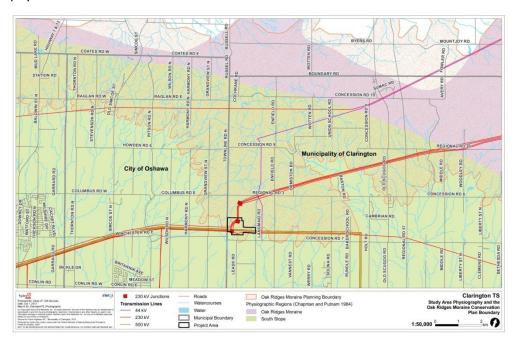
Clarington Transformer Station

Fact Sheet: PROTECTING THE MORAINE

WHERE IS THE STATION LOCATED?

The project area borders Concession Road 7 to the south, Langmaid Road to the east, Durham Road North to the north and Townline Road North to the west.

While the Clarington TS property is partially within the area designated under the Oak Ridges Moraine Conservation Plan (ORMCP), it occurs on the South Slope physiographic region, whereas the core Oak Ridges Moraine physiographic region is located approximately 6 km to the north of the transformer station site (Chapman and Putnam, 1984). Figure 3 – 6 in the Clarington TS Final Environmental Study Report (ESR) shows the boundaries for the Oak Ridges Moraine and South Slope physiographic regions and the boundary of the ORMCP area. This figure illustrates the difference between the Oak Ridges Moraine physical and ORMCP boundaries.



IS HYDRO ONE PERMITTED TO BUILD WITHIN THE OAK RIDGES MORAINE CONSERVATION PLAN AREA?

Hydro One is often required to develop or refurbish infrastructure on protected lands such as the Oak Ridges Moraine and the Greenbelt. Utilities (including transmission infrastructure) are permitted in many of these protected areas, including the areas governed by the ORMCP.

Section 41 of the ORMCP describes the requirements that apply to infrastructure being located within the Oak Ridges Moraine planning boundary, and Hydro One has addressed the ORMCP Section 41 requirements in the Clarington TS ESR. Although Hydro One is permitted to build Clarington TS in this location, a comprehensive Class Environmental Assessment (EA) was conducted to ensure the property was suitable to locate the station from an environmental perspective and that the natural environment would remain protected throughout the construction and operation of the station.

HOW WILL HYDRO ONE KEEP THE OAK RIDGES MORAINE PROTECTED?

Hydro One is committed to protecting and preserving the natural form and function of the Oak Ridges Moraine. Hydro One is implementing a Groundwater and Surface Water Monitoring Program ("Monitoring Program") on-site aimed at ensuring groundwater quality and quantity is not affected throughout the construction or operation of this station. More information can be found on the Private Well and On-site Monitoring Fact Sheet and in the Pre-Station Construction Groundwater and Surface Water baseline Conditions Report, which can be accessed from www.HydroOne.com/Projects/Clarington.