



CITY OF YELLOWKNIFE

LAND USE PERMIT MV2022S0011

FINAL REPORT

Submitted to:

Mackenzie Valley Land and Water Board

By:

Department of Public Works & Engineering

Environment

October 2024

Table of Contents

Introduction	1
a) Land on which land-use operation was conducted	1
b) Area of land used for operation	1
c) Fees associated with land use	1

Introduction

This report is being submitted by the City of Yellowknife to the Mackenzie Valley Land and Water Board (MVLWB) as part of the requirements of Land Permit MV2022S0011. The Type A Land Use Permit was granted on October 26, 2022 for a period of 2 years; therefore, it expires on October 25, 2024 and the City intends to discontinue the permit. The Permit was originally obtained to perform a geotechnical drilling investigation at Pumphouse No.1, Pumphouse No.2, Pumphouse No.2 access road and Ingraham, Trail (Highway 4), and Lift Station No.1.

a) Land on which land-use operation was conducted

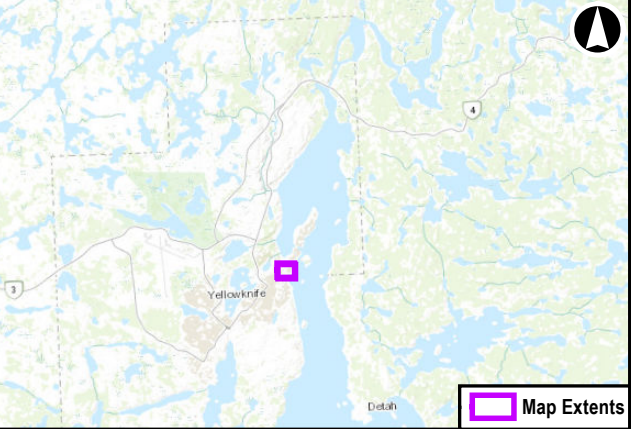
A total of ten boreholes were drilled within the extents of the Land Permit. Figure 1, 2 and 3 display the locations of each borehole.

b) Area of land used for operation

The area of land used was calculated based on the approximate size of the drilling truck used to drill the boreholes. The truck was assumed to be 8m x 4m, with an area of 32m². As the truck was used to drill at ten locations, the total area used on the site was approximately 320m².

c) Fees associated with land use

Since less than 2 hectares of land were used, there were no additional fees acquired by the City of Yellowknife.

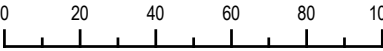


Legend

 Testhole Location

**CITY OF YELLOWKNIFE
SUBMARINE PIPELINE REPLACEMENT
LAND USE PERMIT**

TESTHOLE LOCATION PLAN



Datum: NAD 1983 UTM Zone 11N

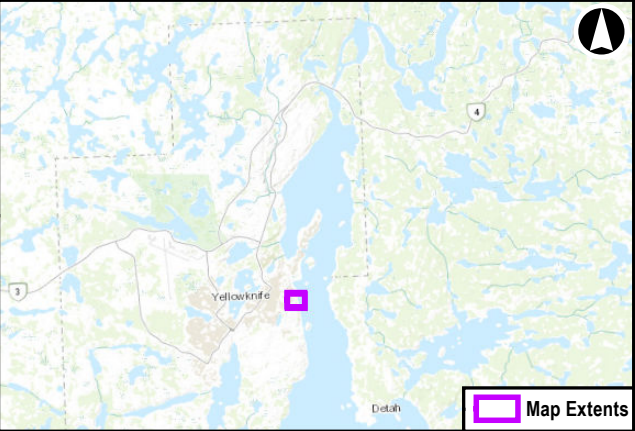
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Figure 2

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Legend

Testhole Location

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TESTHOLE LOCATION PLAN



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Figure 3

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