



Surveillance Network Program Report Hay River Harbour Remediation Project October 2024

Date: October 28, 2024
To: MVLWB
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This Surveillance Network Program (SNP) Report for October 2024 is being submitted in accordance with the requirements of the Type B Water Licence MV2023L8-0005 issued to the Government of the Northwest Territories – Department of Infrastructure for the Hay River Harbour Remediation Project.

Summary of Activities in October 2024

No dredging activities were conducted. Weekly site inspections in the Sediment Deposit Areas confirmed no changes to site conditions.

Excavation of dredgate surrounding monitoring wells occurred on October 24th. A test pitting and soil sampling program also occurred from October 24th through October 26th by Associated Engineering (AE) at all stockpile sites.

Regular weekly site inspections to confirm no changes to the site occurred throughout the month. Loading and hauling of Stockpile 3 and Stockpile 4 materials occurred outside of Rowe's Construction's purview. The final location and quantities of material hauled is unknown by Rowe's Construction.

The following information is provided as required in Schedule 1 of the Water Licence.

A Tabular Summaries of all data and information generated under the SNP for the month being reported

Only one SNP site, Stockpile 5, contained water, which gradually froze throughout October. On October 23, 2024, large rocks were dropped on the frozen sump water from the top of the berm to test the ice's stability. No chipping or cracking of the ice was observed. No water sampling occurred at Deposit Area 5 over the span of the month. Sump 5 is estimated to contain approximately 100L.

Water in other sumps had previously been pumped, or naturally infiltrated to the existing ground.

The coordinates of all SNP sites

Sump location in Sediment Deposit Area 5: *568810.002m E, 6747306.394m N.*

B A tabular summary of cumulative water use

There was no water used.

C Tabular summaries of all data and information generated under the Supplementary Measurement Requirements referred to in Part C

There were no supplementary measurements referred to in Part C of the Water Licence.