



Environment and
Climate Change Canada

Environnement et
Changement climatique Canada

NUNAVUT WATER BOARD
Date: <u>January 15, 2020</u>
Exhibit No.: <u>21</u>

Lupin Mine

Presentation to the Nunavut Water Board by Environment and Climate Change Canada

Lupin-mi Uyaraktaqvik Uqaahiq Nunavumi Immaligiyit Katimayiinut ukunanga Avatiliqiyit Hilaplu Aalaguniganik Kanatami

2AM-LUP1520 - Public Hearing/Inuknik Naalaktitivik
January 15 to 16, 2020

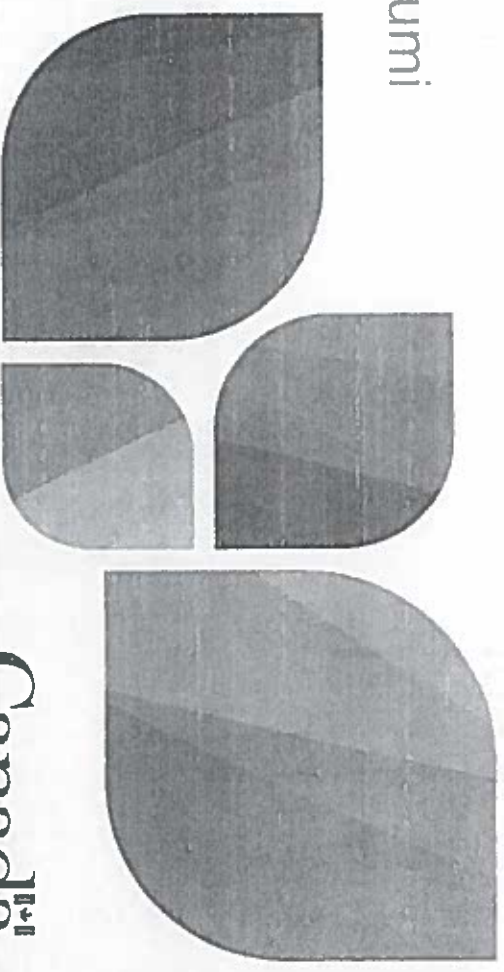
Kugluktuk, NU/ Quqlluqtumi, Nunavumi

Eva Walker

A/ Senior Environmental Coordinator
Atanguyaulaktuq Avatiliqinikut Ihuagha:vi

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Lead - Water Quality Expert Support
Hivuluqhuqti – Immarikniganik Ayuqituq Ikayuqti



Canada

Overview Qanuriniga

- Mandate
- Relevant acts and regulations
- Status of Environment and Climate Change Canada's comments
- Outstanding comments and recommendations
- Havaakhijutauyuq
- Atuqniqatut maligaqyuat maliruakhalu
- Qanuriniga Avatauyuq Hilalu Aalaguqniga Kanataup uqauhiit
- Iniqhimagitut uqauhiyut atuliquyauyulu



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Environment and Climate Change Canada's Mandate **Avatauyug Hilalu Aalaguqniganik Kanataup Havaakhitauniga**

- Preservation and enhancement of the quality of the natural environment, including water, air and soil quality;
- Coordination of the relevant policies and programs of the Government of Canada;
- Ilipqamanigit ihuqphivaaliglugilu halumaniga nunami avatauyug, immauyutlu, hilap nunaplu halumaniga.
- Ihuqphaqnigit atuqniqaqtut pitquhiit havaagilu Kavamat Kanatami.



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Environment and Climate Change Canada's Mandate Avatauyug Hilalu Aalaguniganik Kanataup Havaakhitauniga

- Renewable resources, including migratory birds and other non-domestic flora and fauna
- Meteorology; and
- Enforcement of regulations
- Nutaagutqihimaqtut ihuaqtit, tikitpaktulu tikmijat ahilu ahini takuukhaugitut nautiaq nauninuilu.
- Uyaraliginikt.
- Ihuqhaqniginik maliruat



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Relevant acts and regulations

Atuqniqattut maligaqyuat malirualu

- *Department of the Environment Act*
- *Canadian Environmental Protection Act*
- *Fisheries Act – Pollution Prevention Provisions*
- *Migratory Birds Convention Act*
- *Species at Risk Act*
- *Havakviuyuq Avatiliqiyinit Maligaqyuq*
- *Kanatami Avatauyumnik Munarinigagut Maligaqyuq*
- *Iqaluliqinikut Maligaqyuq – Halumaigtuqagitaagani Pivikhaqanigit*
- *Tikitpaktut Tikmijaniq Agiqatiriigut Maligaqyuq*
- *Umayut Ihumaluknaqtut Maligaqyuq*



Current status of ECCCC Technical Comments / Taja qanurinigga ECCCC-kut Nutauniqhanik uqauhiit

Technical Comment no. / Nutauniqhanik Uqauhiit nahautaa	Technical Comment Subject Nutauniqhanik Uqauhiq Hunauniga	Status /Qanurinigalu
ECCC 1	Climate change modeling / Hilap aalaqupalianiganik atuqtakhamik	Resolved with commitment / Ihuaqhiyuq uqariqhimagumit
ECCC-2	Tailings closure approach and monitoring / Ataguuvik umiktinqigaut pigiarut amirinigalu	Resolved / Ihuaqhiyuq
ECCC-3	Perimeter dams / Avatait himiktuutit	Partly resolved / Illainaa ihuqhiyuq
ECCC-4	Duration of permanent monitoring / Hivituniga atuinaqtuukhap amirijutip	Partly resolved / Illainaa ihuqhiyuq
ECCC-5	One metre esker cover / 1-militamik qimiakyukmit hauhijutikhaq	Resolved / Ihuqhiyuq
ECCC-6	Waste rock tailings acid rock and metal leaching / Iqaguut uyaqat, ataguut, halumailruqagtut uyaqat, havivalukniklu kuhiqnigit	Resolved with commitment / Ihuqhiyuq uqariqhimagumit
ECCC-7	Asbestos disposal / Ikulaariipkuit iqaqtauniginik	Resolved / Ihuqhiyuq



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ECCC 8 – Draft Water Licence ECCC 8 – Ititraqaqhimayutq Immaqmnik Aturiagani laisiuyutq

New comment / Nutaat uqariiqhimayutq

ECCC recommends that:

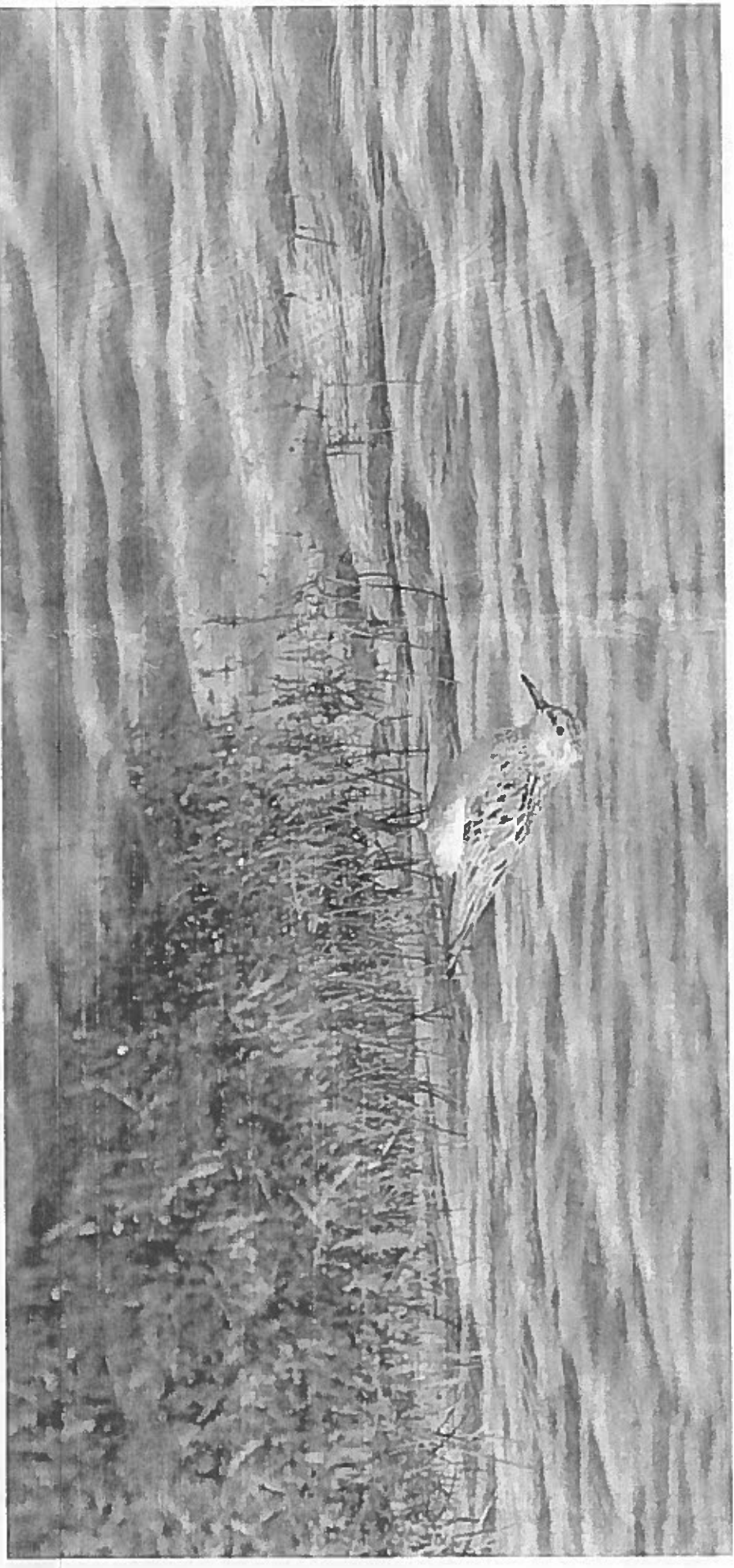
- The proponent notes the proposed effluent quality criteria under Schedule 4 that come into force June 1, 2021 in the event that there will be discharges after June 1, 2021.
- The proponent updates the definition of “Recognized Closed Mine”.

ECCC atuliquiyut ukkuniga:

- Havaaqarumayutq itqaiyutq atulirumayauyumik ataguvaluit halumaniga aturiagaqtutq ilagani Naunaipkut 4-mi atuliqniagtutq June 1-mi 2021-mi piyuqaqtat kuuktitijutitik kiguani June 1, 2021-mi.
- Havaaqarumayutq nuutaaguqtiriyutq tukitaarutaanik “Ititariyauyutq Umikniganik Uyaraktaqvik”.



Thank You / Quanaquutin



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