



Canadian Environmental Law Association
L'Association canadienne du droit de l'environnement

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April 25, 1984

Mr. Douglas Hodgson
Osler, Hoskin & Harcourt
P.O. Box 50
67th Floor
First Canadian Place
Toronto, Ontario
M5X 1B8

Dear Mr. Hodgson:

Re: Proposed Expansion of the Burlington Landfill -
Your File Number: 62,071

Further to our conversation yesterday, we have listed a number of calculations or other information needed by our hydrogeologist for his review.

1. Details on how the hydraulic gradients were arrived at for Gartner Lee's linear velocity calculations in the till and the shale.
2. What type of sampling device was used in the manhole for sampling leachate?
3. What are the design parameters for the sedimentation pond?
4. On page O-28 of Volume II, reference is made to permeability calculations in Appendix O-1. Please supply copies of these calculations as they do not appear in Appendix O-1.
5. How were the boreholes triconed? (wet or dry)
6. What surface area was used to calculate infiltration data, i.e. $Q = CIA$?

Thank you very much for your attention to these questions and we look forward to receiving the answers as soon as possible.

Yours truly,

CANADIAN ENVIRONMENTAL LAW ASSOCIATION

Toby Vigod
Toby Vigod
Counsel