

July 9, 2021

8100-4800-59240-16

Dwayne Strynadka
Canadian Natural Resources Limited
2500, 855 – 2nd St SW
Calgary, AB T2P 4J8

Dear Mr. Strynadka:

**RE: ACID GAS DISPOSAL APPROVAL 98-16-003 AMENDMENT #5;
EXTENSION OF APPROVED INJECTION PERIOD
CNRL W STODDART 7-34-87-21; WA# 11398
STODDART WEST FIELD – HALFWAY FORMATION**

The Commission has received information from Canadian Natural Resources Limited (CNRL) regarding ongoing operations on the acid gas disposal well CNRL HZ W Stoddart 8-29-87-21 (WA 10347) approved for injection into the Stoddart West field Doig “E” pool under [Order 17-16-002 Amendment #1](#) issued under section 75(1)(d) of the Oil and Gas Activities Act.

CNRL is currently utilizing the back-up acid gas disposal well CNRL W Stoddart 7-34-87-21 (WA 11398), as allowed under [Order 98-16-003 Amendment #5](#), while work occurs on well 8-29.

This back-up use is limited to a period of 48-hours, as per condition 2(d)(i). The expiry of this time limit will occur at 7 PM on this date, July 9, 2021.

To allow a sufficient timeframe to conclude operations on 8-29 and return all systems to a safe state, and to allow the use of services which may have limited availability on a week-end period, I hereby amend condition 2(d)(i) of Order 98-16-003 Amendment #5 to allow disposal use of well 7-34 until 7:00 PM on Monday July 12, 2021. This amendment is only for the period stated and does not affect conditions of Order for future occurrences.

As a condition of this temporary amendment, CNRL is required to submit to the Commission a post-event report, within 14-days of the restart of injection into well 8-29, which includes;

- Hourly measurements of injection rate, wellhead tubing and casing pressures for the 8-29 well (WA 10347) for the period starting June 2, 2021 to the date of the report.
- Any noted observations of abnormal well operation leading to the loss of injectivity.
- A record of activities and results of attempts to restore well injectivity.
- Findings on the reason(s) for loss of injectivity and remedial actions taken to restore injectivity.
- A plan to prevent a future similar occurrence.

Should you have any questions, please contact Logan Gray at (250) 419-4465 or the undersigned at (250) 419-4430.

Sincerely,



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