

**Ministry of Natural Resources  
and Forestry**

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Via RESS filing, e-mail and courier (2 hard-copies to Board)

Our File No. 939-11-0088

June 17, 2016

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**RE: Pembina Infrastructure and Logistics LP**

- Board File Number: EB-2015-0032
- Application for a permit to drill a hydrocarbon injection/withdrawal well in the Corunna Designated Gas Storage Area in the Township of St. Clair in Lambton County

Dear Madams,

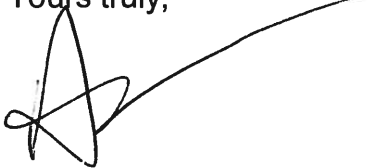
In response to the Board's latest procedural order, below you will find the written interrogatories of the Ministry of Natural Resources and Forestry to the Applicant.

Supplementary Interrogatories of the Ministry of Natural Resources and Forestry

MNRF has received the Risk Assessment Cavern 45 Re-drill dated April 20, 2016 and the Operational High Level Geomechanical Review of Pembina NGL Canada's Sarnia Storage Facility Topical Report RSI-2562 March 2016 by Respec. Overall, MNRF is satisfied that the applicant has undertaken the studies required, subject to the requests for clarification sought below.

1. With respect to Risk Assessment Cavern 45 Re-drill dated April 20, 2016,
  - a) Please advise if the risk assessment provided any hazards where the risks were deemed to be unacceptable and have not yet been dealt with.
  - b) As per Pembina NGL Corporation Corunna Storage Facility Cavern 45 Assessment of Neighbouring Activities, please confirm that there are no expected adverse consequences on nearby storage natural gas storage facilities, nearby local subsurface aquifers and other cavern storage operations.
2. With respect to the March 2016 Geomechanical Review by Respec,
  - a) Please advise if there are any identified concerns with reference to Cavern 45 that would limit its size dimensions or distance to adjacent facilities?
  - b) The CSA Z341 requires a minimum S:D ratio of 2:1. Respec concludes in its report that this may not be possible. Please provide your comments on the implications of not meeting this requirement.
  - c) With respect to the distances between caverns (inter-cavern spacing), are there any issues identified that may impact planned storage operations? If yes, please provide what measures will be undertaken to address these issues.

Yours truly,



Demetrius Kappos  
Counsel  
Legal Services Branch

c.: All Intervenors on the attached List (by email)

**Pembina Infrastructure and Logistics LP  
EB-2015-0032**

**List of Intervenors**

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