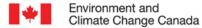# Environment and Climate Change Canada's Presentation to the Nunavut Water Board Regarding the Municipality of Igloolik Type A Water Licence Renewal and Amendment

3AM-IGL---- – Technical Meeting
July 21-22, 2020

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

Environment and Climate Change Canada

Environnement et Changement climatique Canada

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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*

Leachate from the Solid Waste Facility

- ECCC recommends that the Proponent take measures to capture all leachate from the landfill site for appropriate management so that it does not get discharged into the receiving environment. In addition, information on the quality, quantity, and locations of leaching should be provided

Monitoring Results

ECCC recommends that the Proponent include all parameters listed in Section 4.4 in the analysis of effluent and water quality associated with the lagoon, including carbonaceous Biochemical Oxygen Demand (cBOD)

Environment and
Climate Change Canada

Environnement et
Changement climatique Canada

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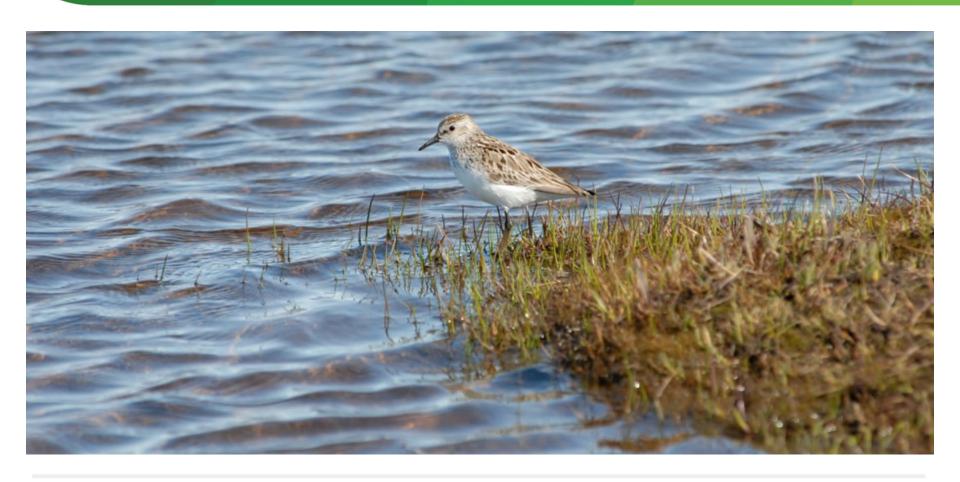
Treatment Capabilities

ECCC recommends the Proponent provide monitoring data of effluent quality for the three individual sewage lagoons (IGL-4) as well as at the end of the filter strip wetland, to quantify final quality prior to release to the environment (IGL-5).

Thank You