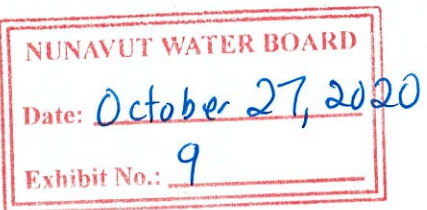




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# Environment and Climate Change Canada's Presentation to the Nunavut Water Board Respecting the Resolute Bay Type A Water Licence Renewal and Amendment

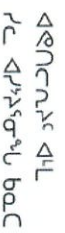


3AM-RUT----- Final Hearing  
October 27-28, 2020



Canada

- 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



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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*



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# ECCEC-Resolved Comment 1

## Wastewater Treatment Plant

ECCEC requested additional details about the new wastewater treatment plant.

- The Government of Nunavut has committed to provide the Design Report for the plant, with details including treatment targets for Carbonaceous Biochemical Oxygen Demand (CBOD) and ammonia
- Toxicity test validation results will be provided for effluent within 6 months of commissioning of the plant
- Monthly effluent data will be submitted to the NWB following commissioning



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# ECCC-Resolved Comment 2

## Fecal Coliforms

- ECCC requested that a study on fecal coliforms be provided for review.
- Government of Nunavut has reviewed the fecal coliform data and provided a memo to assist the NWB in determining fecal coliform criteria.



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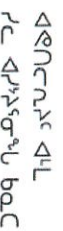
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# Quality Control Samples

- The Government of Nunavut has committed to including trip blanks.

- The Government of Nunavut committed to and has provided updated plans.





# ECCC-Final Outstanding Comment

## Char Lake Pump House and Signal Hill Water Treatment Plant

- The updated Environmental Management Plan for the Char Lake Pump House and Signal Hill Water Treatment Plant includes measures to avoid and reduce impact to surface water from erosion and sedimentation.
- Measures in the Plan include implementing silt fences for runoff control and turbidity curtains for construction of the intake line, but no associated water quality monitoring.
- ECCC recommends that the Government of Nunavut provide a description of proposed water quality monitoring in association with the decommissioning and construction of the new Pump House.



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# Thank You



