



UNIVERSITY ENDOWMENT LANDS

Drilled Geothermal Installations in SF1 and SF2

POLICY

Purpose:

The purpose of this policy is to identify potential impacts of deep drilling or excavating, prior to Building Permit (BP) issuance. Through the provision of a report and Letter of Assurance by an appropriate Qualified Professional (e.g. Hydro-Geologist or Geotechnical Engineer) at the time of BP application, the potential impacts and measures to mitigate uplift or potential flooding can be identified and dealt with as specified by the Qualified Professional.

Background:

Deep water aquifers, artesian wells and high water tables have been unearthed on occasion, during excavation in the UEL. Development, including but not limited to drilling for geothermal installations or deep excavations for building foundations, has the potential to subject a building or surrounding buildings to flooding and/or structural impacts.

Application:

This Policy applies to all geothermal installations in the SF1 and SF2 Land Use Districts. All geothermal installations in the UEL require a BP. As part of the BP application, the Owner or Applicant must submit:

- a signed and sealed Report and Letter of Assurance from a Hydro-Geologist or Geotechnical Engineer, who will supervise the project
- proof of qualification (license) and liability insurance from the driller

Advisements:

- Work must not commence until the required permits are issued by the UEL.
- Properties in Area B must also comply with the requirements set out in the UEL's Area B Geotechnical & Stormwater Requirement Policy.

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