

# Hydrogeology field work in your community

February 9, 2023 - March 9, 2023



## What is the Yonge North Subway Extension Project?

The Yonge North Subway Extension will bring roughly eight kilometers of new subway service on TTC's Line 1, north from Finch Station to Richmond Hill. This important and much-needed project will make it faster and easier for more people to travel between York Region and downtown Toronto while cutting down on traffic congestion and pollution.

## What is happening?

Contractors working on behalf of Metrolinx will conduct hydrogeology field work in your community in preparation for construction planning for the subway. Hydrogeology field work examines water found underground that may impact construction of underground tunnels.

## What can you expect?

The data collection process involves dropping 4 to 5-inch data loggers into wells to collect pressure data and water levels in preparation for construction. Dewatering is an important part of the construction process; it helps the contractors identify how much water will need to be removed while the tunnel is being built. This process will not create any surface level disturbance other than the traffic control required for the 30 minutes to 1 hour needed to complete the work. A crew member will be directing traffic around the work.

as needed to allow for traffic to flow in both directions, no road closures will be required. No environmental impacts are projected.

The groundwater sampling will require a small generator that will create limited noise to the immediate surrounding area. This process will not create any surface level disturbance other than the traffic control required for the 2 to 3 hours needed to complete this work. Any water that is pulled up will be stored in buckets until disposed of off-site in barrels to be collected at a later date. No environmental impacts are projected.

### **Where is it happening?**

The work will take place on municipal roads at the following locations:

1. **Banquo Road (two sections in the centre of the street)**  
Work: Data logger pick ups | Time: 30 minutes - 1 hour
2. **Shieldmark Crescent (northeast corner)**  
Work: Data logger pick ups | Time: 30 minutes - 1 hour
3. **Bay Thorn Drive (southwest corner intersecting Inverlochy Boulevard)**  
Work: Data logger pick ups | Time: 30 minutes - 1 hour
4. **Thorny Brae Drive (southwest corner)**  
Work: Data logger pick ups | Time: 30 minutes - 1 hour
5. **Kirk Drive (northeast corner, between Thorny Brae Drive & Banquo Road)**  
Work: Water sampling | Time: 2 - 3 hours
6. **Bay Thorn Drive (east side, across Royal Orchard Park)**  
Work: Water sampling | Time: 2 - 3 hours

### **How long will it last?**

Work will take place between 9:00AM and 3:30PM to limit impacts on traffic and schools in the area. The work is scheduled to begin on February 9, 2023 and is projected to be completed by March 9, 2023. Data logger pickups will require 30 minutes to 1 hour to be completed, while the water sampling will require 2 to 3 hours per location.

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#### **Contact Us:**

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