



Aboriginal Affairs and  
Northern Development Canada

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**Canzinc Mines Ltd.'s Water  
Licence Renewal/  
Amendment Application  
#1AR-NAN0914**

Nunavut Water Board Technical  
Meeting & Pre-Hearing Conference  
by Teleconference  
June 18 to 19, 2014



## Outline

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AANDC's Contributions to the water  
licence renewal/amendment  
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1. Revised and updated Abandonment  
and Restoration (A&R) Plan for the  
remediation of the contaminated soil  
at the former tank farm
2. Continued Geo-Technical Monitoring
3. Continued Water Quality Monitoring
4. Additional details of new landfill

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## Roles and Responsibilities

AANDC's responsibilities, mandate, and obligations stem from the following laws:

- *Department of Indian Affairs and Northern Development Act.*
- *Nunavut Land Claims Agreement Act.*
- *Nunavut Waters and Nunavut Surface Rights Tribunal Act* and the associated regulations.
- *Territorial Lands Act* and the associated regulations.

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## **AANDC Contributions:**

### **Water licence renewal /amendment application process**

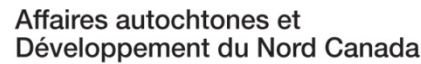
#### **Request for More Information:**

On March 3, 2014, AANDC submitted a Review Letter containing Information Requests to the Nunavut Water Board.

#### **Technical Review:**

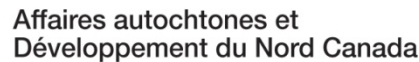
On June 2, 2014, AANDC submitted a Technical Review Memorandum to the Nunavut Water Board.





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- The Nanisivik Mine Site Closure Plan was completed in 2006, since then, Canzinc has undertaken its geo-technical obligations as prescribed in water licence 1AR-NAN0914.
- Since Canzinc is in the early stages of post-closure monitoring and there have been minor geo-technical issues, continued geo-technical monitoring is recommended.



Λ<sup>α</sup>Π<sup>β</sup>Σ<sup>γ</sup>  
Δ<sup>δ</sup>Π<sup>ε</sup>Δ<sup>ζ</sup>

- The Nanisivik Mine Site Closure Plan was only completed in 2006. Since then, Canzinc has undertaken the recommended water monitoring outlined in water licence 1AR-NAN0914.
- Canzinc is still in the early stages of Post-Closure Monitoring and water quality monitoring should continue.

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- The licensee will construct a new landfill for the disposal of inert scrap metal found and collected throughout the mine property.
- The licensee has not given specific details on the landfill as of yet.





## Other Water Licensing Considerations

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**AANDC notes that there is a potential land use conflict and suggests that it be addressed before further activity takes place that may jeopardize either project.**

- There is a potential land use conflict between the department of National Defence (DND) and the licensee.
- Both parties, DND and the licensee, need access to the land where the old tank farm was situated.
- AANDC recommends that this potential conflict be resolved before any activity takes place that may jeopardize either project.



## Conclusion

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### **AANDC Recommends:**

1. Updated A&R plan for the excavation and remediation of the contaminated soil.
2. Continued monitoring of the Nanisivik mine site for geo-technical aspects affecting site stability
3. Continued monitoring of the Nanisivik mine site for water quality issues.
4. Provision of additional details concerning the new proposed on-site landfill before the licence is issued

### **AANDC also notes:**

The potential land use conflict should be resolved before the licence is issued.



Thank you

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