

March 30, 2009

9000 -7400-32640-02

Andrew Gilchrist Regulatory Analyst Quicksilver Resources Canada Inc. 2000, 125 – 9<sup>th</sup> Avenue SE Calgary, AB T2G 0P8

Dear Mr. Gilchrist:

RE: WATER INJECTIVITY TEST
QUICKSILVER FORTUNE d-A50-A/94-O-15 (WA# 25191); DEBOLT FORMATION

Commission staff are currently reviewing your application, dated December 19, 2008 and amended January 19, 2009, requesting permission to dispose of water into the Debolt formation of the subject licensed well.

Work on the subject well is being conducted in support of accessing local shale gas productivity. A temporary injectivity test will determine suitability for disposal well operation. Circumstantial evidence would indicate that this location is prospective for water disposal in the Debolt formation. The OGC seeks assurance that the Debolt zone will not contain any producible hydrocarbons.

Approval for temporary injectivity testing 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 Debolt formation.
- 2. Prior to injection, a production test must be attempted to evaluate hydrocarbon potential.
- 3. The total volume of injected water must not exceed 500 m<sup>3</sup>.
- 4. The disposal/injection pressure at the sandface must not exceed the formation fracture pressure.

Final approval will not be issued until well results, in a supplemental application, are reviewed by this office.

Sincerely,

Richard Slocomb, P. Eng.

Supervisor, Reservoir Engineering