

M Hydrologist or Hydro-Geologist Report **Master Requirement ENV 110**



Purpose

To identify potential impacts to the groundwater table or surface water characteristics as a result of development. The report will also propose methods to mitigate, monitor or alleviate impacts as a result of the proposed work , project or development.

Background

Developments with large or deep excavations or developments in areas of high water tables, if not properly identified, may be subject to environmental or structural problems.

Preserving the natural migration of groundwater into District streams and wetlands is vital for the survival of District fish populations. Where possible the District will be requiring that groundwater NOT be intercepted into drainage system but allowed to migrate naturally.

Building foundations proposed for depths suspected to be below the water table may require a Hydrologist or Hydro-Geologist Report to detail groundwater conditions. If required the report must also propose methods to protect against uplift, potential flooding and extra drainage requirements.

Requirements

Content:

- Only asked for on complex sites AND where a soil and/ or aquatic permit is required.
- Must be signed and sealed by Registered Professional Engineer of Geoscientist with demonstrated experience in groundwater hydrology.

Sample reports are available upon request.

Timing: If identified as a requirement the report must be produced and submitted before an application for a Building Permit will be accepted.

Owner: Applicant is required to hire a Registered Professional Engineer or Geoscientist with demonstrated experience in groundwater hydrology and mitigation.

Applicant or owner is responsible to obtain and submit report with Building Permit application.

Related Requirements/Documents/Forms

None.

Contacts

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