitigation measures relating to the harvesting of caribou and improved harvesting access granted by the all-weather access road. These measures shall be included within a Road Access Management Agreement that must be in place prior to construction of Phase 2 of the all-weather access road. The Road Management Agreement shall include the following specific measures: • During periods when large aggregations of caribou (greater than 50 individuals) are detected within 1 km of the all-weather access road (AWAR), the road will be closed to public access via car and truck by means of a barrier at the southern gate. Public access using all-terrain vehicles (ATVs) will be allowed. • During periods when large aggregations of caribou (greater than 50 individuals) are observed within 1 km of the AWAR, the road will be closed to public access via all-terrain vehicles on the AWAR to prevent all vehicle access, including ATVs. This will allow ATVs to enter areas previously accessible along existing trails while not facilitating access via bridges constructed specifically for the Project. • Following consultation with the Nunavut Wildlife Management Board, as required under the Nunavut Wildlife Act, it is recommended that a no-shooting zone (1 km wide) on either side of the road should be established as a condition of public access to the AWAR and compliance with this Agnico Eagle policy should be monitored and reported by the Proponent. • Dedicated "road monitors" should patrol the road to ensure compliance with the provisions of the Road Management Plan (SD 2.9) relating to public safety and wildlife. Monitoring should be increased during periods of road closure when large aggregations of caribou are present. • All incidents of hunting involving shooting along or across the AWAR should be reported by the Proponent to the GN. • During periods when large aggregations of caribou are detected near the Project, harvest monitoring intensity should be increased to ensure that levels of caribou harvesting are properly documented. | Road Access Management Agreement to be submitted to the NIRB at least 60 days prior to the commencement of increased traffic related to the marine outflow activities, with implementation of these measures and monitoring results as well as any subsequent updates to the Plan, reported and discussed in the Proponent's annual report to the NIRB. | See : -Roads Management Plan -TEMMP -2022 Annual Report Section 7.8.1 and related appendices (2022 TEMMP Report, 2022 Caribou Behavior Report, 2022 Caribou Camera Report) |
| 49 | Terrestrial Wildlife and Wildlife Habitat | Research licensing | To facilitate licensing review | The Proponent is encouraged to consult with the Nunavut Research Institute (NRI) on the research permitting process as it relates to the Nunavut Scientists Act. The Proponent is encouraged to share monitoring and research study design with the NRI four (4) months prior to the anticipated commencement of research activities to facilitate licensing review. | The Proponent shall provide a summary discussion of its implementation of this term and condition to the NIRB through the Proponent's annual monitoring report. | Not Yet Active / Not Yet Applicable |
| 50 | Terrestrial Wildlife and Wildlife Habitat | Wildlife habitat | To ensure progressive reclamation of disturbed wildlife habitat | The Proponent shall develop a strategy for the recovery of terrestrial wildlife habitat in a progressive manner that is consistent with the Nunavut Wildlife Act. | The Proponent shall provide a summary discussion of its implementation of this term and condition to the NIRB through the Proponent's annual monitoring report. | See : -2021 Annual Report Section 7.8.1, 7.9 and related appendix (2021 Tundra Restoration and Natural Recovery Monitoring Technical Report) |
| 51 | Terrestrial Wildlife and Wildlife Habitat | Territorial Park | To minimize disturbance from helicopter overflights | The Proponent shall not conduct routine helicopter flights over, or land in, Iqalugarjup Nunanga Territorial Park. The Proponent will communicate this commitment to all helicopter companies contracted by it to undertake work at the Midline Project site prior to the start of construction work. Emergency flights, specifically medical evacuation flights and/or search and rescue overflights are excepted from adherence to this requirement. | Information regarding the Proponent's consultation, coordination and other contribution efforts undertaken in fulfillment of this term and condition shall be provided in the Proponent's annual report to the NIRB. | See : -Air Traffic Management Plan -2022 Annual Report Section 7.6, 7.8.1 |
| 52 | Terrestrial Wildlife and Wildlife Habitat | Muskoxen monitoring | To promote coordination of monitoring efforts | The Proponent shall undertake periodic surveys and a habitat assessment for muskoxen in the regional study area by partnering with, or complementing, the existing regional muskox monitoring programs. | The Proponent shall provide a summary discussion of its implementation of this term and condition to the NIRB through the Proponent's annual monitoring report. | See : -Terrestrial Environment Management and Monitoring Plan -2022 Annual Report section 7.8.1 and related appendix (2022 TEMMP Report) |
| 53 | Terrestrial Wildlife and Wildlife Habitat | Furbearer surveying | To minimize disturbance to furbearers from Project activities | Prior to construction of Project infrastructure including the waterlines and Phase 2 of the all-weather access road, the Proponent shall conduct a survey that is sufficient to locate any dens of foxes, bears or wolverines that could be damaged or destroyed during construction or operation of the Project. | Survey results shall be submitted to the NIRB at least 60 days prior to the installation of the waterlines. Implementation of these measures and monitoring results as well as any subsequent updates to the Plan, shall be reported and discussed in the Proponent's annual report to the NIRB. | See : -TEMMP -2022 Annual Report Section 7.8.1 and related appendix (2022 TEMMP Report) |
| 54 | Terrestrial Wildlife and Wildlife Habitat | Movement of wildlife | To ensure Project infrastructure does not prevent or unduly limit the movement of wildlife | The Proponent shall ensure that road safety barriers, or berms, or waterline coverings associated with Project infrastructure, all-weather access roads and associated roads/trails and the waterlines are constructed to allow for the safe passage of caribou and other terrestrial wildlife while achieving the objective of separating public road use with Project-related mine traffic or transport of saline effluent. | The Proponent shall provide a summary discussion of its implementation of this term and condition to the NIRB through the Proponent's annual monitoring report. | See : -Terrestrial Environment Management and Monitoring Plan |
| 55 | Terrestrial Wildlife and Wildlife Habitat | Wildlife mortality | To ensure clear thresholds exist for Project-related mortality of wildlife species, adequate adaptive management measures and compensation agreements are in place | In consultation with the Government of Nunavut (GN) and other affected parties, the Proponent shall set thresholds for direct mortality of wolf, grizzly bear, polar bear, wolverine, and fox to ensure monitoring and mitigation for the Project is responsive to undesirable rates of mortality. The Proponent shall reach an agreement with the appropriate Designated Inuit Organization regarding compensation or any direct mortality of wildlife resulting from the Project. | The Proponent shall provide a summary discussion of its implementation of this term and condition to the NIRB through the Proponent's annual monitoring report. | See : -2022 Annual Report section 7.8 and related appendix (2022 TEMMP Report) -Terrestrial Environment Management and Monitoring Plan - Inuit Impact Benefit Agreement (IIBA) between the Proponent and the Kivalliq Inuit Association. |
| 56 | Terrestrial Wildlife and Wildlife Habitat | Reporting | To mitigate and monitor for impacts to wildlife | The Proponent shall report annually to the NIRB regarding its terrestrial environment monitoring efforts, with inclusion of the following information: a. Description of all updates to terrestrial ecosystem baseline data; b. A description of the involvement of Inuit in its monitoring programs; c. A detailed presentation and analysis of the distribution relative to Project infrastructure and activities for caribou and other terrestrial mammals observed during surveys and incidental sightings; d. Results of the annual monitoring program, including field methodologies and statistical approaches used to support conclusions drawn; and e. An assessment and presentation of annual environmental conditions including timing of snowmelt, green-up, as well as standard weather summaries. | The Proponent shall provide a summary discussion of its implementation of this term and condition (including the results of monitoring, adaptive management strategies, consultation, and contribution efforts undertaken) to the NIRB through the Proponent's annual monitoring report. | See : -2022 Annual Report Section 7.8, 11.11 and related appendices (2022 TEMMP Report, 2022 TAG Report) |

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| 57 | Terrestrial Wildlife and Wildlife Habitat | Reporting | To mitigate and monitor for impacts to wildlife | <p>Within its annual report to the NIRB, the Proponent shall incorporate a review section which includes:</p> <p>a. An examination for trends in the measured natural variability of Valued Ecosystem Components in the region relative to the baseline reporting;</p> <p>b. A detailed analysis of wildlife responses to operations with emphasis on wildlife behaviour, mortalities and displacements (if any), and responses to operations of the all-weather access road and associated access roads/trails, and the waterlines;</p> <p>c. A demonstration and description of how the monitoring results, including the all-weather access road, and associated access roads/trails, and waterlines contribute to cumulative effects of the project; and</p> <p>d. Any proposed changes to the monitoring survey methodologies, statistical approaches or proposed adaptive management stemming from the results of the monitoring program.</p> | The Proponent shall provide its discussion of these factors to the NIRB through the Proponent's annual monitoring report. | See : •2022 Annual Report Section 7.8 and related appendices (2022 TEMMP Report, 2022 Caribou Behavior Report, 2022 Caribou Camera Report) |
| 58 | Birds and Bird Habitat | Awareness | To prevent/minimize impacts on birds and bird habitat | The Proponent shall ensure all employees working at Project sites receive awareness training regarding the importance of avoiding known nests and nesting areas and avoiding large concentrations of foraging and moulting birds. | Information regarding the Proponent's fulfillment of this term and condition shall be included in the Proponent's annual report to the NIRB. | See : •Terrestrial Environment Management and Monitoring Plan •2022 Annual Report Section 7.8.1 and 7.8.2, and related appendices (2022 TEMMP Report, 2022 MMSO Report) |
| 59 | Birds and Bird Habitat | Species at Risk | To minimize impacts on Species at Risk | If Species at Risk or their nests and eggs are encountered during Project activities or monitoring programs, the primary mitigation measure must be avoidance. The Proponent shall establish clear zones of avoidance based on the species-specific nest setback distances outlined in the Terrestrial Environment Management and Monitoring Plan. | Information regarding the Proponent's fulfillment of this term and condition shall be included in the Proponent's annual report to the NIRB. | See : •Terrestrial Environment Management and Monitoring Plan •2022 Annual Report Section 7.8.1 and related appendices (2022 TEMMP Report) |
| 60 | Birds and Bird Habitat | Species at Risk | To minimize impacts to Species at Risk | The Proponent shall ensure that the mitigation and monitoring strategies developed for Species at Risk are updated as necessary to maintain consistency with any applicable status reports, recovery strategies, action plans and management plans that may become available during the duration of the Project. | The Proponent shall provide a summary discussion of its implementation of this term and condition to the NIRB through the Proponent's annual monitoring report. | See : •Terrestrial Environment Management and Monitoring Plan •Shipping Management Plan |
| 61 | Birds and Bird Habitat | Construction/clearing activities | To minimize disturbance to birds during the breeding season | Prior to bird breeding season, the Proponent shall either conduct clearing activities or identify and install nesting deterrents (e.g., flagging) to discourage birds from nesting in areas likely to be disturbed by construction/clearing activities. If clearing is to take place during the nesting season, a nest survey should take place to identify nests and any identified nests must remain undisturbed until the young have fledged or left the nest. Any nests identified shall be included as part of the annual reporting for the Terrestrial Environmental Mitigation and Monitoring Plan (TEMMP). | Information regarding the Proponent's fulfillment of this term and condition shall be included in the Proponent's annual report to the NIRB. | See : •Terrestrial Environment Management and Monitoring Plan •2022 Annual Report Section 7.8.1 and related appendices (2022 TEMMP Report) |
| 62 | Birds and Bird Habitat | Construction/clearing activities | To minimize disturbance to birds during the breeding season | The Proponent shall protect any nests found (or indicated nests) with a buffer zone determined by the setback distances outlined in its Terrestrial Environment Mitigation and Monitoring Plan (TEMMP), until the young have fledged. If it is determined that observance of these setbacks is not feasible, the Proponent will develop nest-specific guidelines and procedures to ensure bird's nests and their young are protected. | Information regarding the Proponent's fulfillment of this term and condition shall be included in the Proponent's annual report to the NIRB. | See : •Terrestrial Environment Management and Monitoring Plan •2022 Annual Report Section 7.8.1 and related appendices (2022 TEMMP Report) |
| 63 | Birds and Bird Habitat | Marine considerations | To minimize the impact of marine shipping on birds and bird habitat | Any incidents of bird mortalities associated with lighting infrastructure, construction activities, and Project vessel operations are to be recorded and reported to Environment Canada (Canadian Wildlife Services). The Proponent shall work with the Canadian Wildlife Services to determine appropriate recording and reporting format and timing. | Information regarding the Proponent's fulfillment of this term and condition shall be included in the Proponent's annual report to the NIRB. | See : •Shipping Management Plan •2022 Annual Report section 7.8.2 and related appendix (2022 MMSO Report) |
| 64 | Birds and Bird Habitat | Marine considerations | To ensure appropriate monitoring measures are in place to address the potential impacts of marine fuel spills | The framework should be submitted to the NIRB at least 90 days prior to conducting any Project-related shipping. Implementation of these measures, updates to the Plan, and monitoring results shall be reported and discussed in the Proponent's annual report to the NIRB. | The framework should be submitted to the NIRB at least 90 days prior to conducting any Project-related shipping. Implementation of these measures, updates to the Plan, and monitoring results shall be reported and discussed in the Proponent's annual report to the NIRB. | See : •Shipping Management Plan •Marine Environment Management Plan |
| 65 | Birds and Bird Habitat | Marine considerations | To minimize the impact of marine shipping on birds and bird habitat | The Proponent shall maintain reduced speeds to sufficiently ensure that wakes are equal or less than the mean natural seasonal wave height to prevent wake action from negatively impacting migratory bird nests in low lying shoreline habitat. | Information regarding the Proponent's fulfillment of this term and condition shall be included in the Proponent's annual report to the NIRB. | See : •Shipping Management Plan •2022 Annual Report Section 7.8.2 and related appendix (2022 MMSO Report) |
| 66 | Birds and Bird Habitat | Marine considerations | To minimize the impact of marine shipping on birds and bird habitat | The Proponent shall ensure all Project vessels are checked for bird strikes after a suspected event and include details of its protocol to do so, as well as results, within its updated Terrestrial Environment Mitigation and Monitoring Plan. | Information regarding the Proponent's fulfillment of this term and condition shall be included in the Proponent's annual report to the NIRB. | See : •2022 Annual Report Section 7.8.2 and related appendix (2022 MMSO Report) |
| 67 | Birds and Bird Habitat | Marine considerations | To minimize the impact of marine shipping on birds and bird habitat | The Proponent shall submit an updated Oil Pollution Prevention Plan including measures to avoid adverse effects to species at risk and migratory birds from spills, as well as details regarding monitoring of effects of a spill on species at risk and migratory birds. | The Proponent shall provide a summary discussion of its implementation of this term and condition (including the results of monitoring or adaptive management strategies) to the NIRB through the Proponent's annual monitoring report. | See : •OPEP/OPP •Shipping Management Plan •Marine Environment Management Plan |
| 68 | Birds and Bird Habitat | Marine considerations | To minimize the impact of marine shipping on birds and bird habitat | The Proponent shall demonstrate consideration for the potential cumulative effects of other development projects and shipping activities (including community resupply) when assessing their cumulative effects on marine birds in the Hudson Strait, in its annual report. | Information regarding the Proponent's fulfillment of this term and condition shall be included in the Proponent's annual report to the NIRB. | See : •2022 Annual Report Section 7.8.2 and related appendix (2022 MMSO Report and 2022 Shipping Cumulative Effects Technical Memo) |
| 69 | Birds and Bird Habitat | Flight altitude requirements | To minimize the impact of aircraft on birds and bird habitat | Subject to safety requirements, the Proponent shall require all Project related aircraft to maintain a cruising altitude of at least: a. 650 m during point to point travel when in areas likely to have migratory birds b. 1100 m vertical and 1500 m horizontal distance from observed concentrations of migratory birds c. 1100 m over the area identified as a key site for moulting snow geese during the moulting period (July-August), and if maintaining this altitude is not possible, maintain a lateral distance of at least 1500 m from key sites for moulting snow geese. | Information regarding the Proponent's fulfillment of this term and condition shall be included in the Proponent's annual report to the NIRB. | See : •Terrestrial Environment Management and Monitoring Plan •Air Traffic Management Plan |
| 70 | Birds and Bird Habitat | Flight altitude requirements | To minimize the impact of aircraft on birds and bird habitat | The Proponent shall ensure that pilots are informed of minimum cruising altitude guidelines and that a daily log or record of flight paths and cruising altitudes of aircraft within all Project areas is maintained and made available for regulatory authorities such as Transport Canada to monitor adherence and to follow up on complaints. | Information regarding the Proponent's fulfillment of this term and condition shall be included in the Proponent's annual report to the NIRB. | See : •Terrestrial Environment Management and Monitoring Plan •Air Traffic Management Plan |
| 71 | Birds and Bird Habitat | Monitoring | To develop appropriate mitigation measures and monitoring plans related to birds | The Proponent shall develop detailed and robust mitigation and monitoring plans for migratory birds, reflecting input from relevant agencies, the Kivalliq Inuit Association and communities. | The Proponent shall provide a summary discussion of its implementation of this term and condition (including the results of monitoring or adaptive management strategies) to the NIRB through the Proponent's annual monitoring report. | See : •Terrestrial Environment Management and Monitoring Plan •2022 Annual Report Section 7.8.1 and related appendix (2022 TEMMP Report) |
| 72 | Birds and Bird Habitat | Monitoring | To minimize the impact to sensitive bird species | The Proponent shall continue to develop and update relevant monitoring and management plans for migratory birds under the Proponent's Environmental Protection Plan and Terrestrial Environment Mitigation and Monitoring Plan (TEMMP) prior to construction. The key indicators for follow up monitoring under this plan will include upland birds (including migratory birds), waterbirds, raptors, and seabirds including migration and wintering. | The Proponent shall provide a summary discussion of its implementation of this term and condition (including the results of monitoring or adaptive management strategies) to the NIRB through the Proponent's annual monitoring report. | See : •Shipping Management Plan •Terrestrial Environment Management and Monitoring Plan •2022 Annual Report Section 7.8.2 and related appendix (2022 TEMMP Report) |
| 73 | Birds and Bird Habitat | Monitoring | To assess the extent of terrestrial habitat loss | The Proponent's monitoring program shall assess and report, on annual basis, the extent of terrestrial habitat loss due to the Project to verify impact predictions and provide updated estimates of the total Project footprint. | Monitoring results and implementation of these measures shall be reported and discussed in the Proponent's annual report to the NIRB. | See : •2022 Annual Report Section 7.8.1 and related appendix (2022 TEMMP Report) |
| 74 | Birds and Bird Habitat | Monitoring | To minimize the impact of Project activities on water birds | The Proponent's Terrestrial Management and Monitoring Plan (TEMMP) shall include mitigation measures implemented to prevent the use of water attenuation ponds by waterfowl and waterbirds and monitoring that assesses whether the mitigation measures are working or revised, or further deterrent measures are required. | The Proponent shall provide a summary discussion of its implementation of this term and condition (including the results of monitoring or adaptive management strategies) to the NIRB through the Proponent's annual monitoring report. | See : •Shipping Management Plan •Terrestrial Environment Management and Monitoring Plan •2022 Annual Report Section 7.8.2 and related appendix (2022 MMSO Report) |
| 75 | Birds and Bird Habitat | Monitoring | To minimize the impact of predatory species on nesting birds | The Proponent shall implement mitigation measures and monitoring programs to limit the attraction of predators and scavengers to Project facilities in the TEMMP and other plans such as the Landfill and Waste Management Plan as appropriate. | The Proponent shall provide a summary discussion of its implementation of this term and condition (including the results of monitoring or adaptive management strategies) to the NIRB through the Proponent's annual monitoring report. | See : •Landfill Management Plan •Waste Management Plan •Terrestrial Environment Management and Monitoring Plan •2022 Annual Report Section 7.8 and related appendix (2022 TEMMP Report) |
| 76 | Marine Environment | General | To ensure plans and Project design reflect the need to protect the ecosystemic integrity of the marine environment | The Proponent shall update all relevant plans including, but not limited to: the Shipping Management Plan, Wildlife Mitigation and Monitoring Plan, and Adaptive Management Plan, in order to address concerns and identify potential impacts of the Project and proposed mitigation measures designed to protect the integrity of the marine environment. The Shipping Management Plan shall also incorporate updates for all Project-related shipping. | The Proponent shall provide a summary discussion of its implementation of this term and condition, including the results of monitoring or adaptive management strategies, and any updates to plans to the NIRB through the Proponent's annual monitoring report. | See : •Shipping Management Plan •Marine Environment Management Plan •Spill Contingency Plan •Oil Pollution Emergency Plan / Oil Pollution Prevention Plan •2022 Annual Report Section 7.8.2 |
| 77 | Marine Environment | Spill prevention | To ensure appropriate response capacity for potential spill events | The Proponent shall ensure that it maintains the necessary equipment and trained personnel to respond to all sizes of potential spills associated with the Project in a self-sufficient manner. | Information regarding the Proponent's fulfillment of this term and condition shall be included in the Proponent's annual report to the NIRB. | See : •Spill Contingency Plan •2022 Annual Report Section 6 and 12.4.1, and related appendices (2022 Mock Spill Report) |

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| 78 | Marine Environment | Spill prevention | To ensure accuracy and adequate spill response and emergency preparedness | <p>Prior to the shipping of Project supplies, the Proponent shall conduct fuel spill dispersion modeling that will, at a minimum, consider:</p> <ol style="list-style-type: none"> Modeling of oil spills in the following areas: <ul style="list-style-type: none"> Pinch points, including Hudson Strait, Melvin Bay area including Ithiva Harbour, and Panorama Island; Shallow water and shorelines; and Areas that have been identified as having high flows and/or high concentrations of marine mammals, marine fish or seabirds; Open water and ice-covered conditions; Spill volumes up to and including loss of a full tanker cargo; and Differences in the quantity and properties of each type of bulk fuel transported by vessels when they are at, or in transit to, the port of Rankin Inlet. | Results of the spill dispersion modeling should be submitted to the NIRB at least 90 days prior to the commencement of construction. Implementation of these measures, updates to the Plan, and monitoring results shall be reported and discussed in the Proponent's annual report to the NIRB. | See : •Shipping Management Plan •2022 Annual Report Section 12.4.7 and related appendices (2022 Mock Spill Report) |
| 79 | Marine Environment | Updated baseline | To ensure updated and accurate marine baseline data is available prior to Project-related shipping | Prior to any Project-related shipping, the Proponent will update its marine baseline information to ensure that it includes the most recent information on marine wildlife abundance and distribution, carefully considers seasonal distribution patterns of marine wildlife, and incorporates western scientific and Inuit Qaujimiqtuqanig knowledge sources. The updated marine baseline should be made available to appropriate authorities for feedback, then incorporated into the Proponent's Shipping Management Plan (SMP), with continued updates on a regular basis as new information becomes available. | Updated baseline should be provided to the NIRB and appropriate authorities prior to the commencement of Project-related shipping. The Proponent shall provide a summary discussion of its implementation of this term and condition (including the results of monitoring or adaptive management strategies) to the NIRB through the Proponent's annual monitoring report. | See : •Shipping Management Plan •2022 Annual Report section 7.8.2 and related appendix (2022 MMSO Report) |
| 80 | Marine Environment | Marine baseline | To ensure updated and accurate marine baseline data is available | The Proponent shall assess its available baseline information for Melvin Bay and for the area surrounding the fuel transhipment anchorage to ensure that both are adequate for the detection of Project-related impacts, particularly related to contaminants. | Information regarding the Proponent's fulfillment of this term and condition shall be included in the Proponent's annual report to the NIRB. | See : •Shipping Management Plan •2022 Annual Report Section 7.1 |
| 81 | Marine Environment | Wildlife plans | To ensure relevant plans incorporate mitigation and monitoring programming for marine wildlife | Prior to any Project-associated shipping, the Proponent shall revise and update the Terrestrial Environment Management Plan (TEMMP) and/or the Shipping Management Plan (SMP) to include following information: <ol style="list-style-type: none"> a plan for involvement of local hunters in wildlife baseline studies and monitoring program; a plan for coordinating wildlife studies/monitoring activities with other organizations, institutions, government departments and/or individual researchers conducting wildlife studies in the regional study area; and measures to be applied to avoid or reduce the disturbance, harassment, injury or mortality of marine mammals due to shipping activities. | Updates to the relevant plan(s) should be provided to the NIRB a minimum of 120 days prior to the commencement of Project-related shipping. Implementation of these measures, updates to the Plan, consultation records, and monitoring results shall be reported and discussed in the Proponent's annual report to the NIRB. | See : •Shipping Management Plan •Marine Environment Management Plan •2022 Annual Report Section 7.8.1 and 7.8.2, and related appendices (2022 TEMMP Report, 2022 MMSO Report) |
| 82 | Marine Environment | Monitoring | To ensure monitoring of marine wildlife during Project-related ship voyages | The Proponent shall require all contracted shipping companies to provide full-time marine wildlife monitoring using trained observers and established data collection and recording protocols. Monitoring plans should include provisions for all Species At Risk (SARA) and for the Committee on the Status of Endangered Wildlife in Canada (COSEWIC) listed species (birds and mammals). | Updated monitoring plans should be provided to the NIRB a minimum of 120 days prior to the commencement of Project-related shipping. Implementation of these measures, updates to the Plan, and monitoring results shall be reported and discussed in the Proponent's annual report to the NIRB. | See : •Shipping Management Plan •2022 Annual Report Section 7.8.1 and 7.8.2 and related appendix (2022 MMSO report) |
| 83 | Marine Environment | Marine mammal interactions | To prevent impacts to marine mammals associated with Project shipping | The Proponent shall ensure that, subject to vessel and human safety considerations, all Project shipping adhere to the following mitigation procedures while in the vicinity of marine mammals (including polar bear) and birds: <ol style="list-style-type: none"> Marine mammals will be given right of way; Ships will, when possible, maintain a straight course and constant speed, avoiding erratic behavior; and When marine mammals appear to be trapped or disturbed by vessel movements, the vessel will implement appropriate measures to mitigate disturbance, including stoppage of movement until wildlife have moved away from the immediate area. | Information regarding the Proponent's fulfillment of this term and condition shall be included in the Proponent's annual report to the NIRB. | See : •Shipping Management Plan •2022 Annual Report Section 7.8.2, 10.2 and related appendix (2022 MMSO Report) |
| 84 | Marine Environment | Route planning | To mitigate potential impacts terrestrial walrus haulouts | Prior to any Project-related shipping, the Proponent will prepare a map of terrestrial walrus haulouts (uglit) in the Project area, and use this information for route planning, fuel spill modeling, and sensitive area identification. The map should include all available sources of information on ugit locations, including scientific knowledge and Inuit Qaujimiqtuqanig and shall be updated by the Proponent whenever new information becomes available. | Mapping and associated details should be provided to the NIRB a minimum of 180 days prior to the commencement of Project-related shipping. Implementation of these measures, updates to the Plan, and monitoring results shall be reported and discussed in the Proponent's annual report to the NIRB. | See : •Shipping Management Plan •2022 Annual Report Section 7.8.2, 10.2 and related appendix (2022 MMSO Report) |
| 85 | Marine Environment | Monitoring | To monitor potential impacts to walrus | The Proponent shall consider ways to monitor disturbance to walrus at terrestrial haulout sites, including but not limited to remote monitoring (e.g., time-lapse cameras) and community-based monitoring or Inuit Qaujimiqtuqanig surveys. | The Proponent shall provide a summary discussion of its implementation of this term and condition (including the results of monitoring or adaptive management strategies) to the NIRB through the Proponent's annual monitoring report. | See : •2021 Annual Report Section 7.8.2 and related appendix (2022 MMSO report) |
| 86 | Marine Environment | Cumulative effects | To promote coordinated understanding and mitigation of potential cumulative effects | The Proponent is encouraged to liaise with relevant stakeholders, regulatory agencies and/or forums (e.g., the Marine Environmental Working Group associated with the Mary River Project), that might allow for participation in relevant research and management initiatives and increasing understanding and mitigation of potential cumulative effects associated with the Project's shipping activities through the Hudson Strait. | Information regarding the Proponent's fulfillment of this term and condition shall be included in the Proponent's annual report to the NIRB. | See : •2022 Annual Report Section 7.8.2 and related appendix (2022 MMSO Report and 2022 Shipping Cumulative Effects Technical Memo) |
| 87 | Economic Development, Contracting, and Business Opportunities | Socio-Economic Monitoring, Kivalliq Socio-Economic Monitoring Committee | Description of the general monitoring framework to be developed in consultation with the Kivalliq Socio-Economic Monitoring Committee. | The Proponent is strongly encouraged to participate in the work of the Kivalliq Socio-Economic Monitoring Committee along with other agencies and the communities of the Kivalliq region, and to identify areas of mutual interest and priority for inclusion into a collaborative monitoring framework that includes socio-economic priorities related to the Project, communities, and the Kivalliq region as a whole. | The Proponent shall provide a summary discussion of its implementation of this term and condition (including the results of monitoring) to the NIRB through the Proponent's annual monitoring report. | See : • 2022 Annual Report Section 12, AEM is participating the Kivalliq Socio-Economic Monitoring Committee and is working with the Socio-Economic Monitoring Working Group. |
| 88 | Economic Development, Contracting, and Business Opportunities | Socio-Economic Monitoring | Description of a socio-economic monitoring working group to oversee project-specific monitoring program | The Proponent is encouraged to work in collaboration with other socio-economic stakeholders including for example, the KIA, GN, AANDC, and communities of the Kivalliq region, to establish a socio-economic working group for the Project to develop and oversee the Meladine Socio-Economic Monitoring Program. The working group should develop a Terms of Reference which outlines each member's roles and responsibilities with regards to, where applicable, project-specific socio-economic monitoring throughout the life of the Project. The Terms of Reference are to be provided to the NIRB upon completion, and within one year of issuance of the Project Certificate. | Information regarding the Proponent's fulfillment of this term and condition shall be included in the Proponent's annual report to the NIRB. All updates to the Terms of Reference should be submitted to the NIRB during annual socio-economic reporting. | See : • 2022 Annual Report Section 12.1 and related appendix (2022 Socio-Economic Monitoring Report) |
| 89 | Economic Development, Contracting, and Business Opportunities | Socio-Economic Monitoring | Details regarding the establishment of Project-specific socio-economic monitoring program. | The Proponent shall develop the Meladine Socio-Economic Monitoring Program to monitor the predicted impacts outlined in the FEIS as well as regional concerns identified by the Kivalliq Socio-Economic Monitoring Committee (SEMC). Where possible, the Proponent is encouraged to work in collaboration with all other socio-economic stakeholders such as the KIA, GN, AANDC and the communities of the Kivalliq region in developing this program, which should include a process for adaptive management and mitigation in the event unanticipated impacts are identified. Details of the Meladine Socio-Economic Monitoring Program are to be provided to the NIRB upon finalization, and within one year of issuance of the Project Certificate. | Details of the Meladine Socio-Economic Monitoring Program should be submitted to the NIRB within one (1) year of issuance of the amended Project Certificate. The Proponent shall produce annual Meladine socio-economic monitoring reports throughout the life of the Project that are submitted to the NIRB and shared with the wider Socio-Economic Monitoring Committee. | See : • 2022 Annual Report Section 12.1 and related appendix (2022 Socio-Economic Monitoring Report) |
| 90 | Economic Development, Contracting, and Business Opportunities | Closure planning and monitoring | To capture and provide analysis of Project-specific and regional data during Project closure(s), and to clarify mitigation measures related to closure | Prior to the commencement of operations, the Proponent is required to undertake an analysis of the risk of temporary mine closure, giving consideration to how communities in the Kivalliq region may be affected by temporary and permanent closure of the mine, including economic, social and cultural effects. The results of this analysis are to be provided to the NIRB upon completion. | This initial results of the Proponent's analysis should be provided to the NIRB within nine (9) months of the issuance of the amended Project Certificate. Any updates to the analyses should be provided to the NIRB as completed by the Proponent and include plans or details in respect of informing the regional socio-economic committee of these results. | See : • Analysis of the Risk of Temporary Mine Closure • Interim Closure and Reclamation Plan • 2022 Annual Report Section 8 |
| 91 | Economic Development, Contracting, and Business Opportunities | Closure planning and monitoring | To capture and provide analysis of Project-specific and regional data during Project closure(s), and to clarify mitigation measures related to closure | Within 3 months of the NIRB's acceptance of the Proponent's analysis of the risk of temporary mine closure referenced above, the Proponent is expected to update its Socio-Economic Management Plan or to include within a newly developed plan or framework, a description of its plan to collect and analyze Project-specific and regional data at closure and post-closure phases, as well as its defined measures to help mitigate impacts which may result from Project closure(s), both temporary and final. | The required updates to the Socio-Economic Monitoring Program (and the Socio-Economic Management Plan included within the Program) should be provided to the NIRB within three (3) months of the completion of the analysis or updates to the analysis of the risk of temporary mine closure in the term and condition noted above. The Proponent shall reference any updates to its Socio-Economic Monitoring Program and associated management plan in the annual Meladine socio-economic monitoring reports that are submitted to the NIRB and shared with the wider Socio-Economic Monitoring Committee throughout the life of the Project. | See : • Interim Closure and Reclamation Plan • 2022 Annual Report Section 12.1 and related appendix (2022 Socio-Economic Monitoring Report) |
| 92 | Employment | Employment schedule | In the interest of producing accurate labour market information and reliable economic and employment forecasting for the current and future labour force, it is important to have up-to-date estimates of the types of employment available through the Project, and what skills are required for these jobs. | The Proponent shall submit a detailed staff schedule to the NIRB and to the Government of Nunavut in the first 6 months following the issuance of a Project Certificate. The schedule should, at a minimum, provide a description of: <ol style="list-style-type: none"> Title of positions required by department and division; Quantity of positions available by Project phase and year; Transferable skills, both certified and uncertified which may be required for, or gained during, employment within each position; and The National Occupational Classification (NOC) code for each individual position. The Proponent is encouraged to consult the Government of Nunavut during development of the schedule. A new schedule should be submitted following any significant deviation from original predictions. | Within 6 months of Project Certificate issuance and as required thereafter. | See : • 2022 Annual Report section 12.2 and related appendices |
| 93 | Employment | Registration of trades workers | To ensure that the Government of Nunavut has accurate information to assist it in its role as overseer of the apprenticeship program in Nunavut and in its provision of access to training initiatives and programs. | The Proponent is encouraged to register all trades occupations, journeypersons and apprentices working with the Project and to register any trades occupations listed in its forecast, as well as to provide the Government of Nunavut with information regarding the number of registered apprentices and journeypersons from other jurisdictions employed at the Project during each year of the Project's life. | Information regarding the Proponent's fulfillment of this term and condition shall be included in the Proponent's annual report to the NIRB and shared with the wider regional socio-economic monitoring committee throughout the life of the Project. | See : • 2022 Annual Report section 12 and related appendices |
| 94 | Employment | Labour force analysis | To update information provided within the FEIS and monitor Project impacts on labour force characteristics throughout the life of the Project. | The Proponent shall update its labour force analysis utilizing current or the most recent baseline information as may be available from the Nunavut Bureau of Statistics or Statistics Canada. The updated labour force analysis is to be provided to the NIRB within 6 months of the Project Certificate being issued. The Proponent is encouraged to work collaboratively with other stakeholders to monitor any impacts the Project may have on the labour force characteristics of the Kivalliq region during all project phases. | The Proponent should summarize the results of these efforts in the annual Meladine socio-economic monitoring reports submitted to the NIRB and shared with the wider Socio-Economic Monitoring Committee throughout the life of the Project. | See : • 2022 Annual Report section 12.5.2 and related appendix (2022 Labour Market Analysis) |
| 95 | Education and Training | Transferable skills and training | Offering training which results in certification that is valid for employment at other sites or in other fields contributes to the long-term employability of Nunavummit. | The Proponent is encouraged to work with training organizations and/or government departments offering mine-related or other training in order to provide additional opportunities for residents and employees to gain meaningful and transferable skills and certifications. | Information regarding the Proponent's fulfillment of this term and condition shall be included in the Proponent's annual report to the NIRB. Updates to the list should be included in the annual Meladine socio-economic monitoring reports submitted to the NIRB and shared with the wider Socio-Economic Monitoring Committee throughout the life of the Project. | See : • 2022 Annual Report section 12.3, 12.4 and related appendix (2022 Training) |
| 96 | Education and Training | Transferable skills and training | Offering training which results in certifications that are valid for employment at more than one site or in different fields contributes to the long-term employability of Nunavummit. | Prior to construction, the Proponent shall develop an easily referenced listing of formal certificates and licences that may be acquired via on-site training or training during Project employment. The listing shall indicate which of these certifications and licences would be transferable to a similar job site within Nunavut, and should be updated on an annual basis, and is to be provided to the NIRB upon completion and as may be revised. | The initial listing should be provided to the NIRB at least 60 days prior to the start of construct | See : • 2022 Annual Report section 12.3, 12.4 and related appendix (2022 Training) |
| 97 | Education and Training | Monitoring impacts of closure | To further the understanding of the impacts that Project closure may have on education and training | The Proponent's project-specific socio-economic monitoring program should be updated to address the potential impacts to education and training which may arise from temporary, final and/or post-closure phases. | Information regarding the Proponent's fulfillment of this term and condition shall be included in the Proponent's annual report to the NIRB and shared with the wider regional socio-economic monitoring committee throughout the life of the Project. | See : • Analysis of the Risk of Temporary Mine Closure • 2022 Annual Report Section 12.1.1 and related appendix (2022 Socio-Economic Monitoring Report) |

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| 98 | Education and Training | Monitoring impacts to education system | To further the understanding of potential impacts from pressures to the education system in the Kivalliq region and individual communities throughout the life of the Project. | The Proponent is encouraged to work with the members identified as potential stakeholders in the socio-economic monitoring working group and with the Kivalliq Socio-Economic Monitoring Committee to review and monitor education utilization rate trends on an ongoing basis to understand if the Project can be determined to be having an impact on the education system of the Kivalliq region and/or on any communities in particular. | The summary of this information should be included in the annual Meladine socio-economic monitoring reports submitted to the NIRB and shared with the wider Socio-economic Monitoring Committee throughout the life of the Project. | See : • 2022 Annual Report section 12.1.1.1 and related appendices (2022 Socio-Economic Monitoring Program Report) |
| 99 | Population Demographics | Monitoring demographic changes | Monitoring demographic changes affecting the Kivalliq communities is important to understanding trends which may be correlated with the Meladine Project or other activities in the region. | The Kivalliq Socio-Economic Monitoring Committee and its membership are encouraged to engage in the monitoring of demographic changes including the movement of people into and out of the Kivalliq communities and the territory as a whole. This information may be used in conjunction with monitoring data obtained by the Proponent from recent hires and/or out-going employees in order to assess the potential effects of the Project on migration. | The summary of this information should be included in the annual Meladine socio-economic monitoring reports submitted to the NIRB and shared with the wider Socio-economic Monitoring Committee throughout the life of the Project. | See : • 2022 Annual Report section 12.1.1, 12.2 and related appendices (Socio-Economic Monitoring Program) |
| 100 | Population Demographics | Survey of Nunavummiut employees | Monitoring changes in the circumstances of Nunavummiut employees may provide important information which could be used to evaluate predictions made and the potential impacts to Kivalliq communities. | The Proponent is encouraged to work with the Kivalliq Socio-Economic Monitoring Committee to design and implement a voluntary survey to be offered to its Nunavummiut employees on an annual basis in order to identify changes of address, housing status (i.e., public/social, privately owned/rented, government, etc.), and migration intentions, while respecting confidentiality of all persons involved. The survey should be designed in collaboration with the Government of Nunavut, the Nunavut Housing Corporation, and other relevant stakeholders. Non-confidential results of the survey are to be reported to the Government of Nunavut and the NIRB. | The summary of this information should be included in the annual Meladine socio-economic monitoring reports submitted to the NIRB and shared with the wider Socio-economic Monitoring Committee throughout the life of the Project. | See : • 2022 Annual Report section 12.2 and related appendices (Socio-Economic Monitoring Program) |
| 101 | Population Demographics | Employee origin | Project-specific information regarding employee origin is important to comparing predictions of labour availability and employment opportunities with actual levels of employment from various demographic segments over different geographic areas. | The Proponent shall include with its annual reporting to the NIRB a summary of employee origin information as follows: a. The number of Inuit and non-Inuit employees hired from each of the Kivalliq communities, specifying the number from each; b. The number of Inuit and non-Inuit employees hired from each of the Kitikmeot and Qikiqtaaluk regions, specifying the number from each; c. The number of Inuit and non-Inuit employees hired from a southern location or other province/territory outside of Nunavut, specifying the locations and the number from each; and d. The number of non-Canadian foreign employees hired, specifying the locations and number from each foreign point of hire. | The summary of this information should be included in the annual Meladine socio-economic monitoring reports submitted to the NIRB and shared with the wider Socio-economic Monitoring Committee throughout the life of the Project. | See : • 2022 Annual Report section 12.1 and related appendices (Socio-Economic Monitoring Program) |
| 102 | Traditional Activity and Knowledge | Meladine Lake community boat launch | Appropriate planning for and consideration of, mitigation in design features and further monitoring of usage is an important component of the public boat launch as proposed in order to ensure public and worker safety. | Prior to commencing construction of the Discovery spur road to pass Meladine Lake, the Proponent shall provide to the NIRB, details regarding the design features for the Meladine Lake community boat launch, including traffic turnoffs from the all-weather access road, relevant signage, parking areas, considerations for public safety around the boat launch, plans for garbage removal and treatment of other refuse including buildings and equipment which may be stored at the site, as well as plans to monitor and/or maintain the site, including frequency and timing. These details, once finalized, shall also be incorporated, as updates, to various mitigation, monitoring and/or management plans as applicable. | Initial details to be provided prior to commencement of construction of the Discovery spur road. The Proponent shall provide a summary discussion of its implementation of this term and condition, monitoring results, implementation of adaptive management strategies, and updates to relevant plans to the NIRB through the Proponent's annual monitoring report. | Not Yet Active / Not Yet Applicable |
| 103 | Traditional Activity and Knowledge | Community input to monitoring | Incorporating community input into monitoring plans, programs and mitigation measures is important to ensuring they consider traditional knowledge and activities. | The Proponent is encouraged to consult with the Kangiqliing Hunters and Trappers Organization and the Kivalliq Socio-Economic Monitoring Committee and to make all reasonable efforts to engage Elders and community members of the Kivalliq communities in order to have community level input into updates to its monitoring plans, programs and mitigative measures. This type of engagement will ensure that these programs and measures have been informed by traditional activities, cultural resources, and land use as such may be impacted or impacted by ongoing Project activities. All plans are to include a feedback mechanism for consulting with residents of the Kivalliq, including the provision of results from the Proponent's wildlife monitoring programs to each community. The Proponent shall submit updated plans to the NIRB within 30 days of their revision and/or finalization. | Updated plans shall be submitted to the NIRB 30 days prior to their revision/finalization. Further, the Proponent shall provide a summary discussion of its implementation of this term and condition (including the results of monitoring, adaptive management strategies, consultation, and contribution efforts undertaken) to the NIRB through the Proponent's annual monitoring report. Plans should explain specifically how the information will be shared with the wider regional socio-economic monitoring committee throughout the life of the Project. | See : • 2022 Annual Report section 11.5 |
| 104 | Non-Traditional Land Use and Resource Use | Consultation with outfitters and guides | It is important that the Proponent have an accurate understanding of land use patterns near Project activities in order to properly assess safety risks. Mitigation is needed to protect human and environmental health, as well as to understand where these uses may be impacted by Project activities. | The Proponent is encouraged to consult with outfitting and guiding businesses that operate in the LSA and RSA regarding use of the area, specifically as it relates to hunting, fishing and guiding within proximity of the AWAR. Results of this consultation should be incorporated into updated plans where applicable. | The Proponent shall provide a summary discussion of its implementation of this term and condition (including results of monitoring, adaptive management strategies, consultation, and contribution efforts) to the NIRB through the Proponent's annual monitoring report. | See : • 2022 Annual Report section 7.8.1, 11 and related appendices (2022 TEMMP Report) |
| 105 | Non-Traditional Land Use and Resource Use | Hunter harvest survey | Where possible, relevant information obtained from non-traditional land uses such as outfitting and guiding may help in improving the robustness of the hunter harvest survey to be carried out by the Proponent. | The Proponent is strongly encouraged to consider incorporating information obtained from local outfitting and guiding businesses into its Hunter Harvest Survey where possible, and to include these organizations as potential respondents to surveys undertaken. | The Proponent shall provide a summary discussion of its implementation of this term and condition (including results of monitoring, adaptive management strategies, consultation, and contribution efforts) to the NIRB through the Proponent's annual monitoring report. | See : • 2022 Annual Report section 7.8.1 and related appendices (2022 TEMMP Report) |
| 106 | Cultural, Archaeological and Paleontological Resources | Inspection reporting | It is important that the Proponent and the GN determine a mutually agreeable schedule for the Proponent's reporting of inspection results, as this information may be needed for adjustments to mitigation and/or monitoring measures and programs. | The Proponent shall, in consultation with the Government of Nunavut's Territorial Archaeologist, determine a reporting frequency for the provision of inspection reports to the Government of Nunavut regarding the status of the Meladine River Bridge, the Char River Bridge, and the M5 Bridge Crossing during the spring freshet period (mid-May to June) and during the remainder of the ice-free period to freeze-up (July to October). | Evidence of meeting the requirements of this term and condition shall be submitted as part of the Proponent's annual reporting to the NIRB. | See : • 2022 Annual Report Section 7.4 |
| 107 | Cultural, Archaeological and Paleontological Resources | Mitigation of ice buildup | It is important that a plan be developed to address ice buildup at various Project bridge crossings in order to ensure the protection of archaeological resources. | The Proponent shall consult with the Government of Nunavut – Department of Culture and Heritage in developing a mitigation plan to address ice buildup at the Meladine River Bridge, the Char River Bridge, and the Bridge Crossing at M5. The Proponent shall submit this mitigation plan to the NIRB once finalized. | Evidence of meeting the requirements of this term and condition shall be submitted as part of the Proponent's annual reporting to the NIRB. | See : • Roads Management Plan |
| 108 | Individual and Community Wellness | Counseling and treatment programs | To make available, necessary treatment and counseling services for employees and family well-being. | The Proponent is encouraged to consider providing access to counseling and treatment programs for substance and gambling addictions, and programs which address domestic, parenting, and marital issues that could affect employees and/or their families. | Evidence of meeting the requirements of this term and condition shall be submitted as part of the Proponent's annual reporting to the NIRB. | See : • 2022 Annual Report section 12.1 and related appendices (2022 Socio-Economic Monitoring Program Report) |
| 109 | Individual and Community Wellness | Indirect impacts to health and well-being | To understand the indirect impacts of the Project upon health and well-being. | The Proponent is encouraged to work with the Kivalliq Socio-Economic Monitoring Committee to monitor potential indirect effects of the Project, including indicators such as the prevalence of substance abuse, gambling issues, family violence, marital problems, rates of sexually transmitted infections and other communicable diseases and others as deemed appropriate. | Evidence of meeting the requirements of this term and condition shall be submitted as part of the Proponent's annual reporting to the NIRB. | See : • 2022 Annual Report section 12.1 and related appendices (2022 Socio-Economic Monitoring Program Report) |
| 110 | Individual and Community Wellness | Employee cohesion and wellness programs | To encourage the on-site cohesion and wellbeing of employees through cultural awareness and wellness programs. | The Proponent shall provide the NIRB with a description of wellness and cultural diversity/acceptance programming made available to employees and family or community members and shall report the following information with respect to each program to the NIRB annually: a. Language of instruction; b. Uptake by employees and/or family members where relevant, noting Inuit and non-Inuit participation rates; c. Completion rates for enrolled participants, noting Inuit and non-Inuit rates; and d. Issues as may relate to program content which may have been noted or present either on site or in the community and which affect Project employment or employee wellness. | Summaries of all cross-cultural training initiatives should be provided in the annual Meladine Socio-Economic Monitoring Report. | See : • 2022 Annual Report section 12.1, 12.4.2 and related appendix (2022 Socio-Economic Monitoring Program Report) |
| 111 | Individual and Community Wellness | Employee training opportunities responsible parties: The Proponent | To understand how the Proponent's employee training programs are delivered and received, including uptake and completion rates by Inuit and non-Inuit staff. | In its annual reporting to the NIRB, the Proponent is strongly encouraged to provide detailed descriptions of all employee programs and training including: a. Descriptions of the goals of each program offered; b. Language of instruction; c. Schedules and location(s) of when each program was offered; d. Uptake by employees and/or family members where relevant, noting Inuit and non-Inuit participation rates; and e. Completion rates for enrolled participants, noting Inuit and non-Inuit rates. | Evidence of meeting the requirements of this term and condition shall be submitted as part of the Proponent's annual reporting to the NIRB. | See : • 2022 Annual Report section 12.4 and related appendices (2022 Socio-Economic Monitoring Program Report, 2022 Training) |
| 112 | Individual and Community Wellness | Access to housing | To investigate ways that economic development and self-reliance may improve access to housing by employees. | The Proponent is encouraged to investigate measures and programs designed to assist Project employees with pursuing home ownership or accessing affordable housing options. | Provided the sharing of such information is consistent with and not limited by the terms and conditions of any applicable Inuit Impact Benefits Agreement, these efforts should be reported to the NIRB within the annual Meladine Socio-Economic Monitoring Report. | See : • 2022 Annual Report section 12.1 and related appendices (Socio-Economic Monitoring Program) |
| 113 | Community Infrastructure | Access to public housing | To inform the territory with respect to current housing rates, needs, and intentions to migrate as well as provide the GN with insight as to where additional resources may need to be devoted, based on trends that can be identified. | The Proponent is encouraged to collaborate with the Kivalliq Socio-Economic Monitoring Committee and the Government of Nunavut – Nunavut Housing Corporation, to design and implement a voluntary employee survey to be completed on an annual basis in order to identify any changes of address, detailed occupancy status (i.e., public/social, privately owned/rented, government, number of people sharing the resident space, etc.), housing preferences, migration intentions, and reasons for migration while respecting confidentiality of all person involved. Non-confidential results of the survey are to be reported to the Government of Nunavut and the Nunavut Impact Review Board. | The frequency and content of the survey should be determined by the collaborating parties, but content may include changes to address, housing status (i.e., public/social, privately owned/rented, government, etc.) and migration intentions of Project employees. Non-confidential results of the survey should be reported to the GN and other members of the Socio-economic Monitoring Committee and summary information of these results should be reported to the NIRB within the annual Meladine Socio-Economic Monitoring Report. | See : • 2022 Annual Report section 12.2 and 12.5, and related appendices (2022 Socio-Economic Monitoring Program) |
| 114 | Community Infrastructure | Financial literacy and housing/homeownership programs | To ensure accurate and helpful information is passed to Project employees relating to financial literacy and housing/homeownership. | The Proponent is encouraged to collaborate with the Government of Nunavut – Nunavut Housing Corporation prior to the development and inception of its programs relating to financial literacy and planning to ensure that relevant and accurate information about housing and home ownership is available and considered for inclusion. | Evidence of meeting the requirements of this term and condition shall be submitted as part of the Proponent's annual reporting to the NIRB. | See : • 2022 Annual Report section 12.5 |
| 115 | Community Infrastructure | Impacts to health services | It is important to understand potential Project-specific impacts to the local health services, as well as to ensure a clear procedure is developed for Project employee medical referrals. | The Proponent is encouraged to work collaboratively with the Government of Nunavut Department of Health to monitor the impacts of the Meladine Gold Project on health services within the LSA communities and specifically, Rankin Inlet. | Evidence of meeting the requirements of this term and condition shall be submitted as part of the Proponent's annual reporting to the NIRB. | See : • 2022 Annual Report section 12.1 and related appendices (2022 Socio-Economic Monitoring Program Report) |
| 116 | Public and Worker Health and Safety | Air quality monitoring | Adequate analysis of particulate matter is required in order to understand the potential impacts to human health. | The Proponent shall update the air quality monitoring aspect of its environmental and health risk monitoring program to include the following parameters for particulate matter: a. An analysis of the metals content of the dust collected in passive monitoring; and b. Discrete samples to be collected on a frequency to be determined in collaboration with the Government of Nunavut, from the camp, and analyzed for acrolein and aldehyde. Results are to be incorporated into the Proponent's annual reporting for submission to the NIRB. | If required, updated information regarding mitigation measures or management plans should be provided to the NIRB at least 90 days following issuance of the amended Project Certificate, and subsequent modifications to these plans should be identified and included in the Proponent's annual report to the NIRB. | See : • Air Quality Monitoring Plan • 2022 Annual Report section 7.7 and related appendices (2022 Air Quality Monitoring Report) |
| 117 | Accidents and Malfunctions | All-weather access road | To ensure overall safety through design and operation of the road, in accordance with relevant legislation and regulatory requirements. | Prior to construction Phase 2 of the all-weather access road and the Rankin Inlet bypass road, the Proponent shall consult applicable laws in Canada and Nunavut as well as meet with all regulatory agencies and the public as it finalizes its road operations plans. | The Proponent shall provide a summary discussion of its implementation of this term and condition (including the results of monitoring, adaptive management strategies, and consultation) to the NIRB through the Proponent's annual monitoring report. | Not Yet Applicable |
| 118 | Accidents and Malfunctions | All-weather access road | To ensure adequate monitoring of wildlife presence informs road management and operations. | The Proponent shall include in an updated Terrestrial Wildlife Management and Monitoring Plan (TEMMP), plans for increased caribou monitoring efforts including weekly winter track surveying and summer and fall surveys undertaken on foot twice per month. These results shall be reported to the NIRB with the Proponent's annual reporting requirements. The Proponent shall, in consultation with the Terrestrial Advisory Group or appropriate parties, develop a decision tree outlining mitigation and monitoring steps to be implemented when caribou in specified group sizes are observed within specified distances of the Project's AWAR and waterlines. | The Proponent shall provide a summary discussion of its implementation of this term and condition (including results of monitoring, adaptive management strategies, consultation, and contribution efforts) to the NIRB through the Proponent's annual monitoring report. | See : • Terrestrial Environment Management and Monitoring Plan • 2022 Annual Report section 7.8.1 and related appendices (2022 TEMMP report) |

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| 119 | Accidents and Malfunctions | All-weather access road and Adjacent Waterlines | To mitigate potential interactions of caribou with traffic along the AWAR or Waterlines | The Proponent shall include within its updated Terrestrial Environment Management and Monitoring Plan (TEMMP), a commitment to establishing deterrents along the all-weather access road (AWAR) at any areas where it is observed that caribou are attracted to the AWAR and their presence may present a risk of collisions with traffic along the AWAR (such as areas where caribou are utilizing the AWAR to facilitate movement, areas where caribou may be licking minerals/road salt from the road, areas where caribou are gathering to avoid insects, etc.). Prior to the waterlines becoming operational, the Proponent shall specify within the TEMMP and/or Spill Contingency Plan measures that will be implemented to prevent caribou from accessing or being exposed to water spilled, or otherwise released from the waterlines. | The updated TEMMP to address AWAR deterrents should be submitted to the NIRB at least 90 days prior to the construction of Phase 2 of the AWAR. The updated plan(s) associated with the waterlines should be submitted at least 90 days prior to the commencement of waterline operations. Implementation of these measures, updates to the plans, and monitoring results shall be reported and discussed in the Proponent's annual report to the NIRB. | See : • Terrestrial Environment Management and Monitoring Plan • 2022 Annual Report section 7.8.1 and related appendices (2022 TEMMP report) |
| 120 | Accidents and Malfunctions | Marine shipping | To ensure protection of the marine environment | The Proponent shall contract only Transport Canada certified shippers to carry cargo for the Project, and will ensure shippers are aware of the requirements of the Shipping Management Plan, the Risk Management and Emergency Response Plan and the Oil Pollution Emergency Plan (OPEP). | The Proponent shall provide a summary discussion of its implementation of this term and condition to the NIRB through the Proponent's annual monitoring report. | See : • Shipping Management Plan • 2022 Annual Report section 10.4 and related appendices |
| 121 | Accidents and Malfunctions | Marine shipping | To ensure protection of the marine environment | The Proponent shall monitor the ingress/egress of Project related ships at Rankin Inlet and report any accidents or spills immediately to the regulatory agencies as required by law and to the NIRB's Monitoring Officer. | The Proponent shall provide a summary discussion of its implementation of this term and condition (including the results of monitoring or adaptive management strategies) to the NIRB through the Proponent's annual monitoring report. | See : • Shipping Management Plan • Spill Contingency Plan • 2022 Annual Report section 7.8.2, 10.4 and related appendices (2022 MMSO Report) |
| 122 | Accidents and Malfunctions | Marine shipping | To ensure protection of the marine environment | The Proponent shall ensure that best practices are used at all times during ship to shore and other marine-based fuel transfer events, including implementing measures specifically designed to prevent leaks and spills resulting from ice forming on the hoses during fuel transfers. | The Proponent shall provide a summary discussion of its implementation of this term and condition (including the results of monitoring or adaptive management strategies) to the NIRB through the Proponent's annual monitoring report. | See : • Shipping Management Plan • Oil Pollution Emergency Plan / Oil Pollution Prevention Plan • Post Oil Transfer Report |
| 123 | Accidents and Malfunctions | Marine shipping | To ensure protection of the marine environment | The Proponent shall ensure that the necessary spill response equipment and training is available prior to commencing project shipping. | Evidence of meeting the requirements of this term and condition shall be submitted as part of the Proponent's annual report to the NIRB. | See : • Shipping Management Plan • Spill Contingency Plan • 2022 Annual Report section 6, 12.4.1 and related appendix (2022 Mock Spill Scenario Report) |
| 124 | Accidents and Malfunctions | Spill preparedness | To ensure protection of local water resources | Prior to construction, the Proponent shall update its Spill Contingency Plan specific to a major spill events related to hydrocarbons or releases from the waterlines occurring on the bypass road and within proximity to (and including potential spills into) Nipissar Lake. | The updated plan should be submitted to the NIRB at least 90 days prior to the start of construction. Implementation of these measures and monitoring results as well as any subsequent updates to the Plan, shall be reported and discussed in the Proponent's annual report to the NIRB. | See : • Spill Contingency Plan |
| 125 | Accidents and Malfunctions | All-weather access road | To ensure rules for use of the road are clearly communicated in the interest of providing for the health and safety of all users of the AWAR | The Proponent shall implement all such measures necessary to protect public and mine traffic on all Project roads. The measures undertaken shall include, but are not limited to: a. Prior to expansion of the AWAR, the Proponent shall update its Roads Management Plan to include a detailed consultation plan specifying the methods the Proponent will use to provide the Kivalliq Inuit Association, members of the Hunters and Trappers Organizations in the area, residents of Rankin Inlet and the Hamlet of Rankin Inlet with information regarding the safety requirements of AWAR use. The updated Plan is to be submitted to the Nunavut Impact Review Board, Kivalliq Inuit Association, Kangliqin Hunters and Trappers Organization, and the Government of Nunavut; b. Prior to the opening of the AWAR to the public, and annually thereafter, advertise and hold at least one community meeting in the Hamlet of Rankin Inlet and Chesterfield Inlet to explain to the community the rules for use of the road; c. Prior to the opening of the AWAR to the public, the Proponent shall address enforcement of health and safety rules for the operation of the road (i.e., no shooting zone) and implement necessary communications with the public (i.e., signage and public meetings), which includes, but is not limited to: i. Maintaining manned and unmanned gates as proposed along the all-weather access road; ii. The posting of signs in English and Inuktitut along the road at appropriate intervals (i.e., 10 km and bridge crossings); and iii. Place notices at least quarterly on the radio and television to explain to the community the rules for use of the road; d. Once the AWAR expansion is completed and the road is opened to the public, the Proponent shall conduct a vehicle survey four times annually (once during the weekdays during the winter season, once during the week end days during the winter season, once during the weekdays during the summer season and once during the week end days during the summer season) to record the number and types of mine vehicles and the number and type of public vehicles using the AWAR over a 12 hour period (8:00 am to 8:00 pm). The vehicle survey data shall be collated as indicated above and provided in the Proponent's Annual Report; e. Prior to the construction of the waterlines, the Proponent shall update the Roads Management Plan to address interruptions to road access that may occur during waterlines installation/construction and subsequently during waterlines operation; f. Prior to the development of the Discovery deposit, the Proponent shall update its Road Management Plan for the planned operation of the twinned road which could include additional rules, Project infrastructure, or other measures designed to maintain safety for employees and the public; and g. Report all accidents or other safety incidents on the road, to the Government of Nunavut, Kivalliq Inuit Association, the Hamlet of Rankin Inlet and the NIRB immediately. | The updated plan should be submitted to the NIRB at least 90 days prior to the start of construction of Phase 2 of the AWAR. As noted in the Board's decision on the Saline Effluent Discharge to the Marine Environment proposal, updated plans shall be submitted to the NIRB prior to undertaking transport of saline groundwater from the Meladine site to the temporary storage tank near Rankin Inlet. The updates to the plan as required due to the construction and operation of the waterlines, shall be provided to the NIRB at least 90 days prior to construction of the waterlines. Implementation of these measures and monitoring results as well as any subsequent updates to the Plan, shall be reported and discussed in the Proponent's annual report to the NIRB. | Ongoing •AWAR expansion has not occurred and regular meetings are occurring with the community. •Roads Management Plan |
| 126 | Alternatives Analysis | All-weather access road | To ensure clear and consistent communication of safety requirements and road use limitations to inform members of the public | Prior to expansion of the AWAR, the Proponent shall prepare and add to the finalized Roads Management Plan (S0 2-9), a detailed consultation plan specifying the methods the Proponent will use to provide the Kivalliq Inuit Association, members of the Hunters and Trappers Organizations in the area, residents of Rankin Inlet and the Hamlet of Rankin Inlet with information regarding the safety requirements and any limitations on public AWAR use (i.e. the "rules of the road") and to ensure that this information continues to be clearly communicated on an on-going basis while the public has access to the AWAR. | The updated plan should be submitted to the NIRB at least 90 days prior to the start of construction. Implementation of these measures and monitoring results as well as any subsequent updates to the Plan, shall be reported and discussed in the Proponent's annual report to the NIRB. | Ongoing •AWAR expansion has not occurred and regular meetings are occurring with the community. •Roads Management Plan |
| 127 | Alternatives Analysis | Marine shipping | To ensure adaptive management measures are available to address impacts to marine mammals | The Proponent shall, in coordination and consultation with the Kivalliq Inuit Association and the Hunters and Trappers Organizations of the Kivalliq communities, provide updates to its Shipping Management Plan to identify adaptive management measures that will be employed if effects monitoring identifies potential for effects on marine mammal populations along the shipping route. | The updated plan should be submitted to the NIRB at least 90 days prior to the start of construction. Implementation of these measures and monitoring results as well as any subsequent updates to the Plan, shall be reported and discussed in the Proponent's annual report to the NIRB. | See : • Shipping Management Plan • 2022 Annual Report section 11.9 and 11.10 |
| 128 | Marine Environment | - | To assess the environmental impact of the Project on the seabed and marine environment if the effluent discharge pipeline is abandoned in place or removed | The Proponent shall provide the NIRB with a detailed design for the waterlines system that includes the location of the pipeline in relation to the storage tank at Itiva, the location of submerged collars supporting the pipeline and the design of the diffuser. | To be provided to the Nunavut Impact Review Board at least 90 days prior to construction of the effluent pipeline and diffuser system. | See : •Ongoing |
| 129 | Marine Environment | - | To assess the environmental impact of the Project on the seabed and marine environment if the effluent discharge pipeline is abandoned in place or removed | The Proponent shall conduct and submit to the Board a hazard and operability assessment of the pipeline and marine outfall system as part of the land authorization process. | To be provided to the Nunavut Impact Review Board at least 90 days prior to operation of the effluent pipeline and diffuser system. | See : • Documentation provided to NIBB in March 2022 |
| 130 | Marine Environment | - | To assess the environmental impact of the Project on the seabed and marine environment if the effluent discharge pipeline is abandoned in place or removed | The Proponent shall remove the subsea pipelines and diffusers in Melvin Bay and will ensure the waterlines infrastructure at Itiva Harbour will be decommissioned and reclaimed as appropriate, when the subsea pipelines are no longer in use unless it can be demonstrated to the satisfaction of the Nunavut Impact Review Board that this infrastructure will provide a net positive environmental effect to the local ecosystem. | Information necessary to support an application for the decommissioning and removal of the subsea pipelines and diffusers and waterline infrastructure at Itiva Harbour must be provided to the Nunavut Impact Review Board for consideration at least 12 months prior to the planned decommissioning and removal. | Not Yet Active/Not Yet Applicable |
| 131 | Marine Environment | - | To prevent adverse impacts to community travel and use of local marine areas. | The Proponent shall ensure its Marine Environment Management Plan addresses a procedure for engagement with the Kangliqin Hunters and Trappers Organization (HTO) to confirm the commencement and ending of the open water season for marine effluent discharge each year. The Proponent shall also engage with the HTO and the community of Rankin Inlet when developing a program for monitoring saline effluent temperature going into the subsea pipeline, ice thickness on Melvin Bay in the vicinity of the discharge and determining appropriate communication and safety protocols applicable for travel by community members through Itiva and Melvin Bay. | A summary of actions taken are to be included in the Proponent's annual reporting to the NIRB. | Not applicable for 2022 as there was no marine effluent discharge. |
| 132 | Terrestrial Wildlife and Wildlife Habitat | Incorporation of Inuit Qaujimaningit, Inuit Qaujimaqtuqangit, Traditional and Community Knowledge | To establish an advisory group to provide technical oversight on the Project's impact management, mitigation, and monitoring measures related to the protection of terrestrial wildlife and wildlife habitat based on Inuit Qaujimaningit, Inuit Qaujimaqtuqangit, Traditional and Community Knowledge and knowledge from the western science perspective shared by Responsible Parties. | The Proponent shall, in consultation with the groups listed as Responsible Parties above, and any other parties considered by the Group to be necessary, establish a Terrestrial Advisory Group (TAG). The TAG shall hold its first meeting prior to any construction/installation of the waterlines. The central mandate of the TAG will be to continually review and refine impact management, mitigation, and monitoring details within the Terrestrial Environment Management and Monitoring Plan (TEMMP). The TAG Members will collaborate to share and consider methods, results, and analysis from caribou and terrestrial environment studies and monitoring Inuit Qaujimaningit, Inuit Qaujimaqtuqangit, Traditional and Community Knowledge shared by knowledge holders, and other terrestrial environment monitoring data as it becomes available. The Proponent will consider the information shared by the TAG Members for incorporation into the Project's impact management, mitigation, and monitoring measures related to the protection of terrestrial wildlife and wildlife habitat as appropriate. Agnico Eagle shall be responsible for demonstrating how the information shared and considered by the TAG has been incorporated into the Project's impact management, mitigation, and monitoring measures related to the protection of terrestrial wildlife and wildlife habitat as appropriate. | A finalized Memorandum of Understanding and Terms of Reference for the Terrestrial Advisory Group between the Proponent and Responsible Parties shall be provided to the Nunavut Impact Review Board (NIRB) a minimum of sixty (60) days prior to any construction of the waterlines being undertaken. An overview of information shared during Terrestrial Advisory Group meetings and how information from the TAG was considered and incorporated by Agnico Eagle into the Project's impact management, mitigation, and monitoring measures shall be provided to the NIBB on an annual basis in the Proponent's Annual Report. | See : • 2022 Annual Report Section 11.11 and related appendices (2022 TAG Report) |
| 133 | Marine Environment | General | To ensure potential impacts to the marine environment are identified and appropriately mitigated. | The Proponent shall update the Ocean Discharge Monitoring Plan to include additional monitoring conducted to validate that the volume and/or quality of water discharged into the marine environment via the waterlines does not have acute or chronic adverse effects on the marine environment, including marine water quality, marine mammals, fish, shellfish and other organisms and marine sediment. At a minimum, the additions to the updated Ocean Discharge Monitoring Plan shall include: • post-discharge monitoring in the receiving environment to validate that the concentrations of saline effluent measured 100 m from the diffuser reach near zero before ice formation; • the sublethal toxicity testing program developed and implemented by the Proponent in consultation with Environment and Climate Change Canada, including: o any benthic invertebrate studies conducted by the Proponent; • any community-based shellfish monitoring program developed and implemented by the Proponent in consultation with the Kivalliq Wildlife Board; and • monitoring conducted by the Proponent of the marine environment (including marine water quality, marine mammals, fish, shellfish and other organisms and marine sediment) under the regulatory requirements (regulations, authorizations and permits) applicable to the Waterlines Proposal | The updated Ocean Discharge Monitoring Plan must be submitted to the Nunavut Impact Review Board (NIRB) at least 60 days prior to the commencement of discharges of effluent from the waterlines into the marine environment. Thereafter, on an annual basis, the Proponent shall report the following in the Annual Report: • the results of monitoring conducted under the Ocean Discharge Monitoring Plan; • any updates or significant modifications to the Ocean Discharge Monitoring Plan since the last annual report; and • any adaptive management or mitigation measures developed or implemented by the Proponent in response to the results of monitoring under the Ocean Discharge Monitoring Plan. | Not Yet Active/Not Yet Applicable |
| 134 | Accidents and Malfunctions | Waterlines System Operation, Maintenance and Monitoring, including the Leak Detection System | To ensure there is adequate monitoring of the waterlines system, including the leak detection system, and to demonstrate that appropriate mitigation measures are initiated if waterlines leak occur. | Prior to operation, the Proponent shall submit a plain-language and visual-based summary of the waterlines as constructed and operated to facilitate community members understanding of the component and its operation and to support the review of the waterlines design and operation by interested parties. This document shall describe the construction and planned operation, maintenance and monitoring of the waterlines system, including the leak detection system. | The initial version of this summary shall be submitted to the NIBB and interested parties at least 60 days prior to the operation of the waterlines system. Subsequently, this information shall be provided in a Waterline System, Operation, Maintenance and Monitoring section that shall be submitted to the NIBB as part of the annual report | Not Yet Active/Not Yet Applicable |