



**University
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September 12, 2025

**Re: 126210/25YN058: Waste Management Plan for the University of Manitoba project
“Characterizing Contaminant Levels in Softshell Clams in Frobisher Bay near Iqaluit.”**

Dear NIRB Board Members,

Please find attached our waste management plan as requested by the Nunavut Impact Review Board (NIRB) for NIRB 126210/25YN058. We will ensure that the proposed work is performed with minimal impact to the environment.

Waste Management Plan

No biological waste will be produced from this project, as all collected samples will be returned whole to the University of Manitoba for analysis, and disposed of following the University's protocols for laboratory waste once analysis is complete. Clam tissues will be removed from the shells in a laboratory at the Nunavut Research Institute, but both tissues and shells will be returned to the University of Manitoba for analysis. No liquid wastes will be generated. Contaminated consumables (e.g. paper towels) will be packaged inside of Ziplock bags and disposed of in the municipal waste containers located at the Nunavut Research Institute.

In the event of a spill of potentially contaminated clam tissues, the affected area will be cleaned with absorbent pads and household cleaning supplies as necessary. Note that while the clam samples are likely to have quantifiable contaminant levels, these contaminants are all accumulated in the organisms from the local environment. Our data from previous years suggest that these contaminant levels are relatively low and are a minimal hazard to the environment if a spill of a biological sample were to occur.

We thank the NIRB and all parties involved for support for the proposed activities. If there are any further concerns, or if additional clarification is required, please contact Dr. Ken Jeffries at Ken.Jeffries@umanitoba.ca.

Sincerely,

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