



Environment and Climate Change Canada's Presentation to the Wek'èezh'ii Land and Water Board Respecting the Indin Lake Gold Project Type A Water Licence and Type A Land Use Permit Applications

W2021L2-0000, W2021L2-0005 & W2021C0009

Wek'èezh'ii Land and Water Board

Public Hearing

April 12-13, 2022



Overview

- Mandate
- Relevant Acts and Regulations
- Status of Environment and Climate Change Canada's Concerns
- Technical Comments and Recommendations



Environment and Climate Change Canada's Mandate

- The preservation and enhancement of the quality of the natural environment, including water, air and soil quality, and the coordination of the relevant policies and programs of the Government of Canada
- Renewable resources, including migratory birds and other non-domestic flora and fauna
- Meteorology
- The enforcement of rules and regulations



Relevant Acts and Regulations

- *Department of the Environment Act*
- *Canadian Environmental Protection Act*
- *Fisheries Act – Pollution Prevention Provisions*
- *Migratory Birds Convention Act*
- *Species at Risk Act*



Current Status of ECCC Comments

ECCC-2	Total Petroleum Hydrocarbons	Resolved
ECCC-3	Explosives Management	Resolved
ECCC-4	Land Clearing / Exploration Drilling	Resolved
ECCC-5	Species at Risk – Species of Concern Expected at the Project	Resolved
ECCC-6	Species at Risk – Recovery Documents	Resolved
ECCC-7	Incinerator Emissions Testing	Resolved
ECCC-8	Scope of the Activities and Proposed Monitoring Parameters	Resolved
ECCC-9	Data Clarification	Resolved
ECCC-10	Draft Water Licence W2021L2-0004	Resolved



ECCC - Technical Comment 7

Resolved

Incinerator Emissions Testing

ECCC recommended that the Proponent continue to undertake determined efforts to minimize emissions of mercury, dioxins, and furans, and provide results of previous stack test(s), if available. Making ‘determined efforts’ to reduce emissions of dioxins and furans may involve a one-time incinerator stack test to verify compliance with the Canada-wide Standards.



ECCC - Technical Comment 8

Resolved

Scope of the Activities and Proposed Monitoring Parameters

ECCC recommended that clarification be provided on the proposed scope of activities. If dewatering and bulk sampling are included in the scope, SNP 5-6 should include nitrate and total petroleum hydrocarbons as monitored parameters, in addition to Total Petroleum Hydrocarbons being regulated at SNP 5-2.



ECCC - Technical Comment 9

Resolved

Data Clarification

ECCC recommended that the period of record for data presented in Table 10-1 be clarified.



ECCC - Technical Comment 10

Resolved

Draft Water Licence W2021L2-0004

ECCC recommended that:

1. Cadmium EQC at SNP 5-2 be consistent with those at SNP 5-6;
2. Clarification be provided on the analysis required for Total Petroleum Hydrocarbon fractions;
3. Consideration be given to using a pass/fail bioassay protocol; and
4. The SNP general conditions include a requirement that ambient conditions be documented for all sampling events.



Thank You



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Climate Change Canada

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