



Crown-Indigenous Relations
and Northern Affairs Canada

Relations Couronne-Autochtones
et Affaires du Nord Canada

Municipality of Chesterfield Inlet Application for Type “A” Water Licence 3AM-CHE----

Nunavut Water Board Public Hearing
November 15-16, 2023



Canada



Presentation Outline

- Role and Responsibilities
- Contributions to the Water Licence Application Review
- Technical Review Comments
- Summary of Next Steps
- Conclusion





Roles and Responsibilities

Crown-Indigenous Relations and Northern Affairs Canada's (CIRNAC) responsibilities, mandate, and obligations are in alignment with the following:

- *Crown-Indigenous Relations and Northern Affairs Act*
- Nunavut Agreement
- *Nunavut Land Claims Agreement Act*
- *Nunavut Waters and Nunavut Surface Rights Tribunal Act* and the associated regulations
- *Nunavut Planning and Project Assessment Act*
- *Territorial Lands Act* and the associated regulations
- *Arctic Waters Pollution Prevention Act*



Contributions to Water Licence Application Review

CIRNAC made the following submissions to the Nunavut Water Board regarding application for Type “A” Water Licence 3AM-CHE---- by Municipality of Chesterfield Inlet:

- Completeness Check of Type “A” Water Licence Application: **April 12, 2023**
- Technical Review Comments for Type “A” Water Licence Application: **June 19, 2023**
- CIRNAC Technical Meeting Presentation: **July 13, 2023**





Technical Review Comments

I. Water Use Records

(R-01) CIRNAC recommends that the daily volume of water withdrawn from First Lake during the annual resupply be recorded as monitoring station CHE-1. These records shall be submitted with the Annual Report.

Status: Resolved by Commitment





Technical Review Comments

II. Daily Water Use, Additional Monitoring Station

(R-02) CIRNAC recommends that a new monitoring station (CHE-1a) be added to the monitoring program. Located at the Water Supply Facility, to meter the daily volume of water used.

Status: Resolved by Commitment





Technical Review Comments

III. Environmental Monitoring Program and Quality Assurance/ Quality Control Plan (QA/QC Plan)

(R-03) CIRNAC recommends that an addendum is submitted to the QA/QC Plan to include monitoring station CHE-2.

Status: Resolved





Technical Review Comments

IV. Operations and Maintenance Plan (O&M Plan), Solid Waste Facility, Landfarm

(R-04) CIRNAC recommends that the Licensee clarify the use of the landfarm for disposal for contaminated soils. If the landfarm is to be used by the Municipality for soil remediation a letter of authorization should be provided by the owner.

Status: Resolved





Technical Review Comments

V. O&M Plan, Solid Waste Facility, Monitoring Stations Locations

(R-05) CIRNAC recommends that an addendum be submitted to this plan to include the correct GSP coordinates and datum of the location of monitoring station CHE-2.

Status: Resolved by Commitment





Technical Review Comments

VI. O&M Plan, Sewage Disposal Facility, Sludge Management Plan

(R-06) CIRNAC recommends that the sampling and analysis required to determine appropriate sludge characterization for management and disposal is completed to ensure that disposal options are contemplated when planning for the new sewage disposal facility.

Status: Resolved by Commitment





VII. O&M Plan, Sewage Disposal Facility, Monitoring

(R-07) CIRNAC recommends that an addendum be submitted to the plan to correct the monitoring station CHE-4 referenced in section 8 of the O&M plan for the sewage disposal facility.

Status: Resolved





VIII. O&M Plan, Sewage Disposal Facility, Monitoring

(R-08) CIRNAC recommends that an addendum be submitted to the plan to include the corrected GPS Locations of all monitoring stations

Status: Resolved by Commitment



IX. Geotechnical/ Engineering Inspection

(R-09) CIRNAC recommends, subject to Board approval; GN-CGS prepare a report that analyses the type of structures and frequency of inspection required the Municipality of Chesterfield Inlet. This report is to be provided by March 31, 2025. Until then, CIRNAC recommends that the Board consider modifying the license to allow additional 15 days to the current 60-day requirement.

Status: Resolved by Commitment





Status of Technical Review Recommendations

	Resolved	Commitment	Defer to NWB
R-01	X		
R-02		X	
R-03	X		
R-04	X		
R-05		X	
R-06	X		
R-07	X		
R-08		X	
R-09		X	





Summary of Next Steps

Resolved issues requiring further action are:

(R-02): Collection of Data and included in Annual Report

(R-05): Collection of location data during 2023 field season

(R-06): Complete sludge analysis prior to the commissioning of future sewage facilities

(R-08): Collection of location data during 2023 field season

(R-09): Data collection and report development by 2025





Conclusion

CIRNAC will continue to work through the water licence application review process with the aim of protecting Nunavut's inland water resources while promoting sustainable development.



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Thank you

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