

November 27, 2020

8120-2800-32640-02

Nadia Monaghan, P.Eng
Water Development Engineer
Ovintiv Canada ULC
500 Center St SE, PO Box 2850
Calgary, AB T2P 2S5

Dear Ms. Monaghan,

**RE: EXTENDED INJECTIVITY TEST
OVV HZ SUNRISE AB5-32-79-17; WA# 34500
SUNRISE FIELD – CADOMIN FORMATION**

Commission staff have reviewed the request from Ovintiv Canada ULC (Ovintiv) dated November 4th, 2020, requesting an extended injectivity test of 3,500 m³ into the Cadomin formation of the subject well.

The subject well was purpose drilled and completed for disposal into the Cadomin formation in September of 2020. Currently there is no tubing in the well however Ovintiv has stated their plans to install tubing and a packer and pass a pressure integrity test prior to commencing injection, as per email correspondence with the Commission on November 26th, 2020.

Attached please find **Order 20-02-009**, designating an area in the Sunrise field, Cadomin formation, as a Special Project under section 75 of the Oil and Gas Activities Act, for the temporary operation and use of a storage reservoir for the injection of produced water. This authorization does not warrant that a future disposal approval will be issued.

Note that if the injected fluid is freshwater, tubing and a packer are not required.

Additional general information regarding disposal wells is available on the Commission's website at <http://www.bcogc.ca/industry-zone/documentation/Subsurface-Disposal>.

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

Sincerely,



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

Attachment



IN THE MATTER of the application from Ovintiv Canada ULC to the Oil and Gas Commission dated November 4th, 2020 requesting disposal approval:

ORDER 20-02-009

- a) Under Section 75(1)(d) of the *Oil and Gas Activities Act*, the Commission designates the temporary operation and use of a storage reservoir for the injection of fresh water or produced water, including flowback from fracturing operations, in the Sunrise field – Cadomin formation as a special project in the following area:

DLS Twp 80 Rge 17 W6M Section 30 – LSDs 1, 2, 7 - 10, 15, and 16

- b) Under section 75(2) of the *Oil and Gas Activities Act*, the special project designation in this Order is subject to the following conditions. The Permit Holder shall:
- a) Inject water into the well OVV HZ Sunrise AB5-32-79-17; WA# 34500 Cadomin formation from 2,204.3 – 3,237.3 mKB MD.
- b) Not exceed an injection pressure, measured at the wellhead on the subject well, of 18,000 kPag or the pressure required to fracture the formation, whichever is lesser.
- c) If the fluid is not fresh water:
- i) inject only through tubing with a packer set as near as is practical above the injection interval, and
- ii) a pressure integrity test must be passed prior to injection operations
- d) The total volume of injected water must not exceed 3,500 m³.

A handwritten signature in blue ink, appearing to read "R Stefik".

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

DATED AT the City of Victoria, in the Province of British Columbia, this 27th day of November 2020.