



September 23, 2021

4900-7400-32640-02

Peter Nelson  
Environment and Regulatory Advisor  
Secure Energy Services Inc.  
3600, 205 – 5<sup>th</sup> Avenue S.W.  
Calgary AB T2P 2V7

Dear Mr. Nelson:

**RE: PRODUCED WATER AND NON-HAZARDOUS WASTE DISPOSAL  
PRESSURE TESTING EXEMPTION  
SECURE INGA c-88-J/94-A-12; WA# 29846  
INGA FIELD – DEBOLT FORMATION**

BC Oil and Gas Commission (Commission) staff have reviewed Secure Energy Services Inc.'s (Secure) request for exemption from condition 2h) of the Special Project Approval, Order 14-02-14, for the 2022 calendar year. Condition 2h) requires that an annual reservoir pressure test be conducted in the well.

The subject well was drilled in 2014 and approval for produced water and non-hazardous waste disposal was granted on November 26, 2014. Disposal operations began in April 2015 and as of August 31, 2021, a cumulative volume of 570,103.5 m<sup>3</sup> has been injected. The most recent reservoir pressure test ended on August 27<sup>th</sup>, 2021 and measured a pressure of 19,510 kPaa at MPP. Based on the disposal performance of the reservoir to date, Secure estimates a remaining disposal capacity of more than 800,000 m<sup>3</sup>.

The Commission previously granted exemption from pressure testing for the 2021 calendar year. In July 2021, the well experienced a loss of containment which resulted in an extended shut-in period. Secure chose to take advantage of the extended shut-in period to obtain a reservoir pressure prior to remediation of the well. Secure is requesting exemption from the required 2022 testing based on the recent reservoir pressure, the consistency in pressure reservoir pressure measurements over the last 6 years, and the significant estimated remaining capacity for disposal.

The Commission hereby waives condition 2h) of Order 14-02-014, the annual reservoir pressure testing requirement, for the 2022 calendar year, in well Secure Inga c-88-J/94-A-12 (WA #29846), for the Debolt formation. The next reservoir pressure test must be completed in the 2023 calendar year.

As noted in previous correspondence, the subject well and the well Tervita E Blueberry d-A96-K/94-A-12 (WA #27939) appear to be within the same reservoir. A number of seismic events have been measured near well d-A96-K and the Commission continues to monitor activity within the reservoir, including potential communication between the two wells. Annual reservoir pressure testing will be of importance as the wells continue to approach the maximum approved formation pressure.

Should you have any questions, please contact Kathryn Archibald at (250) 419-4406 or the undersigned at (250) 419-4430.

Sincerely,

A handwritten signature in blue ink, appearing to read "R. Stefik".

Ron Stefik, P.L. Eng.  
Supervisor, Reservoir Engineering  
Oil and Gas Commission