

Environmental Risk Assessment

With the technical support of CanNorth, a very conservative risk assessment was completed in late 2018 and early 2019 on Cameco's proposed temporary suspension of mine water pumping activities at the Eagle Point mine.

The assessment demonstrated that predicted concentrations in Collins Bay of Wollaston Lake will remain essentially the same as current conditions.

Any potential changes to water and sediment quality in Collins Bay of Wollaston Lake were expected to be negligible and the assessment showed that levels would remain well below regulatory guidelines.

Cameco will continue to conduct environmental monitoring programs at the Rabbit Lake Operation. This includes monitoring of air, surface water, groundwater, and the land and water environments in the area – including that surrounding the Eagle Point mine.

Given the results of the assessment, we are confident that people can use the lake in the same way and the environment will remain protected if pumping activities at the Eagle Point mine are temporarily suspended.

The Risk Assessment Process

Predictions were made using conservative assumptions to represent the maximum concentrations in the water that could move from the mine workings into Collins Bay.

Using this information, the assessment predicted the influence of the water from the mine workings on the sediment and water quality in Wollaston Lake.

The results demonstrated that the predicted changes in Wollaston Lake would be consistent with current concentrations, and that people and the environment would remain protected.

Next Steps

- Continue regular engagement activities with the Athabasca Joint Engagement and Environmental Subcommittee (AJES) and other appropriate stakeholders to ensure they are well informed and answer any questions that arise
- Continue routine monitoring in accordance with our approved environmental monitoring programs
- Submit our regulatory application to the Canadian Nuclear Safety Commission and Saskatchewan Ministry of the Environment in the spring of 2019
- Final decision on temporarily suspending pumping activities will occur if regulatory approvals are granted and after further evaluation of market conditions. We expect regulatory decision by fall of 2019.