

## **Executive Summary**

Enclosed is the City of Iqaluit, Nunavut's Type "B" water license application for the extraction of granular material from the North 40 Gravel Pit. The City is seeking a water license for the North 40 for a ten year term or until an alternate source is developed.

The City of Iqaluit has utilized the North 40 gravel pit as a source of granular material for projects undertaken in the City. It is located in a valley on the North side of the existing airport just west of the City and covers an area of approximately 10 ha. Currently, several contractors and the City extract and process granular material at the North 40 site. Prior to the City's operation of the gravel pit it was operated by the Government of the North West Territories as a granular source.

The North 40 site was initially utilized by the US Air Force as both a gravel source and a waste disposal site. Wastes disposed of in the North 40 site as a result of the US Air Force operations included:

- plane carcasses and parts
- drums(empty, oil, diesel fuel and asphalt sealant)
- household materials, and
- construction debris.

Military operations ended at the site in 1963 with the withdrawal of the US Air Force from the area. Since that date the site has been used by various federal, territorial and municipal agencies to dispose of a variety of wastes including car parts, construction debris and asbestos. The North 40 was also subject to uncontrolled dumping of assorted waste including wood, steel, paper products, fuel drums and household materials.

The main areas of the site that were utilized as a dumpsite are generally well defined; however, the presence of waste is not limited within these areas.