

GENERAL ORDER 2021-0056-01
Section 49 *Oil and Gas Activities Act*

Issued to:

Canadian Natural Resources Limited
2100, 855 – 2nd Street, SW
Calgary, AB T2P 4J8

Attention: Wes MacLeod – Lead, Compliance Assurance

Order:

Pursuant to sections 49(1)(e)(ii) of the *Oil and Gas Activities Act* (the Act), I, Patrick Smook, order that Canadian Natural Resources Limited (CNRL):

1. Must not conduct or continue any abandonment, decommissioning, or other like activities for the following wells:
 - a. WA11500 located at C-049-C/094-H-10
 - b. WA14995 located at A-A059-C/094-H-10
 - c. WA11449 located at B-048-C/094-H-10
 - d. WA11499 located at D-A049-C/094-H-10

Conditions:

- A. This order shall remain in effect until amended or terminated in whole or in part by the BC Oil and Gas Commission.

Reasons:

I make this order for the following reasons:

- i. CNRL is the permit holder for the wells listed in Item 1.
- ii. All wells listed in Item 1 are located within the Lapp oil field.
- iii. On January 18, 2021 during the removal of a pump at water source well WA11500 as part of field abandonment operations, CNRL observed hydrocarbons covering the pump and other downhole equipment.

- iv. Samples collected by CNRL on January 23, 2021 revealed 0.75m of free-floating hydrocarbon on the water's surface within WA11500.
- v. Three other water source wells in the area and of the same water flood project (WA14995, WA11449, WA11499) had been identified by CNRL to be sampled for the presence of hydrocarbon.
- vi. On January 30, 2021 WA14995, WA11449, and WA11499 were sampled by CNRL. Each sample contained some evidence of hydrocarbons.
- vii. Further work is required to identify the source of the hydrocarbons and the impact on the environment.
- viii. Proceeding with any abandonment, decommissioning, or other like activities would prevent future access to the wells for the purposes of pumping fluids or collecting representative samples of groundwater.
- ix. I am of the opinion that this order is necessary to protect the environment.

Review and Appeal

CNRL may request a review of this order under section 70 of the Act by submitting a request for review to: ogc.determinationreviews@bcogc.ca.

Alternatively, CNRL may appeal this order to the Oil and Gas Appeal Tribunal under section 72 of the Act. The process for appeals may be found at www.ogat.gov.bc.ca and a notice of appeal may be sent to the Oil and Gas Appeal Tribunal at:

Oil and Gas Appeal Tribunal
PO Box 4925 Stn Prov Govt
Victoria, BC V8W 9V1



Patrick Smook
Director, Compliance & Enforcement
BC Oil and Gas Commission

DATED AT Fort St. John, in the Province of British Columbia, this 30th day of April, 2021.