

## **MUNICIPAL RURAL INFRASTRUCTURE FUND (MRIF) NORTHWEST TERRITORIES PROJECTS**

### **BACKGROUND**

A Management Committee made up of representatives of the Governments of Canada and the Northwest Territories selected the projects that were announced under the MRIF, in accordance with the specific criteria for this program. The federal funding for the MRIF projects has also helped to provide the Government of the Northwest Territories with greater financial flexibility to respond to the infrastructure needs of other communities that will not benefit directly from MRIF.

The MRIF projects announced today are required to successfully complete applicable environmental assessment processes, and funding will be conditional on compliance with all applicable federal and territorial requirements.

The MRIF program operates alongside programs such as the Canada Strategic Infrastructure Fund (CSIF), which is supporting larger infrastructure projects, such as highway and winter roadway projects in the Mackenzie Valley and Slave Geological Province transportation corridors.

#### **Hamlet of Tuktoyaktuk – Filtration Upgrade – Project Cost: \$2,655,000.**

The existing water treatment plant in Tuktoyaktuk does not meet the new turbidity guideline adopted by the Guidelines for Canadian Drinking Water Quality (GCDWQ). MRIF funds will be used to upgrade the existing water treatment plants aged infrastructure and process to meet the revised GCDWQ. The addition of filtration to the water treatment process will improve water quality and reduce risk of water borne disease outbreaks for the entire population of Tuktoyaktuk and its visitors. The Governments of Canada and the Northwest Territories will contribute \$870,000 and \$1,785,000 respectively to this project.

#### **Community Government of Behchokò – Water Treatment Plant (Rae) – Project Cost: \$4,887,000.**

MRIF funds will be used for the construction of a new water treatment plant in Rae. The existing water treatment plant was built in the 1970's and requires replacement as it has surpassed its design life. In addition, the water treatment plant is currently struggling to produce enough water to meet the present capacity of the community. The new plant will meet the community's current and future capacity over the next 20 years, provide for fire storage and meet the Guidelines for Canadian Drinking Water Quality. The Governments of Canada and the Northwest Territories will contribute \$2,443,000 and \$2,444,000 respectively to this project.

**Community Government of Behchokò – Water Treatment Plant Upgrade (Edzo) – Project Cost: \$1,080,000.**

The existing water treatment plant in Edzo does not meet the new turbidity guideline adopted by the Guidelines for Canadian Drinking Water Quality (GCDWQ). MRIF funds will be used to upgrade the existing water treatment plants aged infrastructure and process to meet the revised GCDWQ. In addition the upgrade will address some existing health and safety concerns, the high-energy use of the water treatment process and reduce the overall environmental impact of the facility. Improvements in the water treatment process will reduce risk of water borne disease outbreaks for the entire population of Edzo and its visitors. The Governments of Canada and the Northwest Territories will contribute \$535,000 and \$545,000 respectively to this project.

**Hamlet of Aklavik – Water Treatment Plant Upgrade – Project Cost: \$2,270,000.**

The existing water treatment plant in Aklavik is old and in need of an upgrade. The existing water treatment plant is not expected to meet the new turbidity guideline adopted by the Guidelines for Canadian Drinking Water Quality (GCDWQ). MRIF funds will be used to upgrade or replace the existing water treatment plants aged infrastructure and process to meet the GCDWQ. Improvements in the water treatment process will reduce risk of water borne disease outbreaks for the entire population of Aklavik and its visitors. The Governments of Canada and the Northwest Territories will contribute \$855,000 and \$1,415,000 respectively to this project.

**Charter Community of Deline – Truckfill Upgrade/Replacement – Project Cost: \$1,180,000.**

The community of Deline will use MRIF funds to upgrade the water treatment plant to include filtration and upgrade the aged infrastructure, as it does not currently satisfy the new turbidity guideline adopted by the Guidelines for Canadian Drinking Water Quality (GCDWQ). The water produced by the upgraded plant will meet the revised GCDWQ. The addition of filtration to the water treatment process will improve water quality and reduce risk of water borne disease outbreaks for the entire population of Deline and its visitors. The Governments of Canada and the Northwest Territories will contribute \$440,000 and \$740,000 respectively to this project.

**Community Government of Behchokò – Water and Sewer Main Replacement – Project Cost: \$1,465,000.**

MRIF funds will be used to replace damaged sections of the water and sewer pipes as well as to upgrade the size of the water mains to ensure adequate water supply for fire protection. Replacing the damaged water and sewer mains in Rae and Edzo will reduce lagoon overload from groundwater infiltration of sewer pipes, the potential for sewage contamination of the ground, and operations and maintenance costs associated with emergency repairs necessary on aged pipes. The Governments of Canada and the Northwest Territories will contribute \$479,000 and \$986,000 respectively to this project.

**Community Government of Behchokò – Rae Vault Replacement – Project Cost: \$1,220,000.**

MRIF funds will be used to replace existing old cracked concrete vaults, which allow groundwater infiltration, with newer impermeable steel vaults. Reduced operations and maintenance costs will be realized as a result of a decrease in the volume of water being pumped and hauled from the sewage lift station to the sewage lagoon. The Governments of Canada and the Northwest Territories will contribute \$488,000 and \$732,000 respectively to this project.

**Hamlet of Holman – Filtration Upgrade – Project Cost: \$1,395,000.**

The water treatment system in Holman will be upgraded to meet the new turbidity guideline adopted by the Guidelines for Canadian Drinking Water Quality. MRIF funds will be used to upgrade the existing water treatment plant process to meet the revised GCDWQ. Improvements in the water treatment process will reduce risk of water borne disease outbreaks for the entire population of Holman and its visitors. The Governments of Canada and the Northwest Territories will contribute \$525,000 and \$870,000 respectively to this project.

**Community Government of Behchokò – Solid Waste Disposal Site – Project Cost: \$651,000.**

The existing solid waste site in Rae has reached its expected life and can no longer meet the solid waste requirements of the community. Alternate solid waste sites have been explored and MRIF funding will be used to develop the best of the alternate sites in adherence with the Guidelines for the Planning, Design, Operations and Maintenance of Modified Solid Waste Sites in the NWT. The new landfill will be designed to serve the community over the next 40 years. The Governments of Canada and the Northwest Territories will contribute \$200,000 and \$451,000 respectively to this project.

**City of Yellowknife – Corrugated Metal Pipe Replacement – Project Cost: \$10,458,067.**

The City of Yellowknife is using the MRIF program to replace approximately 19,500 m of damaged water and sewer mains. Corrugated metal sewer lines that were installed between 1940 and 1970 are being upgraded to cast iron. Uninsulated, undersized water mains are being replaced with appropriately sized insulated cast iron pipe to ensure freeze protection and adequate fire protection. The Governments of Canada and the Northwest Territories will contribute \$2,640,734 and \$4,262,084 respectively to this project. The City will cover the remainder of the cost.

**Town of Norman Wells – Water Storage Tank Replacement – Project Cost: \$1,138,666.**

Norman Wells is accessing the MRIF program to ensure an adequate supply of clean drinking water for their community. The roof of Town's water storage tank collapsed. An inspection of the interior of the tank performed in 2004 indicated subsidence in the foundation supporting the tank due to warming of the earth beneath the tank. The structural integrity of the tank has deteriorated significantly since the roof collapsed. A new tank is necessary to ensure safe drinking water. The new tank will be sized to supply sufficient capacity to the current and future population. The Governments of Canada and the Northwest Territories will contribute \$283,383 and \$571,900 respectively to this project. The Town will cover the remainder of the cost.

**Town of Inuvik – Woodbox Utilidor Replacement – Project Cost: \$8,771,550.**

The Town of Inuvik is using the MRIF program to replace 1300 m of woodbox utilidors in Town as they have passed their expected service life. The woodpiles and box shell are decaying and will be replaced with steel piles and insulated mains. Replacing the woodbox utilidors will reduce the risk of piles collapsing and causing interruptions in service and potential contamination. The Governments of Canada and the Northwest Territories will contribute \$952,506 and \$1,560,569 respectively to this project. The Town will cover the remainder of the cost.