

Attachment 4: Photographs of various TRCA flood infrastructure and projects



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.

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Figure 3 Claireville Dam wing wall settlement investigation.



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

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

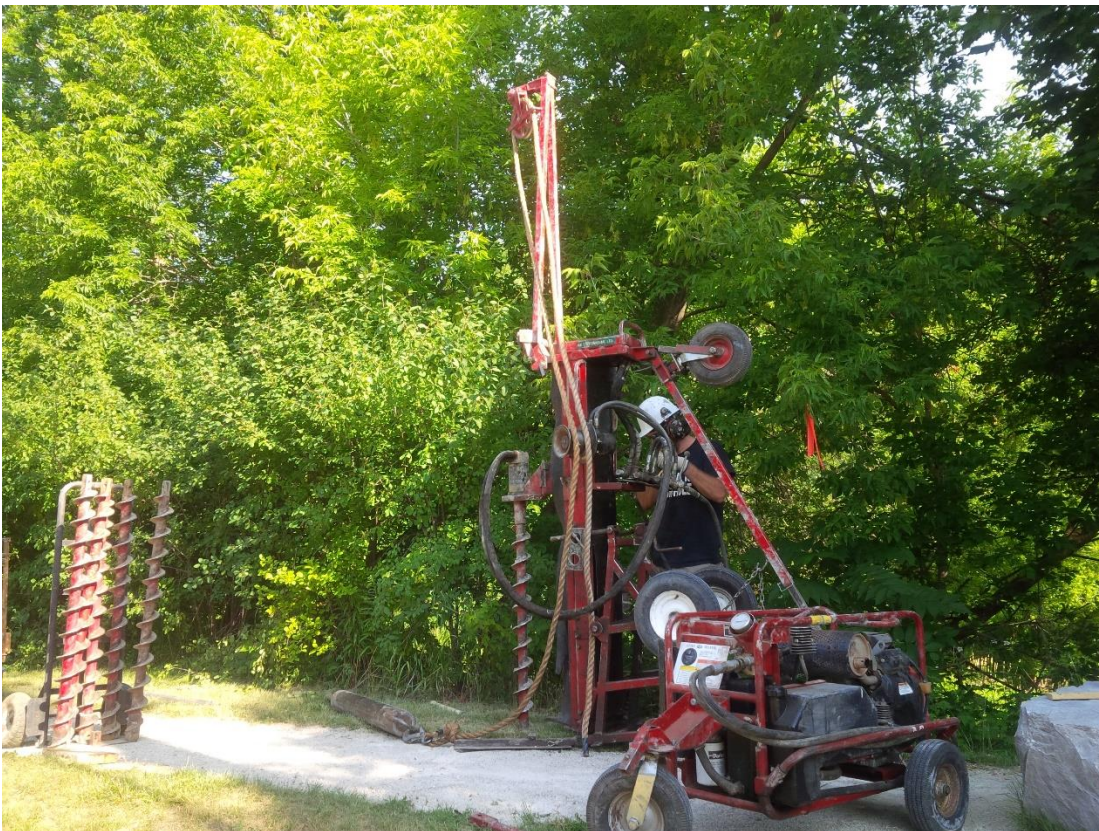


Figure 6 Bolton Berm 2016 geotechnical investigation.

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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.

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

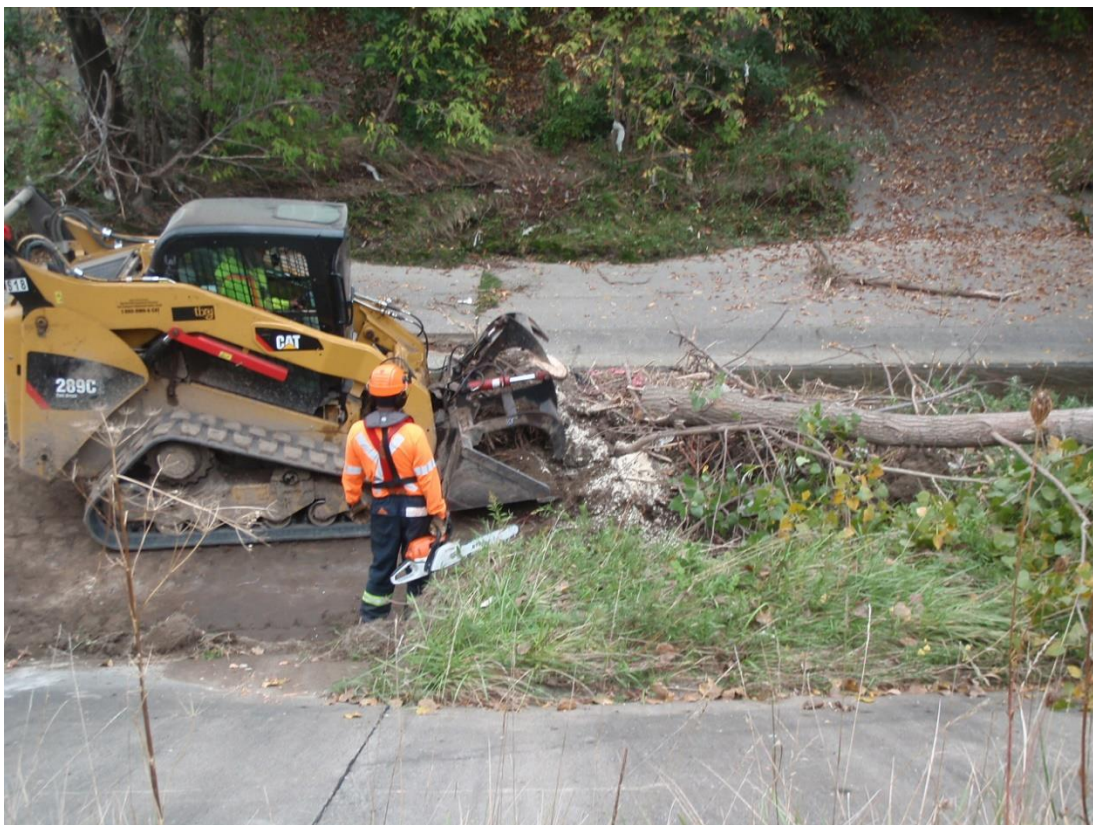


Figure 10 Black Creek Flood Control Channel undergoing major maintenance to restore conveyance.

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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.

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Figure 13 Partially blocked flood control channel at Black Creek.



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

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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).