

Figure 1 G. Ross Lord Dam carries the highest potential risk of any TRCA dam based on risk to life and property.



Figure 2 Claireville Dam was constructed in 1963 and requires major maintenance to meet current dam safety guidelines.

Attachment 4: Photographs of various TRCA flood infrastructure and projects



Figure 3 Claireville Dam wing wall settlement investigation.



Figure 4 Failed spillway pipe at Glen Haffy Fly Fishing Upper Dam

Attachment 4: Photographs of various TRCA flood infrastructure and projects

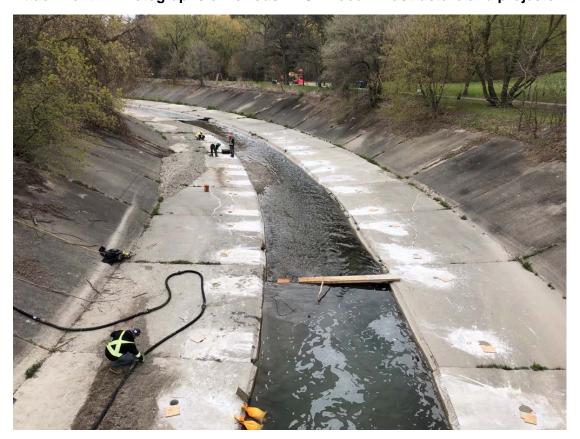


Figure 5 Yonge/York Mills Channel concrete repair in 2020.



Figure 6 Bolton Berm 2016 geotechnical investigation.



Figure 7 Stouffville Dam undergoing earthquake liquefaction investigation.



Figure 8 TRCA remote-controlled slope mower cutting the G. Ross Lord Dam embankment. This equipment allows very steep slopes to be maintained without putting staff at risk.

Attachment 4: Photographs of various TRCA flood infrastructure and projects



Figure 9 Milne Dam's spillway is too small for extreme floods and requires upgrades to withstand overtopping.



Figure 10 Black Creek Flood Control Channel undergoing major maintenance to restore conveyance.





Figure 11 Scarlett Flood Control Channel erosion repair before and after photos.



Figure 12 Vegetation removal at Yonge/York Mills Channel as part of TRCA's preventative maintenance program.

Attachment 4: Photographs of various TRCA flood infrastructure and projects



Figure 13 Partially blocked flood control channel at Black Creek.



Figure 14 Black Creek Channel after major maintenance (2014).



Figure 15 Bolton Berm before major maintenance and upgrades.



Figure 16 Bolton Berm repair as seen from drone survey (2020).



Figure 17 Bolton Berm rip rap installation (2020).