

Slave Falls Creek Spillway Project

WHAT IS IT?



The Slave Falls Creek Spillway Project will reinforce the existing 85-year-old structure and convert it into a non-overflow dam. The Slave Falls Creek Spillway is located near the southern portion of the Slave Falls Generating Station.

WHY DO WE NEED IT?

The spillway is showing its age and needs upgrades to maintain public safety, meet Canadian Dam Association (CDA) safety requirements, and extend the life of the structure. If repairs are not completed, there is an increased risk the structure may fail resulting in an uncontrolled flow. Such a failure would pose a risk to any recreational or resource users in close proximity to the structure.

WHERE IS IT?



The spillway is located next to the Slave Falls Generating Station on the Winnipeg River 160 kilometres (km) northeast of Winnipeg and accessed via a 10 km private road from Pointe du Bois.

WHAT DOES THE REHABILITATION INVOLVE?

The rehabilitation process involves new concrete and steel reinforcement to the existing structure, and placement of a rockfill buttress on the downstream side of the spillway. Specific activities may include:

- Removal and replacement of deteriorated concrete
- Removal of existing steel stoplogs
- Addition of reinforced concrete beneath spillway deck slab and between piers
- Site access by winter road (primarily along existing power line corridor)
- Construction of cofferdams upstream of spillway
- Installation of post-tensioned rock anchors for structural stability
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WHEN WILL THE WORK HAPPEN?

The work is planned with the following anticipated schedule:

- Fall 2016 ----- Information sharing
- Winter 2017 ----- Anticipated start date of the work
- Winter 2018 ----- Anticipated completion.

ARE THERE ANY EMPLOYMENT OPPORTUNITIES?

Workforce requirements will be determined by the contractor. Manitoba Hydro will work with the contractor in order to encourage hiring from local communities.

HOW CAN YOU BE INVOLVED?

A letter and this project information sheet will be provided to local communities and groups. If desired, opportunities to meet can be arranged to further discuss the Slave Falls Creek Spillway Project.

WHAT INFORMATION HAS BEEN COLLECTED TO DATE?

Investigations have been completed to help provide information necessary for determining anticipated impacts of the project. This information was also used to submit applications in order to determine what approvals Manitoba Hydro may require for the project. The following investigations have been completed:

- Aquatic, avian, terrestrial and vegetation assessments;
- Heritage Resources Impact Assessment (HRIA); and,
- Underwater dive inspections.

Mitigation measures will be developed for the project to manage any impacts that are identified.

ARE REGULATORY REVIEWS OR PERMITS REQUIRED?

Based on Federal and Provincial applications made to date, Transport Canada and Manitoba Sustainable Development determined that the Slave Falls Creek Spillway Project does not require licensing or regulatory approval. The project may require authorization from the Department of Fisheries and Oceans depending on the final design and anticipated impacts of the project.

Work permits from Manitoba Sustainable Development will be required before work begins.

DO YOU WANT MORE INFORMATION OR WANT TO TALK?

If you want to talk to Manitoba Hydro about the Slave Falls Creek Spillway Project please contact:

Dale Hutchison

Waterway Community Engagement Section

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