



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 Technical Meeting (Teleconference)  
July 18-19 , 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 for Type “A” Water Licence Application: April 12, 2023
- Review Comments for Type “A” Water Licence Application: June 19, 2023
- Reply to Government of Nunavut Department of Community and Government services (GN-CGS) Response on Technical Review Comments for Type “A” Water Licence Application: June 29, 2023
- CIRNAC Comments on Applicant Response: Delivered on July 13, 2023

# Technical Review Comments

- **R-01 Water Use Records**
- CIRNAC recommends that the daily volume of water withdrawn from First Lake during the annual resupply be recorded as monitoring station CHE-1.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

# Technical Review Comments

- **R-02. Daily Water Use, Additional Monitoring Station**
- 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

- **R-03. Environmental Monitoring Program and Quality Assurance/ Quality Control Plan (QA/QC Plan)**
- CIRNAC recommends that an addendum is submitted to the QA/QC Plan to include monitoring station CHE-2.
- Status : Resolved by Commitment

# Technical Review Comments

- **R-04. Operations and Maintenance Plan (O&M Plan), Solid Waste Facility, Landfarm**
- 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 (not in use)
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# Technical Review Comments

- **R-05. O&M Plan, Solid Waste Facility, Monitoring Stations Locations**
- CIRNAC recommends that an addendum be submitted to this plan to include the correct GSP and (used datum) location of monitoring station CHE-2.
- Status : Resolved by commitment

# Technical Review Comments

- **R-06. O&M Plan, Sewage Disposal Facility, Sludge Management Plan**
- 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 : Unresolved**

# Technical Review Comments

- **R-07. O&M Plan, Sewage Disposal Facility, Monitoring**
- 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

# Technical Review Comments

- **R-08. O&M Plan Sewage Disposal Facility, Monitoring**

CIRNAC recommends that an addendum be submitted to the plan to include the corrected GPS Locations of all monitoring stations. (include the applied datum)

- **Status : Resolved by commitment**

## Technical Review Comments

- **R-09. Geotechnical/ Engineering Inspection**

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	Resolved by Commitment	Unresolved
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): Installation of meter at water supply facility and work to account for sewage disposal volumes that account for system loss if meters will not work.
- (R-05): Collection of location data during 2023 inspection
- (R-08): Collection of location data during 2023 inspection
- (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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