



October 16, 2008

9021-4100-32640-02

Corey Higham  
Business Development  
Secure Energy Services Inc.  
1201, 333 – 7<sup>th</sup> Avenue S.W.  
Calgary, AB T2P 2Z1

Dear Mr. Higham:

**RE: WATER DISPOSAL/INJECTIVITY TEST  
SECURE HERITAGE A11-4-79-14 W6M (WA# 24497)  
BALDONNEL, BLUESKY & PADDY-CADOTTE FORMATIONS**

Commission staff have reviewed your application dated September 17, 2008, which followed a meeting with the Victoria OGC office on July 16, 2008, requesting permission to conduct temporary water injectivity tests into the Baldonnel, Bluesky and Paddy-Cadotte formations of the subject recently spudded well to access potential for disposal of produced water and non-hazardous waste. The well 11-4-79-14, off-setting this location and penetrating these zones, appears to offer wet zones of prospective disposal quality.

Your request for temporary injectivity is considered appropriate, as it will provide necessary information to determine if the reservoir is suitable as a disposal zone.

Approval for temporary injectivity test is hereby granted under Part 8, Division 3, Section 94 of the *Drilling and Production Regulation*, subject to the following conditions;

1. The test injection interval must be in the Baldonnel, Bluesky and Paddy-Cadotte formations.
2. The total volume of injected water into each formation must not exceed 500 m<sup>3</sup>.
3. Prior to injection, a production test must be attempted to evaluate hydrocarbon potential.
4. The disposal/injection pressure at the sandface must not exceed the formation fracture pressure.

Please note that a Notice of your application for produced water and non-hazardous waste disposal has been posted to the OGC website. Formal approval may be granted following the closing date of the notice, dependent on results, potential objections and satisfactory review by the Waste Management and Reclamation section of the OGC.

Sincerely,

Richard Slocomb, P. Eng.  
Supervisor, Reservoir Engineering

cc: Devin Scheck, OGC

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**RESOURCE CONSERVATION**

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