



January 24, 2019

7750-2800-32640-02

Taylor Brown, P. Eng
Canadian Natural Resources Limited
2100, 855 – 2nd Street, SW
Calgary AB T2P 4J8

Dear Mr. Brown:

**RE: PRODUCED WATER DISPOSAL SPECIAL PROJECT, AMENDMENT #1
PRESSURE TESTING EXEMPTION
CNRL SEPTIMUS G5-23-81-19, WA#26299
SEPTIMUS FIELD – CADOMIN FORMATION**

Oil and Gas Commission (Commission) staff have reviewed your application, dated January 18, 2019, requesting exemption of the required 2018 reservoir pressure test, due to communication with CNRL HZ Septimus H5-23-81-19 (WA# 35457). Pressure testing the well while CNRL HZ Septimus H5-23-81-19 (WA# 35457) is shut in will provide a valid reservoir pressure.

Approval for disposal of produced water, Order 10-02-008, was issued on December 8, 2010. Disposal operations commenced in May 2011. On July 17, 2012, Amendment #1 was issued, increasing the maximum allowable wellhead injection pressure. Amendment #2 was issued on November 26, 2015, bringing the approval conditions into alignment with current disposal well requirements. Cumulative disposal as of December 31, 2018 is 36,210 m³. There has been 14.2 m³ disposed into the well since the last reservoir pressure test, conducted in April 2017.

The requirement to conduct a reservoir pressure test in 2018 is hereby deferred for CNRL Septimus G5-23-81-1 (WA# 26299). A reservoir pressure test must be conducted on the subject well no later than June 30, 2019. All reservoir pressure tests conducted must be submitted to the Commission within 60 days of the end of the test.

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

Sincerely,

A handwritten signature in black ink, appearing to read "Ron Stefik", written over a horizontal line.

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