

Agnico Eagle Mines Limited

HOPE BAY PROJECT 2022 Nunavut Impact Review Board Annual Report





AGNICO EAGLE

HOPE BAY PROJECT

2022 Nunavut Impact Review Board Annual Report

Prepared by
Agnico Eagle Mines Limited

Prepared for
Nunavut Impact Review Board

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Executive Summary – English

Hope Bay is a gold mining and exploration Project located on a property approximately 20 km x 80 km along the south shore of Melville Sound in Nunavut, Canada, and continued to be operated by Agnico Eagle Mines Limited (Agnico) in 2022. On February 2, 2021 TMAC was purchased by Agnico and became a wholly owned subsidiary of Agnico. Effective as of January 1, 2022, Agnico and TMAC amalgamated and continued under the Agnico name. Accordingly, by operation of law and without any further acts or steps necessary, TMAC ceased to exist and continued as Agnico, and Agnico possessed all of the property, rights, privileges and franchises and is subject to all liabilities, including civil, criminal and quasi-criminal, and all contracts, disabilities and debts of TMAC. This report to the Nunavut Water Board (NWB) has been prepared to summarize the Project activities and monitoring conducted under Agnico Type A Water Licences 2AM-DOH1335, 2AM-BOS1835, Type B Water Licences 2BB-MAE1727, 2BB-BOS1727, and the renewed exploration Type B Water Licence 2BE-HOP2232 for 2022.

In response to the health risks associated with the COVID-19 pandemic, Agnico continued the implementation of rigorous protocols and hygiene measures in order to keep its workforce and communities safe.

In February 2022, Agnico made the decision to maintain the suspension of production activities at the Doris Mill and at the Madrid North Portal. As such, mill operations remained suspended and underground activities focused on exploration development. Underground mining operations continued at Doris Mine, Agnico focused on producing from developed stopes and bringing ore to surface until March 2022, at which point operations were scaled back and underground development focused on supporting exploration activities. A grouting program at Doris helped reduce the inflows of water over the course of 2022.

The Roberts Bay Discharge system was restarted in June 2022 after it was shown that the effluents discharged could meet all MDMER requirements and discharge was continued throughout the remainder of the year. The diffuser attachment, which started in 2021, was completed in September 2022.

In the fall, Agnico concluded another successful sealift operation including the purchase and delivery of diesel fuel as well as explosives and reagents to support mining activities. Hazardous waste was successfully backhauled without incident. 571 sea cans of non-hazardous solid waste were disposed off site. Waste disposal, fuel usage and chemical storage stayed consistent with previous years.

Six spills were reported to the Nunavut Spill Line, CIRNAC Inspector and KIA Major Projects office. The remaining spills that occurred during 2022 were minor in nature and did not meet the external reporting requirements, occurring on camp pads and infrastructure, with quick response and clean up resulting in negligible impact to the receiving environment.

Water use in 2022 was conducted in accordance with the Type A Water Licence 2AM-DOH1335 for Doris-Madrid, the Type A Water Licence 2AM-BOS1835 and the Type B Water Licences 2BB-BOS1727 for Boston, the Type B Water Licences 2BB-MAE1727 for Advanced Exploration at Madrid, and the Type B Water Licence 2BE-HOP2232 for regional exploration. The referenced water licences include provisions for sampling programs that involve recording data related to the volume of water extracted for any purpose, testing of effluents (e.g., treated sewage effluents) discharged to the environment, and monitoring water quality within specific Project areas (e.g., surface discharge downstream of construction areas, storm water from an engineered containment structure, sewage, and oily water effluent, etc.). Water usage in 2022 was conducted within approved limits. There were improvements to surface water management practices at site including the segregation of underground water and the commissioning of the Saline Water Storage to optimize use of the TIA water storage. Due to limited access to the Boston site during the summer period,

efficient use of helicopter time ensured that the site was accessed for monitoring and de-watering requirements of any water containing structures. No new seepage was observed from the Madrid North Contact Water Pond located at the Madrid North site as in 2022. A water management sump was installed at the low point, allowing to recirculate any runoff from the ponds, as planned in 2022.

An application for renewal of Licence 2BE-HOP1222 was prepared and approved in 2022. This water licence lists the terms and conditions for the use of water and management of waste in conducting mineral exploration activities in the Hope Bay Belt and in the progressive closure of Windy Camp

In 2022, Agnico Community Consultation activities continued to be constrained by public health measures. Nevertheless, Agnico continued to engage stakeholders by keeping electronic lines of communication open through social media and via MS Teams meetings with stakeholders and for the first time since 2020, Agnico were able to conduct in-person consultations. More specifically the Agnico Cambridge Bay office opened to the public. Additionally, Agnico hosted an in-person session with the Inuit Environmental Advisory Committee in August 2022 to review proposed offsetting measures and NIRB held a community meeting and reviewed the Hope Bay Project in August 2022 in Cambridge Bay.

As demonstrated above, Agnico strives to continually achieve compliance with the various regulatory requirements and maintain community relationships. Environmental monitoring in accordance with the existing Water Licences, Framework Agreement, Project Certificate, authorizations, management plans and environmental effects monitoring plans will continue during 2023. Agnico is pleased to submit the details of this report to the Nunavut Impact Review Board.

Ataniuyunut Nainaqhimayug – Innuinaqtun

Kapihiliktumi kuulmik uyaraqtaqviuyug nalvaaqhiuqviuqvlunilu Havaaq iniaqtut piqutigiyauyug qanituani 20-kilamiigamik 80-kilamiitamut ilagiyaani hivuraata hinaani Melville Kagiqhuup Nunavumi, Kanatami, uyaraqtaqviuyug Agnico Eagle-kunit Uyaraktaqtinit Timiuyumit. (Agnico) 2022-mi. Iidjurvia 2-mi 2021-mi TMAC-kut niuviqtauhimayug Agnico tamaalu nanminigiyauiqhuni ilagiyaani AgnicoEagle-kut. Atuliqnigani Ubluqtuhirvia 1-mi 2022-mi, Agnico TMAC-kulu atautimukhimayut havakhimaaqhutiklu ilagani Agnico-kut atiani. Taimainigani, aulanigani maligatigut piqaginigagulu ahiinik maligaqyuanik apluriarutinikluniit aturiaqaqtunik, TMAC-kut timiuhuiqtut havakhimaaqhutiklu Agnico Eagle-kunik, Agnico Eagle-kulu pihimaliqtaait tamaita piqutit, ihumaqhuutit, atuqluaqtakhat ilagiyaailu pijutiqaalaaqtuqlu tamaini maniiyautini, inukni, ihuinarutini apiqhuutaunyunilu-ihuinarutinik, tamainiklu havaakhijutini, timimi ayuqhautinit atugariyainiklu TMAC-kut. Una unipkaaqq Nunavumi Immaliaqiyiyit Katimayinut (NWB) ihuaqhaqtahimayut naitumik uqauhiryaagani Havaami hulijutaayut amirijutiniklu ilagani Agnico-kut Qanurinigani A Immaqmik Aturiagani Laisiuyut 2AMDOH1335-guyug, 2AM-BOS1835-lu, Qanuriniga B Immaqmik Aturiagani Laisiuyut 2BB-MAE1727-guyug, 2BB-BOS1727-lu, nutaaguqtiqhimayuqlu nalvaaqhiuriagani Qanuriniga B Immaqmik Aturiagani Laisiuyug 2BE-HOP2232-guyug 2022-mi.

Upijutaayunik aaniaqtailijutinik pijutiqaqtunik QALAKYUAQNIQ-19-mit aaniarunmit, Agnico-kut atuhimaaqtut akhuurutit havauhiuyukhat halumainariamilu ihuaqhautit pihimainariagani havaktigiyatik nunagiyaayulu aanigitaagani.

Iidjurvia 2022-mi, Agnico ihumaliuqtut atuhimaaariagani nuutqaqhimalakniginik hanajutini hulijutit Doris-mi Uyaqiqvikmi Madrid-milu Tunungani Paagani. Taimainigani, uyaqijutit aulagitut nuutqaqhimalakniginik nunaplu iluani hulijutit atutaayug nalvaaqhiurutinik pivaliajutinik. Nunap iluani uyaraktarutit atuhimaaqtut Doris-mi Uyaraktaqvikmi, Agnico-kut hanaluaqtut ihuaqhaqhimayunit tuutquqtirivikhanik akyariami uyaraktaat nunap qaaganut Qiqailruq 2022-mi, talvagaanit havauhiuyut ikikligiaqhimayut nunap iluanilu pivaliajutit pijutiqaqluaqtut nalvaaqhirutini hulijutini. Himiktuijutimik havaaq Doris-mi ikayuqtug kuuktuqaqpalaagitaagani havauhiqmi 2022-mi.

Roberts Bay-mi Kuuktiviuyug atuqtug atulifaaqtug Imaruqtirvia 2022-mi nalunaiqpat atakuut kuuktitaayut nalaumalaalimata MDMER-mi aturiaqaqtunik kuuktijutitlu atuhimaaqtut nuguutpalianigani ukiup. Himiktailijutip ilagiya atuliqhimayut 2021-mi, iniqhimayug Apitilirviai 2022-mi.

Ukiakhami, Agnico-kut iniqhiyut aulaniqatiaqtumik umiakut tamayanik akyautimik niuviqnganiklu akyautiniklu uqhuqyuanik ukunigalu qaraqtitautinik avuvalukhaniklu ikayuutinik uyaraktaqniqmi hulijutini. Aanirutaulaaqtut iqakut nakuuyumik utimut akyaqtauhimayut qanurilijutiqaqtunik. 571-guyug havikyuat iglunuit aaniaqnaitunik iqagunik igitahimayut ahianit igluqaqvikmit. Iqagunik iqaijutit, uqhukhaniklu atuniginik kuviyaaqtuniklu tuutquumaviknik aulagitut atuhimayumit ukiumit.

6 kuvijutit unipkaariyayut ukunuga Nunavumi Kuviiyuqaqtat Hivayaqviuyumut, CIRNAC-kunit Ihivriuhiyi KIA-kunilu Havaariyauluaqtuliyiyit titiraqvianut. Avaliiqtut kuvijutit atuhimayut 2022-mi mikiyut nalaumagitutiklu ahinut uqariagani aturiaqaqnginik, atuqtut igluqaqaqvikmi tungaviini hanahimayulu, qilamik upijutaavlutik halumaqtiqtauvlutiklu pijutaayug ihuitpalaqtumik aturutaugitug kuviviuyumik nunami.

Immaqmik atuniga 2022-mi atuhimayug atuhugit Qanuriniga A-mik Immaqmik Aturiami Laisiuyumik 2AM-DOH1335-mik Kapihiliktumi Madrid-milu, Qanurinigani A-mik Immaqmik Aturiagani laisiuyug 2AM-BOS1835-mik Qanuriniganilu Immaqmik Aturiagani Laisiuyunik 2BB-BOS1727-mik Boston-mi, Qanuriniga B-mik Immaqmik Aturiagani Laisiuyug 2BB-MAE1727-mik Pivaalirutinik Nalvakhiuqvigiyaaagani Madrid-mi, Qanuriniganiklu B-mik Immaqmik Aturiagani Laisiuyug 2BE-HOP2232-mik nunami qiniqhiajutikhamik.

Uqauhiuyut immaqnik aturiagani laisiuyuq ilaqaqtuq pivikhaqaqnikanik naunaiyautinik havaanik ilaqaqtumik titiraqpalianiginik naunaipkutit pijutiqaqtut qanuraaluk immaqnik ahivainiginik kituniliqaa pijutauyuni, ilituqhaqnikinik halumailruvaluit (ila halumaqhitauyut annagut) kuuktitauyut maniqamut, amiriniganiklu immarikniginik talvani naunaitumi Havakviuyumi nunami (ila, qagagut kuuktitauyut ataanilu havaviuyut nunat, hilalukniganit immauyuq hanayauhimagiyuni atikhihimayuni, annagut, uqhuqyuqaqqtulu immavaluit halumailrut, taitaitut). Immaqnik atuqnit 2022-mi havaariyahimagiyut iluani agiqtauhimayut kiklikhaqaqnikini. Piqagituq aalagurutinik nunap kaagani immaqnik munarijutinik havauhiqnik igluqpaqaqviki. Pijutauniganit quyaginaq tikilviulimagitumik Boston-mi igluqpaqaqviki auyami ilagani ukiuq, ihuaqtumik atuqniga halikaptak pijutauyuq igluqpaqaqviki itiqviuvagiagani amiriviuluni immaiyaiviulunilu aturiaqaqtunik immavaluqaqtunik hanahimagiyunit. Nutaamik kuukniqmik taquyuqaqhimagituq Madrid-mit Tunungani Atakuuqviki tahiqami Madrid-mi Tunungani igluqpaqviki 2022-mi. Immaqnik munarijut papaut iliyauhimagiyut naqiniqhaani, utiqtitaaqani kuuktunit tahiqanit upalugaiyaqtauniganit 2022-mi.

Tuukhiqtuut nuutaaguqtiriagani Laisiuyuq 2BE-HOP2232 ihuaqhaqtauyuq agiqtauhimavulunilu 2022-mi. Una immaqnik aturiagani laisiuyuq titiraqhimayuq aturiaqaqtunik qanuriniqhainiklu atuqnikanik immauyut munariniganiklu atakuut havauhiuyuni uyaraktaakhanik nalvaaqhiurutini hulijutini Kapihiliktuumi umiktiqpalianiganilu Windy-mi Igluqpaqaqviki.

2022-mi, Agnico-kut Nunagiyayuyuq Uqaqatiriyaagani hulijutit ayuqhaqtitauyut inuit aaniaqtailjutinik aturiaqaqnikinik pijutauyunik KALAKYUAQNIQ 19-mit. Taimaitkaluaqtilugu, Agnico-kut upipkaihimaaqtut ilaayunik qaritauyakut uqaqatiriigutit akmaumaniginik inuit tuhaumajutainit uvuunalu MS Ikayutiriit katimaniginik ilaayulu hivuliqmik 2020-mit, Agnico-kut atuqhimayut takujutivlutik uqaqatiriigutinik. Naunaitiaqnikanik, Agnico-kut Ikaluktuutiami titiraqviat akmaumayuq inuknut munaqhivlutiklu takujutivlutik katimajutinik ukualu Inuit Avatiliqinikut Ihumakhaqhiuqtit Kamitiuyuq Niqiliqviki 2022-mi ihivriuriagani atulirumayuyut ihuilijutaugitaagani ihuaqhautit NIRB-kulu nunagiyayuyumi katimapkaihimayut ihivriuhugilu Kapihiliktuumi Havaamik Niqiliqviki 2022-mi Iqaluktuutiami.

Takuupkaktitauyumik quiliuyuni, Agnico-kut akhuuqhimaagtut atuqhimaaginariagani malitiarutinik aalatqinik malirualiuqtit atuqyainik nunagiyayuyunilu havaqatigihimaaginaqlugit. Avatauyuq amiriniganik atuqlugit taja atuqnik Immaqnik Aturiagani Laisiuyut, Qanuriniqhaagut Agiqatiriigut, Havaamik Iltaqhijutit, agirutit, munarijutinik upalugaiyautut avatauyumiklu aktuqniqagut amirijutinik upalugaiyautinik atuqhimaqniatut 2023-mi.

HOPE BAY PROJECT

2022 Nunavut Impact Review Board

Annual Report

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Acronyms and Abbreviations

Terminology used in this document is defined where it is first used. The following list will assist readers who may choose to review only portions of the document.

| | |
|--------------------|---|
| AEMP | Aquatic Effects Monitoring Program |
| Agnico | Agnico Eagle Mines Limited |
| ANFO | Ammonium nitrate/fuel oil |
| BTD | Below the dyke |
| CCME | Canadian Council of Ministers of the Environment |
| CIRNAC | Crown-Indigenous Relations and Northern Affairs Canada |
| CWP | Madrid North Contact Water Pond |
| DCN | Doris Central |
| DCO | Doris Connector |
| DFO | Fisheries and Oceans Canada |
| DNO | Doris North |
| DWV | Doris West Valley |
| ECCC | Environment and Climate Change Canada |
| EFAP | Employee and Family Assistance Plan |
| ERM | ERM Consultants Canada Ltd. |
| FEIS | Final Environmental Impact Statement |
| GHG | Greenhouse gas |
| GN | Government of Nunavut |
| GN-DCH | Government of Nunavut - Department of Culture and Heritage |
| GN-DoE | Government of Nunavut - Department of Environment |
| GN-ED&T | Government of Nunavut - Economic Development and Transportation |
| HBML | Hope Bay Mining Ltd. |
| HBVB | Hope Bay Volcanic Belt |
| HBSEWG | Hope Bay Socio-Economic Working Group |
| HR/SR | Human Resources/Social Responsibility |
| IEAC | Inuit Environmental Advisory Committee |

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| IIBA | Inuit Impact and Benefits Agreement |
| IPGs | Institutions of Public Government |
| KCC | Kitikmeot Chamber of Commerce |
| kg | Kilogram |
| KIA | Kitikmeot Inuit Association |
| km | Kilometre |
| km/h | Kilometre per hour |
| KQB | Kitikmeot Qualified Businesses |
| K-SEMC | Kitikmeot Socio-Economic Monitoring Committee |
| m | Metre |
| m³ | Cubic metre |
| MHBL | Miramar Hope Bay Ltd. |
| MDMER | Metal and Diamond Mining Effluent Regulations |
| MMER | Metal Mining Effluent Regulations |
| MOU | Memorandum of Understanding |
| N/A | Not applicable |
| NHC | Nunavut Housing Corporation |
| NIRB | Nunavut Impact Review Board |
| NPC | Nunavut Planning Commission |
| NSG | Nunavut Shared Services |
| NSRT | Nunavut Surface Rights Tribunal |
| NTI | Nunavut Tunngavik Incorporated |
| NWB | Nunavut Water Board |
| NWMB | Nunavut Wildlife Management Board |
| NWS | Naartok West |
| NWT | Northwest Territories |
| L | Litre |
| OPEP | Oil Pollution Emergency Plan |
| OPPP | Oil Pollution Prevention Plan |
| Project | Hope Bay Project |
| PM₁₀ | Particulate Matter less than 10 µm in diameter |
| PM_{2.5} | Particulate Matter less than 2.5 µm in diameter |

| | |
|--------------|---|
| QIA | Qikiqtani Inuit Association |
| SEMP | Socio-Economic Monitoring Program |
| SEMWG | Socio-Economic Monitoring Working Group |
| SNP | Surveillance Network Program |
| SOPEP | Ship Oil Pollution Emergency Plan |
| SRK | SRK Consulting |
| t | Tonne |
| TIA | Tailings Impoundment Area |
| TMAC | TMAC Resources Inc. |
| TSP | Total suspended particulate |
| TSS | Total suspended solids |
| VEC | Valued Ecosystem Component |
| WMMP | Wildlife Mitigation and Monitoring Plan |
| WSCC | Workers' Safety and Compensation Commission |

1. Introduction

Hope Bay is a gold mining and exploration Project located on a property approximately 20 km × 80 km along the south shore of Melville Sound in Nunavut, Canada, and continued to be operated by TMAC Resources Inc. (TMAC) in 2021. On February 2, 2021 TMAC was purchased by Agnico Eagle Mines Limited (Agnico Eagle) and became a wholly owned subsidiary of Agnico Eagle. Effective as of January 1, 2022, Agnico Eagle and TMAC amalgamated and continued under the Agnico Eagle name.

Agnico holds mineral claims, leases, and one Inuit Mineral Exploration Agreement that comprise an approximately 20 × 80 km property. These mineral holdings comprise the Project, on which the primary gold deposits Doris, Madrid North, Madrid South and Boston are located. The Project is host to numerous other prospective areas which suggest that economic reserves will continue to be delineated, permitted and developed, creating a multigenerational operation.

The Project is located east of Bathurst Inlet, approximately 150 km southwest of Cambridge Bay in western Kitikmeot, Nunavut, and 700 km northeast of Yellowknife. The nearest settlements are Omingmaktok, located approximately 60 km to the west, and Kingaok (Bathurst Inlet), located 130 km southwest. Both Omingmaktok and Kingaok are historical settlements; past residents have moved to Cambridge Bay or other communities, although the settlements continue to be used intermittently and seasonally.

1.1 PROJECT BACKGROUND

The Nunavut Impact Review Board (NIRB) issued the initial Project Certificate for the Project to Miramar Hope Bay Ltd. (MHBL) on September 15, 2006. On November 26, 2007, NIRB issued an appendix to the Project Certificate, *Appendix D – The Doris North Gold Mine Monitoring Program*, to Miramar which provided, in part, that MHBL is to submit an annual report for each year the Doris North Gold Mine Project is in operation until the post closure phase and sets out specific information requirements for the annual report. In December 2007, Miramar assigned all assets and liabilities it had related to the Hope Bay district, including its rights and obligations to the licence and the Doris North project, to a new business entity called Hope Bay Mining Ltd. (HBML). On December 21, 2007, Newmont Mining Corporation (Newmont) successfully purchased the controlling interest of Miramar, HBML's parent company. The assignment of the various licences and permits from MHBL to HBML was completed in early 2008. In March 2008, Newmont completed the acquisition of 100% of the shares of Miramar and its subsidiaries, and therefore assumed all responsibility for the Doris North project.

In September 2008, Newmont decided to officially defer the Doris North underground operation as a stand-alone project. This deferral was maintained until the fall of 2009. The NIRB was notified by letter on November 10, 2009, of HBML's intent to proceed with the Doris North Project. In 2010, HBML continued with the construction of Doris North infrastructure and advanced exploration. On January 31, 2012, Newmont announced that it would put the project into indefinite care and maintenance. In early 2013, Newmont sold the project to TMAC and assigned all assets and liabilities relating to the project to TMAC. The Project Certificate was assigned to TMAC on April 11, 2013. In 2015, TMAC resumed construction of the Doris North Project in preparation for mining and milling.

On June 23, 2015, TMAC applied to the NIRB to reconsider the terms and conditions in the Project Certificate to allow additional activities outlined by its 2015 Amendment Application. In the 2015 Amendment Application, TMAC extended the mine life for the Project from a two (2) year period of operations to six (6) years through mining two (2) additional mineralized zones (Doris Connector and Doris

Central zones) to be accessed via the existing portal. The expanded mining program would also increase the approved mining and milling rates to 2,000 tonnes per day, and require the restructuring of the Tailings Impoundment Area to be managed as subaerial tailings with treated effluent being transported via a pipeline for discharge into Roberts Bay. On September 23, 2016, the Board recommended that the amendment activities be allowed to proceed, and the Project will be subject to the Terms and Conditions of the revised Project Certificate No. 003.

In 2018, TMAC received permission to commence the Madrid-Boston (Phase 2) project subject to the Terms and Conditions of the Project Certificate No. 009. The scope of activities for the Madrid-Boston portion of the Project includes mobilization, construction, operation, closure, reclamation, and post-closure monitoring of three (3) gold mines along the Hope Bay Property, referred to as the Madrid North, Madrid South and Boston. After completing the review of the final environmental impact study, the Nunavut Impact Review Board issued a recommendation to the Ministers of Crown-Indigenous Relations and Northern Affairs Canada for approval of a new Project Certificate for the Madrid and Boston mines, which approval was granted on November 12, 2018. The final permitting for the Madrid and Boston projects was completed on January 14, 2019, with the approval of two Type A Water Licences as recommended by the Nunavut Water Board (NWB) on December 7, 2018.

On February 2, 2021, TMAC was purchased by Agnico Eagle Mines Limited and became a wholly owned subsidiary of Agnico. Effective as of January 1st, 2022, Agnico Eagle and TMAC amalgamated and continued under the Agnico Eagle name. Accordingly, by operation of law and without any further acts or steps necessary, TMAC ceased to exist and continued as Agnico Eagle Mines Limited, and Agnico Eagle Mines Limited possessed all of the property, rights, privileges and franchises and is subject to all liabilities, including civil, criminal and quasi-criminal, and all contracts, disabilities and debts of TMAC.

Throughout 2022, Hope Bay was operated under both revised Project Certificate No. 003 and Project Certificate No. 009. This annual report and supporting appendices provide the Project's position in 2022 in relation to the applicable Terms and Conditions included in both Project Certificates. During 2023, Agnico plans to continue to demonstrate compliance with the various regulatory requirements applicable to the Project while maintaining constructive and positive community relationships. Environmental monitoring in accordance with the Project phase and existing Water Licences, Framework Agreement, Project Certificates, authorizations, management plans and environmental effects monitoring plans will continue.

2. Regulatory Framework and Legal Matters

The territory of Nunavut was created on April 1, 1999, through the Nunavut Agreement. Nunavut is made up of three Regions: Kitikmeot, Kivalliq, and Qikiqtani. The Hope Bay Project is in the Kitikmeot Region. At present, the regulatory process for mineral resource development in Nunavut is co-managed by the Government of Canada, Nunavut Tunngavik Incorporated (NTI), Regional Inuit Associations such as the Kitikmeot Inuit Association (KIA) and the Government of Nunavut (GN), and Institutions of Public Government (IPGs). Each has specific mandates and responsibilities, however, there is some overlap. The five IPGs that were created through the Nunavut Agreement to manage various aspects of project development within Nunavut are:

- Nunavut Impact Review Board;
- Nunavut Planning Commission (NPC);
- Nunavut Surface Rights Tribunal (NSRT);
- Nunavut Water Board; and
- Nunavut Wildlife Management Board (NWMB).

Currently an approved land use plan is not in place for the Kitikmeot Region in which the Project is based and as such a review of applications relating to the Project is not required by the NPC. Once an approved land use plan is in place, NPC will carry out an initial review to determine compliance of proposed project applications.

The environmental assessment process is run by the NIRB. The Nunavut Agreement sets out the environmental assessment process for Nunavut and the requirements for the NIRB to conduct screenings and reviews. Once the process is complete and approved, the NIRB issues a Project Certificate that sets out the terms under which the project can proceed and related project approvals can be issued. Crown -Indigenous Relations and Northern Affairs Canada (CIRNAC), amongst others, participates on behalf of the Government of Canada as an intervener in the Project Certificate process and, once issued, supporting enforcement of the terms and conditions of the NIRB Project Certificate(s). In relation to Hope Bay, Agnico currently holds two (2) Project Certificates from the NIRB as summarized in Table 2-1.

The NWB is responsible for issuing water licences that allows the use of water and deposit of compliant effluents into water. Like the NIRB process, CIRNAC participates as an intervener in the licensing process and, once issued, enforcing the terms and conditions of the NWB water licence(s). The NWB, through the water licensing process, may identify additional legislation and regulations governing waters that may be applicable. In relation to its current operation, Agnico currently holds five (5) Water Licences from the NWB as summarized in Table 2-1.

The Nunavut Agreement requires the establishment of legislation for land use planning and environmental assessment. The *Nunavut Planning and Project Assessment Act* formally establishes the NIRB and the NPC in legislation, describes in detail the processes under which they operate, and provides timelines which are expected to provide additional predictability and certainty for developers.

Table 2-1. Key Hope Bay Permits/Licences and Approvals

| Name | Approval No. | Scope / Purpose | Term / Duration | Expiration Date |
|---|---------------------|--|------------------------|------------------------|
| Nunavut Impact Review Board (NIRB) Project Certificate | 009 | Authorization for Madrid-Boston to proceed, provided certain conditions and requirements are incorporated in the various regulatory permits and authorizations issued by the regulatory agencies with permitting authority for the Hope Bay Project. The Project includes the construction of all required surface Infrastructure and operation of three new mines at Hope Bay: Madrid North, Madrid South and Boston. | Life of Doris Project | None |
| | 003 | Authorization for Doris to proceed provided certain conditions and requirements are incorporated in the various regulatory permits and authorizations issued by the regulatory agencies with permitting authority for the Hope Bay Project. | Life of Doris Project | None |
| NWB Type A Water Licence Amendment No.2 | 2AM-DOH1335 | Water Licence for Doris and Madrid project that authorizes the construction, operation and reclamation of the Doris, Madrid and the all-weather road of the Hope Bay Project. Licence scope includes Amendment No.1. | 22 years | March 2035 |
| NWB Type A Water Licence Amendment No.1 | 2AM-DOH1323 | Water Licence for Doris with a 10-year term that authorizes the construction, operation and reclamation of the Doris Project. Licence was renewed (with certain amendments) in November 2016. – Superseded by Amendment No. 2 2AM-DOH1335. | 10 years | August 2023 |
| NWB Type A Water Licence Amendment | 2AM-BOS1835 | Water Licence for the Phase 2 Boston Site that authorizes the construction, operation and reclamation of the Boston Project. | 17 years | March 2035 |
| Type B Water Licence for the Hope Bay Volcanic Belt (HBVB) including a camp at Windy Lake | 2BE-HOP2232 | Water Licence that allows for the use of water and disposal of waste associated with regional exploration program including drilling and camp operations. | 10 years | June 2022 |
| Type B Water Licence for bulk sample exploration at Boston | 2BB-BOS1727 | Water licence that allows for the use of water and the disposal of waste for the Boston Advanced Exploration Project. Licence was renewed in July 2017, was formerly 2BB-BOS1217. | 10 years | July 2027 |
| Type B Water Licence for Madrid Advanced Exploration Amendment No.2 | 2BB-MAE1727 | Water licence that allows for the use of water and the disposal of waste for an undertaking classified as Mining and Milling as per Schedule II of the Regulations for the Madrid Advanced Exploration Project (amended in 2018). | 10 years | May 2027 |

(continued)

Table 2-1. Key Hope Bay Permits/Licences and Approvals (continued)

| Name | Approval No. | Scope / Purpose | Term / Duration | Expiration Date |
|---|--------------|--|---|-----------------|
| Framework Agreement | | Framework Agreement provides comprehensive land tenure governing the issuance of surface exploration licences, advanced exploration leases, commercial leases, and compensation associated with tenure. Framework Agreement includes a belt wide Land Use Licence, an Inuit Impact and Benefits Agreement (IIBA) and a Water and Wildlife Agreement. Framework Agreement was signed in March 2015 for belt wide land tenure. | 20 years | March 2035 |
| Water and Wildlife Agreement | | Included as a Schedule to the Framework Agreement, this Agreement details compensation to be provided to the Kitikmeot Inuit Association (KIA) and Inuit beneficiaries for negative effects that may occur to wildlife harvesting and water as a result of mining related activities across the Belt. | 20 years | March 2035 |
| Amended and Restated Inuit Owned Lands Commercial Lease | KTCL 313D001 | Commercial Lease for use of designated lands associated with the HBVB area. Currently, lands have been designated that encompass Doris. Expansion to include other areas of the HBVB is administrative in nature. Original Commercial Lease was amended and restated in March 2015 as a means to obtain surety of belt-wide land tenure. | 20 years | March 2035 |
| Inuit Impact and Benefits Agreement | | Included as a Schedule to the Framework Agreement, this Agreement details the benefits to be provided to the KIA and Inuit beneficiaries from the Hope Bay Project, including compensation, employment and contracting opportunities. The IIBA originally signed in association with Doris was revised in March 2015 and expanded in scope to encompass belt wide activities. | 20 years | March 2035 |
| KIA Advanced Exploration Agreement | KTAE15C002 | Agreements as per the terms of the Framework Agreement advanced exploration at Boston. | 5-year renewable annually thereafter for up to 20 years | March 2023 |
| KIA Land Use Licences | | Enables exploration activities across the Hope Bay Belt as per the terms of the Framework Agreement. | 1-year automatic renewable for 20 years | March 2023 |
| Department of Fisheries and Oceans Canada (DFO) authorization | NU-02-0117.2 | Construction of the jetty in Roberts Bay. | N/A | December 2009 |
| | NU-02-0117.3 | Construction of the Doris Tailings Impoundment Area (TIA) north dam. | Life of Mine | None |

(continued)

Table 2-1. Key Hope Bay Permits/Licences and Approvals (completed)

| Name | Approval No. | Scope / Purpose | Term / Duration | Expiration Date |
|---|---------------------------|---|-----------------|-----------------|
| Navigable Waters Permit | 8200-02-6565 | Installation of the jetty in Roberts Bay. | N/A | N/A |
| | 2018-600028 | Approval for Jetty in Roberts Bay | N/A | N/A |
| | 2018-600006 | Approval for Marine Outfall Berm | N/A | N/A |
| Jetty Lease | 77A3-1-2 | Foreshore lease from the Crown for construction and operation of the Roberts Bay Jetty. | 30 years | June 2047 |
| Marine Outfall Berm | 77A/3-3-2 | Lease from Crown for construction and operation of Roberts Bay Marine Outfall Berm. | 30 years | July 2048 |
| Amendment to Schedule 2 of the Metal Mining Effluent Regulations (MMER) | Registration SOR/2008-216 | Designation of Tail Lake as a tailings impoundment. | Life of Mine | None |

The current federal Acts and Regulations that most commonly apply to mining projects in Nunavut include the following:

- *Aeronautics Act*, Canadian Aviation Regulations;
- *Arctic Waters Pollution Prevention Act*, Arctic Waters Pollution Prevention Regulations;
- *Canada Shipping Act*;
- *Canada Transportation Act*, Ammonium Nitrate Storage Facilities Regulations, Flammable Liquids Bulk Storage Regulations;
- *Canadian Environmental Protection Act*;
- *Explosives Act*;
- *Fisheries Act*, and Regulations, including Metal and Diamond Mining Effluent Regulations;
- *Greenhouse Gas Pollution Pricing Act*, and Regulations;
- *Migratory Birds Convention Act*, and Regulations;
- *Navigation Protection Act*;
- *Nunavut Land Claims Agreement Act*;
- *Nunavut Waters and Nunavut Surface Rights Tribunal Act*;
- *Species at Risk Act*;
- *Territorial Lands Act*; and
- *Transportation of Dangerous Goods Act*, and Regulations.

The Nunavut legislation that most commonly apply to projects in Nunavut includes the following:

- *Apprenticeship, Trades and Occupations Certification Act*;
- Building Codes;
- *Business Corporations Act*;
- *Emergency Medical Aid Act*;

- *Engineers, Geologists and Geophysicists Act*;
- *Environmental Protection Act*, Spill Contingency Planning and Reporting Regulations;
- *Explosives Use Act*, Explosives Use Regulations;
- *Fair Practices Act*;
- *Fire Prevention Act*, Fire Prevention Regulations;
- *Historical Resources Act*;
- *Human Rights Act*;
- *Information and Protection of Privacy Act*;
- *Labour Standards Act*;
- *Mine Health and Safety Act*, Mine Health and Safety Regulations;
- *Nunavut Planning and Project Assessment Act*;
- *Occupational Training Agreements Act*;
- *Public Health Act*, Camp Sanitation Regulations;
- *Scientist Act*;
- *The Safety Act*;
- *Transportation of Dangerous Goods Act*, Transportation of Dangerous Goods Regulations;
- *Wildlife Act*, and
- *Workers Compensation Act*.

A listing of the key regulatory instruments that allowed for work to be completed in 2022 for the Project is provided in Table 2-1.

A concordance table demonstrating compliance with annual reporting requirements of Project Certificates No. 003 and No. 009 is provided in Appendix A of this report.

3. Summary of Project Activities in 2022

3.1 CONSTRUCTION AND OPERATIONS

3.1.1 Doris

- Doris milling activities remained suspended since October 2021 and underground ore extraction on the Project was subsequently suspended in February 2022.
- Completed sealift operation with delivery of supplies, diesel fuel, explosives and reagents to support site and exploration activities.
- The Roberts Lake Fish Enhancement Monitoring Program was active and monitoring was completed during the ice-free months.
- The Saline Water Storage, a temporary structure, was build within the TIA limits to allow for segregation of underground water with high salinity and TIA water with low salinity.
- After confirming that water from underground was compliant with MDMER regulations, discharge begun in June. All parameters remained under MDMER limits during discharge.
- Reattachment of the Roberts Bay Discharge System diffuser was completed in September.
- Completed construction of a new core storage area beside quarry 2.
- New core shack and exploration facility was built by the helicopter landing area.
- A new garage in a temporary dome was built at the upper laydown for use by the exploration group.
- Training, maintenance and calibration occurred at the Doris Air quality station.
- In October, TIA water was compliant with MDMER thus allowing discharge to recommence. During the TIA water discharge, the underground water was reporting to the Saline Water Storage.
- Work was initiated during 2022 to build a new TIA effluent water treatment plant with commissioning planned before freshet 2023.
- The construction of an interim dike design to replace the temporary Aquadam began in fall 2022.
- Relocated and erected dome to house a composter has begun in the area of quarry 2.
- Hazardous waste was backhauled without incident.

3.1.2 Madrid

- Dismantling of most of the old Windy camp.
- Fresh water intake at Windy Camp was moved further from the water line and upgraded.
- Naartok Crown Pillar Recovery Trench was dewatered in preparation for the excavation of a new mine portal within the pit.
- Ore extraction and development at Madrid remained suspended.

Agnico announced its decision on February 18, 2022 to place the Doris Mill into Care and Maintenance and suspend production on the Project. Care and Maintenance at Doris and Madrid includes the temporary suspension of ore extraction at Doris and Madrid and milling operation at the Doris Mine. Agnico has

continued advanced exploration activities as well as management and modification of facilities to remain in regulatory compliance with various permits, licenses, and approvals for the Project.

Following the acquisition in 2021, Agnico continued processing ore at a reduced rate and achieved steady state processing and improved gold recovery. In October 2021 the mill was shutdown to optimize underground development and stockpile ore for the mill. As a result, no ore was processed in the mill in 2022. As part of the mill shut-down, 164,902 cubic metres (m³) of water was reclaimed from January to March 2022, but no tailings were stored in the TIA nor used as backfill underground.

Discharge to Robert's Bay was suspended in November 2021 due to the coming into force of the MDMER toxicity testing for *Acartia tonsa*. Furthermore, as a result of entering into care and maintenance, in 2022 Agnico reviewed the underground and surface water management strategy to ensure the discharge remained compliant with MDMER while ensuring to maintain sufficient water storage within the TIA. A series of technical meetings with subject matter experts laid out a plan, and a design for the Saline Water Storage (a temporary water filled, impermeable cofferdam) was finalized, submitted to the NWB and approved to segregate saline and freshwater within the TIA. The Saline Water Storage was constructed on the tailings beach creating two separate basins within the TIA. Further to this, an "interim berm" design was approved by the NWB and construction is underway as a long term water segregation solution within the footprint of the approved TIA.

The initial steps to retrieve and relocate the Roberts Bay Discharge System diffuser began in 2021, were completed during the open water season in 2021 and the final reattachment of the diffuser was completed in September 2022. Through monitoring, segregation and management of underground water and surface water, safe storage within the TIA, discharge to Robert's Bay from underground water started in June 2022. From October through December 2022, 233,000 m³ of TIA water was discharged to the ocean.

In the fall, Agnico concluded another successful sealift operation including the purchase and delivery of diesel fuel as well as explosives and reagents to support mining and milling activities. Hazardous waste was successfully backhauled without incident. No sea cans of hazardous waste were shipped south in 2022 and 571 sea cans of non-hazardous solid waste were disposed off site. Waste disposal, fuel usage and chemical storage stayed consistent with previous years.

Site layouts and aerial photos for the Belt are provided in Appendix B of this report and provide details of the existing camps, infrastructure and equipment at site.

3.2 ROBERTS BAY DISCHARGE

The Hope Bay Project began depositing effluent into Roberts Bay, in accordance with MDMER, at a rate in excess of 50 m³ per day on February 1, 2020. This triggered the requirement for Environmental Effects Monitoring (EEM) studies as part of the Metal and Diamond Mining Effluent Regulations (MDMER; SOR/2002-222) under the federal *Fisheries Act*. This includes effluent characterization sampling, acute and sublethal toxicity testing, and receiving environment water quality monitoring. In 2022, Agnico continued effluent discharge to Roberts Bay beginning on June 14, 2022 and throughout 2022. No non-compliances of the authorized limits set out in Schedule 4 of MDMER occurred in 2022. No effluent samples were determined to be acutely lethal in 2022.

3.2.1 2022 Effluent Quantity

In total 316,356 m³ were discharged to Roberts Bay between June 2022 and the end of the year, with an average daily rate of just over 1,500 m³/day (Figure 3-1). Discharge to Roberts Bay was from the TIA and underground advanced exploration.

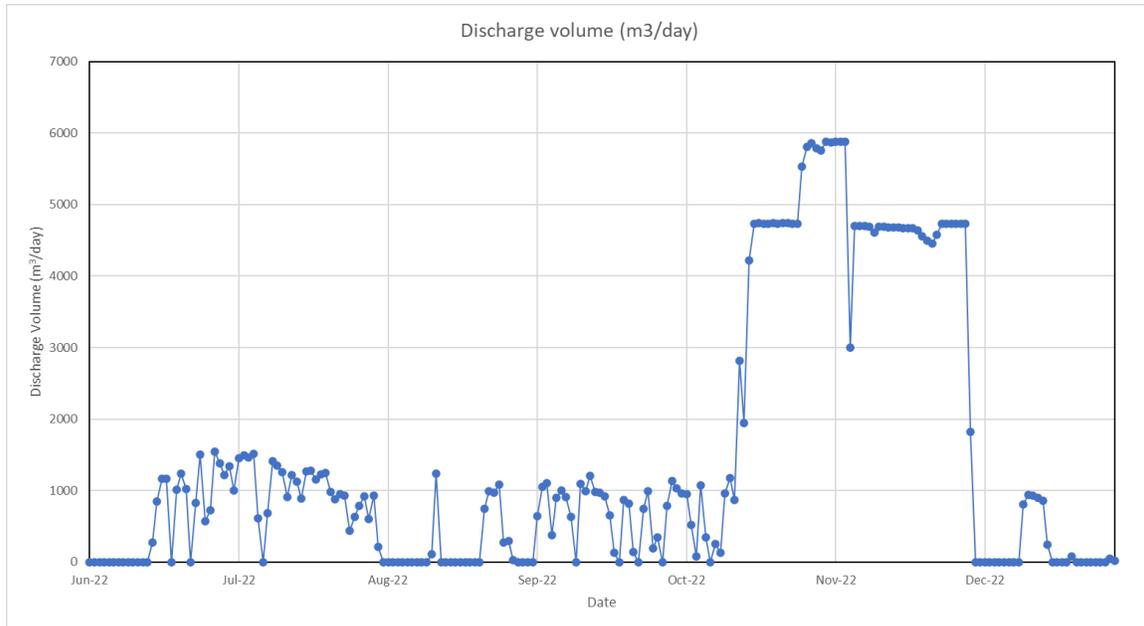


Figure 3-1. Roberts Bay Daily Effluent Discharge Rates

3.2.2 2022 Effluent Characterization and Sublethal Toxicity Testing

Effluent quality met MDMER limits during the entire period of discharge in 2022 (Appendix F) and water quality sampling and Acute lethality testing showed no exceedances to discharge criteria. Acute toxicity testing was conducted on Rainbow Trout, *Daphnia magna*, *Acartia tonsa*, and threespine stickleback.

No discharge occurred in Q1. Effluent characterization samples were collected in Q3 and Q4 of 2022.

3.2.3 Water Quality Monitoring at Exposure and Reference Areas

In 2022 water quality monitoring samples for the exposure and the reference areas were collected in accordance with MDMER (Appendix F). This monitoring included in situ measurements of temperature, dissolved oxygen, conductivity, salinity and pH, and collection of water quality samples at three depths at each of the exposure and reference locations.

3.2.4 Environmental Effects Monitoring under MDMER

An interpretive report was prepared for submission to ECCC before February 1, 2023 (i.e., 36 months after the day the mine became subject to the MDMER) and is found in Appendix G. In summary the interpretive report found that effluent quality met all MDMER monthly mean and grab sample concentration limits and showed no acute toxicity to test organisms. Annual mean and grab sample mercury and selenium concentrations throughout the Phase 1 EEM were below the triggers for fish tissue sampling under EEM. Sublethal toxicity results showed that effects were observed to Giant Kelp in 2020 and 2021 but not in 2022. Rapid dilution of effluent within Roberts Bay and the concentrations at which effects were observed poses low risk to aquatic life within the receiving environment.

The influence of the Hope Bay Mine discharge on Roberts Bay is nearly undetectable. Mean concentrations of ammonia, nitrate, and manganese were slightly elevated at the effluent-exposed area compared to the reference area for mid-depth samples in 2021, indicating the presence of effluent, however no observable difference was present for other years, or for any other parameters over the duration of Phase 1.

Phosphorus mean annual concentrations exceeded chronic CWQG (Canadian Water Quality Guidelines) during one sample year, however concentrations were elevated at both the effluent-exposed and reference areas, indicating a natural influence within Roberts Bay, rather than a mine-related influence.

Within Roberts Bay, effluent mixing occurs rapidly, resulting in a limited effluent plume and negligible concentrations of mine-indicator parameters in receiving environment samples. Based on this, no sublethal toxicity to test organisms in 2022, and no impairment to water quality within the receiving environment, the Hope Bay Mine discharge is likely not having an impact on Roberts Bay.

3.3 EXPLORATION

The 2022 Exploration and Geoscience program at Hope Bay consisted of both underground and surface diamond drilling. The 2022 exploration program at Doris included drilling high-grade targets in the Below the Dyke (BTD) extension for mineral resource expansion and drilling in the Doris Central (DCN), Doris West Valley (DWV). The 2022 exploration program at Madrid included drilling Naartok West (NWS-HBM) and Naartok East (HBM) for further resource and mine developments but as well for extension and exploration purposes. A total of 108,670 m in 276 diamond drill holes was completed in 2022.

Boston exploration camp was occupied during the summer to conduct repairs and maintenance to support future exploration. As a result, the exploration team began construction of a new Sewage Treatment Plant.

3.3.1 Drilling

Underground diamond drilling occurred throughout the year in 2022. The diamond drilling program focused on expansion of the high-grade zones within the Doris BTD, conversion and infill drilling in the Doris West Valley (DWV), Doris North (DNO) and infill drilling in the Doris Connector North (DCO) to support mine planning. Several geotechnical holes were also drilled to determine water inflows and were used to grout water-making structures. A total of 55,805 m in 211 underground diamond drillholes were completed in 2022.

Agnico contracted Geotech Ekutak Drilling Services Ltd. and Major Drilling Group International Inc. to complete the diamond drilling on the Hope Bay Belt for both underground and surface operations in 2022. On surface, no drill setup or associated items were placed within 31 m of any waterbody during the open water season and no spills were reported into water bodies. Drill cuttings and mud were contained within a recirculation system and were transported or pumped and stored in approved containment areas including the TIA at Doris.

Surface diamond drilling activities for the 2022 Exploration and Geoscience program occurred throughout the year in 2022. Diamond drilling mainly focused on targets proximal to the Doris and Madrid deposits. All current drill sites on surface were reclaimed following the decommissioning of drills. A total of 65 surface diamond drill holes totalling 52,865 m was completed in 2022. A plan is in place to address the backlog of legacy drill sites.

4. Summary of Project Plans for 2023

4.1 CONSTRUCTION AND OPERATIONAL WORK PLANS FOR FUTURE YEAR (2023)

Although Hope Bay will remain in Care and Maintenance, the following activities are planned for the Doris site and associated permitted infrastructure for 2023.

4.1.1 Doris

The following activities are planned for the Doris site and associated permitted infrastructure for 2023:

- Maintenance of Roberts Bay Discharge System;
- Completion of construction of Water Treatment Plant at the TIA;
- Completion of construction of Interim Dike at the TIA to replace the Aqua Dam;
- South Dam Berm Protection Enhancement;
- Construction of Diversion Berm and/or Diversion Ditch at Doris Crown Pillar Recovery Trench; and
- Development of quarries.

4.1.2 Madrid

The following activities are planned for the Madrid site and associated permitted infrastructure for 2023:

- Installation of mitigation measures for existing Madrid Contact Water Pond.

4.1.3 Boston

No development is planned for the Boston site and associated permitted infrastructure for 2023.

4.2 EXPLORATION WORK PLANS FOR FUTURE YEAR (2023)

Exploration activities for 2023 will include surface and underground diamond drilling. Surface drilling will mainly focus on exploration drilling on both Doris and Madrid Deposits. Some near mine regional drilling will also occur during the summer fly season. Care and Maintenance activities will be reported under a separate cover.

Surface diamond drilling planned for 2023 will consist of 65,000 m split between Doris and Madrid Deposits. Two thousand (2,000) metres of additional drilling is planned for near mine regional exploration drilling. Underground activities will be primarily focused on exploration drilling within the Doris deposit. Underground exploration will consist of 55,000 m of drilling.

5. Community Consultation

Agnico is committed to engaging positively and effectively with local communities in a manner that emphasizes respect, integrity and demonstrates a willingness to learn from experience and embrace necessary change. Agnico recognizes that maintaining engagement and community involvement is necessary throughout the mining cycle, and critical to continuous improvement. Agnico bases its approach to community involvement on the following principles:

1. Identify all Stakeholders in our operations;
2. Effectively engage Stakeholders and establish a dialogue;
3. Provide Stakeholders with means to respond to us as well as generate responses; and
4. Report to Stakeholders and regulators on our Engagements.

Agnico operates within Nunavut, and on Inuit Owned Lands. The Kitikmeot Inuit Association (KIA), representing the Inuit of the Kitikmeot region, advised Agnico during the Inuit Impact and Benefits Agreement (IIBA) negotiation process that all Kitikmeot communities are considered affected by Hope Bay. As a result, Agnico considers every Kitikmeot Inuk, and their representative organizations including the KIA to be Stakeholders in the Belt. For the purposes of local community engagement, communities involved in the Belt include Kugaaruk, Taloyoak, Gjoa Haven, Cambridge Bay, Umingmaktok, Kingaok, and Kugluktuk, comprising the Kitikmeot region of Nunavut.

In order to effectively engage, establish and maintain a dialogue with Agnico various local communities, Agnico has implemented a number of steps and activities designed to support two-way communication. These efforts and activities are described in the subsections below.

In 2022 Community Consultation activities were severely constrained by public health measures enacted by the Government of Nunavut Department of Health pursuant to the Nunavut public health emergency declared in response to the COVID-19 pandemic.

5.1 CAMBRIDGE BAY OFFICE

Agnico maintains an office in Cambridge Bay, which is the closest, occupied, affected community to the Hope Bay Greenstone Belt. The office is centrally located in the community, furnished with bilingual signage, and accessible by the public during regular business hours, including wheelchair access.

The primary purpose of this office is to facilitate community engagement. The Cambridge Bay office supports Agnico's engagement of government, regulators, intervenors, interested members of the public, employees, those seeking employment at Hope Bay and other interested parties.

Staff of the Cambridge Bay office are available to communicate directly with local Stakeholders and participate in a number of regional and territorial events that regularly occur in Cambridge Bay, thereby informing communities of Agnico operations, and actively soliciting feedback. The Cambridge Bay office is staffed with a Director of Western Nunavut Affairs, a Agnico Liaison and a Human Resources / Social Responsibility (HR/SR) Coordinator. They engage regularly with the public using two-way communications for a variety of activities including:

- Employee and public relations;

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- Annual community awareness meetings;
- Regular meetings with individual Inuit job seekers;
- Recruiting and onboarding Inuit personnel;
- Regular communications with Community Liaison Officers in the Kitikmeot;
- Annual meetings between KIA and Agnico Presidents;
- Annual updating of KIA Board by Agnico Executive;
- Attendance at the KIA Annual General Meeting;
- Quarterly participation in the IIBA Implementation Committee;
- Presentation of the IIBA Annual Evaluation Report to the KIA Board;
- At a minimum, semi-annual meetings of the Inuit Environmental Advisory Committee (IEAC) in order to review environmental management and monitoring plans, discuss project related environmental issues, and obtain advice from knowledgeable Inuit on these matters;
- Meetings between Agnico staff and Kitikmeot Qualified Businesses;
- Regular meetings with relevant KIA Lands, Employment and Training and Executive staff; and
- Annual visits of the KIA Board, IIBA Implementation Committee, IEAC, and individual harvesters at Hope Bay.

During 2022, public health measures impeded or precluded implementation of the Community Involvement Plan. These measures included public closures of offices of Agnico and Stakeholders, Event cancellations, group size restrictions, travel restrictions. These measures prevented Agnico from communicating directly with the Cambridge Bay public, and to engage in face-to-face meetings with stakeholders. The uncertainty created by the pandemic in Nunavut also prevented Agnico from implementing the Community Involvement Plan; although it may have been possible to engage with stakeholders at any given time in 2022, there was no assurance this would hold true long enough for engagements to be scheduled and concluded.

5.2 ENGAGEMENT WITH INUIT THROUGH THE IIBA

In accordance with the Hope Bay Inuit Impact and Benefit Agreement (IIBA), signed in 2015, Agnico regularly engages Inuit on a range of matters directly as well as through the KIA. The IIBA includes the following schedules which contain specific provisions of adaptive socio-economic effect mitigation measures aimed at Kitikmeot Inuit:

- Schedule D – Training and Education Opportunities: whereby Inuit are provided support and training for opportunities at the Hope Bay Project;
- Schedule E – Employment: whereby measures and supports are provided to maximize Inuit participation in the Hope Bay Project;
- Schedule F – Business and Contracting Opportunities: whereby Inuit are provided business and contracting opportunities; and
- Schedule I – Inuit Environmental Advisory Committee: whereby Inuit have the opportunity to receive and consider information, provide advice and attempt to resolve community concerns relative to the environment and wildlife for the Hope Bay Project.

During 2022, engagement between Agnico and the KIA for the purposes of implementing the Hope Bay IIBA were curtailed due to office closures and travel restrictions made as a result of the COVID-19 public health emergency.

In February 2022, Agnico placed Hope Bay under Care and Maintenance, and ceased gold production at Doris Mine. The Care and Maintenance clauses in the Hope Bay IIBA were put in effect, reducing Agnico's obligations and commitments under this agreement, primarily in the areas of Inuit Employment and Training.

5.3 COMMUNITY AWARENESS: KITIKMEOT COMMUNITY MEETINGS

Agnico is committed to undertaking annual regional consultation tours of the Kitikmeot region. The tours consist of visits to each Kitikmeot community by Agnico community relations staff and relevant subject matter experts. During community consultation tours, public meetings are scheduled in each community, and in-person meetings are arranged with local stakeholders.

The 2022 annual Kitikmeot Community meeting tour was cancelled due to the COVID-19 public health emergency.

On June 23, 2022, Agnico was able to conduct a community meeting in Cambridge Bay to provide the public with an update on the Hope Bay Project, and explain the decision to place the operation under Care and Maintenance.

5.4 COMMUNITY AWARENESS: KITIKMEOT CAREER AWARENESS SESSIONS

Agnico hosts community and information and career awareness sessions in all Kitikmeot communities annually in order to maximize Inuit employment opportunities at Hope Bay. The purpose of these sessions is to provide information on:

- expected labour needs of Hope Bay;
- the skills, behaviours and qualifications required for employment and advancement at Hope Bay;
- the training opportunities and educational support programs available to prepare for employment at Hope Bay; and
- career opportunities in related fields such as science, technology, mathematics, or professional services.

During half of 2022, the Hope Bay site continued to be physically separated from Kitikmeot communities in order to eliminate the potential for COVID-19 transmission from mine workers to Kitikmeot residents. A Return-to-Work proposal and plan to allow Kitikmeot (Nunavut) based staff to be hired to work at Hope Bay was approved by the Nunavut Public Health Officer in Q1 2022. Agnico began the hiring process to bring Kitikmeot exploration workers to site shortly thereafter. By Q2 2022, Kitikmeot workers were able to work at Hope Bay under care and maintenance and exploration duties, for the first time since the start of the global pandemic. Kitikmeot workers were routed through Yellowknife, NWT utilizing commercial flights in order to be tested for Covid-19 prior to the start of their work rotation, via southern charter flights.

During most of 2022, Kitikmeot schools and college locations were subject to public health closures on a case-by-case basis. Therefore, Agnico did not have certainty of access to target audiences necessary to implement a Kitikmeot Community Career Awareness Tour.

5.5 SOCIAL MEDIA

Agnico maintains a company Facebook™ page to both share operational information with communities and increase awareness of mining. In 2022, in response to the acquisition of TMAC Resources by Agnico, the Hope Bay social media presence was adjusted to reflect the change in ownership. Agnico uses its

Facebook™ page to augment information distributed through Agnico's website. Agnico also makes use of Kitikmeot community Facebook™ pages to advertise job postings, meeting notices, and any other news that may be of interest to Nunavut Stakeholders (<https://www.facebook.com/AEMHopeBay>).

Comments, questions or concerns received via social media are addressed promptly in a manner consistent with public meetings.

5.6 ELECTRONIC MAIL

Agnico maintains and periodically updates a listing of electronic mail addresses of Stakeholders, including select community members. This listing includes, but is not restricted to the following:

- Public elected officials;
- Inuit elected officials;
- Relevant federal and territorial regulator employees;
- Relevant Inuit Organization employees;
- Relevant Municipal officials; and
- Relevant training and employment agency employees.

When necessary, Agnico distributes electronic mail messages to this listing to inform them of Agnico related events, news and happenings. This engagement activity is conducted to ensure that Stakeholders and communities are well informed, encouraged to provide feedback, and if willing, able to plan participation in any future Agnico engagement.

5.7 NUNAVUT EVENT PARTICIPATION

Agnico ensures it is well informed of key events that occur on an annual basis in Nunavut that represent opportunities for community involvement and dialogue. Agnico makes staff available to attend these events in order to foster communication. Agnico also provides financial support as appropriate to event planning groups in order to assist in paying for event costs. Sponsored events include the following:

- Kitikmeot Mayor's Meeting;
- Kitikmeot Trade Show; and
- Nunavut Mining Symposium.

In 2022, both the Kitikmeot Mayor's Meeting and the Kitikmeot Trade Show were cancelled due to the COVID-19 public health emergency. The Nunavut Mining Symposium Society did move forward with an in-person event in Iqaluit in May, which Agnico attended and sponsored.

5.8 STAKEHOLDER REPRESENTATIVE ORGANIZATIONS

Agnico recognizes that one of the most effective means of engagement and dialogue with Stakeholders and communities is joining with them in an organization of mutual benefit. Towards this aim, Agnico is a member of established organizations involving numerous community members. Agnico's participation in these groups provides members with information on Agnico's activities and, allows them to discuss matters of mutual concern, and undertake initiatives of mutual benefit. These organizations include the following:

- NWT/Nunavut Chamber of Mines;

- Nunavut Mine Training Roundtable; and
- Kitikmeot Indigenous Skills and Employment Training (ISET) Stakeholder Working Group.

In 2022, Agnico continued to participate in Stakeholder representative organizations. However, in-person meetings that normally take place within the listed groups above were cancelled due to the COVID-19 public health emergency. A reduced number of virtual meetings with the stakeholder representatives occurred in 2022.

5.9 COMMUNITY RELATIONS SUMMARY FOR 2022

Agnico's Nunavut Shared Services (NSG) group is responsible for leading community relations on behalf of Agnico. Agnico conducts its activities in accordance with the *Community Involvement Plan*, and in compliance with the *Hope Bay Inuit Impact and Benefit Agreement*.

Agnico NSG supports the implementation of a number of Agnico Policies and Procedures including:

- Code of Ethical Business Conduct;
- Respectful Workplace;
- Whistleblower Policy;
- Corrective Action Policy;
- Community Complaints Procedure;
- Sustainable Development Policy; and
- Employee and Family Assistance Program.

During 2022, Alex Buchan, Director of Western Nunavut Affairs for Agnico headed the community involvement team based on corporate reorganization stemming from the Agnico acquisition of TMAC Resources Inc. Alex Buchan is primarily responsible for delivering community involvement activities. The Community Relations team in Cambridge Bay includes Ikey Evalik, Inuit Impact and Benefit Agreement Coordinator, and Sandra Eyegetok, the HR/SR Coordinator.

Communications in 2022 focused on the decision to place Hope Bay under Care and Maintenance and the Return-To-Work with a refocus on gold exploration, during a period where public health measures related to the COVID-19 global pandemic were changing.

5.9.1 Cambridge Bay Logistics Hub

Response to the COVID-19 global pandemic required significant changes to resupply and transport to and from Hope Bay. All air transport links between the Kitikmeot region and Hope Bay continued to be severed during 2022 in order to prevent disease transmission from the mine to Kitikmeot Communities. In Q2 2022, Agnico implemented a Return-to-Work protocol approved by the Government of Nunavut Chief Public Health Officer that allowed the resumption of Kitikmeot based employment. This was facilitated by periodic Covid-19 testing, mandatory vaccinations, and transporting workers via commercial flights to Yellowknife to join southern based crew change flights. The Agnico Covid-19 testing procedure cannot be implemented from Cambridge Bay. Therefore, for the duration of time that this remains in place, staff will not be routed through Cambridge Bay using northern crew change charter flights.

5.9.2 Other Communications in 2022

Agnico continues the use of a project/company Facebook page to provide information on Hope Bay primarily to northern stakeholders. Content of this page includes permitting information, meeting notices, job advertisements, and pictures of site activities linked to Kitikmeot community news pages. Feedback from Agnico information from this social media source is growing and it may be surmised that many younger Kitikmeot residents make better use of this information source than Elders or others more typically reliant on information received during public meetings. The page can be viewed at the following link:

<https://www.facebook.com/AEMHopeBay>

5.9.3 Community Relations Highlighted Activities in 2022 by Month

January

- NSG staff primarily focussed on completing the 5 Year review of the Hope Bay Inuit Impact and Benefit Agreement with Kitikmeot Inuit Association staff this month.
- NSG Staff provided input into implementing the Agnico commitment to support Community Wellness by interviewing and consulting with Kitikmeot wellness service providers to learn more about their needs.

February

- NSG staff engaged with consultants and other regional employment and training stakeholders to complete the Kitikmeot Inuit Employment Strategy Action Plan this month.
- The Hope Bay Care and Maintenance decision was formally announced to regional stakeholders.

March

- NSG staff engaged in an internal committee conducting a comprehensive review of Inuit employment and training initiatives within the company, with an objective to rationalize approaches post-pandemic.

April

- NSG Staff presented to the Kitikmeot Regional Wildlife Board this month to provide this organization with background on the Agnico submission to the draft Nunavut Land Use Plan, with particular attention to caribou habitat issues. The presentation focussed on the results of caribou mitigation and monitoring programs at Agnico sites in Nunavut.

May

- NSG staff focussed on advanced planning, preparation and participation in the Nunavut Mining Symposium in Iqaluit. This was the first opportunity since the beginning of the Covid pandemic that it was possible to meet many stakeholders in person.
- Agnico staff attended a Kitikmeot Stakeholders Working Group (KitIA Employment and Training) meeting this month to provide updates on Hope Bay employment opportunities and highlight the need for exploration workers (diamond drillers).

June

- NSG staff assisted in preparing, scheduling and attending engagements during the 2023 Prospectors and Developers Association of Canada ("PDAC") conference in Toronto. This included

meetings with Territorial Ministers and meetings between Agnico Senior Executives and the President of KitlA.

July

- NSG staff attended an internal conference on the collection and use of IQ/Inuit Traditional Ecological Knowledge for Nunavut based environmental assessment and management purposes in order to validate company approaches to this topic.
- NSG staff prepared for a meeting with Minister Vandal (CIRNAC) who was engaged in a tour of the Kitikmeot region this month. The meeting was cancelled due to weather.

August

- NSG staff provided support to hydrology consultants under taking studies on the Freshwater Creek drainage system as part of efforts to design a fisheries offsetting or compensation program on this waterbody. This work included involving local HTO guides and a site visit by the IEAC.

September

- Efforts were made to prepare Agnico participation in the NPC draft Land Use Plan Public Hearing held in Cambridge Bay this month. A representative of Agnico and a caribou subject matter expert attended this event with prepared statements and a summary of company comments on the Plan.

October

- Agnico staff presented a Hope Bay update to the KitlA Annual General Meeting in Cambridge Bay this month.

November

- NSG staff met with the Nunavut Carnivore Biologist to discuss the provision of fuel and logistical support for the planned 2023 Government of Nunavut Barren Ground Grizzly population study; Agnico will provide helicopter fuel at Hope Bay for positioning south and west of the project area next year.

December

- NSG staff facilitated the one Hope Bay IIBA Implementation Committee meeting required under Care and Maintenance this month.

6. Performance on Project Certificate Terms and Conditions

6.1 DORIS NORTH PROJECT CERTIFICATE NO. 003

Revised Term and Condition No. 1

Proponent's Commitments:

| Revised Term and Condition No. 1 | |
|----------------------------------|--|
| Category: | General |
| Responsible Parties: | The Proponent, Kitikmeot Inuit Association, Nunavut Impact Review Board, Government of Nunavut, Environment and Climate Change Canada, Fisheries and Oceans Canada, Indigenous and Northern Affairs Canada, Health Canada, Natural Resources Canada, and Transport Canada. |
| Project Phase: | All Phases |
| Objective: | To capture the commitments that were made by the Proponent at the Final Hearing and any new commitments that have been made in association with project amendments. |
| Term or Condition: | The commitments in the Final Hearing Report as Appendix A (see Appendix A of Project Certificate): the Proponent Commitments from the Final Environmental Impact Statement Review are incorporated herein and must be met. |
| Reporting Requirements: | To be included in the Proponent's annual reporting to the NIRB. |
| Commentary: | The commitments in the Final Hearing Report as Appendix A includes the addendum to the Final Hearing Report dated June 22, 2006, and the commitments made in the 2015 Amendment application and associated Public Hearing Report dated June 13, 2016. |
| Status for 2022: | Complete |
| Agnico Comments: | The operations are in compliance with this requirement as demonstrated within this report. Appendix C of this report provides an update on all commitments made for this project. |
| Reference: | Appendix C of the 2022 NIRB Annual Report |

Revised Term and Condition No. 2

| Revised Term and Condition No. 2 | |
|----------------------------------|--|
| Category: | General |
| Responsible Parties: | The Proponent, Nunavut Impact Review Board, Kitikmeot Inuit Association, Government of Nunavut, Environment and Climate Change Canada, Fisheries and Oceans Canada, Health Canada, Indigenous and Northern Affairs Canada, and Natural Resources Canada. |
| Project Phase: | All Phases |
| Objective: | To capture the commitments Miramar presented as Exhibit 37 at the Final Hearing for the Doris North project. |
| Term or Condition: | The commitments in the Final Hearing Report as Appendix B (see Appendix B of Project Certificate): the Proponent Commitments from the Final Hearing and any project amendments, are incorporated herein and must be met. |
| Reporting Requirements: | To be included in the Proponent's annual reporting to the NIRB. |
| Commentary: | N/A |
| Status for 2022: | Complete |
| Agnico Comments: | Current operations are in compliance with listed legislation and authorities included in Appendix B of the Project Certificate 003. Refer to Section 2 of this report for a list of all existing permits and authorizations and Section 7.1 for results of Hope Bay's regulatory inspections in 2022. Appendix C of this report provides an update on all commitments applicable to the Project. |
| Reference: | Appendix C of the 2022 NIRB Annual Report |

Revised Term and Condition No. 3

| Revised Term and Condition No. 3 | |
|----------------------------------|---|
| Category: | Proponent Commitments |
| Responsible Parties: | The Proponent |
| Project Phase: | All Phases |
| Objective: | To ensure all permits are obtained for the Project and any Project amendments. |
| Term or Condition: | The Proponent must obtain all required federal and territorial permits and other approvals and shall comply with such permits and approvals. |
| Reporting Requirements: | To be included in the Proponent's annual reporting to the NIRB. |
| Commentary: | N/A |
| Status for 2022: | Complete |
| Agnico Comments: | Agnico is in compliance with this requirement to obtain all Federal and Territorial permits and other approvals. Refer to Section 2 of this report for a list of all existing permits and authorizations. |
| Reference: | 2022 NIRB Annual Report, Section 2 |

NIRB's Commitments:

NIRB will require a full time Monitoring Officer to monitor the Project as it proceeds and to analyze the success of the Terms and Conditions as the Project becomes operational, and beyond, to closure and reclamation.

Revised Term and Condition No. 5The Assessment of Alternatives to Tail Lake for Tailings Disposal:

| Revised Term and Condition No. 5 | |
|---|--|
| Category: | The Assessment of Alternatives to Tail Lake for Tailings Disposal |
| Responsible Parties: | The Proponent |
| Project Phase: | Construction, Operation, and Care and Maintenance |
| Objective: | To minimize the damage to the environment by minimizing the effects decisions being made today have on the alternatives for tomorrow. Also, to facilitate the development of precautionary thresholds to assist with monitoring and detecting potentially significant changes in the region. |
| Term or Condition: | The Proponent shall report by January 1 of each calendar year to NIRB on its development plan for future phases of the Hope Bay Belt, including identifying development plans that may affect the selection of Tailings Impoundment Area as the preferred alternative for tailings management. |
| Reporting Requirements: | To be included in the Proponent's annual reporting to the NIRB. |
| Commentary: | The location of the Tailings Impoundment Area for the Project has been selected and included in the Metal Mining Effluent Regulations. |
| Status for 2022: | Complete |
| Agnico Comments: | Agnico provided updates to the NIRB on annual development plans for 2023 in December 2022. No planned 2023 development plans affect the selection of Tailings Impoundment Area as the preferred alternative for tailings management. |
| Reference: | 2022 NIRB Annual Report, Section 4. |

Revised Term and Condition No. 6

| Revised Term and Condition No. 6 | |
|----------------------------------|---|
| Category: | The Assessment of Alternatives to Tail Lake for Tailings Disposal |
| Responsible Parties: | The Proponent |
| Project Phase: | Pre-construction, construction, operations |
| Objective: | To notify parties of changes due to future developments in the Hope Bay Belt. |
| Term or Condition: | The Proponent shall immediately notify the NIRB of any further alternatives assessments undertaken for the Tailings Impoundment Area, if that analysis concludes that Tail Lake may no longer be the preferred option for tailings disposal or any modifications to the physical area, tailings volumes, or method of containment. |
| Reporting Requirements: | To be reported to the NIRB as appropriate and included in the Proponent's annual reporting to the NIRB as required. |
| Commentary: | Tail Lake has been selected as the Tailings Impoundment Area for the Doris North Project. The NIRB would expect that the Proponent, as soon as reasonable, would notify it of modifications to the Tailings Impoundment Area. Further, due to the phased nature of project development along the Hope Bay Belt, the applicability of this condition may be considered in relation to subsequent development applications. |
| Status for 2022: | Complete |
| Agnico Comments: | Tail Lake is currently the preferred option for the Tailings Impoundment Area. This position has not changed in 2022. |
| Reference: | Revisions to TMAC Resources Inc. Amendment Application No. 1 of Project Certificate No. 003 and Water Licence 2AM-DOH1323, December 2017 Package P5-16 Tailings Management System. |

Revised Term and Condition No. 7

| Revised Term and Condition No. 7 | |
|----------------------------------|--|
| Category: | The Assessment of Alternatives to Tail Lake for Tailings Disposal |
| Responsible Parties: | The Proponent, Environment and Climate Change Canada, and Fisheries and Oceans Canada |
| Project Phase: | All phases |
| Objective: | To ensure that tailings is disposed of responsibly and monitored appropriately throughout the life of the Doris North project. |
| Term or Condition: | The Proponent shall meet immediately with Environment and Climate Change Canada and Fisheries and Oceans Canada to ensure the information required for Schedule 2 of the Metal Mining Effluent Regulations can be processed according to law. |
| Reporting Requirements: | To be reported to the NIRB as required to provide necessary updates. |
| Commentary: | Tail Lake was added to Metal Mining Effluent Regulations as a Tailings Impoundment Area under Schedule 2. |
| Status for 2022: | Complete |
| Agnico Comments: | TMAC has met with Federal Agencies to ensure that the information required for Schedule 2 of the Metal Mining Effluent Regulations was provided and processed according to law. Schedule 2 of the Metal Mining Effluent Regulations authorizes Tail Lake as the Tailings Impoundment Area. |
| Reference: | Schedule 2 of the Metal and Diamond Mining Effluent Regulations |

Revised Term and Condition No. 8

Tail Lake Water Quality and Water Management Strategy:

Monitoring:

| Revised Term and Condition No. 8 | |
|----------------------------------|--|
| Category: | Tail Lake Water Quality and Water Management Strategy |
| Responsible Parties: | The Proponent and Environment and Climate Change Canada |
| Project Phase: | All phases |
| Objective: | To obtain real time weather data at the Doris North project site. |
| Term or Condition: | The Proponent will fund and install a weather station at the mine site to collect atmospheric data, including air temperature and precipitation. The design and location of this station shall be developed in consultation with Environment and Climate Change Canada officials. |
| Reporting Requirements: | To be reported to the Board on an annual basis. |
| Commentary: | Prior to closure and reclamation, the NIRB expects the Proponent to undertake consultation with appropriate agencies including Environment and Climate Change Canada, to discuss the possibility of the continued operation of the station, including transfer of ownership, for the collection of regional meteorological data. Installation and operation of the real time weather station has occurred. |
| Status for 2022: | Complete |
| Agnico Comments: | The Project is in compliance with this requirement to install a weather station at the Doris mine site. The weather station has been operating since 2013. Agnico also collected atmospheric data from a weather station located at Boston in 2022. |
| Reference: | Q1-Q3 2022 Atmospheric Compliance Monitoring Program Report – Doris and Madrid Projects (Nunami Stantec 2023), Appendix D-1 of the 2022 NIRB Annual Report. |

Revised Term and Condition No. 10

| Revised Term and Condition No. 10 | |
|-----------------------------------|--|
| Category: | Tail Lake Water Quality and Water Management Strategy |
| Responsible Parties: | The Proponent |
| Project Phase: | Post-closure |
| Objective: | To ensure water quality and compare these effects to the impact predictions in the 2005 Final Environmental Impact Statement (FEIS) and 2015 Amendment Application. |
| Term or Condition: | Should water from the Tailings Impoundment Area be discharged into Doris Creek, the Proponent shall ensure that monitoring of Tail Lake and Doris Creek water quality occurs, above and below the waterfall, and is verified by an independent, third-party laboratory. The Proponent must provide copies of the results directly to the NIRB and NIRB's Monitoring Officer. |
| Reporting Requirements: | To be included in the NIRB annual reporting and information collected used to update reports to be submitted to the NIRB. |
| Status for 2022: | N/A |
| Agnico Comments: | Tailings Impoundment Area did not discharge to Doris Creek in 2022. All water quality monitoring is conducted in accordance with the requirements of the Nunavut Water Board Type A Water Licence 2AM-DOH1335. A copy of the 2022 NWB Annual Report is filed on the NWB ftp website. |
| Reference: | 2022 NWB Annual Report is publicly available. |

Term and Condition No. 11

| Term and Condition No. 11 | |
|--------------------------------|---|
| Category: | Tail Lake Water Quality and Water Management Strategy |
| Responsible Parties: | The Proponent |
| Project Phase: | All phases |
| Objective: | Quality control and quality assurance |
| Term or Condition: | <p>Monitoring information collected under this approval shall contain the following information:</p> <ul style="list-style-type: none"> • the Person(s) who performed the sampling or took measurements; • date, time, and place of sampling or measurement; • date of analysis; • name of the laboratory who performed the analysis; • analytical methods or techniques used; and • results of any analysis. |
| Reporting Requirements: | To be stored onsite. |
| Commentary: | N/A |
| Status for 2022: | Complete |
| Agnico Comments: | Monitoring information is collected as required, stored on site and results of this monitoring is provided in monthly Surveillance Network Program (SNP) reports filed with the Nunavut Water Board. |
| Reference: | 2022 NWB Annual Report is publicly available. |

Revised Term and Condition No. 12

| Revised Term and Condition No. 12 | |
|-----------------------------------|---|
| Category: | Tail Lake Water Quality and Water Management Strategy |
| Responsible Parties: | The Proponent |
| Project Phase: | All phases |
| Objective: | Quality control |
| Term or Condition: | The results and records of any monitoring, data, or analysis shall be kept for a minimum of the life of the project including closure and post closure monitoring. This time period shall be extended if requested by the Nunavut Impact Review Board, the Nunavut Water Board, Environment and Climate Change Canada, and Fisheries and Oceans Canada. |
| Reporting Requirements: | To be included in the annual report to the Board. |
| Commentary: | The NIRB's Monitoring Officer, consulting with Government Officials, will provide guidance on how results and records of any monitoring, data, or analysis will be presented. |
| Status for 2022: | Complete |
| Agnico Comments: | Sampling results from water quality monitoring activities are archived at site for the life of the project and reported to the Nunavut Water Board on a monthly and annual basis. |
| Reference: | 2022 NWB Annual Report is publicly available. |

Revised Term and Condition No. 13

| Revised Term and Condition No. 13 | |
|-----------------------------------|---|
| Category: | General |
| Responsible Parties: | The Proponent, Environment and Climate Change Canada, and Indigenous and Northern Affairs Canada |
| Project Phase: | All phases |
| Objective: | Collect additional information due to uncertainty in water management |
| Term or Condition: | <p>The Proponent shall collect additional water quality data for the 2006 field season and incorporate it into a revised water quality model to be submitted to the NWB as part of the water licence application. To ensure the protection of the receiving environment at the point of discharge, the Proponent will meet discharge criteria:</p> <ul style="list-style-type: none"> • Where discharge is to the freshwater environment, on a site-specific basis set by the Nunavut Water Board (NWB) where possible and as set by the Metal Mining Effluent Regulations (MMER); and • Where discharge is to Roberts Bay, discharge criteria set by the MMER and the <i>Arctic Waters Pollution Prevention Act</i>. |
| Reporting Requirements: | Include in water licence application to Nunavut Water Board and included in the Proponent's annual report to the NIRB. |
| Commentary: | Collection and incorporation of the additional water quality data for the 2006 field season for the water quality model was completed. |
| Status for 2022: | Complete |
| Agnico Comments: | The Doris North aquatic study reports for 2006, 2007, and 2008 were submitted by Hope Bay Mining Ltd. As shown in monthly SNP reports discharges have been in compliance with the Nunavut Water Board requirements. Discharge to Roberts Bay in 2022 was in compliance with the Metal and Diamond Mining Effluent Regulations (formerly the MMER) and the <i>Arctic Waters Pollution Prevention Act</i> . |
| Reference: | <p>Reference 2006, 2007, and 2008 Baseline Report – Hope Bay Mining Limited 2007 Annual Report found on the NWB ftp site</p> <p>Doris North Project Aquatic Studies 2006 (Golder 2007a)</p> <p>Doris North Project Aquatic Studies 2007 (Golder 2008)</p> <p>Hope Bay Gold Project 2008 Annual Aquatic Studies Report (Golder 2009)</p> |

Revised Term and Condition No. 14

| Revised Term and Condition No. 14 | |
|-----------------------------------|--|
| Category: | General |
| Responsible Parties: | The Proponent and the Nunavut Water Board |
| Project Phase: | Pre-construction |
| Objective: | Collect additional information due to uncertainty in water management |
| Term or Condition: | The Proponent shall collect additional precipitation, evaporation and runoff data and incorporate it into a revised water balance to be submitted to the Nunavut Water Board (NWB) as part of the water licence application. |
| Reporting Requirements: | No reporting requirement |
| Commentary: | This obligation was fulfilled, and information was included in the application to the Nunavut Water Board. |
| Status for 2022: | Complete |
| Agnico Comments: | Requirements were met when Type A Water Licence 2AM-DOH1335 was amended in November 2016 and December 2018. |
| Reference: | Revisions to TMAC Resources Inc. Amendment Application No. 1 of Project Certificate No. 003 and Water Licence 2AM-DOH1323, December 2016. TMAC Resources Inc. Application for a Type "A" Water Licence 2AM-BOS-and amendment Application for 2AMDOH1323, December 2017. |

Revised Term and Condition No. 15

| Revised Term and Condition No. 15 | |
|-----------------------------------|---|
| Category: | General |
| Responsible Parties: | The Proponent and the Nunavut Water Board |
| Project Phase: | Pre-construction, construction, closure, post closure. |
| Objective: | To monitor the environmental impacts of the effluent in the Tailings Impoundment Area and Doris Creek and compliance with discharge criteria. |
| Term or Condition: | The Proponent shall not permit the water discharged into Doris Creek to exceed the criteria set by the NWB. |
| Reporting Requirements: | To be included in the Proponent's annual reporting to the NIRB. |
| Commentary: | This does not preclude the Proponent from meeting requirements of the Metal Mining Effluent Regulations. |
| Status for 2022: | Complete |
| Agnico Comments: | No site water was discharged into Doris Creek in 2022. |
| Reference: | N/A |

Revised Term and Condition No. 16

| Revised Term and Condition No. 16 | |
|-----------------------------------|--|
| Category: | General |
| Responsible Parties: | The Proponent, Nunavut Water Board, Nunavut Impact Review Board, Environment and Climate Change Canada, and Indigenous and Northern Affairs Canada |
| Project Phase: | All Phases |
| Objective: | To monitor the environmental impacts of the effluent in the Tailings Impoundment Area and Doris Creek and compare these effects to the impact predictions in the 2005 FEIS and the 2015 Amendment Application. |
| Term or Condition: | The Proponent shall take all reasonable steps to prevent any discharge that is not in compliance with applicable regulatory approvals or requirements. If such a situation is encountered, the Proponent shall take immediate action to address the non-compliant discharge. |
| Reporting Requirements: | To be reported on an as needed basis and included in the Proponent's annual reporting to the NIRB. |
| Commentary: | N/A |
| Status for 2022: | Complete |
| Agnico Comments: | Agnico is in compliance with this provision. As shown in monthly SNP reports, discharges have been in compliance with the Nunavut Water Board requirements. Discharge to Roberts Bay in 2022 was in compliance with the Metal and Diamond Mining Effluent Regulations. Actions taken to address any non-compliant discharges can be found in Section 7.2 of this report. |
| Reference: | Section 7.2 of the 2022 NIRB Annual Report Section 3.2 of the 2022 NIRB Annual Report Appendix F of the 2022 NIRB Annual Report |

Revised Term and Condition No. 17

| Revised Term and Condition No. 17 | |
|-----------------------------------|---|
| Category: | General |
| Responsible Parties: | The Proponent |
| Project Phase: | All phases |
| Objective: | To ensure timely notification of incidents on site. |
| Term or Condition: | The Proponent shall report any upset, exceedances, or compliance problem not only to regulatory agencies as required by law but shall also report the same to the Nunavut Impact Review Board's Monitoring Officer. |
| Reporting Requirements: | To be reported on an as needed basis and included in the Proponent's annual reporting to the NIRB. |
| Commentary: | N/A |
| Status for 2022: | Complete |
| Agnico Comments: | Agnico reports any upset, exceedances, or compliance problems to the respective regulatory agencies and to the Nunavut Impact Review Boards' Monitoring Officer as required. |
| Reference: | N/A |

Revised Term and Condition No. 18

| Revised Term and Condition No. 18 | |
|-----------------------------------|--|
| Category: | General |
| Responsible Parties: | The Proponent, Nunavut Impact Review Board, and Nunavut Water Board |
| Project Phase: | All phases |
| Objective: | To assess and mitigate impacts of acid rock generation and metal leaching. |
| Term or Condition: | The Proponent shall submit to the Nunavut Water Board (NWB), as part of the water licence application, a program detailing the methodology for testing quarried rock for acid generation and metal leaching potential. The sampling, testing, and analysis must be done by a professional geologist registered in Nunavut. |
| Reporting Requirements: | To be reported to the NIRB as required. |
| Commentary: | The Nunavut Impact Review Board (NIRB) expects any methodology to be certified by a Registered Professional and approved by the Nunavut Water Board. The NIRB expects that any analysis of laboratory results must also be done by a Registered Professional. The designation of Registered Professional refers to all those professionals registered with the Northwest Territories and Nunavut Association of Professional Engineers, Geologists, and Geophysicists (NAPEGG). This obligation is complete but should continue to be updated as required. |
| Status for 2022: | Complete |
| Agnico Comments: | Agnico provides the methodology for testing quarried rock for acid generation and metal leaching potential to the NWB through relevant management plans. The Hope Bay Project Quarry Management and Monitoring Plan (March 2022) details the currently approved methodology for testing quarried rock. |
| Reference: | Hope Bay Project Quarry Management and Monitoring Plan (Agnico 2022d). Results of this monitoring are found in 2022 Waste Rock, Quarry and Tailings Monitoring Report, Doris Mine and Madrid North Mines (SRK 2023b), Appendix D-2 of the 2022 NIRB Annual Report. |

Revised Term and Condition No. 19

Design of the Jetty and Related Issues:

| Revised Term and Condition No. 19 | |
|-----------------------------------|---|
| Category: | Design of the Jetty and Related Issues |
| Responsible Parties: | The Proponent |
| Project Phase: | All phases |
| Objective: | To monitor the impacts of the jetty on shallow water permafrost and compare to predictions in 2005 FEIS and the 2015 Amendment Application. |
| Term or Condition: | The Proponent shall install thermistor cables and temperature loggers in the jetty foundation as well as the new jetty foundation. The Proponent shall monitor the effects of the jetty on shallow water permafrost through operations, until such time as the Nunavut Impact Review Board (NIRB) determines that such monitoring is no longer necessary and report the results of the monitoring collection to NIRB's Monitoring Officer. |
| Reporting Requirements: | To be included in the Proponent's annual reporting to the NIRB. |
| Commentary: | The new jetty is defined as the marine outfall berm. |
| Status for 2022: | Complete |
| Agnico Comments: | <p>Agnico is in compliance with this requirement to install thermistor cables and temperature loggers in the jetty foundation. Thermistor cables and temperature loggers were installed in March 2009 and the monitoring results have been provided to the Monitoring Officer and the foundations are stable. Jetty thermistor data is reported as part of the Doris Madrid annual geotechnical inspection in accordance with Part I, section 9 of the current Type A Water Licence.</p> <p>It was noted previously by TMAC that the commentary provided by the NIRB indicating the new jetty refers the marine outfall berm is inaccurate and should instead apply to the upgraded jetty that was proposed at the time of application but was not constructed.</p> |
| Reference | 2022 TIA Annual Geotechnical Inspection Report (SRK 2023c) |

Revised Term and Condition No. 20

| Revised Term and Condition No. 20 | |
|-----------------------------------|---|
| Category: | Design of the Jetty and Related Issues, Accidents and Malfunctions |
| Responsible Parties: | The Proponent and Transport Canada |
| Project Phase: | All Phases |
| Objective: | To prevent or limit potential for ecosystemic effects in the event of fuel or waste spills. |
| Term or Condition: | The Proponent shall ensure spill kits are at hand at the Roberts Bay oil handling facility at all times, and that appropriate containment measures are used in the event of a spill in accordance with the most recent version of the Oil Pollution Emergency Plan and Oil Pollution Prevention Plan reviewed by Transport Canada. |
| Reporting Requirements: | N/A |
| Commentary: | The NIRB notes that term and condition 20 and term and condition 33 are expected to work together as one refers to the Roberts Bay jetty and one the transfer and handling of fuel on site. |
| Status for 2022: | Complete |
| Agnico Comments: | <p>The project is in compliance with this requirement to ensure that areas used for fuel storage and hazardous materials are contained using the safest methods practical. Location of spill kits can be found in the updated Hope Bay Project Spill Contingency Plan (March 2023).</p> <p>Fuel storage areas on the Project site are constructed in compliance with required engineering standards. These facilities are also in compliance with the Type A Water Licence for Doris 2AM-DOH1335. Hope Bay has a Transport Canada approved Oil Pollution Prevention/Oil Pollution Emergency Plan (OPPP/OPEP; Agnico. May 2021).</p> |
| Reference | <p>Hope Bay Project Spill Contingency Plan (Agnico 2023a)</p> <p>Oil Pollution Prevention/Oil Pollution Emergency Plan (TMAC 2020a)</p> |

Revised Term and Condition No. 21

| Revised Term and Condition No. 21 | |
|-----------------------------------|---|
| Category: | Design of the Jetty and Related Issues |
| Responsible Parties: | The Proponent, Kitikmeot Inuit Association, and Nunavut Tunngavik Incorporated |
| Project Phase: | Closure and post closure |
| Objective: | To ensure a smooth transfer of ownership should the jetty remain for use of the public post closure of the Project. |
| Term or Condition: | The Proponent shall consult with Elders, the Kitikmeot Inuit Association and Nunavut Tunngavik Incorporated to determine if the jetty should be dismantled. The final Closure and Reclamation Plan, if it proceeds, must explain the consultation process used for the jetty and provide a summary of the issues used for the jetty and provide a summary of the issues identified during consultation. |
| Reporting Requirements: | To be reported by the Proponent prior to closure commencing. |
| Commentary: | NIRB has already considered these components and as quoted by the Minister in his letter to NIRB dated July 28, 2006 "...further review under Article 12 would only be required if substantive changes were proposed that would significantly modify the project." Also, the Proponent is expected to submit the summary of issues identified during consultation to NIRB's Monitoring Officer. |
| Status for 2022: | N/A |
| Agnico Comments: | The Roberts Bay jetty remains in use and Agnico does not have any plans to dismantle the existing jetty. Prior to final closure and reclamation of the jetty Agnico will consult with local Elders, KIA, and NTI on the closure plan for the Roberts Bay jetty. |
| Reference: | N/A |

Revised Term and Condition No. 22Wildlife Mitigation and Monitoring Plan

| Revised Term and Condition No. 22 | |
|-----------------------------------|--|
| Category: | Wildlife Mitigation and Monitoring Plan including Cumulative Effects Assessment |
| Responsible Parties: | The Proponent, Government of Nunavut-Department of Environment, and Kitikmeot Inuit Association |
| Project Phase: | Pre-construction, construction |
| Objective: | To collect baseline information on wolverine and grizzly bear populations in the area in order to assess impacts of the Project. |
| Term or Condition: | The Proponent, in consultation with Government of Nunavut- Department of Environment and Kitikmeot Inuit Association, shall immediately begin the design and implementation of baseline data collection methods to establish both the wolverine and grizzly bear population of the Hope Bay Belt region. Any baseline data results shall be reported to NIRB's Monitoring Officer. |
| Reporting Requirements: | To be included in the Proponent's annual wildlife report to the NIRB. |
| Commentary: | The Proponent has collected the baseline data and continues to collect ongoing monitoring data and the results are incorporated as appropriate into the Proponent's Wildlife Mitigation and Management Plan. |
| Status for 2022: | Complete |
| Agnico Comments: | Monitoring data is collected on wolverine and grizzly bear through the wildlife camera program and wildlife incidental sightings, interactions, and incidents program documented by Project personnel. The results of observations from these programs are included in the 2022 Wildlife Mitigation and Monitoring Plan Compliance Report. |
| Reference: | See Sections 3.6 Grizzly Bear and 3.7 Wolverine for monitoring results in the 2022 Wildlife Mitigation and Monitoring Program Compliance Report (ERM 2023a), Appendix D-3 of the 2022 NIRB Annual Report. |

Revised Term and Condition No. 23

| Revised Term and Condition No. 23 | |
|-----------------------------------|--|
| Category: | Wildlife Mitigation and Monitoring Plan including Cumulative Effects Assessment |
| Responsible Parties: | The Proponent |
| Project Phase: | All phases |
| Objective: | To assess the impacts of the Project on wildlife and compare these effects to the impact predictions in the 2005 Doris North Final Environmental Impact Statement and the 2015 Amendment Application. |
| Term or Condition: | The Proponent shall designate one of its employees as a primary wildlife contact for the mine, who will work with the Nunavut Impact Review Board’s Monitoring Officer and regulatory officials in communicating on-site activities and to fulfill reporting requirements. |
| Reporting Requirements: | To be included in the Proponent’s annual report and annual wildlife report to the NIRB. |
| Commentary: | N/A |
| Status for 2022: | Complete |
| Agnico Comments: | Reports of wildlife interactions, incidents and mortalities are reported to NIRB by the environmental coordinator and included as results and appendix in the annual Wildlife Mitigation and Monitoring Program Compliance Report. Incidental wildlife sightings are also compiled, assessed for trends, and reported in the WMMP Compliance Report. |
| Reference: | See Methods Section 3.2.2 (Wildlife Interactions, Incidents and Mortalities), and Results within each Valued Ecosystem Component Sections 3.4 – 3.12 in the 2022 Wildlife Mitigation and Monitoring Program Compliance Report (ERM 2023a), Appendix D-3 of the 2022 NIRB Annual Report. |

Revised Term and Condition No. 24

| Revised Term and Condition No. 24 | |
|-----------------------------------|---|
| Category: | Wildlife Mitigation and Monitoring Plan including Cumulative Effects Assessment |
| Responsible Parties: | The Proponent |
| Project Phase: | All phases |
| Objective: | To ensure staff are prepared and are following commitments made for the Project. |
| Term or Condition: | As part of the training for the Proponent's on-site wildlife specialist, the Proponent shall provide training to that person in areas of bear encounters and safety, effects of noise on wildlife, recording wildlife sightings, waste management, records management, and reporting to the Nunavut Impact Review Board's Monitoring Officer and regulatory officials. |
| Reporting Requirements: | To be included in the Proponent's annual report and annual wildlife report to the NIRB as required. |
| Commentary: | N/A |
| Status for 2022: | Complete |
| Agnico Comments: | Hope Bay provides site orientation to all employees and contractors and regular reminders during staff meetings to contribute wildlife observations and interaction reporting. There is a strict protocol for reporting bear sightings with consequences if they are not followed. Waste management practices are reviewed routinely with all staff to ensure wildlife attractants are managed appropriately. Records are maintained on site of wildlife interactions and included in annual reporting to the NIRB. |
| Reference: | See Methods Section 3.2.2 (Wildlife Interactions, Incidents and Mortalities), and Results within each Valued Ecosystem Component Sections 3.4 – 3.12 in the 2022 Wildlife Mitigation and Monitoring Program Compliance Report (ERM 2023a), Appendix D-3 of the 2022 NIRB Annual Report. |

Revised Term and Condition No. 25

| Revised Term and Condition No. 25 | |
|-----------------------------------|--|
| Category: | Wildlife Mitigation and Monitoring Plan including Cumulative Effects Assessment |
| Responsible Parties: | The Proponent |
| Project Phase: | All phases |
| Objective: | To assess the impacts of the Project on the wildlife and compare these effects to the impact predicted in the 2005 FEIS and the 2015 Amendment Application. |
| Term or Condition: | The Proponent shall file a monitoring plan focused on assessing and mitigating interaction between wildlife and humans at the mine site, including associated infrastructure such as the TIA (Tailings Impoundment Area), roads, and activity at the waterfall and Roberts Bay. An annual report must be sent by March 30 each year to NIRB's Monitoring Officer on interactions that have occurred, any effect the interaction might have had on humans and wildlife, and mitigation measures taken to avoid similar interactions in the future. The Proponent shall file a report to NIRB within 48 hours should any incident occur which results in wildlife mortality. |
| Reporting Requirements: | To be included in the Proponent's annual wildlife report and annual report as appropriate to the NIRB. |
| Commentary: | The NIRB would expect that the reporting be coordinated with the legislated requirement for TMAC Resources Inc. to report mortalities of grizzly bear, Polar Bear, muskox, caribou, wolf, and Wolverine to the local conservation officer in Cambridge Bay. |
| Status for 2022: | Complete |
| Agnico Comments: | Agnico updated the Wildlife Mitigation and Monitoring Plan (WMMP) (Agnico 2023b) in January 2023, and will be submitting it to NIRB alongside this document. The Environmental Superintendent reports any cases of wildlife mortality to NIRB. |
| Reference: | See Methods Section 3.2.2 (Wildlife Interactions, Incidents and Mortalities), and Results within each Valued Ecosystem Component Sections 3.4 – 3.12 in the 2022 Wildlife Mitigation and Monitoring Program Compliance Report (ERM 2023a), Appendix D-3 of the 2022 NIRB Annual Report. |

Revised Term and Condition No. 26

| Revised Term and Condition No. 26 | |
|-----------------------------------|--|
| Category: | Wildlife Mitigation and Monitoring Plan including Cumulative Effects Assessment |
| Responsible Parties: | The Proponent |
| Project Phase: | All phases |
| Objective: | To alleviate concerns related to wildlife on the Project site. |
| Term or Condition: | The Proponent shall consult with local Elders, Kitikmeot Hunters and Trappers Organizations, the Nunavut Wildlife Management Board, Government of Nunavut-Department of Environment, Environment and Climate Change Canada, and the Nunavut Impact Review Board's Monitoring Officer to review and discuss the results of wildlife monitoring and develop mitigation measures, including measures to discourage wildlife and birds from coming into contact with the Tailings Impoundment Area and contaminated areas of the mill site. The Proponent shall incorporate a plan for this consultation into a reviewed Wildlife Mitigation and Monitoring Plan. |
| Reporting Requirements: | To be included in the Proponent's annual reporting to the NIRB. |
| Commentary: | N/A |
| Status for 2022: | In progress |
| Agnico Comments: | <p>Agnico updated the Wildlife Mitigation and Monitoring Plan (WMMP) in January 2023 and this plan will be circulated to Inuit organizations, stakeholders and government agencies as part of the annual NIRB report for comment.</p> <p>Agnico reports the results of ongoing wildlife monitoring plans in the Wildlife Mitigation and Monitoring Plan Report (WMMP Report), included in the annual NIRB report and circulated to the same groups and agencies for comment.</p> <p>In addition to providing the WMMP and WMMP Report for review of planned wildlife mitigation and monitoring and monitoring results, Agnico conducts focused consultation on wildlife through a variety of avenues.</p> <p>An Inuit Environmental Advisory Group (IEAC) was established, where wildlife mitigation and the results of monitoring are discussed with Inuit elders and land users familiar with the Project area. Agnico chaired one IEAC meeting in 2022, at Hope Bay site for the first time since the onset of the covid-19 pandemic. The objectives of the meeting were to update the group on Project activities and seek input on the methods of the caribou Height of Land monitoring surveys prior to implementation of this new monitoring program.</p> |
| Reference: | 2022 Wildlife Mitigation and Monitoring Program Compliance Report (ERM 2023a), Appendix D-3 of the 2022 NIRB Annual Report. |

Revised Term and Condition No. 27

| Revised Term and Condition No. 27 | |
|-----------------------------------|--|
| Category: | Wildlife Mitigation and Monitoring Plan including Cumulative Effects Assessment |
| Responsible Parties: | The Proponent |
| Project Phase: | All phases |
| Objective: | To assess the environmental impact of the Project on wildlife and compare these effects to the impact predicted in the 2005 FEIS and the 2015 Amendment Application. |
| Term or Condition: | The Proponent shall update and revise the Wildlife Mitigation and Monitoring Plan (WMMP) to reflect Project terms and conditions and shall revise the Wildlife Mitigation and Monitoring Plan and submit to the Nunavut Impact Review Board (NIRB) for review. The NIRB may consult with relevant Government departments and the Nunavut Wildlife Management Board prior to approving the revised WMMP. The revised WMMP must be submitted within three (3) months after the updated Project Certificate is issued. The Proponent must also submit an updated plan on an annual basis which must also be approved by NIRB. |
| Reporting Requirements: | The Proponent is to report to the NIRB in its annual report. |
| Commentary: | Monitoring measures included in the Wildlife Mitigation and Monitoring Plan should be appropriate to confirm impact predictions, monitoring impacts, and to support adaptive implementation of mitigation measures. Specific to caribou, during construction and operations the Proponent must annually review relevant available data from on site and caribou collar data and shall consider revisions to the Wildlife Mitigation and Monitoring Plan. |
| Status for 2022: | Complete |
| Agnico Comments: | Agnico updated the Wildlife Mitigation and Monitoring Plan (WMMP; Agnico 2023b) in January 2023, and will be submitting it to NIRB alongside this document. The 2022 Wildlife Mitigation and Monitoring Program Compliance Report (ERM 2023a), Appendix D-3, was submitted to NIRB's monitoring officer April 1, 2023. |
| Reference: | Wildlife Mitigation and Monitoring Plan (Agnico 2023b) |

Revised Term and Condition No. 28The Socio-Economic Impact of the Project on Affected Communities of Nunavut:

| Revised Term and Condition No. 28 | |
|--|--|
| Category: | Socio-Economic Impacts |
| Responsible Parties: | The Proponent, the Government of Nunavut, and Indigenous and Northern Affairs Canada |
| Project Phase: | All Phases |
| Objective: | To assess the socio-economic impact of the Project on affected communities of Nunavut and compare these effects to the impact predictions in the 2005 FEIS and the 2015 Amendment Application. |
| Term or Condition: | <p>The Hope Bay Belt Socio-Economic Monitoring Committee is continued and renamed as the Hope Bay Socio-Economic Working Group. The invited members of the Hope Bay Socio-Economic Working Group shall include the Proponent, the Government of Nunavut, Indigenous and Northern Affairs Canada, and the Kitikmeot Inuit Association and any other invitees the members of the Working Group may, from time to time invite to participate.</p> <p>The central focus of the Hope Bay Socio-Economic Working Group shall be on collaborating to ensure that the Hope Bay Socio-Economic Monitoring Plan provides for appropriate Project-specific socio-economic effects monitoring as required throughout the life of the Project. The Hope Bay Socio-Economic Monitoring Plan shall apply to the Project as described in both the 2005 FEIS and the 2015 Amendment Application.</p> <p>The Proponent, reflecting the input of the Hope Bay Socio- Economic Working Group shall produce an annual Hope Bay Socio-Economic Monitoring Plan report.</p> |
| Reporting Requirements: | To be included in the Proponent's annual reporting to the NIRB. |
| Commentary: | The NIRB strongly suggests the use of a standardized reporting template to ensure consistent data collection and tracking of data trends in a comparable form to be shared upon request at the regional level and to minimize the duplication of efforts. |
| Status for 2022: | An updated Hope Bay Socio-Economic Monitoring Plan, incorporating changes required as a result of NIRB Project Certificate 009, was submitted to the Hope Bay Socio-Economic Monitoring Working Group (HB SEMWG) and the NIRB in February 2020. This Plan incorporates all comments received from the HBSEWG in 2019 and a requested indicator summary table. In 2022, another update to the Plan was prepared to align the Plan with Term and Condition No 35 and all phases of the Project (including temporary and final closure). The updated plan was provided to HB SEMWG for review and feedback in November 2022 and on December 13, 2022 a virtual workshop was delivered to discuss the updates to the Plan. The Plan will be finalized in 2023. The 2022 Socio-Economic Monitoring Report will be prepared according to the recently updated plan and submitted to HB SEMWG and NIRB in 2023. HB SEMWG and the Kitikmeot Socio-Economic Monitoring Committee (SEMC) are planning to meet in September 2023 to review the report. |
| Agnico Comments: | The Hope Bay Belt Socio-Economic Monitoring Committee, as the Hope Bay Socio-Economic Working Group (HBSEWG) is in place. Work on the 2022 Hope Bay SEMP report is in progress and the report will be reviewed by the HBSEWG and the Kitikmeot Socio-Economic Monitoring Committee and finalized in 2023. Several dates for meetings of the HBSEWG and the KSEMC meeting were proposed for September 2023 to review the report. |
| Reference: | Hope Bay Project: 2022 Socio-Economic Monitoring Program (ERM 2023b) |

Revised Term and Condition No. 29

Noise:

| Revised Term and Condition No. 29 | |
|-----------------------------------|--|
| Category: | Noise |
| Responsible Parties: | The Proponent, Government of Nunavut-Department of Environment, Environment and Climate Change Canada, Health Canada, Fisheries and Oceans Canada, and Workers Compensation Board |
| Project Phase: | All phases |
| Objective: | To assess noise impacts of the Project on wildlife and humans and compare these effects to the impact predictions in the 2005 FEIS and the 2015 Amendment Application. |
| Term or Condition: | The Proponent shall develop and implement a 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 - Department of Environment, Environment and Climate Change Canada, and Health Canada, and should be updated on an as required basis. |
| Reporting Requirements: | To be included in the Proponent's annual reporting to the NIRB. |
| Commentary: | The Local Study Area refers to the combined spatial boundaries set by the Proponent in its Final Environmental Impact Statement for each sensitive Valued Ecosystemic Component including arctic char, lake trout, lake whitefish, ninespine stickleback, Caribou, grizzly bear, Wolverine, upland breeding birds, waterfowl, and raptors. Also, the noise abatement plan will consider potential blasting time restrictions with Fisheries and Oceans Canada's (DFO) Guidelines for the Use of Explosives In or Near Canadian Fisheries Waters (Wright and Hopky 1998) as modified by DFO for use in the North. The Proponent should also consult with Health Canada, the Government of Nunavut-Department of Environment, and the Workers Compensation Board in locating and designing the sound meters. |
| Status for 2022: | Complete |
| Agnico Comments: | Agnico does not maintain a standalone Noise Abatement Plan. For the protection of people, Agnico implements noise monitoring and abatement under its occupational health and safety management program which is reviewed by the Workers' Safety and Compensation Commission (WSCC) Mines Inspector. For the protection of wildlife, Agnico implements its noise management under its wildlife mitigation and monitoring program. The 2022 Wildlife Mitigation and Monitoring Program Compliance Report (ERM 2023a), Appendix D-3, was submitted to NIRB in April 2023. |
| Reference: | Wildlife Mitigation and Monitoring Plan (Agnico 2023b) Hope Bay Health and Safety Management Plan (TMAC 2017a) |

Revised Term and Condition No. 30Air Quality:

| Revised Term and Condition No. 30 | |
|-----------------------------------|--|
| Category: | Air Quality |
| Responsible Parties: | The Proponent, Environment and Climate Change Canada |
| Project Phase: | All Phases |
| Objective: | To assess air quality impact of the Project in the project area and compare these effects to the impact predictions in the 2005 FEIS and the 2015 Amendment Application. |
| Term or Condition: | The Proponent will install and fund an atmospheric monitoring station. This station and its location shall be developed in consultation with Environment and Climate Change Canada and Health Canada air quality officials and focus on particulates of concern generated at the mine site. The results of air-quality monitoring are to be reported every six (6) months to the Nunavut Impact Review Board through the Monitoring Officer, and from there to all of the parties. |
| Reporting Requirements: | Reported every six (6) months. |
| Commentary: | Installation of the atmospheric monitoring station was completed. |
| Status for 2022: | Complete |
| Agnico Comments: | Agnico operates and funds an atmospheric monitoring station. Agnico submitted two semi-annual air quality reports in 2022 and is providing the updated report with this submission. |
| Reference: | Q1-Q3 2021 Atmospheric Compliance Monitoring Program Report - Doris and Madrid Projects (Nunami Stantec 2023), Appendix D-1 of the 2022 NIRB Annual Report |

Revised Term and Condition No. 31

Closure and Reclamation:

| Revised Term and Condition No. 31 | |
|-----------------------------------|--|
| Category: | Closure and Reclamation |
| Responsible Parties: | The Proponent |
| Project Phase: | Operations, Care and Maintenance |
| Objective: | To ensure a plan was in place due to the short lifespan of the Project. |
| Term or Condition: | The Proponent shall maintain a complete Closure and Reclamation Plan on file with the Nunavut Water Board prepared in accordance with requirements of the Nunavut Water Board and other regulators. |
| Reporting Requirements: | The NIRB would require this prior to the closure as the mine is subject to NIRB Review. |
| Commentary: | N/A |
| Status for 2022: | Complete |
| Agnico Comments: | The project is in compliance with this requirement to prepare a complete Closure and Reclamation Plan. An updated November 2017 Interim Closure and Reclamation Plan for the Doris-Madrid portions of the Project and a November 2017 Conceptual Closure and Reclamation Plan for the Boston portion of the Project were submitted to the NWB and approved with licence issuance in early 2019. Financial security costs estimates were updated and approved by the NWB, KIA and CIRNAC and consider all existing infrastructure, proposed Phase 2 infrastructure, and any new information available since the last revision. As per the Care and Maintenance Plan and as requested by KIA, in 2022 Agnico and the KIA began a third party, independent review of the closure plan and costs. This work will be completed in 2023. |
| Reference: | Hope Bay Project Boston Conceptual Closure and Reclamation Plan (SRK 2017a) Hope Bay Project Doris-Madrid Interim Closure and Reclamation Plan (SRK 2017b) |

Revised Term and Condition No. 32Environment, Health and Safety Management System:

| Revised Term and Condition No. 32 | |
|--|--|
| Category: | Environment, Health and Safety Management System |
| Responsible Parties: | The Proponent |
| Project Phase: | All phases |
| Objective: | To ensure all plans are approved and in place prior to commencement of construction. |
| Term or Condition: | Prior to the commencement of operation, the Proponent shall have a complete Environment, Health and Safety Management System in place which includes the following: Wildlife Mitigation and Monitoring Plan; Environmental Protection Plan; Emergency Response and Spill Contingency Plan; Occupational Health and Safety Plan; Human Resources Plan; Community Relations Plan; Monitoring and Follow-up Plan; and Auditing and Continuous Improvement Plan. When complete, these Plans shall be forwarded to the Nunavut Impact Review Board's Monitoring Officer. |
| Reporting Requirements: | To be included in the Proponent's annual reporting to the NIRB as required. |
| Commentary: | <p>The Proponent is expected to contact federal and territorial Government Departments immediately regarding the preparation of these plans. The Government of Nunavut, in particular, is involved with the approval of many of the plans and is encouraged to designate an official to approve the plans as applicable. Please see Appendix C for a list of Government of Nunavut contacts.</p> <p>NIRB considers the Environmental, Health and Safety Management System to be complete once MHBL has submitted all required plans. NIRB expects the Environmental Health and Safety Management System to be completed prior to the commencement of construction.</p> |
| Status for 2022: | In progress |
| Agnico Comments: | Agnico has been submitting the plans that make-up the Environment, Health and Safety Management System to the Monitoring Officer as they are revised or completed. The existing and implemented Hope Bay Project Management Plans are shown in Section 10 of this report and updated plans are provided to the NIRB via stand-alone submissions when required. |
| Reference: | 2022 NIRB Annual Report, Section 10 |

Revised Term and Condition No. 33

Fuel and Hazardous Materials:

| Revised Term and Condition No. 33 | |
|-----------------------------------|--|
| Category: | Fuel and Hazardous Materials |
| Responsible Parties: | The Proponent |
| Project Phase: | All phases |
| Objective: | To ensure best practices are being utilized on site. |
| Term or Condition: | The Proponent shall ensure spill kits are at hand at the Roberts Bay oil handling facility at all times, and that appropriate containment measures are used to prevent, contain and respond to a spill in accordance with the Most recent version of the Oil Pollution Emergency Plan and Oil Pollution Prevention Plan reviewed by Transport Canada. |
| Reporting Requirements: | N/A |
| Commentary: | The NIRB expects that Term and Condition 33 would work together with Term and Condition 20. |
| Status for 2022: | Complete |
| Agnico Comments: | <p>The project is in compliance with this requirement to ensure that areas used for fuel storage and hazardous materials are contained using the safest methods practical. Location of spill kits can be found in the updated Hope Bay Project Spill Contingency Plan (March 2023).</p> <p>Fuel storage areas on the Project site are constructed in compliance with required engineering standards. These facilities are also in compliance with the Type A Water Licence for Doris 2AM-DOH1335. Agnico has a Transport Canada approved Oil Pollution Prevention/Oil Pollution Emergency Plan (OPPP/OPEP) May 2020.</p> |
| Reference: | Hope Bay Project Spill Contingency Plan (Agnico 2023a) and Oil Pollution Prevention/Oil Pollution Emergency Plan (TMAC 2020a) |

Revised Term and Condition No. 34Planned Changes:

| Revised Term and Condition No. 34 | |
|--|---|
| Category: | Planned Changes |
| Responsible Parties: | The Proponent |
| Project Phase: | Pre-construction, construction, operations, care and maintenance |
| Objective: | To ensure all future developments are reported on a timely basis due to the short mine life. |
| Term or Condition: | The Proponent shall give notice of any planned significant changes to the mine facility, including the Tailings Impoundment Area, mining infrastructure such as the mill, to the regulatory authorities and the Nunavut Impact Review Board (NIRB) through its Monitoring Officer, in a timely basis. |
| Reporting Requirements: | To be reported by the Proponent to the NIRB as required. |
| Commentary: | “Planned Changes” refers to changes that may cause an environmental effect. Significant means any change to the mine facilities, which would require a reconsideration of the project certificate or an amendment of the Type “A” Water Licence. Please see related Terms and Conditions #17, #5, and #6. |
| Status for 2022: | Complete |
| Agnico Comments: | The project will continue to notify NIRB of planned changes to the mine facility, including the TIA, and its operations. It is understood that changes should be reported based on their anticipated social and environmental impacts to the Hope Bay Project. |
| Reference: | N/A |

Revised Term and Condition No. 35

Duty to Comply:

| Revised Term and Condition No. 35 | |
|-----------------------------------|---|
| Category: | Duty to Comply |
| Responsible Parties: | The Proponent |
| Project Phase: | All Phases |
| Objective: | N/A |
| Term or Condition: | The Proponent shall comply with all terms and conditions and any noncompliance constitutes a violation of the approval and is grounds for NIRB's reconsideration and recommendation to the Minister under Article 12, Part 8 of the NLCA. |
| Reporting Requirements: | N/A |
| Commentary: | N/A |
| Status for 2022: | N/A |
| Agnico Comments: | The Project will remain in compliance with this requirement as described herein. |
| Reference: | N/A |

New Term and Condition No. 36

| New Term and Condition No. 36 | |
|--------------------------------|---|
| Category: | Freshwater |
| Responsible Parties: | The Proponent and the Nunavut Water Board |
| Project Phase: | Pre-construction, construction, and operations |
| Objective: | To assess the environmental impact of the Project on Doris Lake and fish and fish habitat. |
| Term or Condition: | The Proponent shall continue year-round monitoring and recording of Doris Lake water levels during construction and operations. This will allow for detection of actual Doris Lake draw down below the sill level; computation of the amount of drawdown, quantification of the project impact, and implementation of adaptive mitigation and management measures as appropriate. |
| Reporting Requirements: | To be included in the Proponent's annual reporting to the NIRB. |
| Commentary: | N/A |
| Status for 2022: | Complete |
| Agnico Comments: | The project monitors and records Doris Lake Water Levels. Results of year-round monitoring and recording are provided in the Nunavut Water Board Annual Report submitted to the NWB and is available on the NWB ftp site. Additionally, Agnico has provided the 2022 Aquatic Effects Monitoring Program Report as Appendix D-4 to this report that addresses lake levels. |
| Reference: | 2022 Aquatic Effects Monitoring Program Report (ERM 2023c), Appendix D-4 of the 2022 NIRB Annual Report. |

New Term and Condition No. 37

| New Term and Condition No. 37 | |
|--------------------------------|--|
| Category: | Freshwater |
| Responsible Parties: | The Proponent, The Nunavut Water Board, and Indigenous and Northern Affairs Canada |
| Project Phase: | Pre-construction, construction, operations, care and maintenance |
| Objective: | To assess the environmental impact of the Project on groundwater due to mining in a talik. |
| Term or Condition: | The Proponent shall develop and submit a detailed Groundwater Management Plan for review during the water licensing process and to the Nunavut Impact Review Board as part of the plans available on the Doris North project. The plan shall acknowledge uncertainties pertaining to predictions of groundwater quantity and quality and inform the Groundwater Management Plan. Indigenous and Northern Affairs Canada should be consulted with respect to the contents of the Plan and any required mitigation measures. |
| Reporting Requirements: | To be included in the Proponent's annual reporting to the NIRB. |
| Commentary: | N/A |
| Status for 2022: | Complete |
| Agnico Comments: | Agnico implements the Hope Bay Project Ground Water Management Plan (Agnico 2022e). It was updated and submitted in coordination with the 2021 Nunavut Water Board Annual Report. |
| Reference: | Hope Bay Project Ground Water Management Plan (Agnico 2022) |

New Term and Condition No. 38

| New Term and Condition No. 38 | |
|--------------------------------|---|
| Category: | Marine Environment |
| Responsible Parties: | The Proponent and Indigenous and Northern Affairs Canada |
| Project Phase: | Operations, care and maintenance, and closure |
| Objective: | 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. |
| Term or Condition: | At least six (6) months prior to construction of the effluent pipeline and diffuser system the Proponent shall provide the NIRB with a detailed design for the system that includes the location of the pipeline in relation to the existing roadway, the location of the small jetty supporting the pipeline and the design of the diffuser. |
| Reporting Requirements: | To be included in the Proponent's annual reporting to the NIRB in the year which it is developed. |
| Commentary: | N/A |
| Status for 2022: | Complete |
| Agnico Comments: | In 2021, the effluent pipeline was severed due to ice freeze-up. The initial steps to retrieve and relocate the Roberts Bay Discharge System diffuser began in 2021, were completed during the open water season in 2021 and the final reattachment of the diffuser was completed in September 2022. |
| Reference: | TMAC correspondence to the NIRB Re: Marine Outfall Berm, Detailed Design Drawings and Hazard and Operability Study submitted on August 29, 2018. |

New Term and Condition No. 39

| New Term and Condition No. 39 | |
|--------------------------------|--|
| Category: | Marine Environment |
| Responsible Parties: | The Proponent and Indigenous and Northern Affairs Canada |
| Project Phase: | Operations, care and maintenance, and closure |
| Objective: | 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. |
| Term or Condition: | At least six (6) months prior to operation of the effluent pipeline and diffuser system, the Proponent shall conduct and submit to the Board a hazard and operability study of the pipeline and marine outfall system as part of the land authorization process. |
| Reporting Requirements: | To be included in the Proponent's annual reporting to the NIRB in the year it is to be developed. |
| Commentary: | The jetty is also defined as the marine outfall berm. |
| Status for 2022: | Complete |
| Agnico Comments: | TMAC submitted a hazard and operability study of the pipeline and marine outfall system to the NIRB on August 29, 2018. |
| Reference: | TMAC correspondence to the NIRB Re: Marine Outfall Berm, Detailed Design Drawings and Hazard and Operability Study submitted on August 29, 2018. |

New Term and Condition No. 40

| New Term and Condition No. 40 | |
|--------------------------------|---|
| Category: | Socio-Economic Impacts |
| Responsible Parties: | The Proponent and Hope Bay Socio-Economic Working Group |
| Project Phase: | All phases |
| Objective: | To monitor the socio-economic effects of the Project on affected communities of Nunavut and compare these effects to the impact predictions in the 2005 FEIS and the 2015 Amendment Application. |
| Term or Condition: | Within one (1) year of the issuance by the NIRB of an amended Project Certificate, the Proponent will submit an updated Doris North Socio-Economic Monitoring Plan for the review of the Hope Bay Socio-Economic Working Group review and comment that identifies any updates, changes and amended Terms of Reference for the Hope Bay Socio-Economic Working Group required to reflect the amendments to the Project as outlined in the 2015 Amendment Application. Any changes as agreed to by the Hope Bay Socio-Economic Working Group shall be submitted to the Nunavut Impact Review Board. |
| Reporting Requirements: | To be included in the Proponent's annual reporting to the NIRB. |
| Commentary: | N/A |
| Status for 2022: | In progress |
| Agnico Comments: | Hope Bay Project Socio-Economic Monitoring Program Plan update is in progress to align the Plan with the Term and Condition No 35 and provide monitoring for all phases of the Project (including temporary and final closure); the Plan will be finalized in 2023. The Hope Bay Project: 2022 Socio-Economic Monitoring Program report will be completed according to Plan update. |
| Reference: | Hope Bay Project: 2022 Socio-Economic Monitoring Program (ERM 2023b) |

New Term and Condition No. 41

| New Term and Condition No. 41 | |
|--------------------------------|---|
| Category: | Socio-Economic Impacts |
| Responsible Parties: | The Proponent, Hope Bay Socio-Economic Working Group, Kitikmeot Socio-Economic Monitoring Committee (K-SEMC) |
| Project Phase: | End of Operations, Temporary or Final Closure |
| Objective: | To prepare for, monitor and mitigate the potential socio-economic effects of temporary or permanent mine closure on the affected communities of Nunavut. |
| Term or Condition: | Two (2) years prior to the planned Final Closure of the Project, the Proponent shall, in collaboration with the Hope Bay Socio-Economic Working Group submit an updated Doris North Socio-Economic Monitoring Plan to the Kitikmeot Socio-Economic Monitoring Committee (K-SEMC) that will also include detail regarding specific measures that may mitigate the potential for negative effects as a result of Project closure. |
| Reporting Requirements: | Required updated Doris North Socio-Economic Monitoring Plan to be submitted to the NIRB at the same time as the K-SEMC. |
| Commentary: | N/A |
| Status for 2022: | Not applicable |
| Agnico Comments: | Two years prior to planned Final Closure Agnico will, in collaboration with the Hope Bay Socio-Economic Working Group, submit an updated Hope Bay Socio-Economic Monitoring Plan to the Kitikmeot Socio-Economic Monitoring Committee. |
| Reference: | N/A |

New Term and Condition No. 42

| New Term and Condition No. 42 | |
|--------------------------------|--|
| Category: | Socio-Economic Impacts |
| Responsible Parties: | The Proponent, Hope Bay Socio-Economic Working Group, Kitikmeot Socio-Economic Monitoring Committee (K-SEMC) |
| Project Phase: | End of Operations, Temporary or Final Closure |
| Objective: | To mitigate the potential socio-economic effects of temporary or permanent mine closure on the affected communities of Nunavut |
| Term or Condition: | Within six (6) months following an unanticipated temporary or final closure of the Project the Proponent shall, in collaboration with the Hope Bay Socio-Economic Working Group submit an updated Doris North Socio-Economic Monitoring Plan to the K-SEMC that will also include detail regarding specific measures that may mitigate the potential for negative effects as a result of the Project's temporary or permanent closure. |
| Reporting Requirements: | Required updated Doris North Socio-Economic Monitoring Plan to be submitted to the NIRB at the same time as the K-SEMC. |
| Commentary: | N/A |
| Status for 2022: | In progress |
| Agnico Comments: | Hope Bay Project Socio-Economic Monitoring Program Plan update is in progress to align the Plan with the Term and Condition No 35 and provide monitoring for all phases of the Project (including temporary and final closure); the Plan will be finalized in 2023. The Hope Bay Project: 2022 Socio-Economic Monitoring Program report will be completed according to Plan update. |
| Reference: | Hope Bay Project: 2022 Socio-Economic Monitoring Program (ERM 2023b) |

New Term and Condition No. 43

| New Term and Condition No. 43 | |
|--------------------------------|---|
| Category: | Socio-Economic Impacts |
| Responsible Parties: | The Proponent, Hope Bay Socio-Economic Working Group, and the Kitikmeot Socio-Economic Monitoring Committee (K-SEMC) |
| Project Phase: | End of Operations, Temporary or Final Closure |
| Objective: | To mitigate the potential socio-economic effects of temporary or permanent mine closure on the affected communities of Nunavut. |
| Term or Condition: | Two (2) years prior to the planned Final Closure of the Project, the Proponent shall submit to the NIRB an updated Human Resource Plan and Wellness Strategy for the Project that includes a Workforce Transition Strategy designed to mitigate the potential negative effects of Project closure on the affected communities of Nunavut. |
| Reporting Requirements: | Updated Human Resource Plan and Wellness Strategy submitted to the NIRB in accordance with the timelines prescribed. |
| Commentary: | For greater clarity, under this term and condition the update to the Human Resources Plan and Wellness Strategy for the Project (including a Workforce Transition Strategy) is required to be filed at least two (2) years prior to the Proponent's planned Final Closure of the Project, regardless of whether the Project has, at that time, already ceased operations, is being maintained in a temporarily closed phase or has already entered the final closure phase. |
| Status for 2022: | Not applicable |
| Agnico Comments: | Two years prior to planned Final Closure of the Project, Agnico will submit to the NIRB and updated Human Resources Plan and Wellness Strategy, including a Workforce Transition Strategy, for the Project. |
| Reference: | N/A |

New Term and Condition No. 44

| New Term and Condition No. 44 | |
|--------------------------------|---|
| Category: | Socio-Economic Impacts |
| Responsible Parties: | The Proponent, Government of Nunavut, and the Kitikmeot Socio-Economic Monitoring Committee (K-SEMC) |
| Project Phase: | All Phases |
| Objective: | To support co-ordination and collaboration of education and training initiatives with Government of Nunavut Initiatives. |
| Term or Condition: | Within six (6) months following an unanticipated temporary or final closure of the Project the Proponent shall submit to the NIRB an updated Human Resource Plan and Wellness Strategy for the Project that includes a Workforce Transition Strategy designed to mitigate the potential negative effects of Project closure on the affected communities of Nunavut. |
| Reporting Requirements: | Updated Human Resource Plan and Wellness Strategy submitted to the NIRB in accordance with the timelines prescribed. |
| Commentary: | N/A |
| Status for 2022: | Not implemented in 2022 |
| Agnico Comments: | In February 2022, Agnico placed Hope Bay under Care and Maintenance. An updated Human Resources Plan and Wellness Strategy for the Project that includes a Workforce Transition Strategy has not been prepared and submitted to NIRB within the six month time-frame. |
| Reference: | N/A |

New Term and Condition No. 45

| New Term and Condition No. 45 | |
|--------------------------------|--|
| Category: | Socio-Economic Impacts |
| Responsible Parties: | The Proponent and the Government of Nunavut |
| Project Phase: | All Phases |
| Objective: | To support co-ordination and collaboration of education and training initiatives with Government of Nunavut Initiatives. |
| Term or Condition: | To the extent that such communications are consistent with and not limited by the Proponent's obligations under the 2015 Hope Bay Inuit Impact and Benefit Agreement (IIBA), the Proponent shall share information with the Government of Nunavut, Department of Education with respect to the Proponent's youth employment initiatives in their Human Resources Plan, and other programs that may relate to education and will, to the extent possible integrate the Proponent's activities into the existing Department of Education program, and communication and delivery plans. |
| Reporting Requirements: | Collaboration and integration initiatives to be included in the Proponent's annual reporting to the NIRB. |
| Commentary: | N/A |
| Status for 2022: | Ongoing |
| Agnico Comments: | Agnico continues to coordinate and collaborate with the Government of Nunavut Department of Education, Department of Family Services and Nunavut Arctic College on education and training matters. This includes continued participation in the Nunavut Mine Training Roundtable, the KIA Employment and Training Stakeholder Working Group, and through specific scheduled meetings with officials. In 2019, TMAC worked with the Kitikmeot Inuit Association to negotiate a draft Memorandum of Understanding (MOU) with the Government of Nunavut that would further formalize coordination and collaboration efforts. The signing of the MOU was planned for the 2020 Nunavut Mining Symposium; however, this was cancelled due to COVID-19. With the purchase of the Project, Agnico is considering whether to sign the MOU or include Hope Bay under an existing MOU that Agnico has with the GN since 2017. |
| Reference: | N/A |

New Term and Condition No. 46

| New Term and Condition No. 46 | |
|--------------------------------|--|
| Category: | Socio-Economic Impacts |
| Responsible Parties: | The Proponent and the Government of Nunavut |
| Project Phase: | All Phases |
| Objective: | To support co-ordination and collaboration of education and training initiatives with Government of Nunavut Initiatives |
| Term or Condition: | <p>To the extent that such communications are consistent with and not limited by the Proponent's obligations under the 2015 Hope Bay Inuit Impact and Benefit Agreement (IIBA), the Proponent shall provide the Government of Nunavut (GN) and the NIRB information regarding the labour force needs of the Project as it proceeds:</p> <ul style="list-style-type: none"> • the title and number of positions required by department or work area; • the potential start dates; • to the level of education required (with reference to the specific positions); and • whether on-the-job or other forms of training and certification will be required (with reference to the specific positions). |
| Reporting Requirements: | To be included in the Proponent's annual reporting to the NIRB or when the Proponent anticipates significant changes in labour force needs for the Project. |
| Commentary: | N/A |
| Status for 2022: | Unimplemented in 2022 |
| Agnico Comments: | Agnico is committed to providing the GN Department of Family Services with a detailed listing of positions required for operations at Hope Bay. This information includes: position title, number of positions (by title), employment type (seasonal or permanent), education requirements, qualification requirements, and whether or not the training/ education is available in Nunavut. As the project entered into Care and Maintenance in February 2022 and shifted its focus to exploration, there was a net loss of positions at Hope Bay and/or transfer of positions in 2022 to other Agnico Eagle operations in Nunavut. |
| Reference: | N/A |

New Term and Condition No. 47

| New Term and Condition No. 47 | |
|--------------------------------|---|
| Category: | Socio-Economic Impacts |
| Responsible Parties: | The Proponent, Hope Bay Socio-Economic Working Group, and the Kitikmeot Socio-Economic Monitoring Committee (K-SEMC) |
| Project Phase: | All Phases |
| Objective: | To assess the effects of the Proponent's education and training initiatives in the affected Nunavut communities. |
| Term or Condition: | To the extent that such communications are consistent with and not limited by the Proponent's obligations under the 2015 Hope Bay Inuit Impact and Benefit Agreement (IIBA), the Proponent shall share relevant data (quantitative and qualitative) concerning the implementation and success of training and education programs, with other socio-economic monitoring initiatives including the Hope Bay Socio-Economic Working Group and the Kitikmeot Socio-Economic Monitoring Committee. |
| Reporting Requirements: | Collaboration and integration initiatives to be included in the Proponent's annual reporting to the NIRB. |
| Commentary: | N/A |
| Status for 2022: | Complete |
| Agnico Comments: | In 2022, Agnico continues the practise of including detailed and standardized on-the-job training statistics and program summaries as part of our annual Socio-Economic Monitoring reporting. |
| Reference: | Hope Bay Project: 2022 Socio-Economic Monitoring Program (ERM 2023b) |

New Term and Condition No. 48

| New Term and Condition No. 48 | |
|-------------------------------|---|
| Category: | Cultural, Archaeological and Paleontological Impacts |
| Responsible Parties: | The Proponent and the Government of Nunavut - Department of Culture and Heritage (GN-DCH) |
| Project Phase: | All Phases |
| Objective: | To ensure that all archaeological resources that the Proponent identifies in the project development area are fully documented. |
| Term or Condition: | By February 28 of each year when there are significant footprint changes to the project development area or an archaeological permit is requested, the Proponent will provide the GN-DCH with a series of maps and tables indicating the current status of all archaeological sites within the project development area. The Proponent shall consult with the GN-DCH to establish the contents of the maps and tables that must be submitted. |
| Reporting Requirements | Recognizing that these detailed maps are to remain confidential, the Proponent is only required to submit this information to the applicable Government of Nunavut representative (Territorial Archaeologist or designate). |
| Commentary: | N/A |
| Status for 2022: | Complete |
| Agnico Comments: | This condition has been satisfied in consultation with the GN-DCH. |
| Reference: | Hope Bay Project 2022 Archaeological Investigation Final Permit Report (Points West Heritage Consulting Ltd. 2023b) submitted to the Territorial Archaeologist. Department of Culture and Heritage in February 2022. |

New Term and Condition No. 49

| New Term and Condition No. 49 | |
|--------------------------------|---|
| Category: | Socio-Economic Impacts |
| Responsible Parties: | The Proponent, Government of Nunavut - Nunavut Housing Corporation, and the Kitikmeot Socio-Economic Monitoring Committee (K-SEMC) |
| Project Phase: | All Phases |
| Objective: | To monitor whether the predictions of Project-induced effects of in-migration remain accurate and mitigation measures intended to limit these effects are sufficient. |
| Term or Condition: | If the Government of Nunavut and the Nunavut Housing Corporation develop an anonymous voluntary housing survey, the Proponent shall make the survey available to Nunavummiut site personnel and the Proponent will return any completed surveys to the Government of Nunavut. |
| Reporting Requirements: | N/A |
| Commentary: | It should be noted that interpretation of the results, modifications to the surveys and any reporting of the results remain the responsibility of the authors of the survey, the Government of Nunavut and Nunavut Housing Corporation. |
| Status for 2022: | Unimplemented in 2022 |
| Agnico Comments: | NHC Housing Survey was not developed in 2022. |
| Reference: | N/A |

New Term and Condition No. 50

| New Term and Condition No. 50 | |
|--------------------------------|---|
| Category: | Marine Environment |
| Responsible Parties: | The Proponent, Indigenous and Northern Affairs Canada, Environment and Climate Change Canada, and Fisheries and Oceans Canada |
| Project Phase: | Operations, care and maintenance, and closure |
| Objective: | 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. |
| Term or Condition: | The Proponent shall remove the subsea pipeline and diffuser in Roberts Bay when the pipeline is 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. |
| Reporting Requirements: | To be included in the Proponent's annual reporting to the NIRB as required. |
| Commentary: | N/A |
| Status for 2022: | N/A |
| Agnico Comments: | Agnico will review options with the Nunavut Impact Review Board at the time when the pipeline and diffuser in Roberts Bay is no longer in use. |
| Reference: | N/A |

6.2 MADRID-BOSTON PROJECT CERTIFICATE NO. 009

New Term and Condition No. 1

| New Term and Condition No. 1 | |
|--------------------------------|---|
| Category: | Air Quality – Air Quality Management Plan |
| Responsible Parties: | The Proponent, Environment and Climate Change Canada |
| Project Phase: | All Phases |
| Objective: | To ensure that impacts of the Project on air quality are identified, effectively mitigated and adaptively managed. |
| Term or Condition: | <p>The Proponent shall maintain an Air Quality Management Plan that addresses the following areas/issues:</p> <ul style="list-style-type: none"> a) regular stack testing of incinerators to demonstrate emissions are within levels predicted or within applicable guidelines or standards; b) continuous NO₂ monitoring and demonstration that NO₂ emissions do not exceed levels impact predictions nor relevant guidelines; and c) implementation of dust suppression measures and demonstration that dustfall and concentrations of suspended particulate matter are within levels predicted or committed to, and within levels or limits established by applicable guidelines and regulations. |
| Reporting Requirements: | The Plan should be submitted to the Nunavut Impact Review Board (NIRB) prior to the start of construction and reported on annually (or more frequently for monitoring results that may already be required under Project Certificate No. 003, such as Term and Condition #30). For years when stack testing has been conducted, the stack testing results must also be reported to Environment and Climate Change Canada (ECCC) as ECCC directs. |
| Commentary: | N/A |
| Status for 2022: | Complete |
| Agnico Comments: | Agnico’s Air Quality Management Plan (TMAC 2019) addresses this term and condition. The updated Air Quality Management Plan was submitted to the NIRB in April 2019. |
| Reference: | Hope Bay Project Air Quality Management Plan (TMAC 2019) |

New Term and Condition No. 2

| New Term and Condition No. 2 | |
|--------------------------------|--|
| Category: | Climate and Meteorology – Greenhouse Gas Reduction Plan |
| Responsible Parties: | The Proponent |
| Project Phase: | Construction and Operations |
| Objective: | To monitor and reduce greenhouse gas emissions produced by the Project. |
| Term or Condition: | The Proponent shall maintain a Greenhouse Gas Emissions (GHG) Reduction Plan which includes: <ul style="list-style-type: none"> a) an estimate of the Project's GHG baseline emissions; b) a description of monitoring measures to be undertaken, including the methods, frequency, parameters, and a description the analysis that will be carried out on the monitoring data generated; and c) a description of mitigative and adaptive strategies to reduce project-related greenhouse gas emissions over the Project lifecycle. |
| Reporting Requirements: | The Plan should be submitted to the Nunavut Impact Review Board (NIRB) prior to the start of construction, with subsequent updates or revisions to the Plan submitted annually thereafter or as may otherwise be required by the NIRB. |
| Commentary: | N/A |
| Status for 2022: | Complete |
| Agnico Comments: | The Project's Greenhouse Gas (GHG) Emissions baseline emissions estimate, monitoring measures, and description of mitigative and adaptive strategies to reduce project-related GHG emissions over the Project lifecycle is provided in Madrid-Boston FEIS, Section 1.6. Agnico will continue to maintain this GHG Reduction Plan as required, including consideration prior to the development of wind power generation. |
| Reference: | Section 1.6 of the Madrid-Boston FEIS (TMAC 2018) |

New Term and Condition No. 3

| New Term and Condition No. 3 | |
|--------------------------------|--|
| Category: | Climate and Meteorology – Mine Closure and Reclamation Plan |
| Responsible Parties: | The Proponent |
| Project Phase: | Temporary Closure/Care and Maintenance, Closure and Post-Closure |
| Objective: | To ensure mitigation, monitoring, and adaptive management measures are in place for the long-term stability, containment, and integrity of project components and the protection of environmental features. |
| Term or Condition: | <p>The Proponent shall maintain a Mine Closure and Reclamation Plan that addresses the following areas/issues:</p> <ul style="list-style-type: none"> a) adaptive management approaches for monitoring and mitigation measures to ensure long-term containment of the Tailings Storage Facility and Waste Rock Storage Areas; b) measures to maintain the integrity of the groundwater quality within and adjacent to the Project; and c) estimates of the approximate fill time for the mine pits. |
| Reporting Requirements: | The Plan should be submitted to the Nunavut Impact Review Board (NIRB) prior to the start of construction, with subsequent updates or revisions to the Plan submitted annually thereafter or as may otherwise be required by the NIRB. |
| Commentary: | The terms “Tailings Storage Facility”, “Waste Rock Storage Areas” and “mine pit” are intended to apply to the underground workings. |
| Status for 2022: | Complete |
| Agnico Comments: | <p>In February 2022, Agnico made the decision to maintain the suspension of production activities at the Doris Mill and at the Madrid North Portal. As such, mill operations remained suspended and underground activities focused on exploration development. Underground mining operations continued at Doris Mine, Agnico focused on producing from developed stopes and bringing ore to surface until March 2022, at which point operations were scaled back and underground development focused on supporting exploration activities.</p> <p>As required under the Water Licence (2AM- DOH1335) Anico Eagle provided a the Doris-Madrid Care and Maintenance Plan to the NWB on April 29, 2022. In accordance with the Water Licence, the plan detailed the site activities to continue and/or to be initiated through the temporary suspension period. The Care and Maintenance Plan provides the key roles and responsibilities of the site personnel, activities to be implemented for the maintenance of mine site facilities, management and monitoring measures, and procedures to be implemented in accordance with temporary closure goals and regulatory requirements. Further, Agnico Eagle has made updates to three management plans to incorporate care and maintenance activities and has provided the Doris-Madrid Water Management Plan, Explosives Management Plan, and the Operations, Maintenance, and Surveillance Manual: Doris Tailings Impoundment Area.</p> <p>As per the respective Type A Water Licence(s), Closure and Reclamation Plans will be updated every five years.</p> |
| Reference: | <p>Hope Bay Project Boston Conceptual Closure and Reclamation Plan (SRK 2017a) Hope Bay Project Doris-Madrid Interim Closure and Reclamation Plan (SRK 2017b)</p> |

New Term and Condition No. 4

| New Term and Condition No. 4 | |
|--------------------------------|---|
| Category: | Noise and Vibration – Noise Abatement and Monitoring |
| Responsible Parties: | The Proponent, Government of Nunavut-Department of Environment, Environment and Climate Change Canada, Health Canada, Fisheries and Oceans Canada |
| Project Phase: | All Phases |
| Objective: | To minimize sensory disturbance to humans and wildlife |
| Term or Condition: | <p>The Proponent shall, in consultation with the Government of Nunavut-Department of Environment, Environment and Climate Change Canada, and Health Canada, maintain a Noise Abatement Monitoring Plan that addresses the following areas/issues:</p> <ol style="list-style-type: none"> measures to protect people, fish, and wildlife, from mine activity noise and vibration, including blasting, drilling, equipment, vehicles and aircraft; monitoring of noise at least once during each phase of the Project and following quarry blasts to demonstrate that noise levels remain within predicted levels and below applicable guidelines and standards; adaptive management and monitoring measures to be implemented should monitoring identify an exceedance; and the procedure employees should follow if they have any noise complaints. |
| Reporting Requirements: | The Plan should be submitted to the Nunavut Impact Review Board (NIRB) prior to the start of construction and reported on annually (or more frequently for monitoring results that may already be required under Project Certificate No. 003, such as Term and Condition #29). |
| Commentary: | N/A |
| Status for 2022: | Complete |
| Agnico Comments: | Hope Bay does not maintain a standalone Noise Abatement Plan. For the protection of people, Hope Bay implements noise monitoring and abatement under its occupational health and safety management program which is reviewed by the WSCC Mines Inspector. For the protection of wildlife, Hope Bay implements its noise management under its wildlife mitigation and monitoring program. The 2022 Wildlife Mitigation and Monitoring Program Compliance Report (ERM 2023a), Appendix D-3, was submitted to NIRB as part of the 2022 Annual Report. |
| Reference: | Wildlife Mitigation and Monitoring Plan (Agnico 2023b) Hope Bay Health and Safety Management Plan (TMAC 2017a) |

New Term and Condition No. 5

| New Term and Condition No. 5 | |
|--------------------------------|--|
| Category: | Acid Rock Drainage and Metal Leaching Management |
| Responsible Parties: | The Proponent |
| Project Phase: | All Phases |
| Objective: | To mitigate potential impacts from acid rock drainage and metal leaching. |
| Term or Condition: | <p>The Proponent shall maintain a stand-alone Acid Rock Drainage and Metal Leaching Management Plan (or equivalent as may be specified under the Type “A” Water Licence) that includes the following information:</p> <ul style="list-style-type: none"> a) procedures for inspection and sampling/testing of waste rock, ore, tailings storage facilities, and quarry source material; b) thermal monitoring of waste rock and tailings storage facilities, including tailings management areas; c) seepage management and monitoring; d) a schedule for reporting of results and periodic updating of predictions for seepage water quality; e) planning for optimal cover conditions above-ground mine- and quarry-related material storage facilities; f) contingency measures that may be implemented if required, including measures to address the potential for leaching of arsenic from waste rock and ore stockpiles, and tailings under neutral pH conditions; g) plans for comparing monitoring results from receiving waters to model predictions; and h) identification of thresholds that will trigger specific management actions, including active water treatment, if trends analyses indicate water quality objectives may be exceeded. |
| Reporting Requirements: | The Plan should be submitted to the Nunavut Impact Review Board (NIRB) prior to the start of construction, with subsequent updates or revisions to the Plan submitted annually thereafter or as may otherwise be required by the NIRB. |
| Commentary: | N/A |
| Status for 2022: | Complete |
| Agnico Comments: | <p>Hope Bay has existing Management Plans and standard operating procedures that are in place to address this term and condition including; Hope Bay Project Quarry Management Plan (March 2022), Hope Bay Project Waste Rock, Ore and Mine Backfill Management Plan (March 2022), Aquatic Effects Monitoring Plan (TMAC 2018a), and the Doris TIA Operations, Maintenance and Surveillance Manual (Agnico 2023g). These plans are subject to annual review and will be updated as required and submitted to the NWB and NIRB.</p> |
| Reference: | <p>Hope Bay Project Quarry Management and Monitoring Plan (Agnico 2023e) Hope Bay Project Waste Rock, Ore and Mine Backfill Management Plan (Agnico 2023f) Hope Bay Project Aquatic Effects Monitoring Plan (TMAC 2018a) Doris TIA Operations, Maintenance and Surveillance Manual (Agnico 2023g) Type A Water Licence 2AM-DOH1335 Results of monitoring are found in 2022 Waste Rock and Ore Monitoring Report, Boston Camp (SRK 2023a), Appendix D-5 of the 2022 NIRB Annual Report.</p> |

New Term and Condition No. 6

| New Term and Condition No. 6 | |
|--------------------------------|--|
| Category: | Site-specific Geotechnical Studies, Permafrost Monitoring, Mapping and Thermal Analysis |
| Responsible Parties: | The Proponent |
| Project Phase: | Pre-construction |
| Objective: | To prevent potential impacts to sensitive land features and to ensure the integrity of site infrastructure is maintained through better characterization and monitoring of ground ice conditions and identification of sensitive terrain in the project area. |
| Term or Condition: | <p>In consultation with applicable regulatory agencies and experts such as Natural Resources Canada, the Proponent shall undertake additional site-specific geotechnical investigations, permafrost monitoring, mapping and thermal analysis to:</p> <ol style="list-style-type: none"> document permafrost conditions, including seasonal thaw, amount of ground ice; inform the detailed design of project infrastructure, including foundations, such as water management structures, mine site and haul roads, waste rock storage facilities, and tailings storage facilities, including dam structures associated with the Doris North Tailings Impoundment Area; inform updates/revisions to management plans related to waste rock, ore, and tailings storage facilities, including adaptive management strategies with clear thresholds for implementation to minimize the potential for impacts from these facilities; and ensure the integrity of project infrastructure and components, including tailings cover, is maintained post-closure. |
| Reporting Requirements: | Results from these studies and updated/revised plans should be submitted to the Nunavut Impact Review Board (NIRB) prior to the start of construction of applicable project components or facilities, with results or updates submitted annually thereafter as when necessary. |
| Commentary: | N/A |
| Status for 2022: | Complete |
| Agnico Comments: | <p>Hope Bay has existing standard operating procedures that are in place to address this term and condition. The Doris, Madrid and Boston foundation conditions have been well-studied and documented in the Geotechnical Design Parameters and Overburden Summary Report (SRK 2017c). Construction is executed as per the Technical Specifications and Earthworks and Geotechnical Engineering Report (SRK 2018). If required, site specific data and analysis is initiated at the recommendation of the licensed design engineer.</p> <p>Design details are made available in advance of construction as required under Part D, Item 1 of Water Licence 2AM-DOH1335 Amendment No. 2. Subsequent geotechnical inspections of all surface infrastructure are an annual requirement in response to Part I, Item 9 of Water Licence 2AM-DOH1335. The objective of these annual inspections is to ensure permafrost integrity and confirm that the project's surface infrastructure is performing as intended from a geotechnical perspective.</p> |
| Reference: | <p>Geotechnical Design Parameters and Overburden Summary Report (SRK 2017c)</p> <p>Technical Specifications Earthworks and Geotechnical Engineering Hope Bay Project, Nunavut Canada Revision H – Issue for Construction (SRK 2018)</p> <p>2022 TIA Annual Geotechnical Inspection Report (SRK 2023c)</p> |

New Term and Condition No. 7

| New Term and Condition No. 7 | |
|--------------------------------|--|
| Category: | Erosion Management Plan |
| Responsible Parties: | The Proponent |
| Project Phase: | All Phases |
| Objective: | To ensure management of erosion from land disturbance. |
| Term or Condition: | <p>The Proponent shall maintain an Erosion Management Plan designed to prevent or minimize erosion and its resulting effects from project-related land disturbance. The Plan shall include the following:</p> <ul style="list-style-type: none"> a) identification of specific project activities that require erosion control; b) description of associated erosion issues; and c) specific measures to prevent or minimize erosion. |
| Reporting Requirements: | The Plan should be submitted to the Nunavut Impact Review Board (NIRB) prior to the start of construction, with subsequent updates or revisions to the Plan submitted annually thereafter or as may otherwise be required by the NIRB. |
| Commentary: | N/A |
| Status for 2022: | Completed |
| Agnico Comments: | Hope Bay has an existing Doris-Madrid Water Management Plan, which has recently been updated in March 2023, and a Boston Water Management Plan (TMAC 2017b) in place which provide erosion control management measures to prevent and minimize erosion and its resulting effects from project-related land disturbances. |
| Reference: | <p>Hope Bay Project Doris-Madrid Water Management Plan (Agnico 2023h)</p> <p>Hope Bay Project Boston Water Management Plan (TMAC 2017b)</p> |

New Term and Condition No. 8

| New Term and Condition No. 8 | |
|--------------------------------|---|
| Category: | Mine Closure and Reclamation Plan – Progressive Reclamation and Restoration Reflecting Natural Aesthetics and Community Aesthetic Values |
| Responsible Parties: | The Proponent |
| Project Phase: | All Phases |
| Objective: | To ensure that disturbed land parcels no longer required for operations are progressively reclaimed with the natural aesthetics restored to the extent practicable. |
| Term or Condition: | As part of the Mine Closure and Reclamation Plan (or equivalent), the Proponent shall develop and implement a program to progressively reclaim disturbed areas within the project footprint, with an emphasis on restoring the natural aesthetics of the area through re-contouring to the extent practicable. Acceptability of reclamation efforts should be confirmed through the Proponent's public engagement with local communities and discussion of local aesthetic values (e.g., acceptability of the topography and landscape of the project areas following progressive reclamation efforts). Progressive reclamation efforts should also demonstrate consideration for the feasibility of topsoil/organic matter salvage to promote revegetation. |
| Reporting Requirements: | The Plan should be submitted to the Nunavut Impact Review Board (NIRB) prior to the start of construction, with subsequent updates or revisions to the Plan submitted annually thereafter or as may otherwise be required by the NIRB. |
| Commentary: | N/A |
| Status for 2022: | Complete |
| Agnico Comments: | <p>An updated November 2017 Interim Closure and Reclamation Plan for the Doris-Madrid portions of the Project and a November 2017 Conceptual Closure and Reclamation Plan for the Boston portion of the Project, including a description of the progressive reclamation programs, were submitted and approved by the NWB with licence issuance in early 2019.</p> <p>In 2022, progressive reclamation work was focused on Windy Camp. The Environment team completed reclamation of historical infrastructure at Windy Camp at Hope Bay. The primary activities completed from July 13 to August 1, 2022 included: dismantling the camp, demolition, material sorting/ segregation, and disposal offsite or open burning of material at Doris North Camp.</p> <p>As per the respective Water Licence(s), the Closure and Reclamation Plan is intended to be updated every five years. Per the Care and Maintenance Plan and as requested by KIA, in 2022 Agnico and the KIA began a third party, independent review of the closure plan and costs. This work will be completed in 2023.</p> |
| Reference: | <p>Hope Bay Project Boston Conceptual Closure and Reclamation Plan (SRK 2017a)</p> <p>Hope Bay Project Doris-Madrid Interim Closure and Reclamation Plan (SRK 2017b)</p> |

New Term and Condition No. 9

| New Term and Condition No. 9 | |
|--------------------------------|--|
| Category: | Talik Distribution and Flow |
| Responsible Parties: | The Proponent |
| Project Phase: | All phases |
| Objective: | To provide information on potential project impacts on talik distribution and flow. |
| Term or Condition: | The Proponent shall implement a Thermal Monitoring Plan to identify potential changes in talik distribution and flow paths that may result from the development of project infrastructure, including underground workings, tailings storage facilities, and water impoundment areas. |
| Reporting Requirements: | The Plan should be submitted to the Nunavut Impact Review Board (NIRB) prior to the start of construction, with subsequent updates submitted annually thereafter or as may otherwise be required by the NIRB. |
| Commentary: | N/A |
| Status for 2022: | Complete |
| Agnico Comments: | Thermal monitoring required of project components is addressed under existing project management plans previously provided to the NIRB or various standard operating procedures and engineering requirements. A geotechnical inspection of the underground workings is conducted annually by a qualified Geotechnical Engineer and considers the groundwater conditions underground and groundwater inflow in the underground mine workings. Thermal monitoring is undertaken as part of the annual geotechnical inspections required under Hope Bay's Water Licences. These include the Boston Advanced Exploration Project, the Doris-Madrid Project and the Tailings Impoundment Area. If warming of foundations did occur it would be identified through the existing monitoring instrumentation and procedures and mitigation or remediation measures would be evaluated. If relevant, possible impacts to talik distribution and flow paths would be identified. |
| Reference: | 2022 TIA Annual Geotechnical Inspection Report (SRK 2023c) Hope Bay Project Groundwater Management Plan (Agnico 2022) |

New Term and Condition No. 10

| New Term and Condition No. 10 | |
|--------------------------------|--|
| Category: | Surface Water Hydrology, Surface Water Quality, Sediment Quality and Freshwater Aquatic Environment – Aquatic Effects Monitoring Plan, and Water Management Plan |
| Responsible Parties: | The Proponent |
| Project Phase: | All Phases |
| Objective: | To mitigate potential impacts to surface waters. |
| Term or Condition: | <p>Subject to potential receipt of more detailed direction from the Nunavut Water Board, the Proponent shall:</p> <ol style="list-style-type: none"> monitor the effects of project activities and infrastructure on surface water quality conditions; ensure the monitoring data is sufficient to compare the impact predictions made for the Project with actual monitoring results; ensure that the sampling locations and frequency of monitoring is consistent with and reflects the requirements of the Aquatic Effects Monitoring Plan, and Water Management Plan; and on an annual basis, compare monitoring results with the impact assessment predictions in the FEIS and will identify any significant discrepancies between impact predictions and monitoring results. |
| Reporting Requirements: | The Plan should be submitted to the Nunavut Impact Review Board (NIRB) prior to the start of construction, with subsequent updates or revisions to the Plan submitted annually thereafter or as may otherwise be required by the NIRB. |
| Commentary: | N/A |
| Status for 2022: | Complete |
| Agnico Comments: | <p>Hope Bay has existing Management Plans in place to address these items including the Doris-Madrid Water Management Plan (Agnico 2022b), Boston Water Management Plan (TMAC 2017b), and the Aquatic Effects Monitoring Plan (TMAC 2018a). These plans are subject to annual review and have been submitted to the NWB and NIRB as required.</p> <p>Surface water quality and hydrology monitoring results, along with comparisons to FEIS impact predictions are presented in the 2022 Aquatic Effects Monitoring Program Report (Appendix D-4) and also in Section 8.</p> |
| Reference: | <p>Hope Bay Project Aquatic Effects Monitoring Plan (TMAC 2018a) Doris Project: 2022 Aquatic Effects Monitoring Program Report (ERM 2023c), Appendix D-4 of the 2022 NIRB Annual Report Hope Bay Project Doris-Madrid Water Management Plan (Agnico 2023h) Hope Bay Project Boston Water Management Plan (TMAC 2017b)</p> |

New Term and Condition No. 11

| New Term and Condition No. 11 | |
|--------------------------------|--|
| Category: | Groundwater and Surface Water Quality, Sediment Quality and Freshwater Aquatic Environment – Aquatic Effects Monitoring Plan |
| Responsible Parties: | The Proponent, Nunavut Water Board, Environment and Climate Change Canada, and Fisheries and Oceans Canada |
| Project Phase: | All Phases |
| Objective: | To mitigate potential impacts to groundwater, surface waters and freshwater aquatic environment. |
| Term or Condition: | <p>The Proponent shall, reflecting any direction from responsible authorities, maintain an Aquatic Effects Monitoring Program (AEMP) designed to appropriately characterize the receiving environment and ensure that adequate data is available to assess impact predictions made for the Project and prevent adverse impacts from occurring. The AEMP should include measures to:</p> <ol style="list-style-type: none"> a) determine the short and long-term effects in the aquatic environment resulting from the Project; b) evaluate the accuracy of Project effect predictions; c) assess the effectiveness of mitigation and management measures on Project effects; d) identify additional mitigation measures to avert or reduce environmental effects due to Project activities; e) comply with Metal and Diamond Mining Effluent Regulations requirements, should an Environmental Effects Monitoring program be triggered; f) reflect site-specific water quality conditions; g) include details comparing the watershed features from the Aimaokatalok, Windy, and Doris watersheds to the reference watersheds (Reference A, Reference B, Reference C and Reference D lakes and streams); and h) evaluate the mixing and non-mixing portion of the pit. |
| Reporting Requirements: | The Plan should be submitted to the Nunavut Impact Review Board (NIRB) prior to the start of construction, with subsequent updates or revisions to the Plan submitted annually thereafter or as may otherwise be required by the NIRB. |
| Commentary: | N/A |
| Status for 2022: | Complete |
| Agnico Comments: | <p>Hope Bay has an existing Hope Bay Project Aquatic Effects Monitoring Plan (TMAC 2018a) that includes Boston and Madrid sites to evaluate these measures. This plan is subject to annual review and updated as required.</p> <p>Water quality monitoring results, along with comparisons to FEIS impact predictions as applicable are presented in the 2022 Aquatic Effects Monitoring Program Report (Appendix D-4) and also in Section 8.</p> |
| Reference: | <p>Hope Bay Project Aquatic Effects Monitoring Plan (TMAC 2018a). 2022 Aquatic Effects Monitoring Program Report (ERM 2023c), Appendix D-4 of the 2022 NIRB Annual Report.</p> |

New Term and Condition No. 12

| New Term and Condition No. 12 | |
|--------------------------------|---|
| Category: | Freshwater Aquatic Environment – Setbacks |
| Responsible Parties: | The Proponent |
| Project Phase: | All Phases |
| Objective: | To mitigate impacts of runoff/sedimentation from project quarries and borrow pits into freshwater aquatic habitat. |
| Term or Condition: | Unless otherwise authorized, the Proponent shall maintain an appropriate setback distance between project quarries and borrow pits from fish-bearing or permanent waterbodies as required to prevent acid rock drainage or metal leaching into such waterbodies and to mitigate the potential for impacts from runoff/sedimentation associated with project quarries and borrow pits. |
| Reporting Requirements: | The Proponent shall provide information regarding quarry setback distances maintained and/or mitigation measures implemented in fulfillment of this Term and Condition in the Proponent's annual report to the Nunavut Impact Review Board. |
| Commentary: | N/A |
| Status for 2022: | Complete |
| Agnico Comments: | Agnico continues to maintain an appropriate setback distance between project quarries and borrow pits from fish-bearing or permanent waterbodies as required to prevent to water quality impacts associated with project quarries and borrow pits. |
| Reference: | Hope Bay Project Quarry Management and Monitoring Plan (Agnico 2022d) |

New Term and Condition No. 13

| New Term and Condition No. 13 | |
|--------------------------------|---|
| Category: | Freshwater Aquatic Environment – Watercourses |
| Responsible Parties: | The Proponent, Fisheries and Oceans Canada |
| Project Phase: | All Phases |
| Objective: | To prevent blockages or restrictions to fish passages. |
| Term or Condition: | The Proponent shall ensure that all project infrastructure in watercourses are designed and constructed in such a manner that they do not unduly prevent or limit the movement of water or fish species in fish bearing streams and rivers, unless otherwise authorized by Fisheries and Oceans Canada. |
| Reporting Requirements: | The Proponent shall report on how it has maintained and/or implemented mitigation measures in fulfillment of this Term and Condition in the Proponent's annual report to the Nunavut Impact Review Board. |
| Commentary: | N/A |
| Status for 2022: | Complete |
| Agnico Comments: | Agnico continues to ensure that all project infrastructure in watercourses are designed and constructed in such a manner that they do not unduly prevent or limit the movement of water or fish species in fish bearing streams and rivers, unless otherwise authorized by Fisheries and Oceans Canada. See Section 2 of the 2022 NIRB Annual Report for relevant fisheries related authorizations. |
| Reference: | 2022 NIRB Annual Report, Section 2 |

New Term and Condition No. 14

| New Term and Condition No. 14 | |
|--------------------------------|--|
| Category: | Freshwater Aquatic Environment – Blasting |
| Responsible Parties: | The Proponent, Fisheries and Oceans Canada |
| Project Phase: | All Phases |
| Objective: | To mitigate impacts of explosives use on fish and fish habitat. |
| Term or Condition: | The Proponent shall engage with Fisheries and Oceans Canada to develop project specific thresholds, mitigation and monitoring for any blasting activities that would exceed the requirements of Fisheries and Oceans Canada’s <i>Guidelines for the Use of Explosives In or Near Canadian Fisheries Waters</i> . |
| Reporting Requirements: | If project-specific thresholds, mitigation and monitoring requirements are developed, the Proponent shall identify these requirements in the annual report provided to the Nunavut Impact Review Board. |
| Commentary: | N/A |
| Status for 2022: | Complete |
| Agnico Comments: | No project-specific thresholds, mitigation and monitoring requirements were developed or sought from Fisheries and Oceans Canada for blasting activities in 2022. |
| Reference: | - |

New Term and Condition No. 15

| New Term and Condition No. 15 | |
|--------------------------------|---|
| Category | Freshwater Aquatic Environment – Winter Ice Road |
| Responsible Parties | The Proponent |
| Project Phase | All Phases |
| Objective | To mitigate impacts to fish and fish habitat. |
| Term or Conditions | The Proponent shall implement all applicable Fisheries and Oceans Canada best management practices to avoid and mitigate serious harm to fish as a result of the construction, operations, and decommissioning of winter ice roads, and from under ice water withdrawals. This includes adequately screening the water intake pipes to prevent impingement and entrainment of fish. |
| Reporting Requirements: | Information regarding best management practices and/or mitigation measures implemented by the Proponent in fulfillment of this Term and Condition shall be provided in the Proponent's annual report to the Nunavut Impact Review Board. |
| Commentary: | N/A |
| Status for 2022: | Complete |
| Agnico Comments: | Industrial and Winter Track water use was supervised by Hope Bay's Environmental Department to ensure applicable Fisheries and Oceans Canada guidance was followed, including adequately screening the water intake pipes to prevent entrainment of fish. |
| Reference: | - |

New Term and Condition No. 16

| New Term and Condition No. 16 | |
|--------------------------------|--|
| Category: | Freshwater Aquatic Environment – Water Crossings |
| Responsible Parties: | The Proponent |
| Project Phase: | All Phases |
| Objective: | To mitigate impacts to fish and fish habitat. |
| Term or Condition: | The Proponent shall implement all applicable Fisheries and Oceans Canada best management practices to avoid and mitigate serious harm to fish as a result of water crossing construction, operations, and decommissioning for all fish-bearing water crossings. |
| Reporting Requirements: | Information regarding best management practices and/or mitigation measures implemented by the Proponent in fulfillment of this Term and Condition shall be provided in the Proponent's annual report to the Nunavut Impact Review Board. |
| Commentary: | N/A |
| Status for 2022: | Complete |
| Agnico Comments: | Agnico continues to implement applicable Fisheries and Oceans Canada management practices to avoid and mitigate harm to fish as a result of water crossing construction, operations, and decommissioning for all fish-bearing water crossings. For all fish bearing water crossings, Agnico consults with Fisheries and Oceans Canada prior to commencement of any work to discuss required approvals, preferred approaches and applicable management practices. See Section 2 of the 2022 NIRB Annual Report for relevant fisheries related authorizations for the Project. |
| Reference: | 2022 NIRB Annual Report, Section 2 |

New Term and Condition No. 17

| New Term and Condition No. 17 | |
|--------------------------------|---|
| Category: | Vegetation – invasive and rare plant species |
| Responsible Parties: | The Proponent, Government of Nunavut |
| Project Phase: | All Phases |
| Objective: | To prevent the introduction of invasive plant species and protect rare plant species. |
| Term or Condition: | <p>The Proponent shall maintain a section in the Wildlife Mitigation and Monitoring Plan (WMMP) on invasive plant species and rare plant species with details on the following:</p> <ul style="list-style-type: none"> a) mitigation to prevent the introduction of invasive plant species, for example, via inspection of vehicles and equipment brought to site; b) protocols for monitoring for invasive plant species, with reference to geographic scope and frequency, and commitment to monitor through post-closure; c) measures to ensure that any introductions of non-indigenous plant species are promptly reported to the Government of Nunavut – Department of Environment; d) mitigation to prevent the successful establishment of invasive species that may be introduced to the project area as a result of project activities.; and e) summary of loss of potential rare plant habitat when construction occurs in new areas. |
| Reporting Requirements: | A description of monitoring and mitigation undertaken and a summary of results related to introduction of invasive plant and protection of rare plants shall be provided in the Proponent’s annual report to the Nunavut Impact Review Board. |
| Commentary: | N/A |
| Status for 2022: | N/A |
| Agnico Comments: | <p>The updated WMMP (January 2023) provides an overview of mitigation for invasive plants and a requirement to report any observations to the Government of Nunavut – Department of Environment. An invasive plant monitoring program, carried out via field surveys every 5 years, has also been added.</p> <p>The WMMP (January 2023) also includes a provision to report on loss of potential rare plant habitat when construction occurs in new areas. Loss of potential rare plant habitat is included with other habitat loss reported in the WMMP Report.</p> |
| Reference: | <p>Wildlife Mitigation and Monitoring Plan (Agnico 2023b)</p> <p>Section 2.1 Habitat Loss of the Wildlife Mitigation and Monitoring Program Compliance Report (ERM 2023a), Appendix D-3 of the 2022 NIRB Annual Report.</p> |

New Term and Condition No. 18

| New Term and Condition No. 18 | |
|--------------------------------|---|
| Category: | Vegetation - revegetation |
| Responsible Parties: | The Proponent |
| Project Phase: | All Phases |
| Objective: | To encourage re-establishment of native plant species in disturbed areas. |
| Term or Condition: | The Proponent shall ensure that the progressive reclamation efforts outlined in its Mine Closure and Reclamation Plan or equivalent encourage recolonization by native plant species. These efforts are expected to be informed by revegetation trials in the Project area and must include monitoring protocols over sufficient timeframes to measure success and ensure invasive plant species have not established. |
| Reporting Requirements: | The extent of progressive reclamation activities undertaken and measures of their success shall be summarized within the Proponent's annual reports submitted to the NIRB. |
| Commentary: | N/A |
| Status for 2022: | Complete |
| Agnico Comments: | An updated November 2017 Interim Closure and Reclamation Plan for the Doris-Madrid portions of the Project and a November 2017 Conceptual Closure and Reclamation Plan for the Boston portion of the Project, including a description of the progressive reclamation programs, were submitted and approved by the NWB with licence issuance in early 2019. As per the respective Water Licence(s), the Closure and Reclamation Plan is intended to be updated every five years however Agnico will report on progressive reclamation results as they become available. See the 2022 Nunavut Water Board Annual Report, Section 13.1 for more detail on Hope Bay's 2022 progressive reclamation efforts. |
| Reference: | Hope Bay Project Boston Conceptual Closure and Reclamation Plan (SRK 2017a) Hope Bay Project Doris-Madrid Interim Closure and Reclamation Plan (SRK 2017b) 2022 Nunavut Water Board Annual Report, Section 13.1 (Agnico 2023d) |

New Term and Condition No. 19

| New Term and Condition No. 19 | |
|--------------------------------|--|
| Category: | Wildlife and Wildlife Habitat – Wildlife Mitigation and Monitoring Plan |
| Responsible Parties: | The Proponent |
| Project Phase: | All Phases |
| Objective: | To ensure a holistic and comprehensive approach to mitigate, monitor, and adaptively manage potential impacts to wildlife. |
| Term or Condition: | <p>The Proponent shall maintain either a Project-specific Wildlife Mitigation and Monitoring Plan (WMMP) or include the Project-specific details in a belt-wide plan (integrated with the similar plans required in Project Certificate No. 003 for the Doris North Gold Mine Project). The WMMP must include detailed monitoring, mitigation, and adaptive management measures for wildlife (including identification of any enhanced mitigation associated with Species At Risk), with consideration for each Project activity predicted to affect wildlife, with specific triggers for mitigation and adaptive management intervention. Other wildlife-specific management plans required by the Project Certificate may also be incorporated into the WMMP as appropriate, provided they are clearly identified within the document. The WMMP should highlight the Proponent's efforts to align its Project-specific wildlife monitoring with broader regional initiatives for wildlife monitoring and addressing cumulative effects.</p> <p>The Proponent is expected to develop an audit process with relevant parties to identify updates to the WMMP that may be required, particularly to address significant changes in Project development plans, monitoring results indicating biologically-meaningful changes, significant updates to the understanding of best management practices, Inuit Qaujimaningit or Traditional Knowledge which is shared with the Proponent, changes in climatic conditions that might subject wildlife to unexpected impacts, or as otherwise necessary.</p> |
| Reporting Requirements: | The Proponent shall submit a revised Plan to the Nunavut Impact Review Board (NIRB) within one (1) year of issuance of the Project Certificate. The Proponent shall provide summaries of its implementation in respect to the requirements of the Plan within its annual reporting to the NIRB, with required updates identified through its audit process highlighted. |
| Commentary: | The term "audit process" is not intended to impose the requirement to adopt a standardized audit protocol, but rather to require that a process is adopted by the Proponent, in collaboration with the parties, to ensure periodic review of the WMMP occurs and updates to the WMMP are undertaken when the review identifies that revisions are necessary. |
| Status for 2022: | Complete |
| Agnico Comments: | Hope Bay updated the Wildlife Mitigation and Monitoring Plan (WMMP) in December 2019 as a single plan to address wildlife issues for both NIRB certificate 003 and 009 across the Hope Bay belt. The WMMP was most recently updated in January 2023 and will be submitted alongside this report. |
| Reference: | Wildlife Mitigation and Monitoring Plan (Agnico 2023b) |

New Term and Condition No. 20

| New Term and Condition No. 20 | |
|--------------------------------|---|
| Category: | Wildlife and Wildlife Habitat – Road Traffic Management |
| Responsible Parties: | The Proponent |
| Project Phase: | All Phases |
| Objective: | To minimize impacts to terrestrial wildlife from road traffic. |
| Term or Condition: | <p>The Proponent shall maintain a Road Management Plan which includes:</p> <ol style="list-style-type: none"> maintenance of traffic logs and traffic counters along the all-weather road between the Doris-Madrid mine sites and Madrid-Boston mine sites. Where traffic levels exceed levels predicted for the Project, the Proponent shall develop and implement appropriate enhancements to its wildlife protection measures; information regarding the road design, safety barriers, berms and features designed to ensure safe wildlife movement; description of safety protocols and enforcement by the Proponent, including restrictions imposed during periods of low visibility, and training provided to road users; and program to monitor snowbank heights along Project roads to ensure they do not pose a barrier to movement of wildlife or other land users. |
| Reporting Requirements: | The Plan shall be provided to the Nunavut Impact Review Board (NIRB) prior to the commencement of construction. An annual summary of the monthly maximum, minimum, and average traffic levels shall be provided to the NIRB in the Proponent's annual report, with an analysis of the effectiveness of mitigation for adverse impacts to wildlife from road operations. |
| Commentary: | N/A |
| Status for 2022: | Complete |
| Agnico Comments: | <p>Hope Bay updated the WMMP in December 2019 as a single plan to address wildlife issues for both NIRB certificate 003 and 009 across the Hope Bay belt, including road traffic management, as described in Term & Condition #20. The WMMP was most recently updated in January 2023.</p> <p>Road traffic and snowbank height monitoring are included in the Wildlife Mitigation and Monitoring Program Compliance Report.</p> |
| Reference: | <p>Road management is discussed in Section 2.6 in the Wildlife Mitigation and Monitoring Plan (Agnico 2023b)</p> <p>See Sections 2.2 Traffic Monitoring and 2.4 Snowbank Monitoring for monitoring results in the 2022 Wildlife Mitigation and Monitoring Program Compliance Report (ERM 2023a), Appendix D-3 of the 2022 NIRB Annual Report.</p> |

New Term and Condition No. 21

| New Term and Condition No. 21 | |
|--------------------------------|--|
| Category: | Wildlife and Wildlife Habitat – Wildlife Mitigation Measures |
| Responsible Parties: | The Proponent, the Government of Nunavut |
| Project Phase: | All Phases |
| Objective: | To ensure that specific criteria and procedures are developed should wildlife be deemed project tolerant. |
| Term or Condition: | In consultation with the Government of Nunavut and other relevant authorities, the Proponent shall include criteria and procedures within its Wildlife Mitigation and Monitoring Plan (WMMP) governing the deterrence of wildlife from blast zones and the relaxation of mitigation measures for animals deemed Project-tolerant. |
| Reporting Requirements: | The Proponent shall provide a summary discussion of its implementation of this Term and Condition to the Nunavut Impact Review Board (NIRB) through the Proponent’s annual monitoring report. |
| Commentary: | N/A |
| Status for 2022: | Complete |
| Agnico Comments: | Hope Bay updated the WMMP in December 2019 as a single plan to address wildlife issues for both NIRB certificate 003 and 009 across the Hope Bay belt, including mitigation for caribou and other wildlife near blasting areas. Additional details regarding mitigations for wildlife near blasting areas were included in the most recent update to the WMMP in January 2023 (Agnico 2023b). |
| Reference: | Mitigation for caribou and other wildlife surrounding blasting is included in Section 2.9 of the Wildlife Mitigation and Monitoring Plan (Agnico 2023b) |

New Term and Condition No. 22

| New Term and Condition No. 22 | |
|--------------------------------|---|
| Category: | Wildlife and Wildlife Habitat – Caribou and Muskox Mitigation Measures |
| Responsible Parties: | The Proponent, the Government of Nunavut |
| Project Phase: | All Phases |
| Objective: | To mitigate potential impacts to caribou and muskox from project activities. |
| Term or Condition: | In collaboration with the Government of Nunavut, the Proponent shall specify within its Wildlife Mitigation and Monitoring Plan specific mitigation measures, trigger distances, and group size thresholds for the protection of caribou and muskox in proximity to project activities (e.g., blasting, heavy truck traffic, and aircraft). |
| Reporting Requirements: | The Proponent shall provide a summary discussion of its implementation of this Term and Condition to the Nunavut Impact Review Board (NIRB) through the Proponent's annual monitoring report. |
| Commentary: | N/A |
| Status for 2022: | Complete |
| Agnico Comments: | Hope Bay updated the WMMP in December 2019 as a single plan to address wildlife issues for both NIRB certificate 003 and 009 across the Hope Bay belt, including measures for the protection of caribou and muskox in proximity to Project activities. The WMMP was most recently updated in January 2023. |
| Reference: | Mitigation for potential effects of noise on caribou and muskox is included in Section 2.2.2 of the Wildlife Mitigation and Monitoring Plan (Agnico 2023b) |

New Term and Condition No. 23

| New Term and Condition No. 23 | |
|--------------------------------|---|
| Category: | Wildlife and Wildlife Habitat – Wildlife Monitoring and Adaptive Management Measures |
| Responsible Parties: | The Proponent |
| Project Phase: | All Phases |
| Objective: | To ensure that all direct wildlife mortalities are reported and considered in the development of adaptive management protocols. |
| Term or Condition: | The Proponent shall file an incident report with the local wildlife conservation office for all direct wildlife mortalities that occur in association with the Project. Incident reports should include sufficient detail to demonstrate how monitoring and mitigation measures failed to prevent the mortality, as well as information pertaining to what measures would be put in place to prevent the incident from reoccurring. |
| Reporting Requirements: | A summary regarding incidents reported in fulfillment of this Term and Condition shall be included in the Proponent’s annual report to the Nunavut Impact Review Board. |
| Commentary: | N/A |
| Status for 2022: | Complete |
| Agnico Comments: | Reports of wildlife interactions, incidents and mortalities are reported to NIRB by the Environmental Superintendent as required and are included as results and appendix in the annual WMMP Report. |
| Reference: | See Methods Section 3.2.2 (Wildlife Interactions, Incidents and Mortalities), and Results within each Valued Ecosystem Component Sections 3.4 – 3.11 in the 2022 Wildlife Mitigation and Monitoring Program Compliance Report (ERM 2023a), Appendix D-3 of the 2022 NIRB Annual Report. |

New Term and Condition No. 24

| New Term and Condition No. 24 | |
|--------------------------------|--|
| Category: | Wildlife and Wildlife Habitat – Wildlife Mitigation and Monitoring Measures |
| Responsible Parties: | The Proponent |
| Project Phase: | All Phases |
| Objective: | To mitigate potential impacts to wildlife through interaction with water attenuation ponds and/or tailings storage areas. |
| Term or Condition: | The Proponent shall implement measures to prevent the use of water attenuation ponds and tailings storage areas by wildlife, including waterfowl, other migratory birds, and caribou, with sufficient monitoring to assess whether these measures are effective or whether further deterrents may be required. |
| Reporting Requirements: | The Proponent shall provide a summary discussion of its implementation of this Term and Condition to the Nunavut Impact Review Board (NIRB) through the Proponent's annual monitoring report. |
| Commentary: | N/A |
| Status for 2022: | Complete |
| Agnico Comments: | Hope Bay updated the WMMP in December 2019 as a single plan to address wildlife issues for both NIRB certificate 003 and 009 across the Hope Bay belt, including measures to mitigate potential effects of wildlife interacting with Project ponds. The WMMP was most recently updated in January 2023. |
| Reference: | Mitigation for wildlife use of Project ponds is discussed in Sections 2.2.6, 2.2.7, and 3.1.11.2 of the Wildlife Mitigation and Monitoring Plan (Agnico 2023b). |

New Term and Condition No. 25

| New Term and Condition No. 25 | |
|--------------------------------|--|
| Category: | Wildlife and Wildlife Habitat – Transmission Lines |
| Responsible Parties: | The Proponent |
| Project Phase: | Pre-construction |
| Objective: | To ensure wildlife movement and use of project areas is not adversely affected by transmission lines. |
| Term or Condition: | The Proponent shall conduct an assessment of the potential for its planned transmission lines to impact the movement and use of project areas by caribou, birds and other wildlife species, as well as other land users. The Proponent will demonstrate how its assessment has informed the selection of a final design for this infrastructure, its siting, operation and decommissioning, and any associated updates to its Wildlife Mitigation and Monitoring Plan to evaluate the effectiveness of planned mitigation. |
| Reporting Requirements: | The Proponent shall provide the Nunavut Impact Review Board with the outcomes of its assessment and associated updates to its Plan in support of the implementation of this Term and Condition at least 180 days prior to construction of transmission lines for the Project. |
| Commentary: | N/A |
| Status for 2022: | N/A |
| Agnico Comments: | To be completed at least 180 days prior to construction of transmission lines for the Project. No transmission lines are planned to be constructed in 2023. |
| Reference: | - |

New Term and Condition No. 26

| New Term and Condition No. 26 | |
|--------------------------------|---|
| Category: | Birds and Bird Habitat – Tailings Impoundment Area |
| Responsible Parties: | The Proponent, Environment and Climate Change Canada, Inuit Environmental Advisory Committee |
| Project Phase: | All Phases |
| Objective: | To mitigate potential impacts to birds from the Tailings Impoundment Area and contact water ponds. |
| Term or Condition: | <p>The Proponent shall monitor usage of contact water ponds by water birds and shorebirds and shall conduct a baseline survey for water birds and shorebirds at the Tailings Impoundment Area (TIA) to characterize the bird community and use of the TIA. Survey methodology shall be determined in consultation with Environment and Climate Change Canada.</p> <p>If surveys indicate that birds are using the TIA or other contact water ponds, the Proponent shall conduct a toxicological risk assessment in consultation with ECCC; and if that risk assessment indicates that there is a reasonable risk to birds from the TIA, the Proponent shall monitor for ongoing bird usage of the TIA and shall engage with the Inuit Environmental Advisory Committee and ECCC to establish appropriate methods for deterrence of water birds.</p> |
| Reporting Requirements: | A summary of the results of baseline surveys, risk assessment, engagement with the Inuit Environmental Advisory Committee (IEAC) and Environment and Climate Change Canada, and follow-up monitoring shall be provided in the Proponent's annual report submitted to the NIRB (or more frequently for monitoring results that may already be required under Project Certificate No. 003, such as Term and Condition #26). |
| Commentary: | N/A |
| Status for 2022: | Complete |
| Agnico Comments: | <p>Hope Bay updated the WMMP in December 2019 as a single plan to address wildlife issues for both NIRB certificate 003 and 009 across the Hope Bay belt. The WMMP was most recently updated in January 2023 and includes measures for monitoring bird use at the TIA, monitoring water quality in the TIA, conducting a toxicological risk assessment if needed, and deterring birds if necessary.</p> <p>Characterization of the bird community surrounding the TIA and reference ponds was conducted in 2018 and 2021 in collaboration with ECCC and reported to the NIRB and ECCC as part of the 2018 and 2021 WMMP Reports.</p> |
| Reference: | Mitigation for waterbirds in the TIA is discussed in Section 3.1.11.1 of the Wildlife Mitigation and Monitoring Plan (Agnico 2023b). |

New Term and Condition No. 27

| New Term and Condition No. 27 | |
|--------------------------------|---|
| Category: | Birds and Bird Habitat – Raptor Mitigation Measures |
| Responsible Parties: | The Proponent |
| Project Phase: | Pre-Construction and Construction |
| Objective: | To mitigate potential impacts to raptors from project construction. |
| Term or Condition: | <p>Should it be necessary to undertake Project-related construction within the raptor-breeding period, the Proponent shall conduct a pre-construction survey of potential cliff-nesting habitat within two (2) kilometres (km) of the construction area to ensure all nesting sites have been accounted for in advance of construction commencing. If an active cliff nest is located within one (1) km of the planned construction areas, construction activities shall not commence until a nest-site protection plan has been developed in consultation with the Government of Nunavut – Department of Environment (GN-DoE) to address:</p> <ul style="list-style-type: none"> a) inclusion of appropriate setbacks and buffers, with exceptions potentially requiring formal authorization from the Government of Nunavut; b) measures for instances where raptors build a nest on project infrastructure such as a service building and cessation of construction activities would not apply; and c) monitoring and mitigation measures for all potential nest sites within one (1) km of project activities. |
| Reporting Requirements: | The Proponent shall report on its implementation of this Term and Condition and provide a summary of the results of pre-construction raptor nest surveys undertaken and nest-specific management plans developed within the Proponent’s annual report submitted to the Nunavut Impact Review Board. |
| Commentary: | N/A |
| Status for 2022: | Complete |
| Agnico Comments: | Hope Bay updated the WMMP in December 2019 as a single plan to address wildlife issues for both NIRB certificate 003 and 009 across the Hope Bay belt. The WMMP was most recently updated in January 2023 and includes measures for monitoring of raptors should construction occur during the breeding season and the development of a nest management plan in consultation with the GN-DoE. |
| Reference: | Mitigation for raptor nests is discussed in Sections 2.5 and 3.1.12 and of the Wildlife Mitigation and Monitoring Plan (Agnico 2023b) |

New Term and Condition No. 28

| New Term and Condition No. 28 | |
|--------------------------------|---|
| Category: | Birds and Bird Habitat – Site-wide and wind-turbine monitoring |
| Responsible Parties: | The Proponent |
| Project Phase: | Operations |
| Objective: | To prevent adverse impacts to birds from project activities and infrastructure including wind turbines. |
| Term or Condition: | <p>The Proponent shall maintain in either a separate Migratory Birds Protection Plan or with these contents clearly identified, as an addition to the Wildlife Mitigation and Monitoring Plan, a plan which:</p> <ul style="list-style-type: none"> a) specifies measures designed for the protection of birds from operation of wind turbines, with additional preventative measures to be implemented during periods of poor visibility within peak bird migration periods; b) includes protocols for bird mortality monitoring within the general area of the wind turbines, and for contribution of data to regional bird research / monitoring programs; and c) includes adaptive management measures - including those that may be in place at other sites in northern Canada - that may be implemented should mortalities be greater than expected. |
| Reporting Requirements: | The Plan described above shall be provided to the Nunavut Impact Review Board (NIRB) prior to installation of wind turbines for the Project, with a summary of monitoring results included in the Proponent's annual report to the NIRB. |
| Commentary: | N/A |
| Status for 2022: | N/A |
| Agnico Comments: | No wind turbines were constructed in 2022, nor expected to commence in 2023. There may be additional baseline surveys for the wind towers in 2023 and 2024. Surveys will be completed prior to construction, as specified in Certificate No. 009 Commitment #7. The WMMP will be updated to include monitoring and mitigation for the wind towers, as specified in Certificate No. 009 Condition 28. |
| Reference: | - |

New Term and Condition No. 29

| New Term and Condition No. 29 | |
|--------------------------------|---|
| Category: | Marine Environment - Shipping Management Plan |
| Responsible Parties: | Proponent |
| Project Phase: | All Phases |
| Objective: | To ensure that the general public can access information on how potential impacts from project-related shipping activities will be mitigated. |
| Term or Condition: | <p>The Proponent shall maintain a standalone Shipping Management Plan which provides an overview of:</p> <ul style="list-style-type: none"> a) applicable legislation, regulations, guidelines, and commitments designed to address potential adverse ecosystemic effects of shipping activities to the marine environment; b) non-confidential contracting provisions imposed by the Proponent on contractors used for project-related marine shipping that are designed to address potential adverse ecosystemic effects of shipping activities to the marine environment; c) procedures for providing advance notice of Project-related shipping activities to potentially affected communities; and d) updates to Project shipping activities implemented to address concerns identified through the Proponent’s public engagement efforts. |
| Reporting Requirements: | The Plan should be submitted to the Nunavut Impact Review Board prior to the start of shipping activities, with subsequent updates or revisions to the Plan submitted annually thereafter. |
| Commentary: | N/A |
| Status for 2022: | Complete |
| Agnico Comments: | <p>Hope Bay maintains a Shipping Management Plan for the Project that addresses applicable legal requirements, requirements of contractors to address potential adverse ecosystemic effects to the marine environment, and relevant notification procedures. Agnico is submitting to NIRB alongside this document an updated Shipping Management Plan which was most recently updated in January 2023 (Agnico 2023c).</p> <p>This plan is a living document that will continue to be updated as required to address concerns identified through the Proponent’s public engagement efforts. The Hope Bay Shipping Management Plan was presented and explained to the public and interested stakeholders at a meeting in October 2019 conducted by the Ekaluktutiak Hunters and Trappers Organization and Transport Canada in reference to icebreaking.</p> |
| Reference: | Hope Bay Project Shipping Management Plan (Agnico 2023c) |

New Term and Condition No. 30

| New Term and Condition No. 30 | |
|--------------------------------|--|
| Category: | Marine Environment - Shipping Contractors |
| Responsible Parties: | The Proponent |
| Project Phase: | All Phases |
| Objective: | To ensure that marine shipping contractors meet all applicable regulatory requirements. |
| Term or Condition: | The Proponent shall contract only Transport Canada certified vessels to carry cargo or fuel for the Project and shall ensure shippers are informed of the Proponent's applicable management plans and commitments designed to address potential adverse ecosystemic effects of shipping activities to the marine environment. |
| Reporting Requirements: | The Proponent shall demonstrate its compliance with this Term and Condition within its Plan and associated annual reporting to the Nunavut Impact Review Board. |
| Commentary: | N/A |
| Status for 2022: | Complete |
| Agnico Comments: | Agnico confirms it contracts only Transport Canada certified vessels to carry cargo or fuel for the Project as required by law. Hope Bay issues the Shipping Management Plan (Agnico 2023c) to shippers to inform them of any relevant commitments and management requirements designed to address potential adverse ecosystemic effects of shipping activities to the marine environment related to the Project. Supplementary materials (included in the updated Shipping Management Plan) include a summary of reporting obligations (incidental sightings and incidents) as well as wildlife mitigation measures which are presented to shippers prior to the shipping season. |
| Reference: | Hope Bay Project Shipping Management Plan (Agnico 2023c) |

New Term and Condition No. 31

| New Term and Condition No. 31 | |
|--------------------------------|---|
| Category: | Marine Environment – Marine Wildlife Mitigation |
| Responsible Parties: | Proponent, Fisheries and Oceans Canada, and Environment and Climate Change Canada |
| Project Phase: | All Phases |
| Objective: | To ensure that marine shipping activities avoid adversely impacting seabirds and marine mammals. |
| Term or Condition: | The Proponent shall provide its contracted vessel operators with maps and descriptions of key marine bird habitats as well as information on sensitive marine mammal habitats in the Northwest Passage, updated annually to include newly published information as it becomes available. The guidance package shall specify that, subject to vessel safety requirements, key wildlife habitats shall be avoided by a distance of at least 500 metres, and wildlife are to be given the right of way. The Proponent shall work with Fisheries and Oceans Canada to ensure that marine mammal mitigation measures common for all vessels in the Canadian Arctic are applied to project-contracted vessels as appropriate. |
| Reporting Requirements: | The Proponent shall demonstrate its compliance with this Term and Condition within its Plan and shall comment on the effectiveness of these measures within its associated annual reporting to the Nunavut Impact Review Board. |
| Commentary: | N/A |
| Status for 2022: | Complete |
| Agnico Comments: | <p>Hope Bay issues the Shipping Management Plan (Agnico 2023c) to shippers which provides vessel operators with maps and descriptions of key marine bird habitats as well as information on sensitive marine mammal habitats in the Northwest Passage. These maps were most recently updated in January 2023.</p> <p>The Shipping Management Plan specifies that, subject to vessel safety requirements, indicated key wildlife habitats shall be avoided by a distance of at least 500 metres, and wildlife are to be given the right of way. Starting in 2022, vessel shipping tracks are reported in the WMMP Report to demonstrate vessel adherence to specified shipping routes.</p> |
| Reference: | Hope Bay Project Shipping Management Plan (Agnico 2023c) and Section 3.12 of the Wildlife Mitigation and Monitoring Program Compliance Report (ERM 2023a), Appendix D-3 of the 2022 NIRB Annual Report. |

New Term and Condition No. 32

| New Term and Condition No. 32 | |
|--------------------------------|---|
| Category: | Marine Shipping – Vessel strikes |
| Responsible Parties: | Proponent |
| Project Phase: | All Phases |
| Objective: | To ensure that marine shipping activities avoid seabirds and marine mammals. |
| Term or Condition: | The Proponent shall ensure that shippers retained for project related shipping immediately report any accidental contact by project vessels with marine mammals or seabird colonies to Fisheries and Oceans Canada and Environment and Climate Change Canada respectively. The Proponent shall also ensure that the circumstances of the incident are investigated to determine if additional mitigative measures are required. |
| Reporting Requirements: | A summary of any vessel strikes, and any adaptive management steps undertaken, shall be included in the Proponent's annual report to the Nunavut Impact Review Board. |
| Commentary: | N/A |
| Status for 2022: | Complete |
| Agnico Comments: | Hope Bay issues the Shipping Management Plan (Agnico 2023c) to shippers which includes provisions to report any accidental contact by project vessels with marine mammals or seabird colonies to Agnico and the appropriate regulatory authority as required by legislation and within 24 hours. |
| Reference: | Hope Bay Project Shipping Management Plan (Agnico 2023c) |

New Term and Condition No. 33

| New Term and Condition No. 33 | |
|--------------------------------|--|
| Category: | Marine Environment – Noise Monitoring |
| Responsible Parties: | The Proponent |
| Project Phase: | All Phases |
| Objective: | To ensure that project activities and project-related marine shipping do not cause unacceptable noise exposure to marine wildlife. |
| Term or Condition: | The Proponent shall develop a monitoring protocol for assessing disturbance to marine wildlife resulting from project-related underwater noise in Roberts Bay, and to facilitate assessment of the potential short term, long term, and cumulative effects of project-related noise (including vessel noise in Roberts Bay) on marine wildlife. The Proponent is expected to work with Fisheries and Oceans Canada to determine appropriate indicators and thresholds that can be used to determine if negative impacts on marine wildlife are occurring, and adaptive management measures to mitigate adverse impacts of project-related noise. |
| Reporting Requirements: | The monitoring protocol should be incorporated into an appropriate management plan and shall be provided to the Nunavut Impact Review Board (NIRB) prior to commencement of construction and project-related shipping, with summary discussion of associated implementation included within annual reporting to the NIRB. |
| Commentary: | N/A |
| Status for 2022: | In Progress |
| Agnico Comments: | <p>The Shipping Management Plan was updated in January 2023 to include monitoring for marine wildlife in Roberts Bay during the shipping season (Agnico 2023c). Agnico is submitting the updated plan alongside this report.</p> <p>In 2022, initial monitoring was conducted for marine mammals in Roberts Bay while ships were in the Bay. Monitoring will begin in full in 2023, with methods and results to be reported in the 2023 WMMP Report.</p> <p>Additional monitoring will be included for marine construction activities related to Madrid-Boston. No marine infrastructure related to Madrid-Boston was constructed in 2022, nor expected to commence in 2023.</p> |
| Reference: | Hope Bay Project Shipping Management Plan (Agnico 2023c) and Section 3.12 of the Wildlife Mitigation and Monitoring Program Compliance Report (ERM 2023a), Appendix D-3 of the 2022 NIRB Annual Report. |

New Term and Condition No. 34

| New Term and Condition No. 34 | |
|--|---|
| Category: | Economic Development and Opportunities – Socio-Economic Monitoring |
| Responsible Parties: | The Proponent, the Kitikmeot Inuit Association, Government of Nunavut, Indigenous and Northern Affairs Canada, and Kitikmeot communities |
| Project Phase: | All Phases |
| Objective: | To assess the socio-economic impact of the Project on affected communities of Nunavut. |
| Term or Condition: | <p>The Proponent shall continue to be an active member in the Hope Bay Socio -Economic Working Group. Invited members of this Working Group shall include the Proponent, the Government of Nunavut, Indigenous and Northern Affairs Canada, and the Kitikmeot Inuit Association. Working Group members may invite new participants on an as-needed basis.</p> <p>The central focus of the Hope Bay Socio-Economic Working Group shall be on collaborating to ensure that the Hope Bay Socio-Economic Monitoring Plan provides for appropriate Project-specific socio-economic effects monitoring as required throughout the life of the Project. The Hope Bay Socio-Economic Monitoring Plan shall apply to the Project as described in the Final Environmental Impact Statement (FEIS) for the Project.</p> <p>The Proponent shall submit an updated Hope Bay Socio-Economic Monitoring Plan to the Hope Bay Socio-Economic Working Group for review within one (1) year of the issuance of a Project Certificate.</p> |
| Reporting Requirements: | The Proponent shall, reflecting the input of the Hope Bay Socio-Economic Working Group, report annually to the Nunavut Impact Review Board (NIRB) on implementation of the Hope Bay Socio-Economic Monitoring Plan. The NIRB strongly suggests the use of a standardized reporting template to ensure consistent data collection and tracking of data trends in a comparable form to be shared upon request at the regional level and to minimize the duplication of efforts. |
| Related Terms and Conditions in PC No. 003 (as amended) | Terms and Conditions No. 28 and 40 |
| Commentary: | N/A |
| Status for 2022: | In progress |
| Agnico Comments: | The placement of the Doris Mill into Care and Maintenance and the suspension of production of the Project, required Agnico Eagle to update the Hope Bay SEMP Plan in 2022 according to Term and Condition No. 35. As such, the SEMP Plan was updated to monitor and mitigate the effects of the Project as related to care and maintenance implemented in March 2022, and to align the Plan with all phases of the Project (including temporary and final closure). The updated Plan was provided for review and input to the SEMC / SEMWG. Additional feedback and direction on the preparation of this Plan was collected during the annual SEMC / SEMWG meeting held on December 13, 2022. The feedback, comments, and revisions received during the document review and the workshop were incorporated into the final version of this Plan presented in this document. Another meeting with the SEMC / SEMWG is planned for September 2023 to collect feedback on the 2022 SEMP report (ERM 2023b). |
| Reference: | Hope Bay Project: Socio-Economic Monitoring Program Update (ERM 2023d) |

New Term and Condition No. 35

| New Term and Condition No. 35 | |
|--|---|
| Category: | Economic Development and Opportunities – Temporary or Final Closure |
| Responsible Parties: | The Proponent, Hope Bay Socio-Economic Working Group, and the Kitikmeot Socio-Economic Monitoring Committee |
| Project Phase: | Temporary Closure/Care and Maintenance, Closure and Post-Closure |
| Objective: | To prepare for, monitor and mitigate the potential socio-economic effects of temporary or permanent mine closure on the affected communities of Nunavut. |
| Term or Condition: | Within six (6) months following an unanticipated temporary or final closure, and at least two (2) years prior to the planned Final Closure of the Project, the Proponent shall, in collaboration with the Hope Bay Socio-Economic Working Group submit an updated Hope Bay Socio-Economic Monitoring Plan to the Kitikmeot Socio-Economic Monitoring Committee that will also include detail regarding specific measures that may mitigate the potential for negative effects as a result of the Project’s temporary or permanent closure. |
| Reporting Requirements: | The Proponent shall submit the updated Hope Bay Socio-Economic Monitoring Plan to the Nunavut Impact Review Board (NIRB) at the same time as to the Kitikmeot Socio-Economic Monitoring Committee. |
| Related Terms and Conditions in PC No. 003 (as amended) | Terms and Conditions No. 41 and 42 |
| Commentary: | The term “collaboration” as used in this term and condition and throughout the Project Certificate requires the Proponent and parties identified to work jointly together in respect of the issues specified and is indicative of more active participation by collaborating parties in joint decision-making than is expected when the requirements for third party involvement with the Proponent are stated to require “consultation” or “communication” with other parties. |
| Status for 2022: | In progress |
| Agnico Comments: | The placement of the Doris Mill into Care and Maintenance and the suspension of production of the Project, required Agnico Eagle to update the Hope Bay SEMP Plan in 2022 according to Term and Condition No. 35. As such, the SEMP Plan was updated to monitor and mitigate the effects of the Project as related to care and maintenance implemented in March 2022, and to align the Plan with all phases of the Project (including temporary and final closure). The updated Plan was provided for review and input to the SEMC / SEMWG. Additional feedback and direction on the preparation of this Plan was collected during the annual SEMC / SEMWG meeting held on December 13, 2022. The feedback, comments, and revisions received during the document review and the workshop were incorporated into the final version of this Plan presented in this document. Another meeting with the SEMC / SEMWG is planned for September 2023 to collect feedback on the 2022 SEMP report (ERM 2023b). |
| Reference: | Hope Bay Project: Socio-Economic Monitoring Program Update (ERM 2023d) |

New Term and Condition No. 36

| New Term and Condition No. 36 | |
|--|--|
| Category: | Economic Development and Opportunities – Temporary or Final Closure |
| Responsible Parties: | The Proponent, Hope Bay Socio-Economic Working Group, and the Kitikmeot Socio-Economic Monitoring Committee |
| Project Phase: | Temporary Closure/Care and Maintenance, Closure and Post-Closure |
| Objective: | To prepare for, monitor and mitigate the potential socio-economic effects of temporary or permanent mine closure on the affected communities of Nunavut. |
| Term or Condition: | Within six (6) months following an unanticipated temporary or final closure, and at least two (2) years prior to the planned Final Closure of the Project (regardless of whether the Project has, at that time, already ceased operations, is being maintained in a temporarily closed phase or has already entered the final closure phase), the Proponent shall, submit an updated Human Resources Plan and Wellness Strategy for the Project that includes a Workforce Transition Strategy designed to mitigate the potential negative effects of Project closure on the affected communities of Nunavut. |
| Reporting Requirements: | The Proponent shall submit the updated plans to the Nunavut Impact Review Board (NIRB) in accordance with the timelines prescribed. |
| Related Terms and Conditions in PC No. 003 (as amended) | Terms and Conditions No. 43 and 44 |
| Commentary: | N/A |
| Status for 2022: | Not implemented in 2022 |
| Agnico Comments: | In February 2022, Agnico placed Hope Bay under Care and Maintenance. An updated Human Resources Plan and Wellness Strategy for the Project that includes a Workforce Transition Strategy has not been prepared and submitted to NIRB within the six month time-frame. |
| Reference: | - |

New Term and Condition No. 37

| New Term and Condition No. 37 | |
|--------------------------------|---|
| Category: | Economic Development and Business Opportunities – Impacts on Existing Customers |
| Responsible Parties: | The Proponent |
| Project Phase: | All Phases |
| Objective: | To monitor the extent to which businesses shift their businesses to become dependent on exclusively providing goods and services to the Proponent, resulting in existing customers losing access to necessary goods and services. |
| Term or Condition: | The Proponent shall track and report on project procurement of local and regional businesses and competition for access to local and regional businesses by existing customers. Specific indicator(s) to assess the potential for these effects shall be chosen and developed as agreed to by the Hope Bay Socio-Economic Working Group (HBSEWG). Activities related to monitoring and development of mitigation, including use and disclosure of information and data, will adhere to the HBSEWG Terms of Reference. |
| Reporting Requirements: | Summaries of Socio-Economic Working Group activities, list of indicators, and results of indicator monitoring shall be provided in the Proponent’s Socio-Economic Monitoring Program reports as part of the Proponent’s annual reports to the Nunavut Impact Review Board. |
| Commentary: | N/A |
| Status for 2022: | In progress |
| Agnico Comments: | Agnico revised the Hope Bay Socio-Economic Monitoring Program Plan in 2022/2023 in consultation with the Hope Bay Socio-Economic Monitoring Working Group (HBSEMWG). Revisions to monitoring indicators and methods were considered and confirmed with the HBSEMWG. The Hope Bay Socio-Economic Monitoring Program Plan update will be finalized in 2023 and filed with the NIRB. Reporting requirements aligned with this objective will be addressed in the Hope Bay 2022 Socio-Economic Monitoring Program report. |
| Reference: | Hope Bay Project: 2022 Socio-Economic Monitoring Program (ERM 2023b) |

New Term and Condition No. 38

| New Term and Condition No. 38 | |
|--------------------------------|---|
| Category: | Employment – Staff Schedule |
| Responsible Parties: | The Proponent |
| Project Phase: | All Phases |
| Objective: | To produce accurate labour market information regarding available Project employment and skill requirements for the Project to support economic and employment forecasting. |
| Term or Condition: | The Proponent is strongly encouraged to submit staff schedule forecasts that, at a minimum, include the following: <ul style="list-style-type: none"> a) Title of positions required by department and division; b) Quantity of positions available by project phase and year; c) Transferable skills, both certified and uncertified which may be required for, or gained during, employment within each position; d) The National Occupational Classification code for each individual position. |
| Reporting Requirements: | The staff schedule forecasts should be provided on an annual basis to the Kitikmeot Socio-Economic Monitoring Committee, with a summary of forecasting provided in the annual reports to the Nunavut Impact Review Board. |
| Commentary: | N/A |
| Status for 2022: | Unimplemented in 2022 |
| Agnico Comments: | Agnico is committed to providing the GN Department of Family Services with a detailed listing of positions required for operations at Hope Bay. This information includes: position title, number of positions (by title), employment type (seasonal or permanent), education requirements, qualification requirements, and whether or not the training/education is available in Nunavut. As the project entered into Care and Maintenance in February 2022 and shifted its' focus to exploration, there was a net loss of positions at Hope Bay and/or transfer of positions in 2022 to other Agnico Eagle operations in Nunavut. |
| Reference: | - |

New Term and Condition No. 39

| New Term and Condition No. 39 | |
|--|---|
| Category: | Socio-Economic Impacts - Employment |
| Responsible Parties: | The Proponent, Hope Bay Socio-Economic Working Group |
| Project Phase: | All Phases |
| Objective: | To monitor the socio-economic effects of the Project, including employment, on affected communities of Nunavut and compare these effects to the impact predictions made for the Project. |
| Term or Condition: | The Proponent, reflecting input from the Hope Bay Socio-Economic Working Group and the Kitikmeot Socio-Economic Monitoring Committee, should include in its annual Hope Bay Socio-Economic Monitoring Plan report levels of Inuit employment at the Project as well as barriers and opportunities to achieving the high levels of employment described on page 3-137 of the Madrid Boston Project Final Environmental Impact Statement. |
| Reporting Requirements: | Summary information addressing the Proponent's fulfillment of this Term and Condition shall be included in the Proponent's annual report to the Nunavut Impact Review Board. |
| Related Terms and Conditions in PC No. 003 (as amended) | Terms and Conditions No. 28 and 40 |
| Commentary: | To reflect the concerns of the Kitikmeot Inuit Association, the Responsible Ministers have varied the wording in NIRB's recommended Term and Condition #39. |
| Status for 2022: | In progress |
| Agnico Comments: | Reporting requirements for 2022 will be provided in the Hope Bay 2022 Socio-Economic Monitoring Program report. Included indicators will describe levels of Inuit employment at the Project, and employment barriers and opportunities. |
| Reference: | Hope Bay Project: 2022 Socio-Economic Monitoring Program Report (ERM 2023b) |

New Term and Condition No. 40

| New Term and Condition No. 40 | |
|--------------------------------|--|
| Category: | Education and Training– Registration of Trades Workers |
| Responsible Parties: | The Proponent, Government of Nunavut |
| Project Phase: | All Phases |
| Objective: | To ensure that the Government of Nunavut has accurate information to assist in its role as overseer of the apprenticeship program in Nunavut and in providing access to training initiatives and programs. |
| Term or Condition: | The Proponent is encouraged to identify and register all trades occupations, journeypersons, and apprentices working with the Project and make this information available to the Government of Nunavut to assist in delivery of training initiatives and programs. |
| Reporting Requirements: | Summary information addressing the Proponent's fulfillment of this Term and Condition shall be included in the Proponent's annual report to the Nunavut Impact Review Board. |
| Commentary: | N/A |
| Status for 2022: | All Hope Bay apprentices are registered with the Government of Nunavut Department of Family Services Nunavut Apprenticeship Certification Unit in Iqaluit. |
| Comments: | To be reported in the 2022 NIRB Annual Report as necessary. |
| Reference: | - |

New Term and Condition No. 41

| New Term and Condition No. 41 | |
|--------------------------------|--|
| Category: | Education and Training—Training Opportunities and Transferrable Skills |
| Responsible Parties: | The Proponent, Government of Nunavut, Training Organizations |
| Project Phase: | All Phases |
| Objective: | To ensure that the local, regional, and territorial training opportunities associated with the Project maximize opportunities for the regional workforce to obtain transferable skills and certifications. |
| Term or Condition: | The Proponent is encouraged to work with training organizations and/or government departments offering mine-related or other training to ensure that Project-specific training programs can yield additional opportunities for residents and employees to gain meaningful and transferable skills and certifications. The Proponent shall maintain an easily referenced listing of formal certificates and licences that may be acquired via on-site training or training during project employment. The listing should indicate which of these certifications and licences would be transferable to a similar job site within Nunavut. |
| Reporting Requirements: | The Proponent should summarize the results of these efforts in the annual Hope Bay socio-economic monitoring reports submitted to the Nunavut Impact Review Board and shared with the wider Kitikmeot Socio-Economic Monitoring Committee throughout the life of the Project. |
| Commentary: | N/A |
| Status for 2022: | In progress |
| Comments: | Agnico continues to be an active member of the Nunavut Mine Training Roundtable, a territorial group lead by the Government of Nunavut Department of Economic Development and Transportation aimed at coordinating and supporting mine training and including representatives from Nunavut Arctic College and the Department of Family Services. Agnico continues to be an active member of the Kitikmeot Employment and Training Stakeholder Working Group lead by the Kitikmeot Inuit Association aimed at coordinating and sharing information on employment and training matters within the Kitikmeot Region. The Working Group provides for representation from municipalities, training organizations, territorial government representatives, and major regional employers. TMAC has worked with the KIA and the Government of Nunavut Department of Economic Development and Transportation in 2019 to negotiate a Memorandum of Understanding between the three parties in order to regularly collaborate and coordinate efforts on priority items such as employment and training. The signing of the MOU was planned for the 2020 Nunavut Mining Symposium; however, this was cancelled due to COVID-19. With the purchase of the Project, Agnico is considering whether to sign the MOU or include Hope Bay under an existing MOU that Agnico has with the GN since 2017. The decision on this has yet to be made. Agnico continues to provide to training organizations and government department annual summaries of Hope Bay job listings that include position title, duty summary, necessary skills and certifications, job experience requirements, and a list of Canadian institutions where relevant training and education can be obtained for each position. |
| Reference: | - |

New Term and Condition No. 42

| New Term and Condition No. 42 | |
|--------------------------------|---|
| Category: | Population Demographics – Monitoring Demographic Changes |
| Responsible Parties: | The Proponent and the Kitikmeot Socio-Economic Monitoring Committee |
| Project Phase: | Pre-Construction, Construction, Operation, Temporary Closure/Care and Maintenance, Closure, and Post-Closure Monitoring |
| Objective: | Monitoring demographic changes affecting the Kitikmeot communities and the territory as a whole is important to understand and evaluate the Proponent's predictions with regards to population demographics and whether any trends are identified which may be correlated with the Project. |
| Term or Condition: | Provided the collection and sharing of such information is consistent with and not limited by any Inuit Impact and Benefit Agreement with the Kitikmeot Inuit Association and that employees are willing to voluntarily provide this information, the Proponent should collect and provide project-specific data concerning employee community of residence and number of employees that relocated from the year prior (where available, to and from, for Cambridge Bay, Kugluktuk, Gjoa Haven, Taloyoak, Kugaaruk). The details of this process will be captured in the terms of reference for the project specific Phase 2 Hope Bay Belt Socio-Economic Monitoring Committee. |
| Reporting Requirements: | Summaries of this information should be included in the annual Phase 2 Hope Bay Belt socio-economic monitoring reports submitted to the Nunavut Impact Review Board and shared with the wider Kitikmeot Socio-Economic Monitoring Committee throughout the life of the Project. |
| Commentary: | N/A |
| Status for 2022: | In progress |
| Comments: | Population levels, community of residence of Project employees and information on employee migration are included as a Socio-Economic indicator in the updated Hope Bay Socio-Economic Monitoring Program Plan and are reported annually in the Socio-Economic Monitoring Program report. |
| Reference: | Hope Bay Project: Socio-Economic Monitoring Program report (ERM 2023b) Hope Bay Project: Socio-Economic Monitoring Program Plan (ERM 2023d) |

New Term and Condition No. 43

| New Term and Condition No. 43 | |
|--------------------------------|---|
| Category: | Traditional Activity and Knowledge |
| Responsible Parties: | The Proponent |
| Project Phase: | All Phases |
| Objective: | To demonstrate the incorporation of Inuit Qaujimaningit through monitoring plans developed for the Project. |
| Term or Condition: | The Proponent should ensure that the development of all project monitoring plans, associated reporting and updates are undertaken with active engagement of Kitikmeot communities, land users, and harvesters. The Proponent should work with the Kitikmeot Inuit Association, the local Hunters and Trappers Organizations and the Kitikmeot Socio-Economic Monitoring Committee to report on the collection and integration of Inuit Qaujimaningit through its monitoring programs for the Project. |
| Reporting Requirements: | To the extent that the sharing of such information is consistent with, and not limited by, confidentiality or other agreements, summaries addressing the Proponent's fulfillment of this Term and Condition should be included in the Proponent's annual report to the Nunavut Impact Review Board. |
| Commentary: | N/A |
| Status for 2022: | In progress |
| Agnico Comments: | Agnico continued to make use of the Hope Bay Inuit Environmental Advisory Committee (IEAC) in 2022. The IEAC met once in 2022 to provide Agnico and the Kitikmeot Inuit Association with advice on fisheries offsetting and the design of planned wildlife height of land and track surveys. |
| Reference: | Appendix E of the 2022 NIRB Annual Report |

New Term and Condition No. 44

| New Term and Condition No. 44 | |
|--------------------------------|---|
| Category: | Non-Traditional Activity and Resource Use |
| Responsible Parties: | The Proponent |
| Project Phase: | All Phases |
| Objective: | To assess and monitor potential project effects on non-traditional activity and knowledge. |
| Term or Condition: | The Proponent is strongly encouraged to consult with outfitting and guiding businesses that operate in or travel through the regional study area regarding whether project infrastructure or activities is adversely affecting their use and experience of the surrounding environment. |
| Reporting Requirements: | Summaries of consultation and monitoring undertaken by the Proponent in fulfillment of this Term and Condition should be provided within the Proponent's annual report to the Nunavut Impact Review Board. |
| Commentary: | These summaries can include information regarding positive effects of the Project on non-traditional land users such as support and aid provided by the Proponent to other users of the area. |
| Status for 2022: | N/A |
| Agnico Comments: | Starting in 2020 and continuing throughout 2022, all Hope Bay facilities were closed to non-mining personnel including guides, clients and outfitters due to the potential risk of COVID-19 infection. The public in Cambridge Bay was advised that Hope Bay facilities were only available for emergency support, of which none was provided in 2022. It is anticipated that once COVID-19 mine site isolation restrictions have been completely lifted, that site visitation will again be allowed, including for the purposes of providing support and aid to other non-traditional land users of the Hope Bay area. |
| Reference: | - |

New Term and Condition No. 45

| New Term and Condition No. 45 | |
|--------------------------------|--|
| Category: | Heritage Resources – Archaeological and Palaeontological Resources Surveys |
| Responsible Parties: | The Proponent |
| Project Phase: | Pre-construction, Construction, Operations |
| Objective: | To prevent adverse impacts to heritage resources and provide parties with updated information on the status of heritage resources in the project footprint. |
| Term or Condition: | The Proponent shall conduct archaeological and palaeontological surveys prior to land disturbance related to the Project and report survey results to applicable parties, including the Government of Nunavut – Department of Culture and Heritage. |
| Reporting Requirements: | Evidence of meeting the requirements of this Term and Condition shall be submitted as part of the Proponent’s annual reporting to the Nunavut Impact Review Board. |
| Commentary: | N/A |
| Status for 2022: | Complete |
| Agnico Comments: | This condition has been satisfied in consultation with the GN-DCH. See Appendix D-6 of the 2021 NIRB Annual Report |
| Reference: | Hope Bay Project Archaeological Site Status Report 2022 (Points West Heritage Consulting Ltd. 2023a) Appendix D-6 of the 2022 NIRB Annual Report Hope Bay Project, Nunavut: Archaeological Investigation in 2022 Final Permit Report (Points West Heritage Consulting Ltd. 2023b) submitted to the Territorial Archaeologist. Department of Culture and Heritage in February 2023 |

New Term and Condition No. 46

| New Term and Condition No. 46 | |
|--------------------------------|--|
| Category: | Heritage Resources – Archaeological and Palaeontological Discoveries |
| Responsible Parties: | The Proponent |
| Project Phase: | All Phases |
| Objective: | To ensure that any heritage resources encountered are reported to appropriate regulatory authorities. |
| Term or Condition: | <p>The Proponent shall report any archaeological or palaeontological sites discovered during the construction, operation, and closure phases to the Government of Nunavut – Department of Culture and Heritage and the Kitikmeot Inuit Association.</p> <p>Upon discovering a heritage resources site, the Proponent shall:</p> <ol style="list-style-type: none"> a) Take all reasonable precautions necessary to protect the site until further direction is received from the Government of Nunavut – Department of Culture and Heritage; and b) If it becomes necessary to disturb a heritage resources site, the Proponent shall consult with the Government of Nunavut – Department of Culture and Heritage, the Kitikmeot Inuit Association, and potential impacted communities to establish a site-specific mitigation plan and obtain all necessary authorizations. |
| Reporting Requirements: | Evidence of meeting the requirements of this Term and Condition shall be submitted as part of the Proponent’s annual reporting to the Nunavut Impact Review Board. |
| Commentary: | N/A |
| Status for 2022: | Complete |
| Agnico Comments: | This condition has been satisfied in consultation with the KIA and GN-DCH. See Appendix D-6 of the 2021 NIRB Annual Report |
| Reference: | <p>Hope Bay Project Archaeological Site Status Report 2022 (Points West Heritage Consulting Ltd. 2023) Appendix D-6 of the 2021 NIRB Annual Report</p> <p>Hope Bay Project, Nunavut: Archaeological Investigation in 2022 Final Permit Report (Points West Heritage Consulting Ltd. 2023b) submitted to the Territorial Archaeologist. Department of Culture and Heritage in February 2023</p> |

New Term and Condition No. 47

| New Term and Condition No. 47 | |
|--------------------------------|---|
| Category: | Individual and Community Wellness – Health and Wellness |
| Responsible Parties: | The Proponent, the Government of Nunavut |
| Project Phase: | Operations |
| Objective: | To promote employee health and well-being. |
| Term or Condition: | <p>The Proponent shall:</p> <ul style="list-style-type: none"> a) provide workers access to sexual health information throughout the life of the Project; b) inform workers of the range of health and wellness services available on site throughout the life of the Project; and c) participate in discussions and dialogue with the Government of Nunavut Department of Health in connection with project activities, policies, or project-induced health issues that may affect health and social services facilities, programs, and services. |
| Reporting Requirements: | Evidence of meeting the requirements of this Term and Condition, including outcomes from the Proponent’s engagement with the Government of Nunavut regarding public health and social services issues of relevance to the Project and communities of the Kitikmeot Region shall be submitted as part of the Proponent’s annual reporting to the Nunavut Impact Review Board. |
| Commentary: | N/A |
| Status for 2021: | N/A |
| Agnico Comments: | <p>Agnico maintains communications with the Government of Nunavut Kitikmeot Public Health Officials and the Nunavut Chief Public Health Officer regarding reportable diseases. In March 2020, Hope Bay developed and submitted an Infectious Disease Control Plan to the Department of Health in response to the COVID-19 pandemic. This plan included increasing capacity at Hope Bay to prevent the presence and transmission of this disease. Measures taken to achieve this were enhanced hygiene protocols, use of personal protective equipment, and changes to crew shift travel procedures. In relation to impacted communities, the key measure to address COVID-19 infection risk was to isolate Hope Bay operations from Kitikmeot communities by ceasing Northern Crew Changes and restricting the land site visitation to emergencies only. This plan was later amended to include testing and off-site self assessment procedures for staff. In 2021, the Plan was updated to provide for pre-shift testing of staff prior to entering Nunavut. As COVID-19 restrictions eased, in accordance with GNKPHO and PH officials Due to the isolation of Hope Bay from the rest of Nunavut over that past few years, it can be assumed that COVID-19 protocols had the effect of both preventing the potential spread of Sexually Transmitted Infections (STIs) between mine site personnel and also from mine site personnel to Nunavummiut.</p> |
| Reference: | - |

New Term and Condition No. 48

| New Term and Condition No. 48 | |
|--------------------------------|---|
| Category: | Individual and Community Wellness – Cross-cultural awareness |
| Responsible Parties: | The Proponent |
| Project Phase: | Operations |
| Objective: | To support the elimination of cultural barriers and promote recognition for Inuit Qaujimaningit to establish a healthy workplace for all Project employees. |
| Term or Condition: | The Proponent is encouraged to promote consideration for Inuit culture and Inuit Qaujimaningit through the establishment of cross-cultural training initiatives, for all Project employees and on-site sub-contractors. The Proponent should actively monitor the implementation of these initiatives throughout the life of the Project. |
| Reporting Requirements: | Evidence of meeting the requirements of this Term and Condition shall be submitted as part of the Proponent's annual reporting to the Nunavut Impact Review Board. |
| Commentary: | N/A |
| Status for 2022: | In progress |
| Agnico Comments: | Agnico continues to deliver cross cultural training to every new Hope Bay employee. |
| Reference: | - |

New Term and Condition No. 49

| New Term and Condition No. 49 | |
|--------------------------------|--|
| Category: | Community Involvement Plan |
| Responsible Parties: | The Proponent |
| Project Phase: | All Phases |
| Objective: | To ensure appropriate stakeholders are included in ongoing consultation and engagement. |
| Term or Condition: | The Proponent shall maintain a current Community Involvement Plan which reflects relevant stakeholders with respect to the Project: a) Records of communication and engagement undertaken by the Proponent with stakeholders, including potentially impacted communities, are to be maintained throughout the life of the Project with outcomes reflected in this Plan. |
| Reporting Requirements: | The Proponent shall provide summaries of any significant community engagement undertaken and resultant updates to the Community Involvement Plan within its annual reports to the Nunavut Impact Review Board. |
| Commentary: | N/A |
| Status for 2022: | Complete |
| Agnico Comments: | Details of activities conducted as part of the Community Involvement Plan are included in the 2022 NIRB Annual Report. Agnico currently implements the Hope Bay Project: Community Involvement Plan (TMAC 2016), on a project-wide basis. |
| Reference: | 2022 NIRB Annual Report |

New Term and Condition No. 50

| New Term and Condition No. 50 | |
|--------------------------------|--|
| Category: | Human Health and Ecological Risk Assessment – Assessment of Risks from Consumption of Berries near Project Area |
| Responsible Parties: | The Proponent |
| Project Phase: | Construction and Operation |
| Objective: | To minimize the potential risks from consumption of berries containing potential toxic metals. |
| Term or Condition: | The Proponent shall conduct soil sampling to determine metal levels of soils in areas with berry-producing plants near any of the potential development areas, prior to commencing operations. |
| Reporting Requirements: | A summary of the results of these additional studies shall be included in the Proponent's annual report to the Nunavut Impact Review Board. |
| Commentary: | N/A |
| Status for 2022: | Complete |
| Agnico Comments: | <p>During 2021, development occurred at Madrid North Portal decline. These areas are dominated by rock outcrops and open meadows with high soil moisture. Berry-producing plants are not abundant at either location.</p> <p>The area surrounding the Madrid North footprint was identified by vegetation terrestrial ecosystem mapping as predominantly Wet Meadow, Polygonal Ground, Eriophorum Tussock Meadow and Dryas Herb Mat. Shrub communities and berry-producing plants typically require better drained soils than those found at the site.</p> <p>Soil metals were collected in 2010 during baseline surveys immediately down-wind (within 1.5 km) of the Madrid North and crown pillar recovery areas. The soil samples at these sites contained metals below the Canadian Council of Ministers of the Environment (CCME) Soil Quality Guidelines for the protection of environmental health; Parkland and Industrial Guidelines and Agricultural Guidelines.</p> |
| Reference: | V4-7A Terrain and Soils Baseline in the Madrid-Boston Project: Final Environmental Impact Statement (FEIS; TMAC 2018b) |

New Term and Condition No. 51

| New Term and Condition No. 51 | |
|--------------------------------|--|
| Category: | Human Health and Ecological Risk Assessment – Assessment of Risks from Consumption of Fish from Marine/Freshwater Aquatic Environment |
| Responsible Parties: | The Proponent |
| Project Phase: | All Phases |
| Objective: | To minimize the potential risks from consumption of fish containing toxic metals including metalloids. |
| Term or Condition: | The Proponent shall conduct additional studies prior to and during operations as part of its freshwater and marine aquatic effects analyses to ensure that toxic trace elements concentrations anticipated to increase in the aquatic and marine environments during operation (and potentially accumulating in fish tissue) do not exceed regulatory requirements. The results of these studies should inform the Proponent’s assessment of potential risks from consumption of fish, using Health Canada’s hazard quotients as a descriptive tool. |
| Reporting Requirements: | A summary of the results of these studies and associated assessment of potential risks to human health shall be included in the Proponent’s annual reports to the Nunavut Impact Review Board. |
| Commentary: | N/A |
| Status for 2022: | Complete |
| Agnico Comments: | Potentially toxic metals in marine and freshwater environments are tracked through the AEMP. To date, there have been no Project-related exceedances of regulatory requirements (CCME guidelines). The EEM program in Roberts Bay which is currently being designed will continue to monitor metals in the marine environment and inform assessments of potential risks from consumption of fish |
| Reference: | 2022 Aquatic Effects Monitoring Program Report (ERM 2023c), Appendix D-4 of the 2022 NIRB Annual Report |

New Term and Condition No. 52

| New Term and Condition No. 52 | |
|--|---|
| Category: | Accidents and Malfunctions – Spills Response and Emergency Preparedness |
| Responsible Parties: | The Proponent, Transport Canada |
| Project Phase: | All Phases |
| Objective: | To ensure adequate spill response and emergency preparedness is in place to prevent fuel and chemical spills to the terrestrial and marine environment. |
| Term or Condition: | <p>The Proponent shall ensure that areas used to store fuel or hazardous materials include sufficient secondary containment and that all oil handling facilities have the required Oil Pollution Emergency Plan (OPEP) in place. The OPEP or other emergency response plans applicable to fuel or hazardous material storage areas are expected to include, as a minimum, the following:</p> <ol style="list-style-type: none"> information on the placement of spill prevention and response equipment as necessary to initiate rapid response during an emergency; an up-to-date listing of critical TMAC and government spill response contacts, and a list of authorised emergency response personnel; an up-to-date listing of emergency response training conducted by TMAC's emergency response personnel; easily accessible and up to date spill report forms; and a listing of community organizations that would be contacted to inform traditional land users of any spills or response actions implemented to ensure continued public safety. <p>The Proponent shall also demonstrate that the provisions of the OPEP or other applicable emergency response plans associated with the fuel tank farm at Roberts Bay are coordinated with the individual shipboard OPEPs required for vessels servicing the Project, and that the Shipping Management Plan addresses how response procedures between ship and shore will be coordinated.</p> |
| Reporting Requirements: | The Oil Pollution Emergency Response Plan (OPEP) and any other applicable emergency response plans (TMAC 2020a) should be provided to the Nunavut Impact Review Board (NIRB) prior to construction of the Project. Within its annual reporting to the NIRB, the Proponent shall include a discussion of any pollution incidents associated with the Project and identify any required plan updates. |
| Related Terms and Conditions in PC No. 003 (as amended) | Terms and Conditions No. 20 and 33 |
| Commentary: | The term "Shipboard OPEP" has the same meaning as the term "Ship Oil Pollution Emergency Plan (SOPEP)". |
| Status for 2022: | Complete |
| Agnico Comments: | Agnico ensures that areas used for fuel and hazardous materials include sufficient secondary containment and have a comprehensive emergency response plan (see Hope Bay Project Spill Contingency Plan, March 2023). Hope Bay's Roberts Bay facility has a Transport Canada approved Oil Pollution Prevention/Oil Pollution Emergency Plan (OPPP/OPEP; TMAC 2020a). |
| Reference: | Hope Bay Project Spill Contingency Plan (Agnico 2023a) Oil Pollution Prevention/Oil Pollution Emergency Plan (TMAC 2020a) |

New Term and Condition No. 53

| New Term and Condition No. 53 | |
|--------------------------------|--|
| Category | Tailings Pipeline Monitoring – land-based infrastructure |
| Responsible Parties | The Proponent |
| Project Phase | All phases |
| Objective | To prevent potential impacts to permafrost and sensitive land features, including the freshwater environment, by maintaining the integrity of the tailings pipeline infrastructure. |
| Term or Conditions | <p>The Proponent shall implement a monitoring and mitigation program for the tailings pipelines that includes the following:</p> <ul style="list-style-type: none"> a) regular inspections to assess the stability of the tailings pipeline and land within the footprint of this infrastructure; b) early warning system(s) to identify a pipeline breach; c) measures to respond to and mitigate any accidental spills of tailings from the pipeline; and d) adaptive management to address unanticipated changes to land within the footprint of the tailings pipeline to ensure that the integrity of this infrastructure is maintained for the life of the Project. |
| Reporting Requirements: | Details regarding the monitoring and mitigation program shall be submitted to the Nunavut Impact Review Board (NIRB) prior to the installation of tailings pipeline infrastructure, with subsequent updates on the implementation of the Program submitted annually thereafter or as may otherwise be required by the NIRB for the life of the Project. |
| Commentary: | N/A |
| Status for 2022: | Complete |
| Agnico Comments: | Hope Bay evaluates these measures as part of the existing Doris TIA Operations, Maintenance and Surveillance Manual (SRK 2022d) which includes tailings pipeline monitoring. The manual was updated in 2020 to help make the document more usable and includes details about the early warning systems to identify a pipeline breach. These include daily inspections, annual pressure testing, and monitoring of the mill control panel and pumping parameters. In addition, tailings pipeline and other land-based infrastructure are assessed annually as part of the Doris TIA Annual Geotechnical Inspection. |
| Reference: | Doris TIA Operations, Maintenance and Surveillance Manual (Agnico 2023g) 2022 TIA Annual Geotechnical Inspection Report (SRK 2023c) |

New Term and Condition No. 54

| New Term and Condition No. 54 | |
|--------------------------------|---|
| Category | Cumulative effects – activities in the Hope Bay Belt Property |
| Responsible Parties | The Proponent |
| Project Phase | All Phases |
| Objective | To ensure all potential cumulative effects associated with ongoing exploration and possible future phases of development are adequately and fully assessed. |
| Term or Conditions | The Proponent shall provide detailed updates to the Board on the status of ongoing exploration programs and other related physical activities associated with the Hope Bay Belt Property. |
| Reporting Requirements: | Evidence of meeting the requirements of this Term and Condition should be submitted as part of the Proponent's annual reporting to the Nunavut Impact Review Board. |
| Commentary: | N/A |
| Status for 2022: | Complete |
| Agnico Comments: | See Section 3.2 of the 2022 NIRB Report providing an update on 2022 exploration activities and Section 4.2 on exploration work plans for 2023. |
| Reference: | 2022 NIRB Annual Report, Section 3.2 and 4.2 |

7. Compliance with Regulatory Instruments

7.1 ANNUAL INSPECTION ACTIVITIES

In 2022 Agnico hosted regulatory inspections for CIRNAC, NIRB, KIA, and WSCC. Details of when those visits occurred and a summary of the reports and follow up from those visits are detailed in Table 7.1-1.

7.2 UNAUTHORIZED DISCHARGES AND SPILLS

During 2022, six spills were reported to the Nunavut Spill Line, Water Licence Inspector and KIA Major Projects. No spills were reported to Environment and Climate Change Canada. These six spills met the reporting threshold as outlined in the Nunavut Spill Contingency Planning and Reporting Regulations. In addition to the required Spill Line report, a more detailed follow-up report was filed within thirty days of each reported spill that included a description of the event together with the immediate cause, corrective and preventative action. The reportable spill events are summarized in Table 7.2-1.

The remaining spills that occurred during 2022 were minor in nature, occurring on project roads/laydowns, with quick response and clean up resulting in negligible impact to the receiving environment. Agnico tracks all unauthorized discharges and spills on site, regardless of if they are externally reportable or not, and identifies any observable trends. In 2022 Agnico conducted frequent (daily) internal reviews of incidents using visual analytics generated automatically from tracking software. Spills were analysed by reportability, spill location, spill product, root cause, spill reason and volume. The lessons learned, improvements and causes are discussed with site personnel at daily toolbox meetings. No apparent root cause trend for minor spills was identified with equipment failure or malfunction and freezing temperatures contributing to majority of the spill reasons. Inspectors have the opportunity to review the information on demand or when at site conducting inspections.

7.3 WATER LICENCE COMPLIANCE (TYPE A 2AM-DOH1335, TYPE A 2AM-BOS1835, TYPE B 2BB-BOS1727, TYPE B 2BB-MAE1727, AND TYPE B 2BE-HOP2232)

During 2022, water management at Hope Bay Project Site was in line with the authorized Type A Water Licence for Doris and Madrid 2AM-DOH1335, the Type B Regional Exploration Licence 2BE-HOP2232, and the Type B Water Licence for Boston 2BB-BOS1727. No activities occurred under the Type A Water Licence 2AM-BOS1835 for Boston or the Type B Water Licence 2BB-MAE1727 for Madrid, therefore no water was used, or waste produced from activities associated with these licences.

An overview of the sampling programs for each of the sites (Doris, Windy, Madrid and Boston) including site photographs showing the locations of monitoring sites as well as annual water sampling programs for the Hope Bay Project are provided in Appendix F of the 2022 Nunavut Water Board Annual Report submitted to the NWB on March 31, 2023 and available on the NWB FTP site at <ftp://ftp.nwb-oen.ca>.

Table 7.1-1. Summary of Annual Inspection Activities

| Date | Agency | Summary | Follow up | Response |
|----------------------|--|--|---|--|
| June 20 and 21, 2022 | Nunavut Impact Review Board | On June 20 and 21, 2022 the NIRB Monitoring Officer visited the Doris North and Phase 2 Hope Bay Project sites. The site visit consisted of the Roberts Bay area, Quarry 2 and the incinerator, the Madrid area and the tailings impoundment area. A community session was hosted by NIRB on August 2, 2022 and held in Cambridge Bay. | Hope Bay has generally moved the Project towards overall compliance with requirements of the Project Certificates and is in general compliance with the terms and conditions contained therein. On February 13, 2023, NIRB issued the 2020-2021 Annual Monitoring Report for Doris North Gold Mine and Phase 2 Hope Bay Belt Project. NIRB noted that a few items required clean-up including: Geomat around the jetty, barrels of hazardous materials and the need for a small clean-up in the laydown area. | All of these items have been addressed. |
| June 20, 2022 | Crown-Indigenous Relations and Northern Affairs Canada | Inspection to verify compliance with water licenses 2AM DOH1335, 2BB-BOS1727 and 2BE-HOP2232. The inspection focus was on fuel storage, waste and water management, site infrastructure as well as drilling and mining activities. Inspection of Crown Leases 77A/3-1-7 and 77A/3-3-2 were also conducted. | A few concerns regarding hazardous material storage and updates to the hazardous waste management plan, an un-reported spill, contamination of fill material used for construction, flow meters and erosion control measures. A follow-up inspection was planned for the fall. | Follow-up items have been addressed and a response to the inspector was provided. |
| July 19 to 21, 2022 | Kitikmeot Inuit Association | On July 19 -21 the KIA inspected the Doris Commercial Lease area and infrastructure including Roberts Bay, the Airstrip and Access Road, Doris North, Waste Management Area, Quarry #2, Secondary Road, the TIA area, Windy Road and Windy Lake Camp, and Madrid North were inspected. | In 2021, KIA requested Windy Camp reclamation be completed. The KIA noted during the 2022 inspection that "extensive remediation has occurred at Windy Camp with most of the buildings gone." Furthermore, it was noted that "Complete revegetation has occurred in the dieback zones at Boston Camp." | No specific follow-up notices. All areas identified will continue to be monitored by Agnico. |
| November 16, 2022 | Crown-Indigenous Relations and Northern Affairs Canada | Inspection to verify compliance with water licenses 2AM DOH1335, 2BB-BOS1727 and 2BE-HOP2232. The inspection focus was on fuel storage, waste and water management, site infrastructure as well as drilling and mining activities. Inspection of Crown Leases 77A/3-1-7 and 77A/3-3-2 were also conducted. | During a follow-up inspection, a few additional concerns regarding hazardous material storage were noted. Flow meter and erosion control measures were corrected. | Follow-up items have either been addressed and a response to the inspector was provided |

Table 7.2-1. Summary of Reportable Spills in 2022

| Date of Occurrence | Intelix Number | Date of Notification to an Inspector | Spilled Material and Volume or Mass | Details of Spill Event and Follow up Activities | Date Follow-up Report Provided to an Inspector |
|--------------------|----------------|--------------------------------------|-------------------------------------|--|--|
| April 23, 2023 | 7528 | April 24, 2022 | 1 kg ANFO | <p>The incident occurred when off-loading a 450 kg bag of Ammonium nitrate/fuel oil (ANFO) from a sea container. It is believed that a screw in the inside of the sea container punctured the bag leading to less than one kilogram of ANFO pellets spilling. An incident investigation was conducted on April 25, 2022, to determine the root cause. The investigation concluded that:</p> <ul style="list-style-type: none"> • Loading and placement of the ANFO bags in the sea container led to high risk of puncturing a bag during the off-loading. • The procedure related to the removal of ANFO bags from sea containers was not fully addressing the risk of a spill. <p>The spill was cleaned up and ANFO pellets will be utilized in the next scheduled blast. The following corrective/preventative actions were identified to reduce the likelihood of a reoccurrence:</p> <ul style="list-style-type: none"> • Assess the possibility with procurement to ship the material in a way to prevent puncturing of ANFO bags during transport and offloading. • Inform workers manipulating ANFO about the requirement to install additional protection under the sea container and by the door while unloading ANFO to prevent material from falling on the ground. | May 3, 2022 |
| | 7620 | May 21, 2022 | 160 L of hydraulic fluid | <p>The incident occurred when the oil cooler froze and the strip bolt cover blew off, allowing the hydraulic tank to empty on the ground. The spill location is upstream from the Doris camp contact water ponds which would intercept runoff, if any. The spill was located more than 500 m from Doris Lake, which is the nearest lake. The spill was not on or near any designated sensitive habitats.</p> <p>An incident investigation was conducted on May 22, 2022, to determine the root cause. The investigation concluded that:</p> <ul style="list-style-type: none"> • It had been assumed that the vehicle had previously been blown out to remove all water from the cooling system during the long-term storage preparation of the equipment. The drill was then used, unbeknownst to the maintenance department and brought back to surface without being blow-out adequately, and stored outside. • The standard procedure was not followed and a freeze-up occurred, caused by a lack of baseline information and inadequate maintenance procedure. | May 23, 2022 |

(continued)

Table 7.2-1. Summary of Reportable Spills in 2022 (continued)

| Date of Occurrence | Intelex Number | Date of Notification to an Inspector | Spilled Material and Volume or Mass | Details of Spill Event and Follow up Activities | Date Follow-up Report Provided to an Inspector |
|--------------------------|----------------|--------------------------------------|-------------------------------------|--|--|
| May 21, 2022 (cont'd) | | | | <p>The spill was cleaned up and the contaminated gravel was placed into megabags for appropriate disposal by the waste management team. The waste material is due to be shipped off site to a specialized treating facility. The following corrective action was identified and completed to reduce the likelihood of a reoccurrence:</p> <ul style="list-style-type: none"> • The standard operating procedure has been modified so that any vehicles coming up from underground to be parked on surface will be blown-out in the underground wash bay prior to arriving at surface. This will remove the possibility of erroneous assumptions. • The modification to the procedure has been communicated to the various teams concerned and to the incoming shift supervisors. | |
| May 30, 2022 | 7627 | May 30, 2022 | 33 m ³ U/G contact water | <p>During the night of the 30th of May, the underground sump pumps were switched to the manual operation mode as they no longer seemed to work on their automatic setting. This was because the receiving tanks on surface (TK-001, TK-100, and TK-140) were full as a result of the restart of the TSS treatment circuit. When the pumps were switched into the manual mode, the programmed high-level interlocks no longer worked, allowing the tanks to spill over to the floor. The water accumulated in the building because a culvert designed to allow the building to drain into the sediment control pond was blocked. The water accumulated and entered the electrical room, which shorted out at 6:30 am, when the operator arrived on the site.</p> <p>During the spill, channels were dug in the gravel to increase flow to the SCP and avoid backflow to the road. Once power was restored to the building, the remaining water inside was pumped through the sumps in the WTP to the holding tanks. Subsequently, gravel works were carried out to resurface the area.</p> <p>The following corrective actions were identified to reduce the likelihood of a reoccurrence:</p> <ul style="list-style-type: none"> • A one page summary of the WTP operations, environmental obligations, UG production needs and operator contact information is to be produced, aiming at improving communication between underground and surface departments. • Creation of a standard operating procedure and flowchart for discharge restart roles and responsibilities. • Installation of visual high alarm on the outside of the water treatment plant. • Inspection of SCP culvert in the WTP to be added to the operator's daily inspection. • Installation of secondary culvert to the SCP in the electrical room to prevent accumulation and power loss. | June 13, 2022 |

(continued)

Table 7.2-1. Summary of Reportable Spills in 2022 (continued)

| Date of Occurrence | Intelex Number | Date of Notification to an Inspector | Spilled Material and Volume or Mass | Details of Spill Event and Follow up Activities | Date Follow-up Report Provided to an Inspector |
|---------------------------------|----------------|--------------------------------------|-------------------------------------|--|--|
| May 30, 2022 <i>(cont'd)</i> | | | | The event and the results of the investigation have been communicated to the various underground and surface teams involved in their daily toolbox meetings, and the cross-shift will be informed by e-mail by the underground supervisor. | |
| June 16, 2022 | 7657 | June 16, 2022 | 500 L U/G contact water | <p>During the night of the 16th of June, the underground sump pumps were being pumped to the WTP reception tank (TK-100). The tank's pump which sends water to the TSS treatment circuit tripped during the night while underground kept pumping to the WTP as the sump pumps had been switched to manual operation. The water accumulated partly in the building, while the majority was directed to the sedimentation control pond (SCP) through a 6" culvert that was designed for this situation. An incident investigation was conducted on July 11, 2022, to determine the root causes. The investigation concluded that:</p> <ul style="list-style-type: none"> • A lack of communication between the UG rotation shifts, coupled with an equipment failure, lead to the tank overflowing and causing the spill. <p>The power was rapidly restored to the building and the remaining water inside was pumped through the sumps in the WTP to the holding tanks. The water that spilled out of the building and out to the road was allowed to drain into the SCP.</p> <p>The following corrective actions were identified to reduce the likelihood of a reoccurrence:</p> <ul style="list-style-type: none"> • A one-page summary of the WTP operations, environmental obligations, UG production needs and operator contact information is currently sent out as a weekly planning report. • A visual high-level alarm on the outside of the water treatment plant has been installed. • Sandbags have been added to the doors to act as containment berms to allow the 6" culvert to evacuate more water. <p>The event and the results of the investigation have been communicated to the various underground and surface teams involved in their daily toolbox meetings, and the cross-shift will be informed by e-mail by the underground supervisor.</p> | June 12, 2022 |

(continued)

Table 7.2-1. Summary of Reportable Spills in 2022 (continued)

| Date of Occurrence | Intelex Number | Date of Notification to an Inspector | Spilled Material and Volume or Mass | Details of Spill Event and Follow up Activities | Date Follow-up Report Provided to an Inspector |
|--------------------|----------------|--------------------------------------|-------------------------------------|--|--|
| June 29, 2022 | 7677 | June 30, 2022 | 200 L Glycol | <p>The incident occurred while an operator was unloading a tote of glycol from a sea-can. When advancing into the sea-can to pick up another tote, the left fork of the forklift punctured the lower half of a tote which was stood to the side inside the sea-can. The spill occurred approximately 1700m away from Glenn Lake, the nearest water body and was not on or near any other designated sensitive habitats. An incident investigation was conducted on June 29, 2022, to determine the root causes. The investigation concluded that:</p> <ul style="list-style-type: none"> Improper loading and improper placement were to blame in the puncturing of the tote, caused by the operator rushing to get the job done. The root cause was established to be human error. <p>During the spill, the operator secured the area and deployed the secondary containment contained in the sea-can, catching most of the fluid. The glycol which spilled to the ground was then cleared up and all contaminated materials were sent to the waste management team for appropriate disposal. The following corrective action was identified to reduce the likelihood of a reoccurrence:</p> <ul style="list-style-type: none"> The standard operating procedure was revised and reviewed to include the use of a spotter when handling hazardous/petroleum products. <p>The modification to the procedure was communicated to all surface operators and reviewed with them by supervisors.</p> | July 12, 2022 |
| August 28, 2022 | 7839 | Sept 29, 2022 | | <p>Initial water quality of the quarry was assessed on August 10, 2022 and showed the water to pass all required parameters for discharge, including a conductivity of 447 µS/cm. Once the test results came back on August 28, permission was given to install the pumps and, prior to beginning discharge, a grab sample was collected and sent for analysis to an accredited laboratory. This grab sample had a conductivity of 530 µS/cm, placing it above the 500 µS/cm limit allowed by the 2BE-HOP2232 water license. By the time the lab result was received, discharge had been completed.</p> <p>In addition, field parameters were taken on August 28 prior to discharge and showed a conductivity level above the allowed 500 µS/cm. This field measurement was not flagged as an exceedance at that time and was not cross checked with the discharge criteria to confirm compliance prior to discharge.</p> <p>The discharged water from the quarry had dispersed by the time it was known to be non-compliant. Since water in the area of the discharge is currently frozen, die tracer tests or representative sampling campaign could not be done. A visual inspection of the area of the discharge showed no sign of erosion, no direct flow path to water bodies and no damage to the environment.</p> | September 29, 2022 |

(continued)

Table 7.2-1. Summary of Reportable Spills in 2022 (completed)

| Date of Occurrence | Intelex Number | Date of Notification to an Inspector | Spilled Material and Volume or Mass | Details of Spill Event and Follow up Activities | Date Follow-up Report Provided to an Inspector |
|-----------------------------|----------------|--------------------------------------|-------------------------------------|---|--|
| August 28, 2022 (cont'd) | | | | <p>The following corrective measures were identified to reduce the likelihood of a reoccurrence:</p> <ul style="list-style-type: none"> • Field measurements will be taken prior to discharge and no discharge will be authorized if any exceedance found. • Any exceedance in field measurements will stand as guidance until such time that results are available from accredited lab. • Field monitoring and Sampling procedures were updated to include a quick reference table of field parameters allowable limits. Procedures are to be reviewed with the environmental personnel. • The discharge location will be monitored in order to verify if there is an impact. Windy Lake is sampled weekly as part of the SNP monitoring program. • Our new database will include the exceedance alert system for the quarry's sample station. This will reduce reporting time should an exceedance be noted. <p>Agnico is committed to implementing the corrective measures to improve compliance with its license criteria.</p> | |

8. Summary of Post Environmental Monitoring Program

Despite challenges related to the COVID-19 pandemic, Hope Bay continued relevant monitoring, mitigation implementation, and reporting for the Project in 2022 consistent with Project Certificate No. 003 and Project Certificate No. 009. Baseline data and impact predictions were provided in the respective environmental impact statements. A summary of monitoring activities undertaken in 2022, and updated conclusions on impact predictions, is summarized in Table 8-1 relating to Project Certificate No. 003, and Table 8-2 relating to Project Certificate No. 009.

Mitigation measures and adaptive mitigation strategies were implemented as outlined in relevant Management Plans (see Section 10). Analyses of the effectiveness of these mitigation measures in terms of potential environmental impact is also summarized in Table 8-1 and Table 8-2, as well as further discussed in the individual compliance monitoring reports submitted to the NIRB, KIA, and the NWB.

Table 8-1. Summary of Post Environmental Assessment Monitoring Program under Project Certificate No. 003

| Value Component | FEIS Predictions | Mitigation | Monitoring Results | Conclusions | Reference |
|--------------------------------|---|---|---|---|--|
| Atmospheric Environment | | | | | |
| Air Quality | The Project is not expected to cause any significant effect on air quality. | <ul style="list-style-type: none"> Fuel conservation. Use of a brine solution for dust suppression in the underground mine. Use of coarse rock in roads, airstrip, building pads and laydown areas to minimize dust during construction. Driving at designated speeds on site roads. Application of water to roadways to reduce dust from ore and waste rock haulage and grading to a minimum. Installation of dust covers, sonic sprays, etc. to suppress dust generation from equipment in the crushing facility. Installation of a dust scrubber on the smelting off-gas stream. Submerged release of tailings deposition to avoid tailings dust emissions. Installation of a waste oil burner unit equipped with a settling tank and filter system for particulate removal from the waste oil. Proper equipment maintenance. Adherence to all permits, authorizations and approvals. | <p>Monitoring (Jan -Sept 2022):</p> <ul style="list-style-type: none"> Dustfall using Snow Core Sampling (Doris and Madrid). Dustfall using Canisters (Doris and Madrid). TSP, PM₁₀ and PM_{2.5} using Partisol Samplers (Doris). <p>Results:</p> <ul style="list-style-type: none"> All dustfall measurements using snow core sampling were below the ambient air quality objective for industrial and commercial areas. One measurement of snow core sampling was above the maximum dustfall prediction in the 2017 FEIS for the Madrid-Boston Project (2017 FEIS) but was within the expected range of variability for the dispersion modelling predictions. All other measurements were less than the relevant dustfall predictions in the 2016 Amendment/2017 FEIS. All dustfall measurements using canisters around the Doris site were below the ambient air quality objective for industrial and commercial areas. All measurements were below the maximum dustfall prediction in the 2016 Amendment. Elevated dustfall levels were measured for two months, but the values were well below the ambient air quality objective for industrial and commercial areas. Two measurements were above the maximum dustfall prediction in the 2017 FEIS for the Madrid Boston Project but were within the expected range of variability for the dispersion modelling predictions. All TSP, PM₁₀ and PM_{2.5} measurements were below their applicable air quality objectives and also below the maximum 2017 FEIS predictions. Training of Agnico Eagle staff in the calibration and maintenance of the continuous monitors was conducted in Q4 2022. | <ul style="list-style-type: none"> Air quality measurements were below their applicable criteria. Measurements are within the expected range of the applicable 2016 Amendment or 2017 FEIS predictions. | <ul style="list-style-type: none"> Section 5 Q1-Q3 20212 Atmospheric Compliance Monitoring Program Report - Doris and Madrid Projects (Nunami Stantec 20223). Air Quality Management Plan (TMAC 2019). |
| Noise | The Project is not expected to cause any significant effect on noise levels | <ul style="list-style-type: none"> Buildings, structures and material stockpiles will act as physical barriers to noise particularly for outdoor exposed equipment. Most powered equipment will be enclosed in insulated buildings. Proper equipment maintenance. Adherence to all permits, authorizations, and approvals. | <ul style="list-style-type: none"> For the protection of people, Hope Bay implements noise monitoring and abatement under its occupational health and safety management program which is reviewed by the WSCC Mines Inspector. For the protection of wildlife, Hope Bay implements its noise management under its wildlife mitigation and monitoring program. | <ul style="list-style-type: none"> No formal noise monitoring was conducted in 2022. No complaints due to Project noise received. Historic monitoring shows consistency with FEIS predictions and mitigations measures continue to be implemented. | <ul style="list-style-type: none"> Final Environmental Impact Statement (TMAC 2018b) Wildlife Mitigation and Monitoring Plan (Agnico 2023n) Hope Bay Health and Safety Management Plan (TMAC 2017a) |

(continued)

Table 8-1. Summary of Post Environmental Assessment Monitoring Program under Project Certificate No. 003 (continued)

| Value Component | FEIS Predictions | Mitigation | Monitoring Results | Conclusions | Reference |
|----------------------|---|---|--|--|--|
| Water Quality | | | | | |
| Lake Water Quality | <p>Six pathways of potential environmental effects on water quality were identified:</p> <ul style="list-style-type: none"> • Seepage and sediment release from permafrost degradation. • Solutes and sediment release to runoff from roads, building pads, laydown areas, stockpiles, etc. • Nutrient release from the blasting residues. • Solute release to supernatant from tailings deposited into Tail Lake. • Tailings supernatant discharges into Doris Outflow. • Accidental or inadvertent release of deleterious substances. <p>Additional predictions from Water Licence Amendment:</p> <ul style="list-style-type: none"> • Changes in surface water quality from runoff water from proposed expanded laydown area and ore storage pad. • Change from subaqueous to subaerial deposition of tailings in the TIA expected to lead to increased dust generation. | <ul style="list-style-type: none"> • Implementation of the Hope Bay Project Aquatic Effects Monitoring Program to adaptively manage any observed effects to freshwater environment. • No mining effluent has been or will be discharged to the freshwater environment, as the discharge location has been moved to Roberts Bay. • Permafrost degradation was predicted as a risk from the rising water level in the TIA due to tailings deposition. The change from subaqueous to subaerial deposition should minimise this risk. • Minimizing footprint and diversion of surface runoff to minimize the alteration to runoff patterns. Runoff from the pads directed to the Pollution Control Pond. • Roads and infrastructure pads sited to avoid waterbodies and designed to minimize the risk for erosion and use of silt fencing if and where necessary. • Use of proven dust suppression methods to maintain dust at acceptable levels. • No ANFO mixing facility to be located on surface. • Management practices for explosives use, which will limit residual nitrate and nitrite present in quarried and waste rock. • Identifying and using quarry rock that has a low acid generation and metal leaching potential. • Completing winter construction of the roads and building pads, which will mitigate the risk of sediment release during construction. • Management practices for sediment control and storm water management during and after construction to collect surface runoff. | <ul style="list-style-type: none"> • 2022 was the fourth year of implementation of the Belt-wide Hope Bay Project Aquatic Effects Monitoring Plan (TMAC 2018a). The 2022 AEMP included water quality monitoring in lakes potentially impacted by the Doris (Doris Lake) and Madrid North (Patch and Windy lakes) developments because of construction and/or operations activities that have occurred. • In 2022 water quality data from Doris, Windy, and Patch lakes were compared to baseline conditions and to trends in the reference lake (Reference Lake B) to determine whether there was evidence of any Project-related changes to surface water quality. The AEMP found no evidence of any Project-related effects to freshwater water quality in these lakes and no water quality variables exceeded CCME guidelines for the protection of aquatic life as a result of Project activities. | <p>Mitigation measures implemented to minimize the generation of dust, the transport of runoff into natural waterways, and the introduction of blasting residue or ML/ARD into freshwater waterbodies have been successful as there have been few Project-related exceedances of CCME guidelines in lakes located near Doris and Madrid Project infrastructure. Concentration exceeding the CCME guidelines in 2022 did not trigger a low action level response because concentrations were similar to baseline levels or were not concluded to be Project-related. This is consistent with Project predictions.</p> | <ul style="list-style-type: none"> • Section 3.3 of the 2022 Aquatic Effects Monitoring Program Report (ERM 2023c), Appendix D-4 of the 2023 NIRB Annual Report |

(continued)

Table 8-1. Summary of Post Environmental Assessment Monitoring Program under Project Certificate No. 003 (continued)

| Value Component | FEIS Predictions | Mitigation | Monitoring Results | Conclusions | Reference |
|--------------------------------|--|---|---|---|--|
| Terrestrial Environment | | | | | |
| Fish | | | | | |
| Arctic Char | FEIS: Loss of habitat in Roberts Bay due to Jetty Construction resulting in non-significant minor effect | Loss of fish habitat compensated for as outlined in "No Net Loss" Plan (Golder 2007b). | <p>To compensate for the loss of fish habitat in Roberts Bay, four rock shoals were installed in Roberts Bay in 2008.</p> <p>Monitoring:</p> <ul style="list-style-type: none"> Biological monitoring and compensation shoal structural stability of the rock shoals was conducted in 2009, 2010, and 2018. Nearshore sediment transport monitoring was conducted in 2008, 2009, 2010, 2012, 2015, and 2018. The next year of monitoring will be in Year 2 of active mine Post-Closure, the date of which will be determined according to the Mine Plan, as approved by DFO. <p>Results:</p> <ul style="list-style-type: none"> The shoals appear to be functioning as intended. The density and composition of periphyton, benthic macroinvertebrates, and fish communities are similar, but typically less at enhancement sites compared to reference sites. <p>Some local changes in nearshore sediment distribution that may be related to the construction of the jetty, however, generally minimal to no consistent change in sea-floor elevation since 2006 or between surveys.</p> | Loss of habitat in Roberts Bay has been compensated for through the construction of four rock shoals. Monitoring is on-going and indicates that compensation has been successful to date. Therefore, effects on Arctic Char habitat in marine environment are as predicted in the FEIS. | <ul style="list-style-type: none"> Section 4.2.1 in Doris Project "No Net Loss" Plan – Rev. 6 Final Report (Golder 2007b) Section 3 in Doris Project: 2018 Roberts Bay Jetty Fisheries Authorization Monitoring Report (ERM 2018a) Section 3 in Doris Project: 2018 Roberts Bay Bathymetry Monitoring Report (ERM 2018b) July 6, 2016, Letter from Fisheries and Oceans Canada, Subject: Monitoring Requirements for the Doris Project. Letter from Fisheries and Oceans Canada (DFO 2016) |
| Loss of Permafrost | <ul style="list-style-type: none"> Permafrost on the shorelines of the TIA may degrade as the water level in the TIA rises due to tailings deposition. Degradation of permafrost may result in shoreline slumping, resulting in sediment and saline porewater releases into the TIA. Permafrost melting in the TIA caused by the Project may be confounded by existing trends in permafrost melting as a result of climate change. | Permafrost degradation was predicted as a risk from the rising water level in Tail Lake due to tailings deposition. The change from subaqueous to subaerial deposition should minimise this risk. No shoreline slumping has been observed in the TIA. | The TIA shoreline is inspected annually by a professional engineer as part of the annual geotechnical inspections. No shoreline slumping has been observed in the TIA to date. | No shoreline slumping has been observed and therefore no additional actions are required. | 2022 TIA Annual Geotechnical Inspection Report (SRK 2023c) |

(continued)

Table 8-1. Summary of Post Environmental Assessment Monitoring Program under Project Certificate No. 003 (continued)

| Value Component | FEIS Predictions | Mitigation | Monitoring Results | Conclusions | Reference |
|-----------------------------------|--|---|--|---|--|
| Fish (cont'd) | | | | | |
| Lake Trout, Ninespine Stickleback | Doris FEIS: Loss of habitat in Tail Lake (Lake Trout and Ninespine Stickleback) and Tail Lake Outflow (Ninespine Stickleback only) due to Metal Mining Effluent Regulations (MMER) Schedule 2 of Tail Lake and construction of tailings dam resulting in significant moderate effect | Loss of fish habitat in Tail Lake and Tail Lake Outflow compensated for as outlined in "No Net Loss" Plan (Golder 2007b) and subsequent updates (Rescan 2010a and 2010b). | <p>Three strategies were employed to compensate for the loss of fish habitat in Tail Lake and Tail Lake Outflow:</p> <ul style="list-style-type: none"> • Roberts Lake Outflow Enhancement: Improve access of fish, primarily Arctic Char, to nearby Roberts Lake to increase the productive capacity of the lake. A channel was constructed through the boulder garden "stranding zone" of Roberts Lake Outflow in 2012. • Stream E09 Enhancement: Create pool habitat in a stream tributary to Roberts Lake to increase the quantity of nursery habitat for Arctic Char. Two pools were constructed approximately 350 m upstream from Roberts Lake in Stream E09 in 2012. • Windy Lake Compensation Shoals: Install rock shoals in Windy Lake to increase the quantity and quality of juvenile Lake Trout rearing habitat. Six rock shoals were constructed in Windy Lake in 2011. <p>Monitoring:</p> <ul style="list-style-type: none"> • Monitoring of the Roberts Outflow enhancement was conducted in 2013, 2014 and 2015. No monitoring was conducted in 2020 due to the COVID-19 pandemic. Monitoring was conducted in 2022. • Monitoring of the Stream E09 enhancement was conducted in 2013 and 2014. DFO approved the conclusion of the monitoring program in 2016. • Monitoring of the Windy Lake compensation shoals was conducted in 2012, 2013, and 2014. DFO approved the conclusion of the monitoring program in 2016. <p>Results:</p> <ul style="list-style-type: none"> • Based on 2022 monitoring results, mean migration success of arctic charr has increased from 51.1% pre-enhancement to 83.7% post-enhancement, representing a significant, 63.8% increase since the boulder garden enhancement was installed following the 2012 season. This magnitude of increase is greater than double the target stipulated by DFO as representing enhancement success (i.e., 25%). • Enhancement pools in Stream E09 are suitable for Arctic Char use, although they did not meet the success criteria as outlined in the No Net Loss Plan. However, DFO concluded in June 2016 that no net loss of fish habitat in Tail Lake was still expected due to the success of the other two compensation strategies. • Windy Lake Shoals functioning as intended as compensation habitat. In June 2016, DFO concluded that the shoals had achieved the success criteria set out in the No Net Loss Plan. | Loss of habitat in Tail Lake and Tail Lake Outflow have been partially compensated for successfully through the Windy Lake Compensation Shoals and Stream E09 Enhancements. The remaining loss of habitat in Tail Lake has been compensated for through the Roberts Lake Outflow. The 2022 monitoring report continued to confirm the success of these measures. Therefore, effects on Lake Trout and Ninespine Stickleback are as predicted in the FEIS. | <ul style="list-style-type: none"> • July 6, 2016, Letter from Fisheries and Oceans Canada, Subject: Monitoring Requirements for the Doris Project. Letter from Fisheries and Oceans Canada (DFO 2016) • Section 3 in Doris Project: 2014 Windy Lake Shoal Compliance Monitoring Program (ERM 2014) • Section 4 in Doris Project: 2015 Roberts Lake Fish Enhancement Monitoring Program (ERM 2016a) • Section 4.1 in Doris Project "No Net Loss" Plan – Rev. 6 Final Report (Golder 2007b) • Hope Bay Belt Project: Updates to the Doris No Net Loss Plan for Tail Lake. (Rescan 2010b) • Hope Bay Belt Project: Updates to the Doris No Net Loss Plan for Tail Outflow (Rescan 2010c) • Section 4.1 in Doris Project: 2014 Roberts Lake and Outflow Fish Compliance Monitoring Program (ERM 2015a) • Roberts Lake Fish Enhancement Monitoring Program 2022 (Minnow 2022b). Submitted to DFO in March 2023 |

(continued)

Table 8-1. Summary of Post Environmental Assessment Monitoring Program under Project Certificate No. 003 (continued)

| Value Component | FEIS Predictions | Mitigation | Monitoring Results | Conclusions | Reference |
|--|--|---|---|--|---|
| Fish (cont'd) | | | | | |
| Lake Trout, Lake Whitefish, Ninespine Stickleback | <p>Doris FEIS: Habitat alteration due to water withdrawal in Doris Lake for potable and process water resulting in non-significant negligible effects.</p> <p>Water Licence Amendment No.1: No adverse effect to fish beyond natural variation due to drawdown of Doris Lake from mining in talik.</p> | <ul style="list-style-type: none"> Doris FEIS: Withdrawal will be within the natural annual variations in lake water level. Water Licence Amendment: Use of intercepted groundwater for drilling, ensure compliance with DFO protocol for winter water withdrawal from ice-covered waterbodies, complete field programs to verify locations of Lake Trout spawning habitats an incorporate into management plans. | <p>Monitoring:</p> <ul style="list-style-type: none"> Doris Lake water levels are monitored year-round at the Doris Lake-2 level monitoring station. Data are downloaded and analyzed monthly and reported to the NWB (monthly and annual reporting by Agnico). Water level drawdown during the winter is monitored to assess the potential for adverse effects to fish habitat, as described in the Hope Bay Project Aquatic Effects Monitoring Plan (TMAC 2018a). Ice thickness is monitored in April of each year. Collection of data to verify locations and depths of Lake Trout spawning habitats in Doris Lake. <p>Results:</p> <ul style="list-style-type: none"> Winter water levels in Doris Lake continue to remain relatively constant, and there is no evidence of winter drawdown causing adverse effects to fish habitat (ERM 2023c). <p>Lake Trout spawning habitats were delineated in Doris Lake in 2015 to establish baseline and assess potential habitat alteration due to water drawdown.</p> | <p>There is no evidence of an adverse effect of Project-related water use on fish and fish habitat in Doris Lake. Therefore, effects on fish habitat are as predicted in the FEIS.</p> | <ul style="list-style-type: none"> Section 3.1 in the 2022 Aquatic Effects Monitoring Program Report (ERM 2023c), Appendix D-4 of the 2022 NIRB Annual Report Section 3.1 in Doris Project: 2018 Aquatic Effects Monitoring Program Report (ERM 2019) Section 3.1 in Doris Project: 2017 Aquatic Effects Monitoring Program Report (ERM 2018c) Section 4.1.2 and 4.1.3 in Doris Lake, Doris Creek, and Little Roberts Outflow Fisheries Assessment (ERM 2016b) |
| Arctic Char, Lake Trout, Lake Whitefish, Ninespine Stickleback | <p>Doris FEIS: Habitat alteration due to changes in water level and velocity in Doris Creek from TIA discharge resulting in non-significant negligible effects.</p> <p>Water Licence Amendment No. 1: Potential adverse effect on fish habitat due to flow alteration and change in timing, duration, and frequency of flow in Doris Creek from Doris Lake water level drawdown.</p> | <ul style="list-style-type: none"> Doris FEIS: Predicted values for water level and velocity in Doris Creek maintained below published sustained swimming speed for Arctic Char. Water Licence Amendment: monitoring of Doris Lake level to assess adverse effects to fish habitat in downstream Doris Creek. | <p>Monitoring:</p> <ul style="list-style-type: none"> The Doris Project FEIS predicted effects related to TIA discharge to Doris Creek although this approach is no longer applicable based on revision of mine plan in Water Licence Amendment No. 1. Under the revised mine plan, saline mine water and TIA water will be discharged directly to Roberts Bay. Hydrometric stations located upstream (TL-2) and downstream (TL-3) of the discharge location in Doris Creek were monitored until 2015 to assess potential impact predictions on downstream fish habitat. In 2016, the AEMP was revised to assess effects on fish habitat in Doris Creek through Doris Lake level monitoring. Doris Lake water levels are monitored year-round at the Doris Lake-2 level monitoring station. Data are downloaded and analyzed monthly and reported in (Monthly and annual reporting by Agnico) Water level drawdown during the winter is monitored to assess the potential for adverse effects to fish habitat, as described in the Hope Bay Project Aquatic Effects Monitoring Plan (TMAC 2018a). Ice thickness is monitored in April of each year. <p>Results:</p> <ul style="list-style-type: none"> Hydrometric monitoring at TL-2 and TL-3 did not identify effects on fish habitat downstream of the TIA discharge that differed from the predictions in the FEIS. Winter water levels in Doris Lake continue to remain relatively constant, and there is no evidence of winter drawdown causing adverse effects to fish habitat (ERM 2023c). | <ul style="list-style-type: none"> Water level and velocity effects on fish Valued Ecosystem Components (VECs) due to TIA discharge to Doris Creek predicted in the FEIS are no longer applicable based on revision of mine plan in Water Licence Amendment No. 1. Monitoring indicates no adverse effects on fish habitat due to flow changes in Doris Creek as predicted in Water Licence Amendment. | <ul style="list-style-type: none"> Section 3.1 in the 2022 Aquatic Effects Monitoring Program Report (ERM 2023c), Appendix D-4 of the 2022 NIRB Annual Report Section 3.2.1 in the Hope Bay Project Aquatic Effects Monitoring Plan (TMAC 2018a) Section 3.1 in Doris Project: 2018 Aquatic Effects Monitoring Program Report (ERM 2019), Appendix D-4 Section 4 in Doris Project 2014 Hydrology Compliance Monitoring Program (ERM 2015b) Section 4 in Doris Project 2015 Hydrology Compliance Monitoring Program (ERM 2016c) |

(continued)

Table 8-1. Summary of Post Environmental Assessment Monitoring Program under Project Certificate No. 003 (continued)

| Value Component | Doris FEIS Predictions | Mitigation | Monitoring Results | Conclusions | Reference |
|--|--|--|--|--|---|
| Fish (cont'd) | | | | | |
| Arctic Char, Lake Trout, Lake Whitefish, Ninespine Stickleback | Doris FEIS: Habitat alteration in Doris Creek due to reduced water quality from TIA discharge resulting in non-significant negligible effects. | <ul style="list-style-type: none"> Doris FEIS: Discharge will meet CCME water quality guidelines. | <p>Monitoring:</p> <ul style="list-style-type: none"> The Doris Project FEIS predicted effects related to TIA discharge to Doris Creek. The original AMEP was thus designed to monitor these effects. Under the revised mine plan, saline mine water and TIA water will be discharged directly to Roberts Bay and the AEMP has been revised to reflect this change. The final year of monitoring following the original AEMP was 2016. Starting in 2017, the AEMP focused on potential effects in Doris Lake (i.e., nonpoint source input) which also have the potential influence fish VECs in downstream Doris Creek. <p>Results:</p> <ul style="list-style-type: none"> There was no evidence of adverse water quality effects on fish resulting from exceedances of CCME water quality guidelines in 2022. | <ul style="list-style-type: none"> Water quality effects on fish VECs in Doris Creek due to TIA discharge predicted in the FEIS are no longer applicable based on the change of discharge to Roberts Bay in Project Certificate No. 003, amendment No. 1 and Water Licence Amendment No. 1. There are no adverse water quality effects on fish VECs in Doris Creek due to non-point source inputs in Doris Lake. | <ul style="list-style-type: none"> Hope Bay Project Aquatic Effects Monitoring Plan (TMAC 2018a) Section 3.3 in Doris Project: 2016 Aquatic Effects Monitoring Program Report (ERM 2017) Section 3.3 in Doris Project: 2018 Aquatic Effects Monitoring Program Report (ERM 2019), Appendix C-4 Section 3.3 in the 2022 Aquatic Effects Monitoring Program Report (ERM 2023c), Appendix D-4 of the 2022 NIRB Annual Report |
| Arctic Char, Lake Trout, Lake Whitefish, Ninespine Stickleback | Doris FEIS: Habitat alteration resulting in non-significant negligible to significant major effect. | <ul style="list-style-type: none"> Blasting: activities will follow federal and DFO guidelines. Fish harvesting: No-angling policy as a condition of employment. Dust deposition: predicted dust deposition not expected to affect habitat or egg survival. Accidents, malfunctions, and unplanned events: fuel and hazardous materials storage, transfer and handling are regulated, emergency response and contingency plans in place. | <p>Monitoring:</p> <ul style="list-style-type: none"> A blasting monitoring program was developed and implemented that considers potential blasting time restrictions with Fisheries and Oceans Canada's (DFO) Guidelines for the Use of Explosives In or Near Canadian Fisheries Waters (Wright and Hopky 1998) as modified by DFO for use in the North (see Revised Term and Condition 29). No-angling policy in effect. Dustfall is monitored via snow cores and dustfall canisters. Dust deposition does not exceed 1 mm threshold predicted to be protective of fish in the FEIS. No fishing policy which is reviewed with all employees at orientation. <p>Results:</p> <ul style="list-style-type: none"> No accidents, malfunctions, and unplanned events with significant effects on fish. | <ul style="list-style-type: none"> Blasting effects on fish VECs are as predicted in the FEIS. Harvest effects on fish VECs are as predicted in the FEIS. Dust deposition effects on fish VECs are as predicted in the FEIS. Effects of accidents, malfunctions, and unplanned events on fish VECs are as predicted in the FEIS. | <ul style="list-style-type: none"> Q1-Q3 2022 Atmospheric Compliance Monitoring Program Report - Doris and Madrid Projects (Nunami Stantec 2023), Appendix D-1 of the 2022 NIRB Annual Report |

(continued)

Table 8-1. Summary of Post Environmental Assessment Monitoring Program under Project Certificate No. 003 (continued)

| Value Component | FEIS Predictions | Mitigation | Monitoring Results | Conclusions | Reference |
|--|---|--|---|--|--|
| Socio-Economic Effects | | | | | |
| Community Services and Infrastructure – Health Care Services | Project may increase demand on health care services in Kitikmeot communities due to a change in health conditions of mine workers. Minimal adverse effects are predicted. | <ul style="list-style-type: none"> • Health and Safety Management Plan. • Pre-Employment Medical Testing. • Employee and Family Assistance Plan (EFAP). • Agnico Liaison. | <ul style="list-style-type: none"> • There is no evidence that the Project has resulted in an increased demand on health care services from residents of the Kitikmeot region. The rates of utilization (with the exception of Cambridge Bay in 2014 and Kugaaruk in 2016) remain lower in comparison to the time prior to the Project (e.g., in 2003 or 2004). At the time of writing, community utilization data for 2017 to 2021 have yet to be released by the GN. • In 2018 and 2019, there was no use of community emergency medical services, compared to one incident in 2017. In 2020, the Project accessed GN emergency services three times – all incidents were related to COVID-19 pandemic. Similar information for 2022 was not available at the time of writing this report. The Project has not resulted in an increased demand on health care services in Kitikmeot communities as a result of Project-related emergencies. • Work on the Hope Bay Project: 2022 Socio-Economic Monitoring Program Report is in progress, and an update for 2022 was not available when this report was being prepared. | No adverse effect on health care services. This is consistent with FEIS predictions. | Hope Bay Project: 2021 Socio-Economic Monitoring Program (ERM 2022b) |
| Community Services and Infrastructure – Community Well-being and Delivery of Social Services | <p>Small increase in population in Kitikmeot communities as result of the Project, including supplier and spin-off business in Kitikmeot communities.</p> <p>There will be a small or negligible change in the number of Kitikmeot residents relocating.</p> <p>The demand for social housing will be negligible or not significant as a result of in-migration due to the Project. The demand for private housing may increase.</p> <p>Some workers and their families may find rotational employment stressful, leading to termination of employment. Employees may seek assistance to help deal with stress and improve their quality of life.</p> | <ul style="list-style-type: none"> • Fly-in/fly-out rotation. • Employee and Family Assistance Plan (EFAP). • Agnico Liaison. • Family communications. • Community Involvement Plan. • Inuit Impact and Benefit Agreement. | <ul style="list-style-type: none"> • In 2021, two Kitikmeot Inuit contract employees relocated from Kugluktuk and Gjoa Haven to Edmonton in order to retain Hope Bay employment during the pandemic as Kitikmeot based employees were precluded from working at the Project to prevent the spread of COVID-19 to communities. • In 2021, the number of people on public housing waitlist decreased in Kugaaruk while it increased in all other Kitikmeot communities. However, the number of people waiting for public housing exceeded the number of available public housing in all communities. Housing status of Project employees is unknown; the housing status survey is to be developed in the coming years, to be led by the Nunavut Housing Corporation. It is unlikely that the Project has contributed to increased demand for public housing. • In 2021, two Nunavut Inuit left employment with the Project, the reason for the termination of this employment was unknown at the time of writing this report. • Work on the Hope Bay Project: 2022 Socio-Economic Monitoring Program Report is in progress, and an update for 2022 was not available when this report was being prepared. | Minimal adverse effect on community well-being. This is consistent with FEIS predictions. As a management response to monitoring results, Agnico will review employee use of the Employee and Family Assistance Program (EFAP) and other Project provisions and determine whether the appropriate supports are in place for employees who are homesick or experiencing emotional stress. | Hope Bay Project: 2021 Socio-Economic Monitoring Program (ERM 2022b) |

(continued)

Table 8-1. Summary of Post Environmental Assessment Monitoring Program under Project Certificate No. 003 (continued)

| Value Component | FEIS Predictions | Mitigation | Monitoring Results | Conclusions | Reference |
|---|---|---|--|---|--|
| Socio-Economic Effects (cont'd) | | | | | |
| Community Services and Infrastructure – Community Well-being and Delivery of Social Services (cont'd) | <p>Project-related workplace accidents should be minimal in number and severity.</p> <p>An increase on demand for social services as a result of the Project is expected to be minor.</p> | <ul style="list-style-type: none"> • Health and Safety Management Plan. • Employee and Family Assistance Plan (EFAP). | <ul style="list-style-type: none"> • An Employee and Family Assistance Program (EFAP) was established in 2014 and continues to be available to Agnico employees. In 2020, there were 17 EFAP cases, with nine of those accessed by Project employees, and the remaining by dependents or spouses. Information for 2021 was not available at the time of writing this report. • There were no lost time incidents in 2020 and 33 minor injuries. Information for 2021 was not available at the time of writing this report. Agnico is committed to avoiding workplace accidents, and all lost time incidences are investigated, and corrective actions identified and implemented. The company promotes a Zero Harm culture as it believes that all injuries and accidents are preventable. • The number of social assistance cases slightly decreased in 2018; information for 2019, 2020, and 2021 was not available at the time of writing this report. • Work on the Hope Bay Project: 2022 Socio-Economic Monitoring Program Report is in progress, and an update for 2022 was not available when this report was being prepared. | As predicted, workplace accidents are minimal, and there is no observed increase in the use of social services. | |
| Community Services and Infrastructure – Public Safety and Protection Services | <p>Increased income from Project-related employment can lead to increased alcohol and drug use and other unhealthy choices or behaviours.</p> | <ul style="list-style-type: none"> • Community Involvement Plan. • Alcohol and Drug Policy. • Pre-Employment substance abuse screening and criminal record checks. | <ul style="list-style-type: none"> • There is no indication that overall crime rates have increased as a result of the Project. A direct correlation between changes in Project-related employment and income, and changes in the demand for police services and crime in the Kitikmeot communities is not evident. Although the number of police calls continues to increase, overall crime rate falls within previously recorded levels. • In 2021, the total number of police calls decreased in the Kitikmeot, with only Cambridge Bay and Kugaaruk having a slight increase in the number of calls. The change in the number of police calls by community as well as the overall crime rate can result from many interacting and complex factors, such as changes in population size, changes in employment and income levels (due to the Hope Bay Project or other projects in the communities), levels of alcohol and drug availability, the relationship between the residents and the Royal Canadian Mounted Police (RCMP), and the availability and use of community service. • In 2020, impaired driving violations and the number of assaults increased in the Kitikmeot while drug-related violations continued to decrease. At a community level, Gjoa Haven had decreasing impaired driving violations and assaults. Substantial inter-annual variation in the number of violations makes it difficult to assess the effect of Project income on the number of violations in each community. Data for 2021 is not yet available at the time of this report. • Work on the Hope Bay Project: 2022 Socio-Economic Monitoring Program Report is in progress, and an update for 2022 was not available when this report was being prepared. | <p>No adverse effect on public safety and protection services. This is consistent with FEIS predictions.</p> | Hope Bay Project: 2021 Socio-Economic Monitoring Program (ERM 2022b) |

(continued)

Table 8-1. Summary of Post Environmental Assessment Monitoring Program under Project Certificate No. 003 (continued)

| Value Component | FEIS Predictions | Mitigation | Monitoring Results | Conclusions | Reference |
|--|---|---|--|---|--|
| Socio-Economic Effects (cont'd) | | | | | |
| Employment and Economy – Employment | <p>The Project will provide significant employment, including directly employing workers from the Kitikmeot region.</p> <p>Hamlet workers with suitable skills and experience may leave their jobs for work at the Project. Communities may find it difficult to find workers with the necessary skills.</p> | <ul style="list-style-type: none"> • Inuit Impact and Benefit Agreement. • Human Resources Plan. • Community Involvement Plan. | <ul style="list-style-type: none"> • Project employment has exceeded initial predictions. The total number of workers has been growing with an increase in operating activities, with as many as 760 workers in 2019. However, in 2020, Project operations were scaled down and workforce was reduced to manage the COVID-19 pandemic and to protect its employees and contractors. The number of workers was 689 in January of 2020, gradually decreasing with the progress of the COVID-19 pandemic and remaining around 300 jobs for Q2, Q3 and Q4 of 2020. Reduced operations continued throughout 2021; the Project provided 386 to 519 jobs in 2021, with up to 215 workers on site at any time. • In 2020, there were three Kitikmeot Inuit working at the Project, and up to nine Inuit from outside of the Kitikmeot region. Isolation policy for Inuit workforce continued at the Project in 2021 making it challenging to hire Kitikmeot Inuit for roles at the Project. As measured by workforce effort (total hours worked), Inuit employment at the Project represented about 3% of the total. • In 2021, women comprised about 10% of the total workforce (by hours worked). Workforce effort by Inuit women was 6,842 hours, or 1% of total workforce effort. • In September 2020, most workers from Kitikmeot communities put on leave in March 2020 were laid off. In 2021, due to continued challenges associated with the COVID-19 pandemic, there was no hiring of workers from Kitikmeot communities, and thus no skilled workers left community roles for work at the Project. • Work on the Hope Bay Project: 2022 Socio-Economic Monitoring Program Report is in progress, and an update for 2022 was not available when this report was being prepared. | <p>Strong positive effects on employment of Inuit. No evidence of adverse effect on competition for labour in the communities due to the Project. This is consistent with FEIS predictions. However, COVID-19 pandemic impacted employment efforts of Inuit in 2020 and 2021, As a management response to monitoring results, Agnico will:</p> <ul style="list-style-type: none"> • Continue to encourage Kitikmeot Inuit to seek employment with the Project once Project isolation policy is lifted. • Monitor the diversity of job types held by Inuit. Agnico expects this to evolve further over time as Inuit skill levels increase as well as interest in mining career opportunities. • Continue to encourage and support the participation of women in the Project's workforce. • As enabled by the provisions of the IIBA, continue to encourage contractors to rely on Inuit workers, and demonstrate a preference for Kitikmeot Qualified Businesses and other contractors with Inuit content as defined by the IIBA. | <ul style="list-style-type: none"> • Hope Bay Project: 2021 Socio-Economic Monitoring Program (ERM 2022b) |
| Employment and Economy – Economy | <p>Increase in business and personal income from the Project is expected to result in economic benefits to the Kitikmeot region.</p> <p>There will be a minor increase in the cost of living in the communities as a result of the Project.</p> <p>There will be a decrease in the number or value of social assistance payments in the communities as a result of the Project.</p> | <ul style="list-style-type: none"> • Inuit Impact and Benefit Agreement. • Human Resources Plan. • Community Involvement Plan. | <ul style="list-style-type: none"> • Significant direct benefits have been realized to Kitikmeot personal incomes as a result of the Project. • For 2020, the total payroll for Inuit direct employees (excluding contractors) is estimated at \$1.8 million; similar information for 2021 was not available at the time of writing this report. Payroll for Inuit was impacted in 2020 and in 2021 due to isolations policy that precluded Nunavut-based workforce from working at the Project to prevent the spread of COVID-19 to communities. • The Project has resulted in substantial business opportunities for Kitikmeot Qualified Businesses in Nunavut. For 2021, Agnico contractor spend totaled \$62.0 million to Kitikmeot Qualified Businesses. • In 2021, the cost of food decreased in Cambridge Bay, Kugluktuk, and Taloyoak, while it remained unchanged in Gjoa Haven; the Revised Northern Food Basket (RNFB) is not available for Kugaaruk. Changes to the cost of food have not occurred in line with Project activities and it is unlikely that the Project has had any impact on food prices. • Work on the Hope Bay Project: 2022 Socio-Economic Monitoring Program Report is in progress, and an update for 2022 was not available when this report was being prepared. | <p>Strong positive effects on businesses and personal income in the Kitikmeot region. No evidence of adverse effect on cost of living due to the Project. This is consistent with FEIS predictions, although employment and business benefits have been much higher than originally predicted.</p> <p>As a management response to monitoring results, Agnico will continue to support the development of skills and worker readiness for employment by working with the Kitikmeot Inuit Association (KIA), Government of Nunavut (GN), Nunavut Arctic College and other organizations, as enabled by the provisions of the IIBA. Agnico will continue to pursue a Memorandum of Understanding with the Government of Nunavut and Kitikmeot Inuit Association aimed at increasing coordinated efforts towards mine training and employment. Agnico will also continue to encourage contractors to rely on Inuit workers and demonstrate a preference for Kitikmeot Qualified Businesses and other contractors with Inuit content as defined by the IIBA.</p> | <ul style="list-style-type: none"> • Hope Bay Project: 2021 Socio-Economic Monitoring Program (ERM 2022b) |

(continued)

Table 8-1. Summary of Post Environmental Assessment Monitoring Program under Project Certificate No. 003 (continued)

| Value Component | FEIS Predictions | Mitigation | Monitoring Results | Conclusions | Reference |
|---|---|---|--|--|--|
| Socio-Economic Effects (cont'd) | | | | | |
| Employment and Economy – Education and Training | <p>The Project will create opportunities for training and job skills that are transportable.</p> <p>The Project could affect retention rates of youth in school.</p> | <ul style="list-style-type: none"> • Inuit Impact and Benefit Agreement. • Human Resources Plan. • Community Involvement Plan. | <ul style="list-style-type: none"> • In 2021, there was no on-the job training due to physical distancing measures implemented at the Project in response to COVID-19 pandemic. • Two apprenticeship positions have been created thus far. Efforts have been hampered due to the challenges registering apprenticeships in other jurisdictions when the apprenticeship is not able to be registered in Nunavut. In 2020 and 2021, COVID-19 pandemic further impacted this effort. • Inuit employees held a mix of unskilled, semi-skilled and skilled positions, while being underrepresented in professional and management positions. Most Inuit workers work in surface operations and processing plant, and to a lesser degree in Social Responsibility. • Support for school-based initiatives including Career Awareness Sessions, High School Awards, and Mining Matters events was postponed in 2020 and in 2021 due to COVID-19 pandemic • High school enrollment remained relatively stable in the Kitikmeot region. High school completion in 2017/18 dropped by a half in Cambridge Bay and Gjoa Haven but increased in Kugluktuk. Information for 2019, 2020 and 2021 was not available at the time of writing this report. • Work on the Hope Bay Project: 2022 Socio-Economic Monitoring Program Report is in progress, and an update for 2022 was not available when this report was being prepared. | <p>Positive effects on training and the development of a skilled and experienced labour force. This is consistent with FEIS predictions.</p> <p>Pre-pandemic, Inuit workers received over 10x the amount of on-the-job training (by hours) than non-Inuit workers, on average. Employment and training of Inuit was hampered in 2020 and 2021 due to COVID-19 related measures. Agnico is committed to developing the Inuit workforce and improving the relative skill and education gap within the Kitikmeot region described in the FEIS.</p> <p>Agnico's involvement in community and student outreach events was mostly postponed in 2020 and 2021 due to COVID-19 related restrictions. Agnico is committed to host community information and career awareness session in all Kitikmeot communities at least annually to encourage Inuit to attain the skills and education qualifications necessary to take advantage of employment opportunities. Agnico plans to resume outreach events once pandemic related restrictions are lifted.</p> <p>As a management response to monitoring results, Agnico will:</p> <ul style="list-style-type: none"> • As enabled by the provisions of the IIBA, continue to support the development of skills and worker readiness for employment by working with the Kitikmeot Inuit Association (KIA), Government of Nunavut (GN), Nunavut Arctic College and other organizations. • Identify opportunities for job shadowing, apprenticeships, and summer students as circumstances allow and communicate with local communities once opportunities become available. | <ul style="list-style-type: none"> • Hope Bay Project: 2021 Socio-Economic Monitoring Program (ERM 2022b) |
| Employment and Economy – Business Opportunities | <ul style="list-style-type: none"> • The Project will make positive contributions to Kitikmeot and Nunavut businesses. • There will be an increase in local business capacity as a result of the Project. | <ul style="list-style-type: none"> • Inuit Impact and Benefit Agreement. • Agnico Liaison. | <ul style="list-style-type: none"> • The Project has made significant positive contributions to the Kitikmeot and Nunavut economy. • Agnico awarded \$65.0 million in contracts to Nunavut businesses, of which, \$62.0 million was awarded to Kitikmeot Qualified Businesses (KQB) as defined under the Hope Bay IIBA. An estimated 32% of the total value of contracts awarded by Agnico was awarded to Nunavut businesses in 2021. In 2020, there were 83 registered Inuit Firms in the Kitikmeot region of which 29 were KQBs. Many businesses in the Kitikmeot region provide mining services. The development of these businesses may have been supported by the Project or by other mining projects and exploration in the region. • Work on the Hope Bay Project: 2022 Socio-Economic Monitoring Program Report is in progress, and an update for 2022 was not available when this report was being prepared. | <ul style="list-style-type: none"> • Strong positive effects on Inuit-owned businesses in the Kitikmeot region. This is consistent with FEIS predictions, although business benefits have been much higher than originally predicted. • As a management response to monitoring results, Agnico will continue to encourage contractors to rely on Inuit workers and demonstrate a preference for Kitikmeot Qualified Businesses and other contractors with Inuit content as defined by the IIBA. | <ul style="list-style-type: none"> • Hope Bay Project: 2021 Socio-Economic Monitoring Program (ERM 2022b) |

(continued)

Table 8-1. Summary of Post Environmental Assessment Monitoring Program under Project Certificate No. 003 (completed)

| Value Component | FEIS Predictions | Mitigation | Monitoring Results | Conclusions | Reference |
|--|--|--|---|---|---|
| Socio-Economic Effects (cont'd) | | | | | |
| Heritage Resources | <ul style="list-style-type: none"> • Direct effects of construction associated with Doris on three sites in Roberts Bay (NbNh13, 23, 28), one site (NaNh-4) near Doris site, one site along TIA road (NaNh-28), and one site in the TIA quarry (NaNh-30). • Doris amendments affected an additional eight sites (NaNh62, 63, 64, 90, NbNh-12, 27, 47, 48). • Indirect effects were identified as possible for 32 sites. | <ul style="list-style-type: none"> • The six sites were mitigated by systematic data recovery for Doris. • Seven sites were mitigated by systematic data recovery pre-Amendments and one site (NbNh-12) is partly mitigated/partly protected. • Periodic monitoring and protection as needed for those sites potentially indirectly affected. | <ul style="list-style-type: none"> • 2022 field program included ground surveys in support of the exploration programs. • Five archaeological sites were newly recorded in 2022. Three are in the vicinity of Patch Lake, one is north of the main body of Aimaokatalok, and one is east of Aimaokatalok. One of these sites has a tent ring and marker stones, one has a trap (possible double), one has an upright marker stone and possible stone circle, one has three or four caches, and one is an isolated chert flake. The latter artifact is probably related to a previously recorded site of an isolated tool find that likely dates to Arctic Small Tool tradition times, as much as 3,000 years ago. Some additional white chert artifacts were found this year in the vicinity of that site; two of these artifacts are unifacially flaked fragments that were probably part of a knife. One of those pieces was collected for detailed study. This site was originally thought to be a single lost artifact, but based on this season's new finds, it is now considered to be a tool making site. Another interesting find at a previously recorded site is what looks like a child's bow, with bits of cotton twine still in the notches at the ends. • Over the 20+ years of field investigations on the Hope Bay project, more than 340 archaeological sites have been recorded. | <ul style="list-style-type: none"> • Systematic data recovery provided positive benefits of recovering cultural information. • Monitoring ensured no inadvertent impacts on recorded sites. This is consistent with FEIS predictions. | <ul style="list-style-type: none"> • TMAC Hope Bay Project Archaeological Site Status Report 2022 (Points West Heritage Consulting Ltd. 2023a) Appendix D-6 of the 2021 NIRB Annual Report • Hope Bay Project, Nunavut: Archaeological Investigation in 2022 Final Permit Report (Points West Heritage Consulting Ltd. 2023b) submitted to the Territorial Archaeologist. Department of Culture and Heritage in February 2023 |

Table 8-2. Summary of Madrid-Boston Residual Effects, and Monitoring Program under Project Certificate No. 009

| Subject Area | Value Component | Potential Effect(s) | Mitigation Measures | Monitoring Results | Predicted Residual Effect(s) | Significance Rating | Reference/Commentary |
|-------------------------|---------------------|--|---|---|--|--|---|
| Atmospheric Environment | Ambient Air Quality | <ul style="list-style-type: none"> Changes to ambient air quality | <ul style="list-style-type: none"> A portion of the TIA will be subaqueous to help reduce fugitive dust emissions. Stacks with sufficient height to help reduce ground level air contaminates. Road and infrastructure optimization to reduce transportation and haul distances. Employee training and instruction relating to process control and air emissions. Waste recycling program to reduce incinerated waste. Emission control systems used on equipment, where applicable. Fuel efficient and low emission equipment use, where applicable. Regular equipment servicing and preventative maintenance. Dust suppressants applied to roads, stockpiles, TIA and TMA where needed. Road speed limit of 50 km/h. Contour stockpiles and install engineering dust controls, where needed. Adaptive management through air quality monitoring. Stack testing and reporting, when applicable. Ongoing dust deposition and airborne particulate monitoring and reporting. | <p>Monitoring (Jan -Sept 2022):</p> <ul style="list-style-type: none"> Dustfall using Snow Core Sampling (Doris and Madrid). Dustfall using Canisters (Doris and Madrid). TSP, PM₁₀ and PM_{2.5} using Partisol Samplers (Doris). <p>Results:</p> <ul style="list-style-type: none"> All dustfall measurements using snow core sampling were below the ambient air quality objective for industrial and commercial areas. One measurement of snow core sampling was above the maximum dustfall prediction in the 2017 FEIS for the Madrid-Boston Project (2017 FEIS) but was within the expected range of variability for the dispersion modelling predictions. All other measurements were less than the relevant dustfall predictions in the 2016 Amendment/2017 FEIS. All dustfall measurements using canisters around the Doris site were below the ambient air quality objective for industrial and commercial areas. All measurements were below the maximum dustfall prediction in the 2016 Amendment. Elevated dustfall levels were measured for two months, but the values were well below the ambient air quality objective for industrial and commercial areas. Two measurements were above the maximum dustfall prediction in the 2017 FEIS for the Madrid Boston Project but were within the expected range of variability for the dispersion modelling predictions. All TSP, PM₁₀ and PM_{2.5} measurements were below their applicable air quality objectives and also below the maximum 2017 FEIS predictions. Training of Agnico Eagle staff in the calibration and maintenance of the continuous monitors was conducted in Q4 2022. | <ul style="list-style-type: none"> Changes to ambient air quality. | Not significant | <ul style="list-style-type: none"> Q1-Q3 2022 Atmospheric Compliance Monitoring Program Report - Doris and Madrid Projects (Nunami Stantec 2023), Appendix D of the 2020 NIRB Annual Report Air Quality Management Plan (TMAC 2019) |
| | Noise and Vibration | <ul style="list-style-type: none"> Effect on Humans Effect on Wildlife | <ul style="list-style-type: none"> Mobile equipment with appropriate mufflers and silencers and follow manufacturer recommended maintenance schedules; Use enclosures for ore processing (including crushing), power, and air compression activities. Processing enclosures should achieve at least an STC30 rating, and the Boston Power Generation Facility enclosure should also achieve a STC30 rating; Ore concentrating and processing conducted indoors to reduce noise emissions. The Boston Power Generation Facility exhausts could include a silencer to reduce combustion exhaust noise emissions. Haul road designed to optimise the haulage route to avoid receptors, where feasible, and to minimise the distance travelled to reduce the overall noise generation. Mobile equipment travelling within speed limits. | <p>For the protection of people, Agnico implements noise monitoring and abatement under its occupational health and safety management program which is reviewed by the WSCC Mines Inspector.</p> <ul style="list-style-type: none"> No complaints due to Project noise received. <p>For the protection of wildlife, Agnico implements its noise management under its wildlife mitigation and monitoring program.</p> | <ul style="list-style-type: none"> Effect on Humans. Effect on Wildlife. | Not Significant (See Terrestrial Wildlife VECs) | <ul style="list-style-type: none"> Hope Bay Health and Safety Management Plan (TMAC 2017a) Wildlife Mitigation and Monitoring Plan (Agnico 2023b) |

(continued)

Table 8-2. Summary of Madrid-Boston Residual Effects, and Monitoring Program under Project Certificate No. 009 (continued)

| Subject Area | Value Component | Potential Effect(s) | Mitigation Measures | Monitoring Results | Predicted Residual Effect(s) | Significance Rating | Reference/Commentary |
|---|--|---|---|--|---|---------------------|---|
| Vegetation and Special Landscape Features | Vegetation, Caribou, Grizzly Bear, Wolverine, Upland Breeding Birds, Waterbirds, Raptors | <ul style="list-style-type: none"> Loss of vegetation Habitat loss for Caribou, Grizzly Bear, Wolverine, Upland Breeding Birds, Waterbirds, Raptors | <ul style="list-style-type: none"> Minimize footprint of facilities. Avoidance of sensitive areas and rare plants during Project design. Minimize disturbance of vegetation, permafrost and soils outside of Project footprints. | <ul style="list-style-type: none"> The Project footprint is measured and reported each year in the WMMP Report. The total Project footprint is 141.15 ha. This represents less than 0.1% of available suitable habitat for caribou, grizzly bear, and wolverine in the RSA and 0.3% or less of suitable available habitat for breeding birds, waterbirds, and raptors in the LSA. | <ul style="list-style-type: none"> Loss of vegetation. | Not significant | <ul style="list-style-type: none"> Addresses Madrid-Boston Final Hearing Commitment 1 Section 2.1 Habitat Loss and Alteration, and Section 3.13 Plants in the 2022 Wildlife Mitigation and Monitoring Plan Compliance Report (ERM 2023a), Appendix D-3 of the 2022 NIRB Annual Report |
| | | <ul style="list-style-type: none"> Alteration of vegetation | <ul style="list-style-type: none"> Limit dust production - dust suppressants on roads. Speed limits to reduce dust generation. Vehicles restricted to site roads and quarry footprints and ice roads. Minimize soil degradation (i.e., erosion) by establishing and implementing erosion control. Reclaim unused disturbed areas where possible. Monitor water quality to meet discharge requirements. Adequate fill depths to ensure preservation of permafrost. | <ul style="list-style-type: none"> Vegetation monitoring baseline sedge samples were collected in 2018 but not repeated since. Additional vegetation monitoring will be conducted during construction of the Madrid--Boston All Weather Road and the Boston Project Area. | None Predicted | - | |
| | Special landscape features | <ul style="list-style-type: none"> Loss of special landscape features | <ul style="list-style-type: none"> Avoidance of special landscape features (rock outcrops, rare wetlands, where rare plants are more abundant during Project design). Minimize disturbance of vegetation, permafrost and soils outside of Project footprints. | <ul style="list-style-type: none"> Monitoring the loss of special landscape features was a commitment made during the review of the Phase 2 Project and began in 2019. Prior to 2020, 33.8 ha of special landscape features were removed due to Project construction, primarily of rock outcrops. No loss of special landscape features has occurred since 2019. | <ul style="list-style-type: none"> Loss of special landscape features. | Not significant | N/A |
| | | <ul style="list-style-type: none"> Alteration of special landscape features | <ul style="list-style-type: none"> Limit dust production - dust suppressants on roads. Speed limits to reduce dust generation. Vehicles restricted to site roads and quarry footprints and ice roads. Minimize soil degradation (i.e., erosion) by establishing and implementing erosion control. Reclamation of unused disturbed areas where possible. Monitor water quality to meet discharge requirements. Adequate fill depths to ensure preservation of permafrost. | | None Predicted | - | |

(continued)

Table 8-2. Summary of Madrid-Boston Residual Effects, and Monitoring Program under Project Certificate No. 009 (continued)

| Subject Area | Value Component | Potential Effect(s) | Mitigation Measures | Monitoring Results | Predicted Residual Effect(s) | Significance Rating | Reference/Commentary |
|---|---|--|---|---|--|---------------------|--|
| Terrestrial Wildlife and Wildlife Habitat | Dolphin and Union (Island) Caribou herd | <ul style="list-style-type: none"> Habitat loss Disturbance Disruption of Movement Attraction to the Project Direct Mortality Increased Access and Harvest Changes in Environmental Media Quality | <ul style="list-style-type: none"> Employee awareness / environmental induction program. Open water marine resupply to avoid Dolphin and Union caribou migration on the sea ice. Plan footprint to avoid sensitive wildlife areas. Minimize footprint of facilities. Limit dust production - dust suppressants on roads. Maintaining equipment to limit noise production. Surveys prior to blasts to limit disturbance if caribou present. Speed limits to minimize the chance of collisions with wildlife and noise. TMAC has a no hunting policy for all personnel while working on site. Identify locations of the AWR with Elders and harvesters for caribou crossing structures to facilitate crossing for wildlife. Snow management on roads. Helicopters to avoid caribou by at least 300 m vertically and 600 m horizontally where safe to do so. Fixed-wing aircraft to maintain a minimum of 610 m elevation except when landing or taking off where safe to do so. If caribou near airstrip (250 m) then delay flights to keep caribou safe and avoid disturbance, when safe to do so. | <ul style="list-style-type: none"> At this time, the collar data from the Dolphin and Union caribou have not yet been delivered by the Government of Nunavut (GN) for since 2019. Traditional Knowledge and land users from the Inuit Environmental Advisory Committee (IEAC) indicate that Dolphin and Union caribou now cross the sea-ice to the west of Cambridge Bay, near Wellington Bay. IEAC members also indicated that Dolphin and Union caribou are no longer wintering on the northern part of the Kent peninsula. Other than these shifts, which began before 2020, Traditional Knowledge and collar data indicate that the Dolphin and Union caribou have maintained a consistent usage of the area surrounding the Hope Bay Project area for over 20 years, with some animals transiting the area during spring and fall migration and low numbers of caribou in the area during winter. Pending submission of the data by the GN, the kernel density analysis of the winter range will be reported in future years. | <ul style="list-style-type: none"> Habitat loss. Disturbance. Disruption of movement. | Not significant | <ul style="list-style-type: none"> Section 3.4 and Caribou in the 2022 Wildlife Mitigation and Monitoring Plan Compliance Report (ERM 2023a), Appendix D-3 of the 2022 NIRB Annual Report Wildlife Mitigation and Monitoring Plan (Agnico 2023b) |
| | Beverly and Ahiak Caribou sub populations | <ul style="list-style-type: none"> Habitat loss Disturbance Disruption of Movement Attraction to the Project Direct Mortality Increased Access and Harvest Changes in Environmental Media Quality | <ul style="list-style-type: none"> Employee awareness / environmental induction program. Plan footprint to avoid sensitive wildlife areas. Minimize footprint of facilities. Limit dust production - dust suppressants on roads. Maintaining equipment to limit noise production. Surveys prior to blasts to limit disturbance if caribou present. Speed limits to minimize the chance of collisions with wildlife and noise. Vehicles must give wildlife the right of way. Drivers to stay in their vehicles when caribou present so not to disturb caribou. TMAC has a no hunting policy for all personnel while working on site. Identify locations of the AWR with Elders for caribou crossing structures to facilitate crossing for wildlife. Snow management on roads. Helicopters to avoid caribou by at least 300 m vertically and 600 m horizontally where safe to do so. Fixed-wing aircraft to maintain a minimum of 610 m elevation except when landing or taking off where safe to do so. | <ul style="list-style-type: none"> Collar data from the Beverly and Ahiak sub-populations were analysed for their core calving range (50% kernel density) and the 95% kernel density calving range. Neither the Beverly or Ahiak core calving ranges or 95% calving ranges overlapped with the Study Area in 2022. Generally, the calving ranges were consistent with previous years (2001-2021), with some portions of both calving areas varying in their spatial extent. | <ul style="list-style-type: none"> Habitat loss. Disturbance. | Not significant | <ul style="list-style-type: none"> Section 3.4 and Caribou in the 2022 Wildlife Mitigation and Monitoring Plan Compliance Report (ERM 2023a), Appendix D-3 of the 2022 NIRB Annual Report Wildlife Mitigation and Monitoring Plan (Agnico 2023b) |

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Table 8-2. Summary of Madrid-Boston Residual Effects, and Monitoring Program under Project Certificate No. 009 (continued)

| Subject Area | Value Component | Potential Effect(s) | Mitigation Measures | Monitoring Results | Predicted Residual Effect(s) | Significance Rating | Reference/Commentary |
|--|-----------------|--|---|---|---|---------------------|--|
| Terrestrial Wildlife and Wildlife Habitat (cont'd) | Caribou | <ul style="list-style-type: none"> Habitat loss Disturbance Disruption of Movement Attraction to the Project Direct Mortality Increased Access and Harvest Changes in Environmental Media Quality | <ul style="list-style-type: none"> Employee awareness / environmental induction program. Plan footprint to avoid sensitive wildlife areas. Minimize footprint of facilities. Limit dust production - dust suppressants on roads. Maintaining equipment to limit noise production. Surveys prior to blasts to limit disturbance if caribou present. Speed limits to minimize the chance of collisions with wildlife and noise. Vehicles must give wildlife the right of way. Drivers to stay in their vehicles when caribou present so not to disturb caribou. TMAC has a no hunting policy for all personnel while working on site. Identify locations of the AWR with Elders for caribou crossing structures to facilitate crossing for wildlife. Snow management on roads. Helicopters to avoid caribou by at least 300 m vertically and 600 m horizontally where safe to do so. Fixed-wing aircraft to maintain a minimum of 610 m elevation except when landing or taking off where safe to do so. | <ul style="list-style-type: none"> There were moderate levels of caribou observations at cameras recorded across the monitoring period from June 2016 to September 2022, with an increase in caribou occupancy across the Study Area since 2019. Statistical analysis indicated that there was a significant difference in caribou occupancy between the Treatment and Control zones. However, models account for occupancy at cameras rather than the number of caribou events recorded by zone. In recent years, caribou events have become more common at some specific cameras in the Treatment zone near site roads and camp facilities, where caribou have been frequenting since roughly 2019 during peak biting insect season. Accounting for the influx of caribou events in the Treatment zone, camera data do not currently indicate caribou avoidance of Project infrastructure. Models will be updated in future years to account for caribou activity according to the number of events. Four caribou interactions occurred in 2022 to deter animals from the airstrip when a plane was approaching. | <ul style="list-style-type: none"> Habitat loss. Disturbance. | Not significant | <ul style="list-style-type: none"> Section 3.4 and Caribou in the 2022 Wildlife Mitigation and Monitoring Plan Compliance Report (ERM 2023a), Appendix D-3 of the 2022 NIRB Annual Report Wildlife Mitigation and Monitoring Plan (Agnico 2023b) |
| | Muskox | <ul style="list-style-type: none"> Habitat loss Disturbance Disruption of Movement Attraction to the Project Direct Mortality Increased Access and Harvest Changes in Environmental Media Quality | <ul style="list-style-type: none"> Employee awareness / environmental induction program. Plan footprint to avoid sensitive wildlife areas. Minimize footprint of facilities. Limit dust production - dust suppressants on roads. Maintaining equipment to limit noise production. Surveys prior to blasts to limit disturbance if muskox present. Speed limits to minimize the chance of collisions with wildlife. Vehicles must give wildlife the right of way. Drivers to stay in their vehicles when wildlife present. TMAC has a no hunting policy for all personnel while working on site. Identify locations of road embankment along AWR with Elders and hunters that could be graded to facilitate crossing for wildlife. Snow management on roads. Helicopters to avoid muskox by at least 300 m vertically and 600 m horizontally where safe to do so. Fixed-wing aircraft to maintain a minimum of 610 m elevation except when landing or taking off where safe to do so. | <ul style="list-style-type: none"> Detections of muskox by wildlife cameras are rare. Five muskox events were recorded during the recent monitoring period from 2020 to 2022, though no events occurred in 2021. Three events occurred in the Treatment zone while the ZOI and Control zone cameras each had one event recorded. Due to the small sample size and limited years with observations, statistical analysis on muskox occupancy near the Project was not conducted. The raw data indicate that muskox are more commonly observed in the Treatment zone, nearest Project Infrastructure, and are therefore not likely avoiding the Project. There were no interactions or incidents with muskox in 2022. | <ul style="list-style-type: none"> Habitat loss. Disturbance. | Not significant | <ul style="list-style-type: none"> Section 3.5 Muskox in the 2022 Wildlife Mitigation and Monitoring Plan Compliance Report (ERM 2022a), Appendix D-3 of the 2022 NIRB Annual Report Wildlife Mitigation and Monitoring Plan (Agnico 2023b) |

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Table 8-2. Summary of Madrid-Boston Residual Effects, and Monitoring Program under Project Certificate No. 009 (continued)

| Subject Area | Value Component | Potential Effect(s) | Mitigation Measures | Monitoring Results | Predicted Residual Effect(s) | Significance Rating | Reference/Commentary |
|--|------------------------|--|---|---|---|---------------------|---|
| Terrestrial Wildlife and Wildlife Habitat (cont'd) | Grizzly Bear | <ul style="list-style-type: none"> Habitat loss Disturbance Disruption of Movement Attraction to the Project Direct Mortality Increased Access and Harvest Changes in Environmental Media Quality | <ul style="list-style-type: none"> Employee awareness / environmental induction program. Plan footprint to avoid sensitive wildlife areas. Minimize footprint of facilities. Limit dust production - dust suppressants on roads. Maintaining equipment to limit noise production. Surveys prior to blasts to limit disturbance if bears present. Speed limits to minimize the chance of collisions with wildlife. Vehicles must give wildlife the right of way. Drivers to stay in their vehicles when wildlife present. TMAC has a no hunting policy for all personnel while working on site. Identify locations of road embankment along AWR that could be graded to facilitate crossing for wildlife. Snow management on roads. Fixed-wing aircraft to maintain a minimum of 610 m elevation except when landing or taking off where safe to do so. Waste management, camp hygiene along with employee education will limit the attractiveness of the Project for bears. | <ul style="list-style-type: none"> Statistical analyses indicated that the chance of detecting a grizzly bear at Treatment cameras was no different than at Control cameras, suggesting that the Project is not influencing the distribution of grizzly bears by either attraction to or by avoidance of the Project. Current management practices, such as waste management practices and responses to grizzly bear interactions and incidents, appear to be effective at reducing potential Project effects to grizzly bears. Given that there were no differences in the predicted number of grizzly bear events between Treatment and Control cameras, a secondary analysis for a potential ZOI was not necessary. | <ul style="list-style-type: none"> Habitat loss. Attraction to the Project. | Not significant | <ul style="list-style-type: none"> Section 3.6 Grizzly Bear in the 2022 Wildlife Mitigation and Monitoring Plan Compliance Report (ERM 2023a), Appendix D-3 of the 2022 NIRB Annual Report Wildlife Mitigation and Monitoring Plan (Agnico 2023b) |
| | Furbearers (Wolverine) | <ul style="list-style-type: none"> Habitat loss Disturbance Disruption of Movement Attraction to the Project Direct Mortality Increased Access and Harvest Changes in Environmental Media Quality | <ul style="list-style-type: none"> Employee awareness / environmental induction program. Plan footprint to avoid sensitive wildlife areas. Minimize footprint of facilities. Limit dust production - dust suppressants on roads. Maintaining equipment to limit noise production. Speed limits to minimize the chance of collisions with wildlife. Vehicles must give wildlife the right of way. TMAC has a no hunting policy for all personnel while working on site. Identify locations of road embankment along AWR that could be graded to facilitate crossing for wildlife. Snow management on roads. Fixed-wing aircraft to maintain a minimum of 610 m elevation except when landing or taking off where safe to do so. Waste management, camp hygiene along with employee education will limit the attractiveness of the Project for furbearers. | <ul style="list-style-type: none"> Wolverine were recorded in low numbers throughout the Study Area (i.e., across all camera zones) during recent years (2020 to 2022). Events were recorded in similar numbers to previous monitoring years, with 27 wolverine events recorded during the recent monitoring period. Almost all wolverine cameras events recorded have been of one individual; a single event in July 2021 was the first time two wolverines have been recorded at once. Statistical analysis of wolverine occupancy indicated that wolverine occupancy differed in the Treatment zone compared both the Control zone and the potential ZOI (2 to 10 km from infrastructure). The follow up analysis for a ZOI does not indicate a distinct ZOI cut off. These results suggest that wolverine may avoid infrastructure within close distances (~2 km). This result is consistent with analysis from 2021, however this is only the second year with sufficient wolverine occurrence data to conduct a full analysis. Additional years of data collection will improve the accuracy of analysis results. There were no interactions or incidents with furbearers in 2022. | <ul style="list-style-type: none"> Habitat loss. Attraction to the Project. | Not significant | <ul style="list-style-type: none"> Sections 3.7 Wolverine in the 2022 Wildlife Mitigation and Monitoring Plan Compliance Report (ERM 2023a), Appendix D-3 of the 2023 NIRB Annual Report Wildlife Mitigation and Monitoring Plan (Agnico 2023b) |

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Table 8-2. Summary of Madrid-Boston Residual Effects, and Monitoring Program under Project Certificate No. 009 (continued)

| Subject Area | Value Component | Potential Effect(s) | Mitigation Measures | Monitoring Results | Predicted Residual Effect(s) | Significance Rating | Reference/Commentary |
|--|---------------------------|--|--|--|--|---------------------|---|
| Terrestrial Wildlife and Wildlife Habitat (cont'd) | Raptors | <ul style="list-style-type: none"> Habitat loss Disturbance Attraction to the Project Direct Mortality Changes in Environmental Media Quality | <ul style="list-style-type: none"> Employee awareness / environmental induction program. Minimize footprint of facilities. Clearing and construction at sensitive locations for ground-nesting raptors to occur outside of the sensitive time periods (breeding period) or to be accompanied by nest survey during sensitive periods. Avoidance of known nests or nesting areas, where possible. | <ul style="list-style-type: none"> No construction of the Madrid North area occurred in 2022 and as such no pre-construction surveys were conducted. Peregrine falcon was the only species of conservation concern recorded at the Project in 2022, from incidental wildlife sightings reports. Nest predators (common raven) were recorded at the facility in low frequencies between May 15 and August 15. Events were generally consistent across all camera zones and all monitoring months (May – August). There is no evidence that nest predators are more common closer to the Project area. One mortality of a snowy owl occurred in 2021, likely due to predation based on carcass condition. The incident was reported to the KIA, NIRB, GN DoE, and ECCC. An empty raven nest was identified on a satellite dish in Boston Camp and was relocated to end of the Boston Runway with a permit from the GN. | <ul style="list-style-type: none"> Habitat loss. Disturbance. | Not significant | <ul style="list-style-type: none"> Sections 3.11 Raptors in the 2022 Wildlife Mitigation and Monitoring Plan Compliance Report (ERM 2023a), Appendix D-3 of the 2022 NIRB Annual Report Wildlife Mitigation and Monitoring Plan (Agnico 2023b) |
| | Waterbirds and Shorebirds | <ul style="list-style-type: none"> Habitat loss Disturbance Attraction to the Project Direct Mortality Increased Access and Harvest Changes in Environmental Media Quality | <ul style="list-style-type: none"> Employee awareness / environmental induction program. Minimize footprint of facilities. Conduct ground clearing outside of sensitive nesting periods for waterbirds or conduct pre-clearing surveys for waterbirds if construction cannot be scheduled outside of sensitive period policies that prohibit hunting on site, littering, and feeding wildlife. Speed limits, giving wildlife the right of way, and dust control on roads. Avoidance of areas of large concentrations of foraging or moulting birds. Avoidance of known nests or nesting areas. | <ul style="list-style-type: none"> Water quality at the TIA was monitored weekly and did not exceed relevant CCME guidelines, so no ecological risk assessment was conducted. Waterbirds were monitored via ground surveys established at 15 sites with varying distances from Project infrastructure. Waterbird and upland breeding bird abundance was higher in Control sites (including Ladder sites) compared to Potential Impact sites, however, the number of species across sites was the same for Control and Potential Impact sites. Potential Impact sites had four species recorded breeding within plot (confirmed with nests or young), while Control sites had two species recording breeding. This is the first year of ground monitoring for waterbirds, and more years of data are needed to establish trends in waterbird abundance and species diversity. No waterbird interactions, incidents or mortalities occurred in 2022. | <ul style="list-style-type: none"> Habitat loss. Disturbance. Disruption of movement. | Not significant | <ul style="list-style-type: none"> Section 3.10 Waterbirds and Shorebirds of the 2022 Wildlife Mitigation and Monitoring Plan Compliance Report (ERM 2023a), Appendix D-3 of the 2022 NIRB Annual Report Wildlife Mitigation and Monitoring Plan (Agnico 2023b) Addresses Madrid-Boston Final Hearing Commitment 31, Term and Condition 26 |

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Table 8-2. Summary of Madrid-Boston Residual Effects, and Monitoring Program under Project Certificate No. 009 (continued)

| Subject Area | Value Component | Potential Effect(s) | Mitigation Measures | Monitoring Results | Predicted Residual Effect(s) | Significance Rating | Reference/Commentary |
|--|------------------------|--|---|---|---|---------------------|--|
| Terrestrial Wildlife and Wildlife Habitat (cont'd) | Upland Birds | <ul style="list-style-type: none"> Habitat loss Disturbance Attraction to the Project Direct Mortality Increased Access and Harvest Changes in Environmental Media Quality | <ul style="list-style-type: none"> Employee awareness / environmental induction program. Minimize footprint of facilities. Conducting ground clearing outside of sensitive nesting periods for upland birds or conduct pre-clearing surveys for upland breeding birds if construction cannot be scheduled outside of sensitive periods. Ensure that waste management facilities and Project buildings are wildlife-proof. Policies that prohibit hunting on site, littering, and feeding wildlife. Speed limits, giving wildlife the right of way, and dust control on roads. Avoidance of known nests or nesting areas. | <ul style="list-style-type: none"> No pre-clearing surveys for nesting birds were conducted in 2022 because no new areas were cleared during the bird breeding season. Ground-based surveys following the Program for Regional and International Shorebird Monitoring (PRISM) protocol were completed in 2022. PRISM surveys were completed at 12 high priority plots designated by CWS. Twenty-one species were detected during PRISM surveys with another ten species recorded incidentally outside of the survey areas or time. Shorebirds were present in half of plots, with five shorebird nests recorded. Lapland longspur and savannah sparrow were the most common species. Hoary redpoll and red-necked phalarope were the only upland breeding bird species of conservation concern recorded in 2022; Hoary redpoll is listed as vulnerable species in Nunavut (CESCC 2016) but is not federally listed. Red-necked phalarope is listed as Special Concern by COSEWIC (COSEWIC 2015) and under Schedule 1 of the SARA (Government of Canada 2021a). One mortality incident of an unspecified ptarmigan occurred in 2022. The mortality is believed to have been caused by a collision with a vehicle. The incident was reported to the KIA, NIRB, GN DoE, and ECCC. | <ul style="list-style-type: none"> Habitat loss. Disturbance. Disruption of movement. | Not significant | <ul style="list-style-type: none"> Section 3.9 Upland Breeding Birds of the 2022 Wildlife Mitigation and Monitoring Plan Compliance Report (ERM 2023a), Appendix D-3 of the 2022 NIRB Annual Report Wildlife Mitigation and Monitoring Plan (Agnico 2023b) |
| Surface hydrology | Surface water quantity | <ul style="list-style-type: none"> Alteration of Streamflow at Doris Watershed Alteration of Streamflow at Windy Watershed Alteration of Streamflow at Aimaokatalok Watershed | <ul style="list-style-type: none"> Using existing infrastructure and minimizing footprint and contact water. Recycling and reusing contact water. Following permit conditions for water withdrawals. Contact water storage facilities designed for high flows. Incorporation of climate change in design flows. Implementation of erosion control measures. Adherence to regulatory requirements for culvert maintenance and in-water work. Monitoring ponds and the TIA. Using groundwater to reduce freshwater consumption. | <ul style="list-style-type: none"> Lake levels, and lake outflows where applicable, for eight water bodies were monitored as part of the Aquatic Effects Monitoring Program (AEMP). Monitoring results indicated that lake levels and outflow were within natural variation of previously collected baseline data. | <ul style="list-style-type: none"> Alteration of streamflow in Doris Watershed. Alteration of streamflow in Windy Watershed. Alteration of streamflow in Aimaokatalok Watershed. | Not significant | <ul style="list-style-type: none"> 2022 Aquatic Effects Monitoring Program Report (ERM 2023c), Appendix D-4 of the 2022 NIRB Annual Report |

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Table 8-2. Summary of Madrid-Boston Residual Effects, and Monitoring Program under Project Certificate No. 009 (continued)

| Subject Area | Value Component | Potential Effect(s) | Mitigation Measures | Monitoring Results | Predicted Residual Effect(s) | Significance Rating | Reference/Commentary |
|-----------------------------|-----------------------|--|---|---|---|---------------------|--|
| Freshwater Water Quality | Surface water quality | <ul style="list-style-type: none"> Site Preparation, Construction, and Decommissioning Site and Mine Contact Water Water Use Quarries and Borrow Pits Explosives Fuels, Oils, and PAH Treated Sewage Discharge Dust Deposition | <ul style="list-style-type: none"> Use existing infrastructure for Doris Project and minimize footprint of Madrid-Boston infrastructure. Build on competent bedrock and use geochemically stable rock for roads, pads, and structures. Recycle site and mine water. Adhere to Federal and Territorial standards for emissions, in-water works, explosives, and receiving water criteria. Follow BMPs outlined in site management plans, including the Madrid-Boston Aquatic Effects Monitoring Plan (AEMP). Treat sewage and mine water as appropriate and discharge to tundra or waterbodies as required by regulations and permits. Implement sediment and erosion control measures to reduce over-land water flow and direct water to management structures. Store fuels and petroleum in secondary containment systems with appropriate spill contingencies in place. Regular inspections of management structures and adherence to site surveillance plans as directed by Water Licences. | <ul style="list-style-type: none"> 2022 was the fourth year of implementation of the Belt-wide Hope Bay Project Aquatic Effects Monitoring Plan (TMAC 2018a). The goals of the Aquatic Effects Monitoring Program (AEMP) are to evaluate potential Project effects on the surrounding freshwater environment during the construction and operation of the Project and verify predictions from the Madrid-Boston FEIS. The 2022 AEMP included water quality monitoring in lakes near the Doris (Doris Lake) and Madrid North (Patch and Windy lakes) developments because of construction and/or operations activities occurring in these developments. Lakes associated with the Madrid South and Boston developments will be incorporated into the AEMP once construction begins in these developments. 2022 water quality data from Doris, Windy, and Patch lakes were compared to baseline conditions and to trends in the reference lake (Reference Lake B) to determine whether there was evidence of any Project-related changes to surface water quality. The AEMP found no evidence of any Project-related effects to freshwater water quality in these lakes, and no water quality variables exceeded CCME guidelines for the protection of aquatic life as a result of Project-related activities. | <ul style="list-style-type: none"> Site Preparation, Construction, and Decommissioning. Site and Mine Contact Water. Explosives. | Not Significant | <ul style="list-style-type: none"> Hope Bay Project: Aquatic Effects Monitoring Plan (TMAC 2018a) Section 3.3 of the 2022 Aquatic Effects Monitoring Program Report (ERM 2023c), Appendix D-4 of the 2022 NIRB Annual Report |
| Freshwater Sediment Quality | Sediment quality | <ul style="list-style-type: none"> Site Preparation, Construction, and Decommissioning Site and Mine Contact Water Quarries and Borrow Pits Explosives Fuels, Oils, and PAH Treated Sewage Discharge Dust Deposition | <ul style="list-style-type: none"> Same as Freshwater Water Quality. | <ul style="list-style-type: none"> 2022 was the fourth year of implementation of the Belt-wide Hope Bay Project Aquatic Effects Monitoring Plan (TMAC 2018a). The goals of the Aquatic Effects Monitoring Program (AEMP) are to evaluate potential Project effects on the surrounding freshwater environment during the construction and operation of the Project and verify predictions from the Madrid-Boston FEIS. Sediment quality is evaluated every three years according to the monitoring schedule outlined in the Aquatic Effects Monitoring Plan2(TMCA 2018a). The 2022 AEMP included sediment quality monitoring in lakes near the Doris (Doris Lake) and Madrid North (Patch Lake) developments because of construction and/or operations activities occurring in these developments. 2022 sediment quality data from Doris and Patch lakes were compared to baseline conditions and to trends in the reference lake (Reference Lake B) to determine whether there was evidence of any Project-related changes to surface water quality. The AEMP found no evidence of any Project-related effects to freshwater sediment quality in these lakes, and no sediment quality variables exceeded CCME guidelines for the protection of aquatic life as a result of Project-related activities. | <ul style="list-style-type: none"> Site Preparation, Construction, and Decommissioning. Site and Mine Contact Water. | Not Significant | <ul style="list-style-type: none"> Hope Bay Project: Aquatic Effects Monitoring Plan (TMAC 2018a) Section 3.4 of Hope Bay Project: 2022 Aquatic Effects Monitoring Program Report (ERM 2023c), Appendix D-4 of the 2022 NIRB Annual Report |

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Table 8-2. Summary of Madrid-Boston Residual Effects, and Monitoring Program under Project Certificate No. 009 (continued)

| Subject Area | Value Component | Potential Effect(s) | Mitigation Measures | Monitoring Results | Predicted Residual Effect(s) | Significance Rating | Reference/Commentary |
|---|---|---|--|--|------------------------------|---------------------|---|
| Freshwater Fish | Fish habitat | <ul style="list-style-type: none"> Habitat loss or alteration | <ul style="list-style-type: none"> DFO's Measures to Protect Fish and Fish Habitat. Restricted Activity Timing Windows. Management plans including Environmental Protection Plan. Infrastructure sited to avoid fish-bearing habitat where possible. Infrastructure design minimizes footprint and avoids critical freshwater fish habitat. Design of crossing structures to maintain fish passage at water crossings along all-weather roads. Limiting water withdrawal by recycling water, limiting groundwater inflows, and returning compliant effluent to waterbodies from which they were withdrawn. Fisheries offsetting measure as deemed necessary and approved by DFO. | <ul style="list-style-type: none"> There has been no alteration or loss of fish or fish habitat, nor a <i>Fisheries Act</i> Authorization granted for predicted effects on fish and fish habitat by the Project. A monitoring program will be approved during the <i>Fisheries Act</i> Authorization process. No culverts have been constructed. A DFO request for review will be completed prior to any culvert construction on fish bearing waters outlining mitigation and monitoring requirements. | None predicted | Not Significant - | <ul style="list-style-type: none"> DFO's Measures to Protect Fish and Fish Habitat: https://www.dfo-mpo.gc.ca/pnw-ppe/measures-mesures-eng.html |
| | | <ul style="list-style-type: none"> Changes in freshwater water quality and/or sediment quality | <ul style="list-style-type: none"> See Freshwater Water Quality and Freshwater Sediment Quality. | | None predicted | Not Significant - | |
| Fish community: Arctic Grayling | Direct mortality and population abundance | <ul style="list-style-type: none"> Direct mortality and population abundance | <ul style="list-style-type: none"> DFO's Measures to Protect Fish and Fish Habitat. Restricted Activity Timing Windows. Screening water intakes and discharge pipes to avoid entrainment or impingement of fish. Noise and vibration thresholds for blasting activities. | <ul style="list-style-type: none"> There has been no alteration or loss of fish or fish habitat, nor a <i>Fisheries Act</i> Authorization granted for predicted effects on fish and fish habitat by the Project. A monitoring program will be approved during the <i>Fisheries Act</i> Authorization process. No culverts have been constructed. A DFO request for review will be completed prior to any culvert construction on fish bearing waters outlining mitigation and monitoring requirements. | None predicted | Not Significant - | <ul style="list-style-type: none"> Hope Bay Project Noise Abatement and Monitoring Plan (TMAC 2018c) DFO's Measures to Protect Fish and Fish Habitat: https://www.dfo-mpo.gc.ca/pnw-ppe/measures-mesures-eng.html |
| | | <ul style="list-style-type: none"> Changes in freshwater water quality and/or sediment quality | <ul style="list-style-type: none"> See Freshwater Water Quality and Freshwater Sediment Quality. | | None predicted | Not Significant - | |
| Fish community: Lake Trout | Direct mortality and population abundance | <ul style="list-style-type: none"> Direct mortality and population abundance | <ul style="list-style-type: none"> DFO's Measures to Protect Fish and Fish Habitat. Restricted Activity Timing Windows. Screening water intakes and discharge pipes to avoid entrainment or impingement of fish. Noise and vibration thresholds for blasting activities. | <ul style="list-style-type: none"> There has been no alteration or loss of fish or fish habitat, nor a <i>Fisheries Act</i> Authorization granted for predicted effects on fish and fish habitat by the Project. A monitoring program will be approved during the <i>Fisheries Act</i> Authorization process. No culverts have been constructed. A DFO request for review will be completed prior to any culvert construction on fish bearing waters outlining mitigation and monitoring requirements. | None predicted | Not Significant - | <ul style="list-style-type: none"> Hope Bay Project Noise Abatement and Monitoring Plan (TMAC 2018c) DFO's Measures to Protect Fish and Fish Habitat: https://www.dfo-mpo.gc.ca/pnw-ppe/measures-mesures-eng.html |
| | | <ul style="list-style-type: none"> Changes in freshwater water quality and/or sediment quality | <ul style="list-style-type: none"> See Freshwater Water Quality and Freshwater Sediment Quality. | | None predicted | Not Significant - | |
| Fish community: Arctic Char (freshwater life history) | Direct mortality and population abundance | <ul style="list-style-type: none"> Direct mortality and population abundance | <ul style="list-style-type: none"> DFO's Measures to Protect Fish and Fish Habitat. Restricted Activity Timing Windows. Screening water intakes and discharge pipes to avoid entrainment or impingement of fish. Noise and vibration thresholds for blasting activities. | <ul style="list-style-type: none"> There has been no alteration or loss of fish or fish habitat, nor a <i>Fisheries Act</i> Authorization granted for predicted effects on fish and fish habitat by the Project. A monitoring program will be approved during the <i>Fisheries Act</i> Authorization process. No culverts have been constructed. A DFO request for review will be completed prior to any culvert construction on fish bearing waters outlining mitigation and monitoring requirements. | None predicted | Not Significant - | <ul style="list-style-type: none"> Hope Bay Project Noise Abatement and Monitoring Plan (TMAC 2018c) DFO's Measures to Protect Fish and Fish Habitat: https://www.dfo-mpo.gc.ca/pnw-ppe/measures-mesures-eng.html |
| | | <ul style="list-style-type: none"> Changes in freshwater water quality and/or sediment quality | <ul style="list-style-type: none"> See Freshwater Water Quality and Freshwater Sediment Quality. | | None predicted | Not Significant | |

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Table 8-2. Summary of Madrid-Boston Residual Effects, and Monitoring Program under Project Certificate No. 009 (continued)

| Subject Area | Value Component | Potential Effect(s) | Mitigation Measures | Monitoring Results | Predicted Residual Effect(s) | Significance Rating | Reference/Commentary |
|------------------------------------|--|---|--|---|---|---------------------|--|
| Freshwater Fish <i>(cont'd)</i> | Fish community: Cisco/ Whitefish (freshwater life histories) | <ul style="list-style-type: none"> Direct mortality and population abundance | <ul style="list-style-type: none"> DFO's Measures to Protect Fish and Fish Habitat. Restricted Activity Timing Windows. Screening water intakes and discharge pipes to avoid entrainment or impingement of fish. Noise and vibration thresholds for blasting activities. | <ul style="list-style-type: none"> There has been no alteration or loss of fish or fish habitat, nor a <i>Fisheries Act</i> Authorization granted for predicted effects on fish and fish habitat by the Project. A monitoring program will be approved during the <i>Fisheries Act</i> Authorization process. No culverts have been constructed. A DFO request for review will be completed prior to any culvert construction on fish bearing waters outlining mitigation and monitoring requirements. | None predicted | Not Significant - | <ul style="list-style-type: none"> Hope Bay Project Noise Abatement and Monitoring Plan (TMAC 2018c) DFO's Measures to Protect Fish and Fish Habitat https://www.dfo-mpo.gc.ca/pnw-ppe/measures-mesures-eng.html |
| | | <ul style="list-style-type: none"> Changes in freshwater water quality and/or sediment quality | <ul style="list-style-type: none"> See Freshwater Water Quality and Freshwater Sediment Quality. | <ul style="list-style-type: none"> None predicted | Not Significant - | | |
| Marine Water Quality | Marine water quality | <ul style="list-style-type: none"> Marine resupply (i.e., sealifts) Site Preparation, Construction, and Decommissioning Site Contact Water Fuels, Oils, and PAH Discharge Dust Deposition | <ul style="list-style-type: none"> Use existing infrastructure for Doris Project and minimize footprint of Madrid-Boston infrastructure. Build on competent bedrock and use geochemically stable rock for roads, pads, and structures. Discharge TIA to Roberts Bay mainly during open-water season. Discharge buoyant TIA and groundwater to Roberts Bay. Adhere to Federal and Territorial standards for emissions, in-water works including DFO authorization, explosives, and receiving water criteria. Follow BMPs outlined in site management plans. Implement sediment and erosion control measures to reduce over-land water flow and direct water to management structures. Monitor marine environment through Metal Mining Effluent Regulations and Environmental Effects Monitoring therein. Follow mitigation, management, monitoring procedures as outlined in Fisheries Authorizations and permits. Store fuels and petroleum in secondary containment systems with appropriate spill contingencies in place. Regular inspections of management structures. | <ul style="list-style-type: none"> Baseline marine water quality data were collected in April 2018, at ten sites within Roberts Bay (six near-field sampling sites and four far-field reference sites) to supplement data collected in 2016 and 2017. Monitoring of marine water quality was conducted as outlined in the MDMER and an Environment Effects Monitoring program was established in Roberts Bay in 2020 to assess the effects of effluent discharge on marine water quality. In 2022, effluent characterization monitoring, sublethal toxicity testing and water quality monitoring data at exposure and reference areas was conducted as outlined in MDMER. No non-compliances of the authorized limits set out in Schedule 4 of MDMER occurred in 2022. No effluent samples were determined to be acutely lethal in 2022. An interpretive report was submitted to ECCC before February 1, 2023 (i.e., 36 months after the day the mine became subject to the MDMER). | <ul style="list-style-type: none"> Site Preparation, Construction, and Decommissioning. Site Contact Water. Discharge. | Not Significant | <ul style="list-style-type: none"> Doris Project: 2016 to 2018 Roberts Bay Oceanography and Marine Fisheries Baseline Report (ERM 2018d) Section 3.2 of 2022 NIRB Annual Monitoring Report Hope Bay Effluent Monitoring Reports, Appendix F of 2022 NIRB Annual Monitoring Report Agnico Eagle -Hope Bay Mine Phase 1 Environmental Effects Monitoring Interpretive Report (2022), Appendix G of the 2022 NIRB Annual Monitoring Report. |
| Marine Sediment Quality | Marine sediment quality | <ul style="list-style-type: none"> Shipping Site Preparation, Construction, and Decommissioning Site Contact Water Fuels, Oils, and PAH Discharge Dust Deposition | <ul style="list-style-type: none"> Same as Marine Water Quality. | <ul style="list-style-type: none"> No additional marine sediment quality baseline data were collected in 2020, as sufficient baseline data were collected in 2016 and 2017. Marine sediment quality monitoring and reporting will be informed by MDMER Environmental Effects Monitoring. No sediment quality monitoring was required to be conducted in 2022. | <ul style="list-style-type: none"> Shipping Site Preparation, Construction, and Decommissioning. | Not Significant | <ul style="list-style-type: none"> Doris Project: 2016 to 2018 Roberts Bay Oceanography and Marine Fisheries Baseline Report (ERM 2018d) |

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Table 8-2. Summary of Madrid-Boston Residual Effects, and Monitoring Program under Project Certificate No. 009 (continued)

| Subject Area | Value Component | Potential Effect(s) | Mitigation Measures | Monitoring Results | Predicted Residual Effect(s) | Significance Rating | Reference/Commentary |
|--------------|---|---|---|--|------------------------------|---------------------|--|
| Marine Fish | Fish Habitat | <ul style="list-style-type: none"> Habitat loss or alteration | <ul style="list-style-type: none"> DFO's Measures to Protect Fish and Fish Habitat. In-water infrastructure incorporates self-offsetting design considerations by including the use of large, three-dimensional substrates where feasible, and avoids critical marine fish habitat. Restricted Activity Timing Windows. Management plans including Environmental Protection Plan. Fisheries offsetting measures as deemed necessary and approved by DFO. | <ul style="list-style-type: none"> Marine fish habitat monitoring did not occur in 2022. No construction within the marine environment occurred in 2022. | None predicted | Not Significant | N/A |
| | | <ul style="list-style-type: none"> Changes to marine water quality and marine sediment quality | <ul style="list-style-type: none"> Use of vibratory hammer during dock construction. Minimize vessel speeds in Roberts Bay. See Marine Water Quality and Marine Sediment Quality. | | None predicted | Not significant | <ul style="list-style-type: none"> Hope Bay Project Noise Abatement and Monitoring Plan (TMAC 2018c) DFO's Measures to Protect Fish and Fish Habitat https://www.dfo-mpo.gc.ca/pnw-ppe/measures-mesures-eng.html |
| | Fish community: Arctic Char (anadromous life history) | <ul style="list-style-type: none"> Direct mortality and population abundance | <ul style="list-style-type: none"> DFO's Measures to Protect Fish and Fish Habitat. Blasting and noise thresholds and associated monitoring. Site management plans including Environmental Protection Plan. | <ul style="list-style-type: none"> Marine fish community monitoring did not occur in 2022. No construction within the marine environment occurred in 2022. | None predicted | Not significant | <ul style="list-style-type: none"> Hope Bay Project Noise Abatement and Monitoring Plan (TMAC 2018c) DFO's Measures to Protect Fish and Fish Habitat https://www.dfo-mpo.gc.ca/pnw-ppe/measures-mesures-eng.html |
| | | <ul style="list-style-type: none"> Changes to marine water quality and marine sediment quality | <ul style="list-style-type: none"> See Marine Water Quality and Marine Sediment Quality. | | None predicted | Not significant | |
| | Fish community: Saffron Cod | <ul style="list-style-type: none"> Direct mortality and population abundance | <ul style="list-style-type: none"> DFO's Measures to Protect Fish and Fish Habitat. Blasting and noise thresholds and associated monitoring. Site management plans including Environmental Protection Plan. | <ul style="list-style-type: none"> Marine fish community monitoring did not occur in 2022. No construction within the marine environment occurred in 2022. | None predicted | Not significant - | <ul style="list-style-type: none"> Hope Bay Project Noise Abatement and Monitoring Plan (TMAC 2018c) DFO's Measures to Protect Fish and Fish Habitat https://www.dfo-mpo.gc.ca/pnw-ppe/measures-mesures-eng.html |
| | | <ul style="list-style-type: none"> Change in marine water quality and marine sediment quality | <ul style="list-style-type: none"> See Marine Water Quality and Marine Sediment Quality. | | None predicted | Not significant | |

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Table 8-2. Summary of Madrid-Boston Residual Effects, and Monitoring Program under Project Certificate No. 009 (continued)

| Subject Area | Value Component | Potential Effect(s) | Mitigation Measures | Monitoring Results | Predicted Residual Effect(s) | Significance Rating | Reference/Commentary |
|-----------------|-----------------|--|---|---|------------------------------|---------------------|--|
| Marine Wildlife | Ringed seal | <ul style="list-style-type: none"> Habitat loss | <ul style="list-style-type: none"> Infrastructure design minimized footprint in marine habitat and avoided marine mammal haul-outs. Open-water season shipping only (no winter shipping). | <ul style="list-style-type: none"> The dock at Roberts Bay was not constructed in 2022 and no monitoring for marine mammals was conducted. | None predicted | Not significant | N/A |
| | | <ul style="list-style-type: none"> Disturbance | <ul style="list-style-type: none"> Marine Mammal Observer Program in 200 m zone. Stop pile driving if marine mammals inside zone. Use of vibratory pile driving instead of impact pile driving where possible. Acoustic monitoring of pile driving activity. Establish underwater noise thresholds for piling activities with additional measures triggered if thresholds exceeded. Establish Soft Start Procedures for pile driving. | | None predicted | Not significant | |
| | | <ul style="list-style-type: none"> Direct mortality | <ul style="list-style-type: none"> Speed limit on the Roberts Bay facility in case ringed seals haul out. Wastes managed to avoid introduction to marine environment. Wildlife given the right-of-way on all roads. Management practices will be used to manage fuels, hazardous materials to prevent spills, and to contain and clean up spills to the marine environment. | | None predicted | Not significant | |
| | Marine birds | <ul style="list-style-type: none"> Habitat loss | <ul style="list-style-type: none"> Infrastructure design minimized footprint in marine habitat. | <ul style="list-style-type: none"> Noise monitoring for marine mammals will occur during dock construction; no construction occurred on the dock in 2022. | None predicted | Not significant | <ul style="list-style-type: none"> Section 3.12 Marine Mammals of the 2022 Wildlife Mitigation and Monitoring Plan Compliance Report (ERM 2023a), Appendix D-3 of the 2022 NIRB Annual Report Wildlife Mitigation and Monitoring Plan (Agnico 2023b) Hope Bay Project Shipping Management Plan (Agnico 2023c) |
| | | <ul style="list-style-type: none"> Disturbance | <ul style="list-style-type: none"> Vessels will avoid the large marine bird colony on Prince Leopold Island by 25 km, vessel safety permitting. Vessels will avoid other bird colonies by at least 500 m, vessel safety permitting. Vessels will monitor for large groups of marine birds and avoid, vessel safety permitting. | <ul style="list-style-type: none"> Initial monitoring for marine mammals during shipping activities in Roberts Bay was conducted in 2022. In total, 16 surveys in September recorded two seals exhibiting normal behaviour during shipping activity in the Bay. A full monitoring program will begin in 2023 based on the updated 2023 Shipping Management Plan. | None predicted | Not significant | |
| | | <ul style="list-style-type: none"> Direct mortality | <ul style="list-style-type: none"> Airstrips monitored prior to take-off and landings. Speed limits on Project roads. Wildlife given the right-of-way on all roads. Management practices will be used to manage fuels, hazardous materials to prevent spills, and to contain and clean up spills to the marine environment. | <ul style="list-style-type: none"> No marine wildlife incidents or incidental sightings were reported along shipping routes. Vessel tracks from 2022 were summarized to confirm that mitigations for setbacks and designated routes were followed. In 2022, one unknown seal was incidentally reported in July. | None predicted | Not significant | |

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Table 8-2. Summary of Madrid-Boston Residual Effects, and Monitoring Program under Project Certificate No. 009 (continued)

| Subject Area | Value Component | Potential Effect(s) | Mitigation Measures | Monitoring Results | Predicted Residual Effect(s) | Significance Rating | Reference/Commentary |
|-----------------|--|---|---|--|---|---------------------|--|
| Archaeology | Archaeological sites | <ul style="list-style-type: none"> Loss of recorded archaeological sites | <ul style="list-style-type: none"> Detailed recording of surface site content. Consideration of avoidance during project design. Consideration of protection strategies. Periodic monitoring of specific sites. Orientation of field personnel. Implementation of operational procedures. | <ul style="list-style-type: none"> 2021 field program included ground surveys in support of the exploration programs. The focus was on the vicinity of Madrid North and north of Doris mine, and west of the Koignuk River.; completion of mitigation of 2 sites near the Madrid North developments; and detailed assessment and plan mapping of 1 site potentially to be affected in the near future. | <ul style="list-style-type: none"> Effect on recorded archaeological sites. | Not Significant | <ul style="list-style-type: none"> TMAC Hope Bay Project Archaeological Site Status Report 2021 (Points West Heritage Consulting Ltd. 2022a) Appendix D-6 of the 2021 NIRB Annual Report |
| | | <ul style="list-style-type: none"> Loss of unrecorded archaeological sites | <ul style="list-style-type: none"> Surveys before disturbance. Research of TK and other data bases of past cultural information. Surveillance during short term disturbance activities in high archaeological potential areas. Orientation of field personnel. Implementation of operational procedures. | <ul style="list-style-type: none"> Coordinate errors for sties recorded in 1996,1997 and 2000 were revisited. In the process of revisiting the sites 3 sites and 1 reported cache were found and recorded. The entire Hope Bay Project area now has 337 site localities recorded to date. The LSA contains 287 recorded sites, of which 35 sites have already been mitigated by site data recovery as the result of previous project plans over the 20+ years of archaeological investigations, and two more are partly mitigated. | <ul style="list-style-type: none"> Effect on unrecorded archaeological sites. | Not Significant | <ul style="list-style-type: none"> Hope Bay Project, Nunavut: Archaeological Investigation in 2021 Final Permit Report (Points West Heritage Consulting Ltd. 2022b) submitted to the Territorial Archaeologist. Department of Culture and Heritage in February 2022 |
| | | <ul style="list-style-type: none"> Effect on cultural information content of sites | <ul style="list-style-type: none"> Research of TK and other data bases of past cultural information. Orientation of field personnel. Recovery of cultural information from sites that cannot be avoided. Preservation of collected data in museum. | | <ul style="list-style-type: none"> Gain of cultural information content of sites | Not Significant | |
| Socio-Economics | Economic Development | <ul style="list-style-type: none"> Changes to economic growth | <ul style="list-style-type: none"> Monetary contributions to Inuit associations as defined by the new Framework Agreement and IIBA with the KIA. | <ul style="list-style-type: none"> In 2021, Agnico made payments of \$9.0 million to the KIA and NTI to promote the social, economic, and cultural well-being of Inuit in Nunavut. Agnico made direct payments of \$1.4 million in various taxes to the GN; additional benefits were from the purchase of diesel fuel by the Project, with tax paid at the wholesale level. Work on the Hope Bay Project: 2022 Socio-Economic Monitoring Program Report is in progress, and an update for 2022 was not available when this report was being prepared. | None predicted | Not significant | <ul style="list-style-type: none"> Hope Bay Project: 2021 Socio-Economic Monitoring Program (ERM 2022b) |
| | Contracting and Business Opportunities | <ul style="list-style-type: none"> Changes to local business growth | <ul style="list-style-type: none"> IIBA with provisions for promotion of Inuit content in procurement, including requirement to engage Kitikmeot Qualified Businesses and establishment, under certain conditions, of a Business Development Fund. Agnico Liaison to help maximize Kitikmeot Qualified Business procurement by identifying businesses interested in procurement opportunities. Provide assistance, feedback, information and lead time to contractors from the Kitikmeot communities on bids and bidding policies. Require and monitor local content plans on large bids. Provide annual business opportunities forecast. Promote awareness of procurement opportunities within the Kitikmeot Region. | <ul style="list-style-type: none"> The Project has made significant positive contributions to the Kitikmeot and Nunavut economy. Agnico awarded \$65.0 million in contracts to Nunavut businesses, of which, \$62.0 million was awarded to Kitikmeot Qualified Businesses (KQB) as defined under the Hope Bay IIBA. An estimated 32% of the total value of contracts awarded by Agnico was awarded to Nunavut businesses in 2021. In 2021, there were 83 registered Inuit Firms in the Kitikmeot region of which 29 were KQB. Many businesses in the Kitikmeot region provide mining services. The development of these businesses may have been supported by the Project or by other mining projects and exploration in the region. Work on the Hope Bay Project: 2022 Socio-Economic Monitoring Program Report is in progress, and an update for 2022 was not available when this report was being prepared. | None predicted | Not significant | <ul style="list-style-type: none"> Hope Bay Project: 2021 Socio-Economic Monitoring Program (ERM 2022b) |

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Table 8-2. Summary of Madrid-Boston Residual Effects, and Monitoring Program under Project Certificate No. 009 (continued)

| Subject Area | Value Component | Potential Effect(s) | Mitigation Measures | Monitoring Results | Predicted Residual Effect(s) | Significance Rating | Reference/Commentary |
|-----------------------------|-----------------|--|--|---|--|---------------------|--|
| Socio-Economics (cont'd) | Employment | <ul style="list-style-type: none"> • Changes to employment opportunities and income • Changes to labour force capacity • Competition for local labour | <ul style="list-style-type: none"> • IIBA with provisions for annual Inuit employment targets, first opportunity to resident Kitikmeot Inuit for employment, followed by non-resident Inuit. • Build cultural awareness and understanding of harassment policies. • Promote awareness of employment opportunities within Kitikmeot communities. • Develop and implement a Human Resource Strategy. • Develop and implement a Workforce Transition Plan for Closure. | <ul style="list-style-type: none"> • In March of 2020, Project operations were scaled down and size of the workforce reduced to manage the COVID-19 pandemic and to protect its employees and contractors. The number of workers was 689 in January of 2020, gradually decreasing with the progress of the COVID-19 pandemic and remaining around 300 jobs for Q2, Q3 and Q4 of 2020. The total number of all workers in 2020 was 937. Reduced operations continued throughout 2021; the Project provided 386 to 519 jobs in 2021, with up to 215 workers on site at any time. • In 2021, there were three Kitikmeot Inuit working at the Project, up to nine Inuit from outside of the Kitikmeot region. As measured by workforce effort (total hours worked), Inuit employment at the Project represented about 3% of the total. • In 2021, women comprised about 10% of the total workforce (by hours worked). Workforce effort by Inuit women was 6,842 hours, or 1% of total workforce effort. • Significant direct benefits have been realized to Kitikmeot personal incomes as a result of the Project. • For 2020, the total payroll for Inuit direct employees (excluding contractors) is estimated at \$1.8 million; Information for 2021 was not available at the time of writing this report. Payroll for Inuit was impacted in 2020 and in 2021 due to isolations policy that precluded Nunavut-based workforce from working at the Project to prevent the spread of COVID-19 to communities. • Employee turnover rate for Project employees increased in 2020 (35% for all employees, and 40% for Inuit employees). Information for 2021 was not available at the time of writing this report. • Work on the Hope Bay Project: 2022 Socio-Economic Monitoring Program Report is in progress, and an update for 2022 was not available when this report was being prepared. • There were 2 lost time injuries, 4 modified work injuries, 3 medical treatment injuries and 16 first aids in 2021. Agnico is committed to avoiding workplace accidents, and all lost time incidences are investigated, and corrective actions identified and implemented. The company promotes a Zero Harm culture as it believes that all injuries and accidents are preventable. • In 2021, there was no on-the job training due to physical distancing measures implemented at the Project in response to COVID-19 pandemic. • Two apprenticeship positions have been created thus far. Efforts have been hampered due to the challenges registering apprenticeships in other jurisdictions when the apprenticeship is not able to be registered in Nunavut. COVID-19 pandemic further added to these challenges. | <ul style="list-style-type: none"> • Changes to employment opportunities and income. • Competition for local labour. | Not Significant | <ul style="list-style-type: none"> • Hope Bay Project: 2021 Socio-Economic Monitoring Program (ERM 2022b) |

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Table 8-2. Summary of Madrid-Boston Residual Effects, and Monitoring Program under Project Certificate No. 009 (continued)

| Subject Area | Value Component | Potential Effect(s) | Mitigation Measures | Monitoring Results | Predicted Residual Effect(s) | Significance Rating | Reference/Commentary |
|-----------------------------|---|---|---|--|------------------------------|---------------------|--|
| Socio-Economics (cont'd) | Employment (cont'd) | | | <ul style="list-style-type: none"> Inuit employees held a mix of unskilled, semi-skilled and skilled positions, while being underrepresented in professional and management positions. Most Inuit worked in site surface operations and processing plant, and to a lesser degree in Social Responsibility. In 2021, due to continued challenges associated with the COVID-19 pandemic, there was no hiring of workers from Kitikmeot communities, thus no skilled workers left community roles for work at the Project. Work on the Hope Bay Project: 2022 Socio-Economic Monitoring Program Report is in progress, and an update for 2022 was not available when this report was being prepared. | | | |
| | Education and Training | <ul style="list-style-type: none"> Changes to the demand for education and training programs Changes in perceptions of education and employment | <ul style="list-style-type: none"> IIBA with provisions for annual and long-term Inuit training targets, and establishment and administration of a Training and Education Fund. Collaborate with the KIA, government and training organizations. Development of a Human Resource Strategy that addresses training and education. Career Development Plans for Inuit employees. Community Information and Career Awareness Sessions in the Kitikmeot. | <ul style="list-style-type: none"> Support for school-based initiatives including Career Awareness Sessions, High School Awards, and Mining Matters events was postponed in 2020 and 2021 due to COVID-19 pandemic. High school enrollment remained relatively stable in the Kitikmeot region. High school completion in 2017/18 dropped by a half in Cambridge Bay and in Gjoa Haven but increased in Kugluktuk. Information for 2019, 2020, and 2021 was not available at the time of writing this report. Work on the Hope Bay Project: 2022 Socio-Economic Monitoring Program Report is in progress, and an update for 2022 was not available when this report was being prepared. | None predicted | Not significant | <ul style="list-style-type: none"> Hope Bay Project: 2021 Socio-Economic Monitoring Program (ERM 2022b) |
| | Migration, Housing, and Infrastructure and Services | <ul style="list-style-type: none"> In-migration to the Kitikmeot Region Changes to the demand for housing Changes to the demand for local services | <ul style="list-style-type: none"> Multiple points of hire and transportation for Inuit employees, who are residents of Kitikmeot communities, to and from the point of hire and the Project site. Ongoing engagement with communities as defined by the Community Involvement Plan. | <ul style="list-style-type: none"> In 2021, two Kitikmeot Inuit contract employees relocated from Kugluktuk and Gjoa Haven to Edmonton in order to retain Hope Bay employment during the pandemic as Kitikmeot based employees were precluded from working at the Project to prevent the spread of COVID-19 to communities. The Project does not appear to be a driver for population growth. In 2021, the number of people on public housing waitlist decreased Kugaaruk, while it increased in all other communities. The number of people waiting for public housing, however, exceeded the number of available public housing in all communities. Housing status of Project employees is unknown; the housing status survey is to be developed in the coming years, to be led by the Nunavut Housing Corporation. It is unlikely that the Project has contributed to increased demand for public housing. There is no evidence that the Project has resulted in an increased demand on health care services from residents of the Kitikmeot region. The rates of utilization (with the exception of Cambridge Bay in 2014 and Kugaaruk in 2016) remain lower in comparison to the time prior to the Project (e.g., in 2003 or 2004). At the time of writing, community utilization data for 2017 to 2021 have yet to be released by the GN. | None predicted | Not significant | <ul style="list-style-type: none"> Hope Bay Project: 2021 Socio-Economic Monitoring Program (ERM 2022b) |

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Table 8-2. Summary of Madrid-Boston Residual Effects, and Monitoring Program under Project Certificate No. 009 (continued)

| Subject Area | Value Component | Potential Effect(s) | Mitigation Measures | Monitoring Results | Predicted Residual Effect(s) | Significance Rating | Reference/Commentary |
|------------------------------------|--|--|---|--|---|---------------------|--|
| Socio-Economics <i>(cont'd)</i> | Migration, Housing, and Infrastructure and Services <i>(cont'd)</i> | | | <ul style="list-style-type: none"> In 2018 and 2019, there was no use of community emergency medical services, compared to one incident in 2017. In 2020, the Project accessed GN emergency services three times – all incidents being related to COVID-19 pandemic. Similar information for 2021 was not available at the time of writing this report. The Project has not resulted in an increased demand on health care services in Kitikmeot communities as a result of Project-related emergencies. There is no indication that overall crime rates have increased as a result of the Project. A direct correlation between changes in Project-related employment and income, and changes in the demand for police services and crime in the Kitikmeot communities is not evident. Although the number of police calls continues to increase, overall crime rate falls within previously recorded levels. The number of social assistance cases slightly decreased in 2018; information for 2019, 2020 and 2021 was not available at the time of writing this report. Work on the Hope Bay Project: 2022 Socio-Economic Monitoring Program Report is in progress, and an update for 2022 was not available when this report was being prepared. | | | |
| | Community Health and Well-being | <ul style="list-style-type: none"> Changes to family stability Changes to family spending Changes to food security and cost of living | <ul style="list-style-type: none"> IIBA with provisions for Employee and Family Assistance Program (EFAP); serving country foods on site; maintaining a drug and alcohol policy which includes “zero tolerance”; providing on-site access to communications facilities to allow communication between Inuit employees and their spouses and families; and providing country food kitchens and cultural activities at the Project as determined by the Implementation Committee. TMAC Liaison to identify employee counselling needs as appropriate; develop on-going consultation with Inuit employees to identify their needs, issues and concerns; and assist in identifying and developing wellness initiatives. | <ul style="list-style-type: none"> Agnico terminated two Inuit jobs in 2021, the reason for this termination was unknown at the time of writing this report. An EFAP was established in 2014 and continues to be available to Agnico employees. In 2020, there were 17 EFAP cases, with nine of those accessed by Project employees, and the remaining by dependents or spouses. Information for 2021 was not available at the time of writing this report. In 2020, impaired driving violations and the number of assaults increased in the Kitikmeot while drug-related violations continued to decrease. At a community level, Gjoa Haven had decreasing impaired driving violations and assaults. Substantial inter-annual variation in the number of violations makes it difficult to assess the effect of Project income on the number of violations in each community. Information for 2021 was not available at the time of writing this report. The Project does not track the use of the Country Foods Kitchen. Work on the Hope Bay Project: 2022 Socio-Economic Monitoring Program Report is in progress, and an update for 2022 was not available when this report was being prepared. | <ul style="list-style-type: none"> Changes to family stability. Changes to family spending. | Not significant | <ul style="list-style-type: none"> Hope Bay Project: 2021 Socio-Economic Monitoring (ERM 2022b) |

9. Geotechnical Inspection Reports

2022 annual geotechnical inspections required under Hope Bay's Water Licences include the Boston Advanced Exploration Project, the Doris and Madrid Project, and the TIA. The Boston Advanced Exploration Project is an annual requirement in response to Part D, Item 13 of Water Licence 2BB-BOS1727 issued by the NWB on July 26, 2017. The 2022 Doris and Madrid Project Annual Geotechnical Inspection is an annual requirement in response to Part I, Items 9 and 10 of Water Licence 2AM-DOH1335 – Amendment #2. The objective of these geotechnical inspections is to ensure that the Project's surface infrastructure is performing as intended from a geotechnical perspective and in the context of the project site. The emphasis of the inspection is to a large extent ensuring permafrost integrity and the safe operation and maintenance of the site's critical surface infrastructure. Hope Bay is pleased that these inspections were conducted in 2022 despite the pandemic. The annual geotechnical inspection reports for the Boston Advanced Exploration Project, Doris and Madrid Project, and the Doris TIA were submitted to the NWB on April 14, 2023. A copy of the Hope Bay Project 2022 Nunavut Water Board Report and the AGI reports are available on the NWB public registry for review. The key findings and mitigative actions being taken to avoid significant environmental impact are summarized in Table 9-1 below.

Table 9-1. 2022 AGI Key Findings

| 2022 AGI | Key Findings | Mitigative Actions to avoid Significant Environmental Impact |
|--------------|--|---|
| TIA | The North Dam and South Dam are functioning as designed, and no significant concerns were identified regarding the ongoing performance of these structures. | N/A |
| Doris Madrid | The waste rock pile on Pad T is over-steepened. Some improvements on the slopes of Pad T have been made in the last year and a small catch berm was previously constructed on site, closer to the portal entrance. | <ul style="list-style-type: none"> • As of April 2023, an updated analysis is in progress to evaluate the effectiveness of the work completed in 2022 and early 2023, with respect to the geotechnical stability and risk associated with the over-steepened sections of the waste pile. • In 2023, AEM will continue to preferentially remove waste rock from the crest of the waste pile at the critical section (above the portal/mill access road). The waste rock is being used for the construction of the Interim Dike within the Doris TIA. • A plan is in place for 2023 to continue to build up the western portion of the waste pile, and remove material from the crest of the eastern section of the waste pile, with the goal of improving the stability of the sections of the waste pile above the portal/mill access road. The work plan includes the development of catch benches on the southern face of the waste pile to mitigate the risk of surficial failures impacting the access road. • An updated survey and stability analysis of the waste pile will be completed in Q4 2023 to evaluate the effectiveness of the 2023 work plan. At this time the geotechnical stability of the waste pile and associated risk will be re-evaluated, and the need for further resloping work will be assessed. |

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Table 9-1. 2022 AGI Key Findings (completed)

| 2022 AGI | Key Findings | Mitigative Actions to avoid Significant Environmental Impact |
|---------------------------------|--|---|
| Doris Madrid <i>(cont'd)</i> | From a performance point of view, the monitoring and diligent management of the Madrid CWP remains a top priority. In May 2022 Agnico installed a sump downstream of this CWP. | <ul style="list-style-type: none"> As of April 2023, the installation of deflection berms downstream of the Madrid CWP was underway. The purpose of the berms is to improve seepage collection of the sump that was installed downstream of the Madrid CWP in May 2022. The downstream sump and deflection berms are part of an action plan that AEM has developed to address the seepage at the Madrid CWP. The action plan is summarized in the Madrid CWP OMS Manual, and also includes increased monitoring of the water level at the CWP, starting in 2023. |
| Boston | Ongoing thermal degradation issues manifested around the Boston airstrip and along the western slope of the camp leading towards Aimaokatalok Lake. | <ul style="list-style-type: none"> The airstrip will continue to be assessed by qualified personnel prior to use each season. Recommended monitoring of thermal degradation issues will continue and the need for additional mitigation measures will be assessed based on the results of the continued monitoring. |
| | The small lined pond that is being used for temporary water management should be inspected to determine a temporary operating water level. Additional material should be placed on the oversteepened slope of the bunded area, and the exposed HDPE liner should be covered. | <ul style="list-style-type: none"> A plan is in place to empty the lined pond (Pond 2) during the freshet season (spring) of 2023. After the pond is emptied, it will not be used for water management activities at the Boston site until required maintenance work is completed and an inspection has been completed to determine an operating water level. |

10. Management Plans

Table 10-1 provides an overview of all Management Plans for the Hope Bay Project.

Table 10-1. Hope Bay Project Management Plans

| Topic | Management Plans | Revision Date |
|---------------------------------|---|---------------|
| Environmental Management System | Hope Bay Project Environmental Management System | Dec-17 |
| Management Plans | | |
| Emergency Response | Hope Bay Project Emergency Response Plan | Jun-22 |
| Spill Contingency | Hope Bay Project Spill Contingency Plan | Mar-23 |
| Hazardous Waste Management Plan | Hope Bay Project Hazardous Waste Management Plan | Mar-20 |
| Incinerator Management Plan | Hope Bay Project Incinerator Management Plan | Mar-23 |
| De-icing Management | Hope Bay Project Aircraft De-icing Management Plan | Mar-19 |
| QA/QC | Hope Bay Project Quality Assurance Quality Control Plan | Mar-22 |
| Water Management | Hope Bay Project Doris-Madrid Water Management Plan | Mar-23 |
| | Hope Bay Project Boston Water Management Plan | Dec-17 |
| Waste Rock Management Plan | Hope Bay Project Waste Rock, Ore and Mine Backfill Management Plan | Mar-23 |
| | Hope Bay Project Water and Ore/Waste Rock Management Plan for Boston Site | Jan-17 |
| Landfarm Management | Hope Bay Project Hydrocarbon Contaminated Material Management Plan | Dec-17 |
| Air Quality | Air Quality Management Plan, Hope Bay Project | Apr-19 |
| Domestic Waste Water Management | Hope Bay Project Domestic Wastewater Treatment Management Plan | Dec-17 |
| | Boston Sewage Treatment Operations and Maintenance Management Plan | Sep-17 |
| WWMP | Doris North Project Wildlife Mitigation and Monitoring Plan | Dec-16 |
| | Wildlife Mitigation and Monitoring Plan | Jan-23 |
| AEMP | Hope Bay Project Aquatic Effects Monitoring Plan | Apr-18 |
| Ground Water Management Plan | Hope Bay Project Ground Water Management Plan | Mar-22 |
| Tailing Management Plan | Hope Bay Project, Phase2 Doris Tailings Impoundment Area – Operations, Maintenance, and Surveillance Manual | Feb- 22 |
| | Hope Bay Project Boston Tailings Management Area -Operations, Maintenance, and Surveillance Manual | Dec-17 |
| Non-Hazardous Waste | Hope Bay Project Non-hazardous Waste Management Plan | Dec-17 |
| Quarry Management | Hope Bay Project Quarry Management and Monitoring Plan | Mar-22 |

(continued)

Table 10-1. Hope Bay Project Management Plans (completed)

| Topic | Management Plans | Revision Date |
|--|--|---------------|
| Closure | Hope Bay Project Doris-Madrid Closure and Reclamation Plan | Nov-17 |
| | Hope Bay Project Boston Conceptual Closure and Reclamation Plan | Nov-17 |
| | Hope Bay Project Windy Camp and Patch Lake Facility Updated Closure Plan (SRK) | May-14 |
| | Hope Bay Project: Madrid Advanced Exploration Program: Conceptual Closure and Reclamation Plan (SRK) | Oct-14 |
| Explosives | Hope Bay Project Explosives Management Plan | Nov-17 |
| OPPP & OPEP | Oil Pollution Prevention Plan (OPPP) and Oil Pollution Emergency Plan (OPEP) | Jul-21 |
| Shipping Management | Hope Bay Shipping Management Plan | Feb-23 |
| Socio-Economic Management Plans | | |
| Health and Safety | Hope Bay Health and Safety Management Plan | Dec-17 |
| Human Resources | Hope Bay Project Human Resources Plan | Sep-16 |
| Community Involvement | Hope Bay Project Community Involvement Plan | Dec-16 |
| Cultural Heritage | Cultural Heritage and Natural Resources Management Plan | Dec-17 |

Management plans for Project activities were developed pursuant the following certificates, licences, authorizations, and legislation:

- NIRB Project Certificate No. 003, authorizing the Doris portion of the Project.
- NIRB Project Certificate No. 009, authorizing the Madrid-Boston portion of the Project.
- Type A Water Licence No. 2AM-DOH1335, the primary water licence for the Doris-Madrid portions of the Project.
- Type B Water Licence No. 2BB-BOS1727, the licence covers exploration activities and infrastructure at Boston Camp.
- Type B Water Licence No. 2BE-HOP2232, covers exploration activities and infrastructure at Windy Camp.
- Crown Land Leases issued by CIRNAC for the Jetty and Marine Outfall Berm in Roberts Bay.
- Fisheries Authorizations were issued by DFO between 2007 and 2010 to allow for the installation of a jetty, construction of the TIA dam and Schedule 2 MDMER listing of Tail Lake as a tailings impoundment area.
- Legislation pertaining to oil handling facilities, as follows:
 - *Canada Shipping Act*, 2001, Part 8, Paragraphs 168(1),168(2), 168(3) and 182(a);
 - Part II of the Response Organizations and Oil Handling Facilities Regulations;
 - Part 2 and 3 of the Vessel Pollution and Dangerous Chemicals Regulations, 2012, including the Guidelines for Reporting Incidents Involving Dangerous Goods, Harmful Substances and/or Marine Pollutants, 2009;
 - *Canadian Environmental Protection Act*, 1999, Release and Environmental Emergency Notification Regulations, 2018; and
 - Oil Handling Facilities Standards 1995.

11. Closure and Reclamation

11.1 PROGRESSIVE RECLAMATION

11.1.1 Windy Camp Demolition and Reclamation

In 2022, progressive reclamation work was focused on Windy Camp. The Environment team completed reclamation of historical infrastructure at Windy Camp at Hope Bay. The primary activities completed from July 13 to August 1, 2022 included: dismantling the camp, demolition, material sorting/ segregation, and disposal offsite or open burning of material at Doris North Camp. The total amount of material removed from Windy Camp is summarized in Table 11-1. A summary report is found in Appendix H.

Table 11-1. Quantities of Residual Material Removed from Windy Camp

| Material | Quantity | Weight of Debris |
|--|----------|------------------|
| Metal sea container | 1 | 8.4 tonne |
| Truck loads burnt at Doris ^[1] | 25 | 250 tonnes |
| Sea containers of construction debris ^[2] | 57 | 251 tonnes |

^[1] Trucks used can carry a maximum of 40 tonnes, each load was estimated at 10 tonnes.

^[2] Weight of construction debris has been estimated using the total weight and subtracting 2.3 tonnes per empty containers.

11.1.2 Exploration Areas

Following surface diamond drilling operations, a reclamation process is conducted. Once drill equipment is demobilized from site, all drill casings are removed, if the casing is stuck due to permafrost it will be cut off at ground level. Cuttings are either used to fill the depression left by other drill operations in the vicinity or collected and removed. The land will then be leveled with bentonite if required and covered using overburden. Following drilling operations on ice, equipment and soiled and/or oily snow and ice are removed from the surface of the ice and deposited in active sumps. Once drilling operations are complete at a drill site, a site closure inspection report is completed by Agnico, reviewed by the site Drilling Supervisor. Generalized items inspected in closure review include water management, drill collar sites, sump locations and adjacent vegetation inspections and housekeeping. All site closures are photographed with records filed and maintained by Agnico.

In July 2022, Agnico made an inventory of historical holes that had no record of remediation in preparation for inspections. Once inspected, the required remediation will be completed at the historical sites. Just north of Patch Lake centered at NAD83 13N 433728 7551895 is the footprint of the old Major Drilling camp. Cleanup was started by the Geological technicians with the removal of approximately 800 m of old snow fencing, and the removal of any debris. In 2023 the team will complete the removal of the remaining 300 m of snow fencing and dismantle the old helicopter pad.

11.2 COST ESTIMATE

The reclamation work for the Hope Bay Project will be done in accordance to approved Closure and Reclamation Plans for the Project. Reclamation progress is monitored through site inspections and annual reporting to the KIA, Crown-Indigenous Relations and Northern Affairs Canada (CIRNAC) and NWB and is documented in updates of the Project Closure and Reclamation Plan and financial security costs estimates. As part of the Type A Water Licence approval process for Boston-Madrid (Phase 2) Project in 2018, financial security costs estimates were updated and approved by the NWB, KIA and CIRNAC and consider

all existing infrastructure, proposed Phase 2 infrastructure, and any new information available since the last revision. The resulting financial security estimates and their associated Closure and Reclamation Plans, which are applicable to each site, are outlined in the subsections below. Furthermore, as requested by KIA, in 2022 Agnico and the KIA began a third party, independent review of the closure plan and costs. This work will be completed in 2023.

11.2.1 Doris and Madrid

Agnico maintains the *Hope Bay Project Doris-Madrid Closure and Reclamation Plan* (November 2017) which describes the activities, requirements, and monitoring necessary for the closure and reclamation of the Doris site.

As part of the Type A Water Licence approval process for Boston-Madrid (Phase 2) Project in 2018, TMAC provided to the NWB an updated and final Closure and Reclamation cost estimate, which constituted an agreement between Agnico, KIA and CIRNAC on the financial security parties agreed was required for Doris and Madrid sites. Details of this process can be found on the NWB public registry and resulted in a requirement in Type A Water Licence 2AM-DOH1335 for \$62,058,577 to be posted for the Doris-Madrid portion of the Project; \$51,659,822 to KIA, \$10,398,755 to the Crown. This security is to be posted across nine (9) installments or tranches based on distinct project components.

In addition to the financial security required to be posted for Doris and Madrid under Type A Water Licence 2AM-DOH1335 described above, Agnico also has rights to conduct the Madrid Advanced Exploration Program in accordance with Water Licence No. 2BB-MAE1727 Amendment No.2. In the event Agnico proceeds the Madrid Advanced Exploration Program and does not commence activities under Type A Water Licence 2AM-DOH1335, Agnico's Conceptual *Madrid Closure and Reclamation Plan* (2017) will dictate the activities, requirements, and monitoring necessary for the closure and reclamation of the Madrid site(s). In this scenario, Agnico is required to maintain reclamation security in the amount of \$7,131,000 for the work at Madrid. As per the amended licence, this amount is split between activities at Madrid North (\$4,042,000), Madrid South (\$3,072,000) and Madrid North to South All Weather Road (AWR; \$17,000).

11.2.2 Windy

Agnico has an approved *Hope Bay Project, Windy Camp and Patch Lake Facility Updated Closure Plan* (SRK 2014). This document presents the closure obligations and the plan for closing both facilities and demonstrates how the closure obligations can be met. A copy of this plan can be found on the NWB public registry.

11.2.3 Boston

For current Boston infrastructure, Agnico has an approved *Boston Camp Interim Closure Plan* (TMAC 2020b), which was submitted to the NWB September 14, 2020. The plan includes a current closure cost estimate of \$3,722,000. This amount includes cost escalation, management of mineralized rock, reclaiming drill sites and other areas of permafrost degradation, remediation of hydrocarbon contaminated soils, indirect costs, and a contingency. A copy of this plan can be found on the NWB public registry.

For planned Boston infrastructure under the Boston-Madrid (Phase 2) Project, Agnico provided to the NWB an updated and final Closure and Reclamation cost estimate as part of the Type A Water Licence approval process. The updated and final Closure and Reclamation cost estimate provided constituted an agreement between Agnico, KIA, and CIRNAC on the financial security parties agreed was required for the Boston site. Details of this process can be found on the NWB public registry and resulted in a requirement in Type A Water Licence 2AM-BOS1835 for \$37,458,491 total to be posted: \$9,963,564 to KIA and \$27,494,927 to the Crown. This security is to be posted across nine (9) installments or tranches based on distinct project components.

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