

Groundwater-Surface Water Monitoring Program (Pre-Development)

Location: 1300, 1316, 1326, 1342, and 1350 Bronte Road Oakville, Ontario

Purpose of Program:

- To monitor the seasonal changes in water levels at the property pre-construction, during construction and post construction.
- To assess potential changes in the shallow groundwater levels and potential impacts to the shallow seep near Pond 2 during the various stages of the development.

Scope of Work (Pre-Development)

- a. Installation of staff gauges and dataloggers at Pond 1 and 2 for continuous monitoring
- b. Installation of dataloggers at 4 selected wells for continuous monitoring
- c. Quarterly and bi-weekly monitoring to download data and obtain manual reading for calibration (12 months)
 - Pond 1 (main pond) and Pond 2 (Small Pond)
 - Visual inspection of Seep 1(Near Pond) and Seep 2 (Regional-Valley land)
 - Groundwater Level monitoring at all monitoring: Total wells (11)

The monitoring program involves monitoring the groundwater level in shallow wells and Ponds on a quarterly basis. The frequency of monitoring will be increased during the months with seasonal high-water levels, with observations made bi-weekly. Also, shallow, and deeper seep areas will be observed visually.

Reporting

- Results of monitoring will be submitted to the Region annually. The report will include the results of the annual monitoring, impacts to shallow water level and associated seeps and discussion of mitigation measures to manage impacts.