



**RE: Temporary Closure of Multi-Use Trail for Municipal Storm Sewer Construction  
J. C. Saddington Park to Pine Avenue South  
January – March 2022**

A Temporary Closure of the Multi-Use Trail is required to accommodate installation of new and upgrading/replacing of existing municipal storm sewer lines and outfalls. This work, being undertaken by the Port Credit West Village Partners, has been approved by the City of Mississauga, and various levels of governments and authorities (as outlined below), and applicable permits have been obtained. A pedestrian and cycling detour will be required in the interim, and this route is included in a detour plan below.

The Brightwater Development incorporates various Low Impact Design measures that will significantly reduce stormwater runoff and outflow to Lake Ontario; however infrastructure installation construction is required now to properly service both the existing and future community. This municipal infrastructure will ultimately be owned and operated by the City of Mississauga.

The design will require the following works to be completed during the Q1 2022 Winter Season:

**A. Upgrade/replacement of Existing Mississauga Road South Municipal Storm Sewer Trunk and J.C. Saddington Park Outlet:**

Upgrade to the existing storm sewer that runs along the west side of Mississauga Road South and outlets into Lake Ontario at J. C. Saddington Park. This work is necessary as the volumes entering the existing sewer have already surpassed its design capacity for the existing community. Brightwater has little impact to the overall capacity of this pipeline. Through co-operation with the City of Mississauga, the capacity of the storm sewer pipe will be increased to accommodate new design parameters that recognize the impacts of climate change and increased upstream loading, and is a benefit to the existing Port Credit community.

**B. New Storm Sewer Trunk:** New sewer pipe servicing the west third of the Brightwater site, including an outlet to Lake Ontario. This replaces a former outlet that serviced the previous uses on site.

Why is it necessary to close the trail from January to March?

The January to March 2022 timeframe to complete the works was selected for the following reasons which took into consideration impact to both the public and the environment:

1. **Public Safety:** Safety is our number one priority and Brightwater's construction program is designed to minimize the impact to the public. Risks to the public include deep open excavations, open water, moving equipment and always the unexpected. Closure of the trail at J. C. Saddington Park and Pine/Maple

Avenue South will mitigate the risk to the public while satisfying regulatory requirements to separate non-workers from the risks. Safe work practices will be implemented on site that will meet or exceed regulatory requirements and industry best practices. We expect that the works will be completed during the posted closure, but there will be a very short closure during the summer to facilitate the permanent restoration to the trail.

2. Environment: The Credit River and Lake Ontario are very important fisheries to both the City and the Province and as such the Department of Fisheries and Oceans (DFO) limits work in water to the following time periods:
  - i. Winter Season -January to March
  - ii. Summer - July -September

The above timeframes avoid impact to spring and fall season fish and aquatic spawning and reproduction cycles.

3. Reduced Use of Trail during Winter Months: We recognize that the trail is used throughout the year, but using the abovementioned specified time periods from the DFO, the Brightwater team believes the winter months of January to March is less impactful to the community and public.
4. Scope of Work and Size Pipe: The approved size of the pipeline along Mississauga Road South is of such a large scale that it requires a 7 metre trench to place, and is approximately 4 meters in width. The structure is designed to be rectangular to accommodate the shallow soil cover over the pipe at the shoreline and along Mississauga Road South. Given such an immense pipe structure, it is a slow process to place the pipe. Each outfall will be constructed separately to align with offsite custom fabrication of required materials. Each length of pipe has to be placed directly from the delivery truck. Delivery and placement limits production to two lengths (14 metres) of pipe per day.
5. Work Conditions – Of the 2 windows available Winter is the more expeditious season to complete the works due to lower water levels in the lake, firmer ground near the shore, and reduced precipitation.

We empathize with the impacts on the community from the construction activities, and best efforts will be made to expedite the construction and reduce impact to our neighbours and trail users. For further information, we have included drawing(s) which show the detail and location of the work. We will update the [www.pcwestvillagepartners.ca/construction](http://www.pcwestvillagepartners.ca/construction) website for updates as they occur.

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Please refer to details below should you require further information regarding the Storm Sewer works at Brightwater.

- a) What other Authorities were consulted for these works?

While DFO was one of the many authorities permitting or giving authority to the work, a number of other authorities reviewed and permitted the approved works; including but not limited to:

- Mississaugas of the Credit First Nation
- Department of Fisheries and Oceans
- Ministry of Environment, Conservation and Parks
- Ministry of Natural Resources
- City of Mississauga, Transportation and Works Department
- City of Mississauga Community Services Department
- City of Mississauga, Planning and Building Department
- Region of Peel
- The Credit Valley Conservation Authority

b) Why will it take 3 months to build 2 outfalls?

Construction of the outfalls involve various activities and measures that need to be undertaken including but not limited to:

- Installation of Turbidity Curtains: Turbidity curtains are installed to prevent silt from entering the lake and suffocating fish or covering valuable spawning beds.
- Construction of temporary coffer dams. This is a temporary measure in the event that water levels become too high.
- Remove former shore protection (existing wall in those locations where new work is going)
- Remove old headwall and pipe
- Install new headwall
- Install outfall pipe
- Install new shoreline protection
- Removal of temporary in water works
- Placement of pipeline
- Temporary reinstatement of roadways and pathway