



Aboriginal Affairs and Northern Development Canada

Affaires autochtones et Développement du Nord Canada



Canzinco 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





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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
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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.

Technical Review Comments

Recommendation One

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The department recommends that the proponent present the Water Board with a revised and updated plan for the treatment of contaminated soil.

- The proponent has altered its original approved 2010 Abandonment and Restoration (A&R) plan for the excavation and treatment of contaminated soil.
- The A&R plan should be updated to reflect changes in on-site works and timelines that have been completed or proposed but not included in the existing A&R Plan.
- The A&R plan should also be a stand alone document.

Technical Review Comments ▷¹Ь▷ノ┗১△º

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Recommendation Two

AANDC recommends that the licensee continue to monitor all geo-technical aspects of the mine site for stability and effectiveness of its reclamation/ closure strategies.

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

Technical Review Comments Recommendation Three

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AANDC recommends that the licensee continue to monitor water quality at agreed upon stations around the mine to ensure site stability and to ensure that no new water quality issues arise.

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

Technical review comments Recommendation Four



AANDC recommends updating the security assessment when more detailed information is available about the construction of the planned landfill.

- 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:

- 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 「dbearb Merci