

Muskrat Falls Generation Project Stakeholder Update

SEPTEMBER 4, 2019

Impoundment Update

By the end of today, we will have completed raising the water level in the Muskrat Falls reservoir. From this point forward, the water level in the reservoir will be within the normal operating range of 38.5 – 39.0 metres.

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. There are no safety concerns with the Muskrat Falls dams and facilities.

Here is the surveillance monitoring and instrumentation summary for [August 26 to September 1](#). This information has been also been posted to our Muskrat Falls Project [website](#).

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' behaviours and they travel by helicopter to survey the entire reservoir area. Various instruments measure and record conditions such as water pressure, movement, water level and temperature.

Safety Awareness in the Muskrat Falls Reservoir

As a number of hazards exist in and around the reservoir, we continue to advise people to avoid the Muskrat Falls reservoir downstream of the Gull Island site. Conditions in the river, along the banks, and in the newly impounded areas, are constantly changing and changing rapidly.

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)