

## Phase 2: Environmental Site Assessment (ESA) at 1 Royal Orchard Blvd.

**Scheduled work period:** September 23 - 24, 2024

**Timing:** 8:00 a.m. to 6:00 p.m.

### What is happening?

The Phase Two Environmental Site Assessment (ESA) to be initiated at the property located at 1 Royal Orchard Boulevard, Markham, Ontario, is to support the overall due diligence environmental program in support of the Yonge North Subway Extension (YNSE). Phase 2: ESA assesses the environmental conditions of the soil and groundwater.

### About the Yonge North Subway Extension

The Yonge North Subway Extension will transform the commute in York Region, Toronto and beyond by extending the TTC's Line 1 subway service north from Finch Station into Vaughan, Markham and Richmond Hill. This extension includes five confirmed subway stations along an extension of roughly eight kilometers.

#### OVERVIEW OF PHASE 2, ESA

- Phase 2 ESA involves drilling a borehole to a depth of 18 meters and install a 50 mm PVC monitoring well to collect soil and groundwater samples for analysis.
- The anticipated drilling activities will require 1 day to complete, followed by groundwater monitoring and sample activities over two weeks. Field personnel may not be on-site continuously following the drilling.

#### WHAT TO EXPECT

- Two above ground parking spaces will be required for access to conduct the drilling activities, while also allowing parking spaces to be open.
- During this work, crews will be on-site with a truck or track-mounted drilling rig, hand tools, and drums for storing soil cuttings and groundwater. The work area will be clearly marked and secured with pylons to ensure public safety.
- Residents may experience brief periods of increased noise during the drilling process. Noise and vibration levels will be closely monitored, and measures will be taken to reduce disturbances where necessary.
- **Work may be rescheduled due to weather conditions or unforeseen circumstances.**

#### WORK DETAILS

- Prior to drilling, underground utilities will be marked using spray paint after consultation with private and public utility locators.
- The borehole drilling will take approximately one day, and the well installation will be followed by groundwater monitoring and sampling over a two-day period.
- The area will be restored to its original condition, and any generated waste will be safely removed by a licensed contractor.



Still have questions? Ask us! [YongeSubwayExt@metrolinx.com](mailto:YongeSubwayExt@metrolinx.com), or 416-202-7000.

✉ Visit us at: **295 High Tech Road Unit 4, Richmond Hill**

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Disponible en français sur demande. Si vous êtes intéressé, veuillez envoyer un courriel à [YongeSubwayExt@metrolinx.com](mailto:YongeSubwayExt@metrolinx.com).