

EXECUTIVE SUMMARY

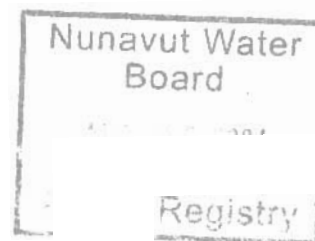
Kitnuna Corporation (Kitnuna) has retained Komex International Ltd. (Komex) to design and prepare construction specifications for a biocell treatment facility near Cambridge Bay, Nunavut. The Nunavut Water Board is the responsible regulatory agency to approve the construction and operation of the facility.

The proposed biocell treatment site is approximately 200 m offshore from Cambridge Bay at approximately 7668100 Northing and 499000 Easting. The preliminary dimensions of the facility are 60 m x 40 m x 1 m (average depth); to treat an estimated 1,100 m³ of hydrocarbon-impacted soil (mainly gasoline and jet fuel).

The biocell treatment design rationale is based on references obtained from the Government of Yukon, Department of Environment, Land Treatment Facilities (Guidelines for Construction, Operation, and Decommissioning), and the Alberta Environment Code of Practice for the Land Treatment and Disposal of Soil Containing Hydrocarbons – DRAFT.

The biocell treatment facility design is preliminary until the site can be confirmed as suitable

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Kitnuna Corporation (Kitnuna) has retained Komex International Ltd. (Komex) to prepare an operation plan to operate a biocell treatment facility for approximately 1,100 m³ of hydrocarbon-impacted soil near Cambridge Bay. A separate document of preliminary construction specification and drawings of the biocell has also been prepared. Both the operations plan and the construction specification and drawings will be submitted to Nunavut regulatory authorities for approval application.

It is understood that the hydrocarbons are mainly jet fuel, fuel oil and gasoline. The biocell design is preliminary and will be finalised for construction. A detailed characterisation of the chemical and biological of the impacted soil should also be completed specifically to optimise the treatment process. Once the biocell design is finalised and characterisation of the impacted soil is completed, the operation plan can be finalised.

The operation plan is divided into three categories:

- general site conditions;
- material treatment and handling; and,
- environmental monitoring.

Details of the above categories are presented in the report.