

Water-Up and Impoundment

Week #8, April 17, 2020

Keeyask is Watered-up

North Channel Rock Groin removal in the wet is complete. All upstream temporary structures required for river management during construction of the project are either lowered or removed. Earthworks is in the final stages of removing the haul road that lead to the North Channel Rock Groin.

Impoundment is postponed until early Fall 2020.

Water Levels as of April 16

Split Lake Level		
Last Week	Current Level	Forecast for Next Week
167.83 m 550.6 ft	167.81 m 550.6 ft	167.6 to 168.0 m 549.9 to 551.2 ft

Clark Lake Level		
Last Week	Current Level	Forecast for Next Week
167.32 m 549.0 ft	167.31 m 548.9 ft	167.1 to 167.5 m 548.2 to 549.5 ft

Gull Lake Level		
Last Week	Current Level	Forecast for Next Week
156.3 m 512.8 ft	156.25 m 512.6 ft	156.2 to 156.6 m 512.4 to 513.5 ft

Level at Keeyask GS (inside the water-up area)		
Last Week	Current Level	Forecast for Next Week
155.7 m 510.8 ft	155.7 m 510.8 ft	155.0 to 156.0 m 508.5 to 511.8 ft

MH and ATK Monitoring Field Activities

Caribou

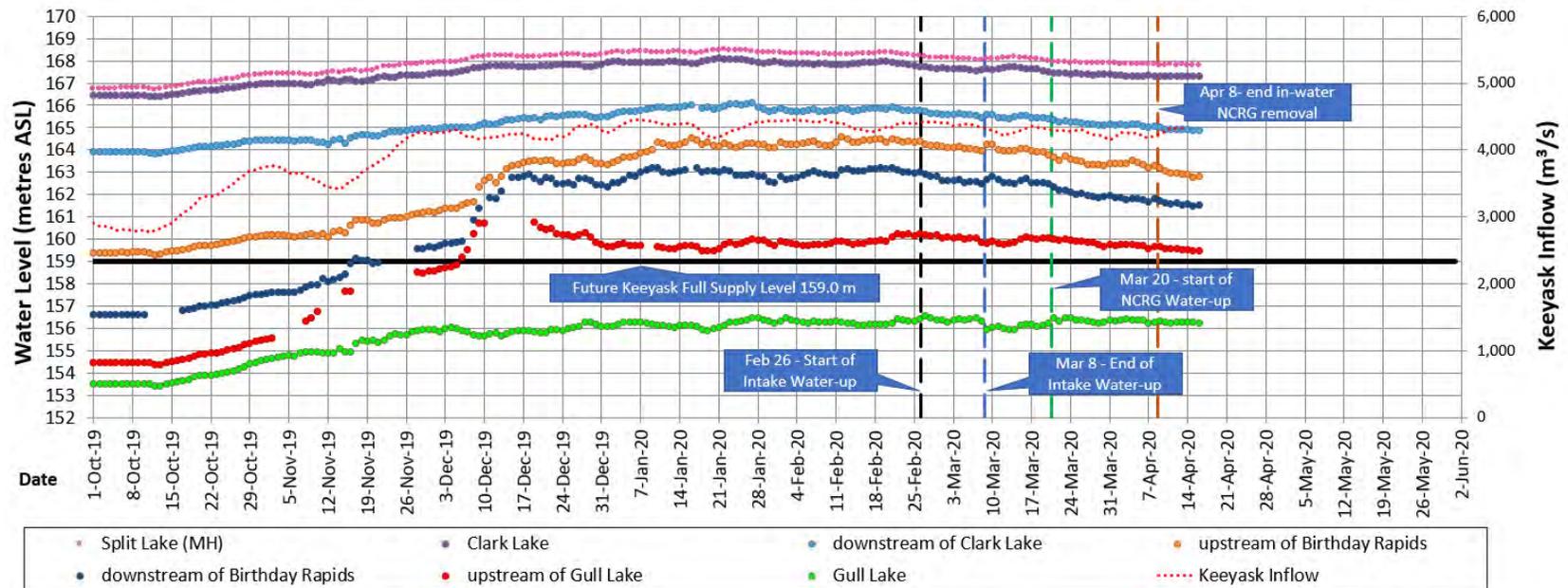
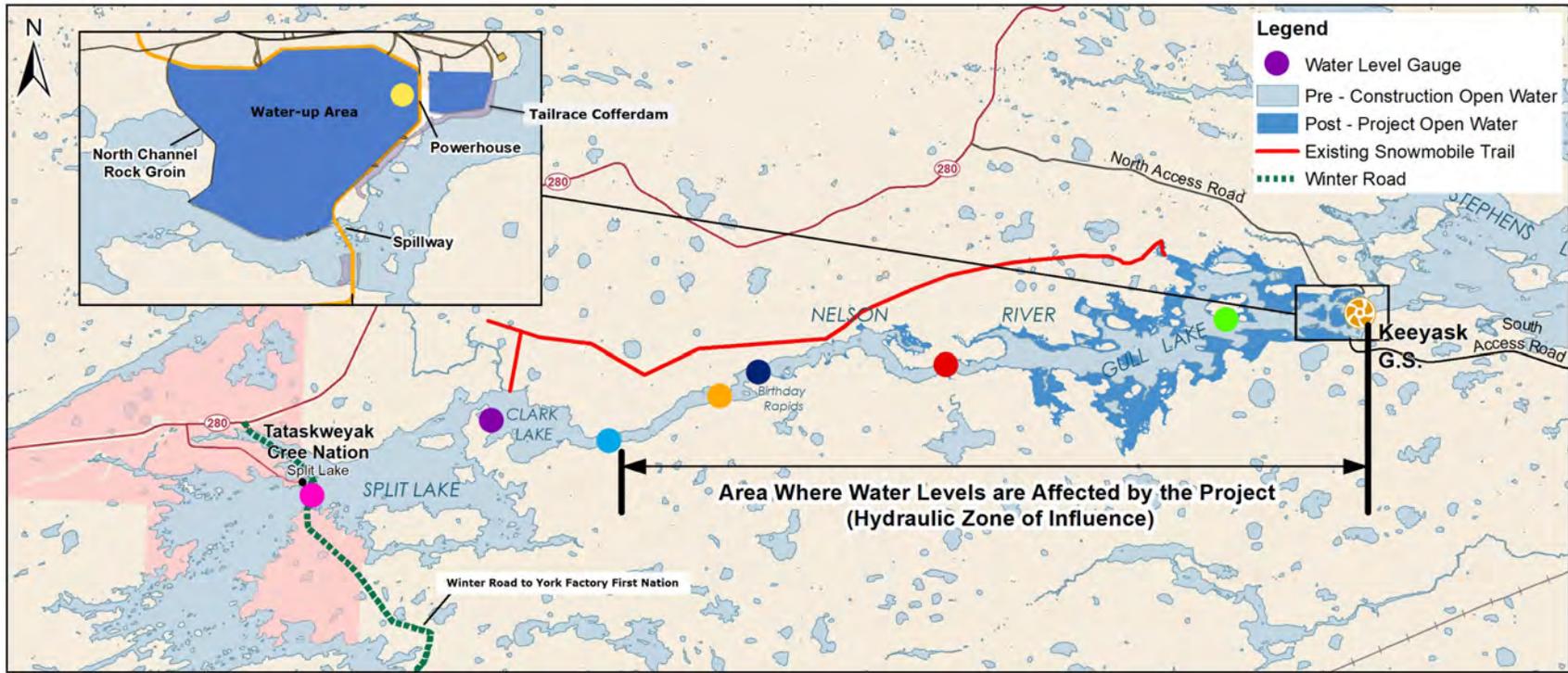
The Keeyask Caribou Coordination Committee's caribou monitoring network has now wrapped up its monitoring activities and reporting for the water-up period. No new observations were shared during the final week of monitoring.

Ice Conditions/Water Level Gauges

The water level on Gull Lake had small variations due to spillway gate operations and remains elevated relative to the water level prior to water-up. Further upstream, while flows have been relatively steady, water levels continue to slowly decline as expected at this time of year. Upstream levels continue to respond to weather, ice and flow conditions and do not indicate any impact due to water-up activities.

MB Hydro staff continue to monitor the Keeyask water level gauges (see map) and ice conditions. Regular maintenance visits are planned subject to work limitations due to COVID-19.





There are no effects from Keyask watering-up activities anticipated at Split Lake. After impoundment, the reservoir will extend approximately 42 km from the Keyask Generating Station to about 3 km downstream of the outlet of Clark Lake.

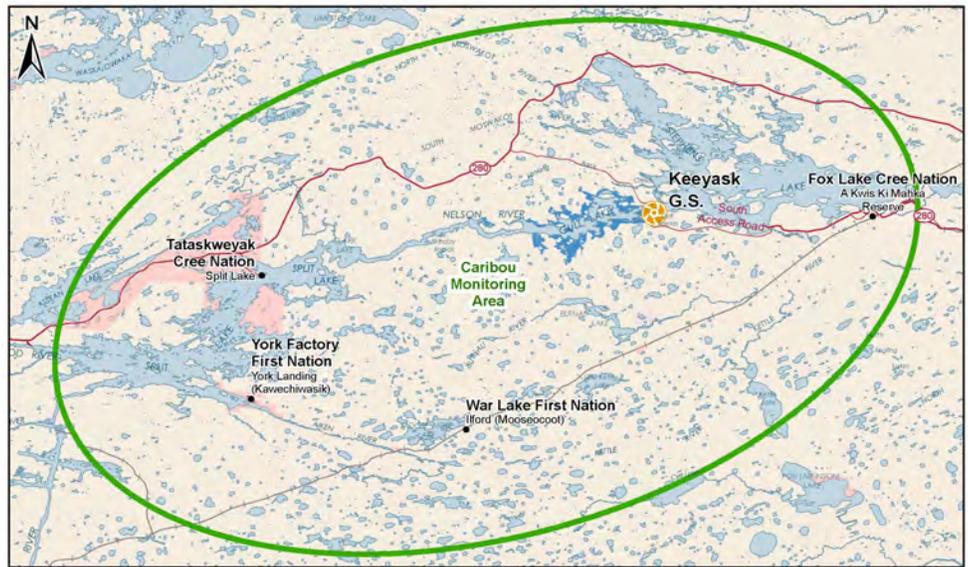


Tailrace cofferdam removal on April 15, 2020.



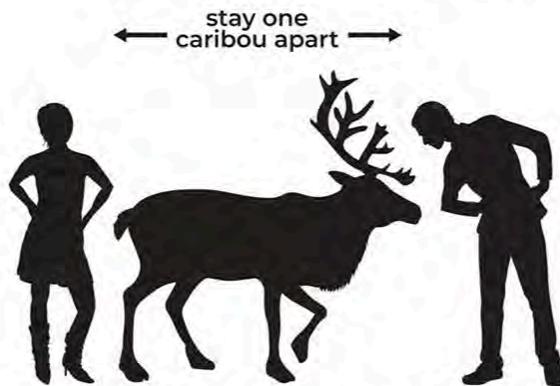
Satellite image from April 13, 2020. The extent of ice cover is mostly unchanged with some minor changes observed at Birthday Rapids where some small open water leads are visible.

Within the green circle is the general caribou monitoring area being covered by the Keeyask Caribou Coordination Committee's caribou monitoring network. This network includes observations from partner First Nations members out on the land, ATK monitoring staff, Provincial Wildlife Branch staff, Keeyask site staff, and aerial surveys under the Keeyask Terrestrial Effects Monitoring Plan (TEMP).



What does physical distancing look like?

(also known as “social distancing”)



Note: please stay at least 90 metres / 300 feet away from actual caribou.

A sign developed by the Government of Yukon to show physical distancing requirements during the current COVID-19 pandemic.

STAY SAFE: Due to rapidly changing conditions, please avoid all travel on the Nelson River from Clark Lake to the Keeyask Site. A land-based trail from Clark Lake to Gull Lake on the north side of the Nelson River is a safe, alternate travel route.

Visit these websites for more information on:

Water-up and impoundment activities: keyask.com

Water levels and flows: www.hydro.mb.ca/waterlevels

Winter Roads: <https://www.manitoba511.ca/en>

Weather: https://weather.gc.ca/forecast/canada/index_e.html?id=MB

The winter road from PR280 to York Landing and Iford was officially closed for the season by the province March 26, 11:59 p.m.

If you have any questions or concerns, please contact your **KCN Site Rep** or **Diana Mager** at dmager@hydro.mb.ca

