



Environment Canada
Environnement Canada

Environment Canada
Prairie and Northern Region
#301-5204 50th Ave.
Yellowknife, NT X1A 1E2

May 23rd, 2008

Our File: 4703 003 013
Your File: 2AM-DOH0713/TR/H1

Phyllis Beaulieu
Manager of Licencing
Nunavut Water Board
Gjoa Haven, NU X0B 1J0

Re: Submission of Modification Request Doris North Project

On May 6th, 2008 the Nunavut Water Board sent a letter to interested parties requesting comments regarding modifications requested for conditions applying to water supply facilities and waste treatment at the Doris North accommodations and mill site.

Environment Canada is concerned with two issues identified in the letter regarding the waste management system and the temporary incinerator. Hope Bay Mining Ltd. (HBML) states that they are planning on using a self-contained toilet incinerator system in order to combust black water. The document that HBML provided on the toilet incinerators does not contain any information on the byproducts released during burning. EC was also concerned with the use of the temporary Smart Ash incinerator system because this type of technology (low temperatures and single chamber) is unlikely to meet the Canada-wide Standards for Dioxins and Furans.

On May 15th, 2008 EC and HBML had discussions regarding these issues. EC stated our concern with the efficiency of the self-contained toilet incinerator system and that there is the possibility that they may not meet the Canada-Wide Standards for Dioxins and Furans. An inability to meet these standards would be in contravention of the water licence under Part G: section 6. HBML has since been unable to provide evidence that this system is able to meet these standards.

We further discussed the use of a temporary Smart Ash Cyclonic model No. 1-013. The company has changed plans since their May 6th, 2008 letter and is now proposing to use the Westland CY 2020 FA model rather than the Smart Ash. The CY 2020 FA model satisfies EC's recommendations for incineration requirements.

Yours Truly,

Canada 

Savanna Levenson
Environmental Assessment Specialist
Environmental Protection Operations

c.c: Carey Ogilvie, Head EA North, Environment Canada
Dave Fox, Air Issues Specialist, Environment Canada