



Aboriginal Affairs and
Northern Development Canada

Affaires autochtones et
Développement du Nord Canada

Executive Summary

Technical Meeting and Pre-Hearing Conference
Renewal Application

Water Licence #1AR-NAN0914
Nanisivik Mine Site
Canzinc Mines Ltd.
Nyrstar Canada (Holdings) Ltd.
Qikiqtani Region, Nunavut

June 16, 2014

Executive Summary, Technical Meeting and Pre-Hearing Conference
Water Licence #1AR-NAN0914, Renewal Application

Aboriginal Affairs and Northern Development Canada (the Department) is an interested party in the Nunavut Water Board's review of Nyrstar's application to renew its Type 'A' Water Licence for the Nanisivik mine site property. Pursuant to federal legislation, the Department is tasked with co-managing Nunavut's freshwater resources with the Nunavut Water Board. The renewal is a result of the current water licence expiring on March 31, 2014.

The Department has a few concerns with respect to the renewal application. These concerns revolve primarily around the remediation of the remaining contaminated soil and the continual monitoring (visual, geo-technical and water sampling) of the entire mine site.

In order to properly address these concerns, the Department has outlined specific recommendations that should reduce or eliminate potential impacts on water quality. Listed below are AANDC's four recommendations; the second item, the geo-technical recommendation, has been broken down into 9 different sections in the department's technical review memorandum to the Nunavut Water Board:

- 1) The Department recommends updating/revising the approved 2010 Abandonment and Restoration (A&R) plan for the former tank farm facility to include all the changes and timelines implemented since 2010, including adding details the proponent provided to the department's information requests.
- 2) The Department recommends that the licensee continue to have a geo-technical engineer visually inspect all geo-technical aspects of the mine site annually and repair or modify these aspects as required.
- 3) The Department recommends that the proponent continue water quality monitoring of the mine site at agreed upon stations on a bi-weekly basis during periods of open water or periods of flow.
- 4) The Department recommends that the proponent provide additional details about the proposed new landfill for scrap metal. These details should include but are not limited to: location, source of cover material, quarry areas and any other information that may be useful in the evaluation of the landfill proposal.

The Department would like to point out that there is also the potential for land use conflicts in the area as there will be two proponents (Nyrstar and Department of National Defence) using the same land area for different reasons.

The department has described these concerns and others along with recommendations in more detail in its technical review memorandum to the Nunavut Water Board.

The Department will be participating in the upcoming teleconference for the Technical Meeting/Pre-Hearing Conference that will be held by teleconference on June 18, 2014.