

Technical Summary of Clyde River Old Town Site Remediation Project, Clyde River, Baffin Region, Nunavut.

The Hamlet of Clyde River was originally established approximately 5 km southeast of the present day community, on the east side of Patricia Bay. Known locally as “Old Town”, the original settlement was occupied from 1923 until 1970 when the new community was established. The Old Town Site currently consists of several building foundations, four bulk fuel aboveground storage tanks (ASTs) and several dump sites containing hazardous and non-hazardous wastes. The Old Town Site is currently unoccupied, except in the summer months when residents of Clyde River erect summer recreational camps.

Several environmental investigations have been completed at the Old Town Site. Based on the previous information collected and more recent investigations, several waste streams have been identified at the Old Town Site; these include:

- Non-hazardous wastes
- Hazardous wastes
- Aluminum wastes
- Waste petroleum product
- Special wastes, including asbestos-containing materials, lead contaminated wastes, and sanitary wastes
- Petroleum hydrocarbon and metal contaminated soil and water

Community consultations, including community visits, took place in June 2009, August 2010 and March 2012 to discuss remediation plans for the Old Town Site. The final plan to remediate the Old Town Site was completed in 2011. Activities associated with the remediation of the Old Town Site will include:

- Construction, operation and decommissioning of a 2.6 km temporary access road to the Old Town Site;
- Construction, operation and closure of a new landfill containment cell at the Clyde River Solid Waste Facility;
- Construction, operation and decommissioning of a temporary staging area at the Old Town Site;
- Construction, operation and decommissioning of a temporary landfarm facility at the Old Town Site;
- Operation of borrow sources;
- Collection, segregation, transportation and disposal of hazardous and non-hazardous wastes;
- Excavation and treatment or disposal of contaminated soils;
- Incineration of non-hazardous combustible wastes; and,
- Treatment of contaminated water.

This project was put on hold soon after the new Water Licence # 1BR-CLY 1318 was issued on July 5, 2013. This Licence will expire on July 4, 2018. Practically no activity was carried out until now on this project. The current Water Licence contact is Jack O’Keefe who is no longer an employee of the Government of Nunavut. We are requesting to renew the licence on the existing conditions for a 10 (ten) year period from the date of expiry to the Government of Nunavut, Community and Government Services, with updated contact Bhabesh Roy, P. Eng., Baffin Regional Engineer.

This project was screened by Nunavut Impact Review Board on January 24, 2013. Government of Nunavut, Department of Community and Government Services has recently funded this project and this project is expected to be completed in next 5 to 10 years period.