

# **Roberts Bay and Ida Bay: NWB Licence No. 1BR-ROB0813**

## **Executive Summary of all Plans, Reports, or Studies Conducted under Water Licence No. 1BR-ROB0813**

This executive summary document has been prepared to fulfill the requirements of Part B: General Conditions (subsection letter: O) of the NWB Licence No. 1BR-ROB0813. NWB Licence No. 1BR-ROB0813 was issued on August 8, 2008 for the remediation of the abandoned Roberts Bay and Ida Bay Silver Mine Sites. The main activities carried out under this licence from the time of issuance (August 8, 2008 to March 31, 2010) are summarised as follows:

- Mobilization to site – first to Ida Bay by barge;
- INAC sponsored Inuit capacity building and training in Cambridge Bay for local workers who later worked on the project
- Workers Orientation Seminars at Cambridge Bay and Roberts Bay;
- Remediation works at Ida Bay
- Remediation works at Roberts Bay
- Community Consultation (public meeting) – to update the community on progress to date and plans for the following construction year.
- Winterization and storage of equipment and materials in readiness for winter demobilization to Ida Bay.

Following the issuance of the water license, the prime contractor for the Roberts Bay project, Quantum Murray LP (QMLP) mobilized heavy equipment, materials and supplies to Ida Bay, via barge. The barge was off-loaded at Ida Bay in October 2008. In March/April, 2009, QMLP (on behalf of INAC) conducted a capacity building training to develop the skills of the local people for the Roberts Bay project and for similar projects that may be taking place around the community in the future. 20 participants enrolled with 14 completing 70% or more of all the training modules. Also, 70% of the Inuit positions offered by Quantum for the project were filled by the Inuit training participants. A training report was produced afterwards. QMLP then conducted workers orientation training for the old and new employees at Cambridge Bay and Roberts Bay.

The remedial activity at Ida Bay during the 2009 season involved the blasting of the Ida Bay adit. Upon completion of the blasting work, all equipment, material and supplies were relocated to the Roberts Bay mine site in April 2009 in advance of the 2009 field season. The remediation activities at Roberts Bay commenced on 22 July and were completed by 6 September 2009. During the course of this work at Roberts Bay, QMLP crews mobilized back to Ida Bay to complete debris clean-up work at this site.

The following briefly describes the major activities completed at both Roberts Bay and Ida Bay during 2009 field season:

- Blasting of the adits at Roberts Bay and Ida Bay and backfilling with local waste rock materials;
- The concrete capped vent raise at Roberts Bay was covered with waste rock;
- A non-hazardous solid waste management facility was built at the location of the former tailings pond following engineer's design;
- Non-hazardous wastes/materials from the demolition of site Infrastructure (buildings and other miscellaneous structures) at Roberts Bay and surface debris were disposed of onsite in the non-hazardous solid waste management facility.
- Waste Rock was utilized on site as required to complete the backfill work and general re-grading of the respective mine sites.
- Hazardous wastes/materials were containerized for off-site disposal in 2010.
- Contractors' equipment and the wastes were winterized and properly stored at Roberts Bay waiting for winter transfer to Ida Bay. Contractor scheduled constant inspection visits during the storage period.

Daily and weekly construction reports were prepared during the construction for the effective communication of progress and plans for next actions amongst the project team.

Following the completion of construction activities, a community consultation (public) meeting was held in Cambridge Bay (September 22, 2009) to update the community on the progress so far and the plan for the last year of construction (2010). The public meeting was well attended and very positive comments were made by the community members who are pleased with the progress of work to date. This meeting is the third meeting held under this project. The first two were held prior to the issuance of water licence by the Nunavut Water Board (NWB): November 30, 2006 (prior to finalizing the Remedial Action Plan (RAP)); and July 16, 2008 (Pre-construction – to advise community members of the date/schedule of the project and the jobs/businesses available on the project).

From the inception of this project, members of the local Inuit community have been fully engaged. Recruitment drive for the INAC Inuit Capacity Building training and for the workers at the site involved several community organizations such as the Hunters and Trappers Organization (HTO), Kitikmeot Inuit Association (KIA), and the Hamlet Council. QMLP has maintained an average of 59.1% Inuit staff during this contract and subcontracted over 70% of the businesses to the Inuit firms. Over 1525 hours of training on various topics such as construction basics, HAZWOPER, specialty handling, personal health and safety, workplace safety and hazardous materials management have also been provided to the Inuit staff on the project.