



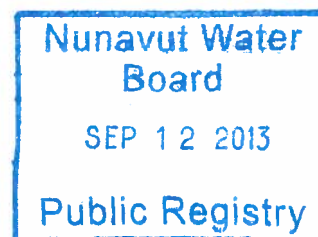
ABANDONMENT AND REMEDIATION PLAN HYDROCARBON IMPACTED WATER TREATMENT

Document presented to



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2. INTRODUCTION

Qikiqtaaluk wishes to obtain a Water Licence to operate a treatment system in Iqaluit to manage and treat hydrocarbon impacted water encountered during spill cleanup and fuel tank cleanup. When spills occur while snow is still present, impacted snow and ice has to be containerized, properly stored until the impacted snow has melted and only then it can be treated prior to discharge. Snow and water during spills must be properly managed and removed from the environment to minimize additional impacts to the soils.

3. ABANDONMENT AND REMEDIATION PLAN OBJECTIVES

The general abandonment and remediation goals of this A&R Plan are to:

- Ensure the long-term physical and chemical stability of the project area(s) so as to protect the public's health and safety;
- Enhance natural recovery of the disturbed area(s) to a state that is compatible with original conditions to allow for future use by people and wildlife;
- Ensure that the requirement for long-term maintenance and monitoring is minimized.

This A&R Plan is written to address all project-related activities.

4. PROJECT DESCRIPTION

An application for the Water Licence was submitted for activities to be implemented as soon as the License is granted considering the treatment system is already functional in Iqaluit. The system is operated by electricity; petroleum products that will be recovered are either recovered to be burnt in a waste oil furnace or placed in drums, labelled and shipped to an authorized disposal facility down south, near the Montreal area. The treated water will be tested, and once it meets the discharge parameters, the water will be transported and discharged into a specific and pre-approved discharge location.

5. FINAL ABANDONMENT

Should QE's treatment system no longer be functional or should QE decide to cease those activities and/or to withdraw from this market, the system will be dismantled and disposed of. Any treatment filters that may be impacted by hydrocarbons will be containerized and shipped down south for disposal in authorized facilities. If any untreated water remains once the activities are ceased, it will be transferred into drums, and shipped down south for disposal in authorized facilities. For final abandonment, the soils at the treated water discharge point location will be sampled and if any contaminated soils are present, they will be excavated, containerized and shipped down south for disposal to an authorized facility.

6. MONITORING

Once activities conducted under the requested Water Licence are abandoned, water will no longer be managed or handled and therefore monitoring shall also cease.