



FAQ – Hollow Glen dam renovation work

September 9 2014 – Public Meeting

1) When will renovation work begin?

Renovation work will begin September 15, 2014.

2) When will renovation work be completed?

The first phase of work consisting of civil engineering will be completed in early November 2014. The second phase of work consisting of the valve installation will last less than two weeks and will take place in December 2014 if meteorological and the lake's conditions permits.

3) Tress will be cut in order to carry out the renovation work. Will all trees be cut and is it safe?

Trees will be cut according to their dimensions and their potential impact on the dam. Stone will be used as reinforcement where trees will be cut.

4) Will the water reach the slopes? If that's the case, how can you ensure that there will be no negative impact on our land?

The center of the marsh is lower than the slopes. Consequently, water should not reach the base of the slopes. The water flow will be very low and controlled. Therefore, there is no expected impact to be incurred on adjacent lands.

5) Were the landslide zones taken into consideration?

These zones were taken into consideration in the work conception and emergency measures plan.

6) Who will be responsible if the land or residences are damaged?

If the land or residences are damaged during the work and is a conception error, it will be the responsibility of the engineers. If it is a construction error, it will be the responsibility of the contractor.

7) Will there be water at the base of our land?

No, otherwise it would be a level of low importance. The only situation where water could reach the land is in case of significant flooding during the work, which is out of our control.

8) Will des Castors Road be completely closed?

No, des Castors Road will not be closed.

9) Is there a way to ensure debris does not obstruct the dam?

The current dam has two culverts that will be replaced by one culvert with a width of five meters in diameters. Therefore, debris will not be able to obstruct the dam.

10) At what level will the drain be installed and will it be permanent?

A drain will be installed temporarily at the 102.3 m level to ensure a good flow and stability of water level.

11) Will the water level and flow change throughout the year?

No. Water level will remain the same throughout the year. The valve will control the flow according to the circumstances. In the spring, the flow will be a little higher, but more stable and controlled with the installation of the valve.

12) Has geotechnical studies been conducted prior to engineering planning?

Yes. Studies at the dam and spillway locations have been made that includes bore holes and geotechnical tests such as soil liquefaction.

13) Land downstream from the dam is made of clay and has already been subjected to erosion in the past years. Is there a slumping risk?

The dam and spillway were designed to take into account geotechnical constraints that were defined as part as a comprehensive geotechnical study. The renovation work on the dam does not change the stability issue of the soil downstream of the dam.

14) Can a bike path be added along Hollow Glen Road?

The Municipality's orientation is to add bike paths on roads where right of way permits the addition. However, the width of the Hollow Glen Road does not allow for a bike path addition.

15) Will a hydrant be installed?

Yes, a hydrant will be installed next to the dam.

16) Will the Municipality send a report to a water expertise centre and will vegetation be controlled on the dam?

The Municipality will respect any request to deposit any report from the Centre d'expertise hydrique du Québec (CEHQ). In addition, vegetation on the dam will be controlled periodically.

17) Will there be any additional work on the canal upstream from the dam?

Yes, a cofferdam will be installed and will be removed once the renovation work are completed. Additionally, the Beamish dam will be dismantled completely. (See question 9)