

EB-2011-0076
EB-2011-0077
EB-2011-0078
EB-2011-0285

Tribute Resources Inc.
and Bayfield Resources Inc. as general partner for Huron Bayfield Limited Partnership and
Bayfield Pipeline Corp (collectively "Tribute")
Answer to Interrogatory from
Ministry of Natural Resources
Legal Service Branch Interrogatories

Reference: In response to Issues List items 2.2, 3.2, 3.3 and 3.4 and the evidence in the Applicant's Binder 1, tab D1, page 6 (OGSRA requirements – Z-341 Storage of Hydrocarbons in Underground Formations); and Binder 2, tab D2:

Preamble:

Question 1 :

Please confirm that Tribute will follow the *CSA Standard Z-341 Storage of Hydrocarbons in Underground Formations* requirements including for the drilling, operation, maintenance and abandonment of the wells.

Answer:

Tribute will follow CSA Standard Z-341 requirements for drilling, operation, maintenance and abandonment for both the Bayfield and Stanley Gas Storage Pools.

Question: June 19th, 2012

Answer: July 3rd, 2012

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Reference: In response to Issues List items 2.2, 2.3 and 2.4 and the evidence in the Applicant's Binder 2, tabs C1 & C2; Binder 3, tabs C1 & C2:

Preamble:

Question 2 :

Please provide the pool discovery pressure, the current pool pressure and the proposed injection pressure. What are the planned tests and evaluations to ensure that these pools can be safely delta pressured?

Answer:

The Bayfield pool downhole discovery pressure was 3065 kPa_a ; its current downhole pressure is 315 kPa_a; and the proposed downhole stabilized downhole delta pressure is 7219 kPa_a. The proposed injection pressure will vary during the injection season, but will be limited to a maximum downhole pressure of 7750 kPa_a. As this is significantly higher than the discovery pressure of the pool, a graduated approach to delta pressuring will be incorporated over a 2 year time period, eventually reaching the calculated delta pressure. The A2 Anhydrite cap rock of the Bayfield pool will be cored on the first vertical well drilled into the pool. The core will be tested for integrity.

The Stanley pool downhole discovery pressure was 3010 kPa_a ; its current downhole pressure is 270 kPa_a; and the proposed downhole stabilized downhole delta pressure is 7412 kPa_a. The proposed injection pressure will vary during the injection season, but will be limited to a maximum downhole pressure of 7950 kPa_a. As this is significantly higher than the discovery pressure of the pool, a graduated approach to delta pressuring will be incorporated over a 2 year time period, eventually reaching the calculated delta pressure. The A2 Anhydrite cap rock of the Stanley pool has been cored and tested for integrity to determine at which pressure it will break. These tests results are one piece of evidence used to determine the maximum safe injection pressure appropriate for the pool.

Question: June 19th, 2012

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Reference: In response to Issues List items 3,4 and the evidence in the Applicant's Binder 1, tab D1
(OGSRA requirements - Z- 341 Storage of Hydrocarbons in Underground Formations):

Preamble:

Question 3:

Have the emergency response procedures been developed? Please provide summary of these
procedures, including reference of notification of the local authorities.

Answer:

Tribute will consult with Market Hub and its safety consultant prior to the construction commencing in
order to adopt the best practices for emergency response procedures, based on existing manuals, some
of which were in place for the Tipperary gas storage development. When the manual is finalized, local
emergency officials and practitioners will be notified about the manual and its contents. They will also
be asked to input and confirm their current contact information.

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Reference: In response to Issues List items 2.3 and 2.4 and the evidence in the Applicants Binder 1, Tab D1 (OGSRA requirements - Z-341 Storage of Hydrocarbons in Underground Formations):

Preamble:

Question 4:

Please confirm that a risk analysis for the storage facilities is complete. Please advise if there are any unique situations that need to be addressed.

Answer:

The risk analysis for both the Bayfield and Stanley storage facilities was completed and submitted on tab C2 of each pool binder. There are no new or unique situations that need to be addressed.

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Answer: July 3rd, 2012

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