

Muskrat Falls Generation Project Stakeholder Update

AUGUST 21, 2019

Impoundment Update

As planned, we are currently holding the water level in the reservoir at approximately 32m. All of our inspections on the structures have indicated they are behaving as expected. Later this week, we expect to resume impoundment and raise the water level by a rate of around a half a metre per day up to 39m - the reservoir's full supply level.

We will continue to provide important information such as safety hazards as well as details about our dam safety monitoring program.

Dam Safety Monitoring Update

The safety of our dams and facilities is our priority. We have a comprehensive Dam Safety Program for the Muskrat Falls generation facility. Our monitoring indicates that all of the structures are behaving as expected in response to reservoir impoundment. There are no safety concerns with the Muskrat Falls dams and facilities.

We have designed our dam safety monitoring program to detect any effects arising from the force or pressure of the water from the reservoir on permanent structures including the South Dam, Powerhouse, Spillway, North Dam, North Spur and three Transition Dams. We use a combination of manual and automated processes to frequently monitor the facility to confirm that the structures are performing as designed and expected. Trained staff walks around the structures to inspect, observe, and record the structures' behaviour and travel by helicopter to survey the entire reservoir area. Various instruments measure and record conditions such as water pressure, movement, water level and temperature.

Here is the surveillance monitoring and instrumentation summary for [August 12 to August 18](#). This information has been also been posted to our Muskrat Falls Project [website](#).

Safety Awareness During Impoundment

During impoundment, a number of hazards exist in and around the reservoir area. Conditions in the river, along the banks, and in the newly impounded areas, are constantly changing and changing rapidly. To ensure public safety during impoundment, please avoid the reservoir area between Muskrat Falls and Gull Island.

Water Level Monitoring on the lower Churchill River

The Department of Municipal Affairs and Environment - Water Resources Management Division regularly reports water levels on the lower Churchill River on its website - https://www.mae.gov.nl.ca/wrmd/ADRS/v6/Lower_Churchill/Lower_Churchill.asp. The water level monitoring gauge just upstream of the Muskrat Falls facility is 03OE001: https://www.mae.gov.nl.ca/wrmd/ADRS/v6/Template_Station.asp?station=03OE001.


CONTACT US

For more information or to speak to a member of our team, contact us:

1-888-576-5454

lowerchurchill@nalcorenergy.com

 Twitter: @nalcorenergy

 Facebook: [facebook.com/nalcorenergy](https://www.facebook.com/nalcorenergy)