



ENVIRONMENT

LICENCE to DIVERT AND USE WATER

Pursuant to the
WATER RESOURCES ACT

File No. 18494

Priority No. 1979-03-12-01

Purpose Municipal

Drainage Basin Bow River

First Issued 1986 12 08

Springate Water Co-operative Ltd.
Box 7, Site 38, R.R. 12
Calgary, Alberta
T3E 6W3

HAVING COMPLIED with the applicable provisions of the Water Resources Act and the regulations thereunder and Interim Licence No. 9528, a copy of which is attached hereto and incorporated herein,

IS HEREBY GRANTED LICENCE to divert and use the quantities of water prescribed in the Interim Licence in accordance with and subject to all other applicable provisions of that Act and the regulations thereunder, and the terms and conditions attached hereto and incorporated herein, at locations described in the Interim Licence,

BY MEANS AND THROUGH works and undertakings described in the Interim Licence.

1986 12 08

Date

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ENVIRONMENT

UPDATED AND RE-ISSUED
INTERIM LICENCE

Pursuant to Section 18
THE WATER RESOURCES ACT

Issued to: Springgate Water Co-operative Ltd.
Box 7, Site 38, R.R. 12
Calgary, Alberta
T3E 6W3

No. 9528

File No. 18494

Priority No. 1979-03-12-01

This updated and re-issued Interim Licence particularizes the rights, privileges and obligations embodied in and associated with the original Interim Licence as numbered above, or with any other form of authorization or approval issued in connection with the project identified herein under any former applicable Act or regulation, and updates same to conform to and comply with the current Act, regulations and standards.

In particular this Interim Licence provides for the right to:

- A. Construct, maintain and operate works as shown on current plans and reports filed, approved and identified in departmental records as:

18494-R Source Well for Carriage Holdings Ltd.

- B. Divert and use water as hereinafter specified and described subject to the terms and conditions attached hereto and incorporated herein:

PURPOSE: Municipal (Subdivision Water Supply)

SOURCE OF SUPPLY: Aquifer

GROSS DIVERSION: Up to 7 acre-feet (1.9 million Canadian gallons)
per annum consisting of:

1. Estimated Consumptive Use: 1.9 million gallons
2. Estimated Losses: NIL
3. Estimated Return Flow: NIL

POINT OF DIVERSION	WELL NUMBER	PRODUCTION INTERVAL	MAXIMUM PUMP RATE	MAXIMUM ANNUAL DIVERSION
5-13-24-3-5	79-03-12-01	85'-93'	20 Cgpm	1.9 mCg

Date first issued 1979 04 04

Date re-issued 1986 12 08

TERMS AND CONDITIONS INTERIM LICENCE NO. 9528

If deemed necessary by the Controller of Water Resources, the production well(s) shall be equipped with a cumulative meter which registers the number of gallons or cubic metres pumped.

2. If deemed necessary by the Controller of Water Resources, the licensee may be required to measure the water levels in the production well(s), while the pump is operating, on a monthly or weekly basis and to make such modifications to the well(s) as necessary to obtain the water level(s).
3. If deemed necessary by the Controller of Water Resources the licensee shall obtain water samples for purposes of chemical analyses from the production well(s). The analyses must include total dissolved solids pH, Ca, Mg, Na+K, CO₃, HCO₃, SO₄, Cl, Fe and NO₃.
4. If deemed necessary by the Controller of Water Resources, the licensee may be required to install and equip an observation well or wells, completed in the same aquifer as the production well(s), to provide data for the evaluation of the effect of this withdrawal on the aquifer and the effect on other ground water users.
5. When requested to do so by the Controller of Water Resources, the licensee shall submit a water use return in a manner and at a time to be prescribed by the Controller of Water Resources.
6. This interim licence and the attached terms and conditions are based on knowledge available at the time of issue and therefore the Controller of Water Resources reserves the right to revise the following portions of the interim licence and attached terms and conditions:
 - (a) Gross diversion;
 - (b) Maximum pumping rate;
 - (c) Number, type and location of observation wells required;
 - (d) Frequency and method of measurement of observation wells,any time that the Controller of Water Resources has information indicating unreasonable interference with water supplies which cannot be satisfactorily remedied or that damage to aquifer(s) is occurring.
7. The rights and privileges hereby granted are subject to periodic review and to modification to ensure the most beneficial use of the water in the public interest and more particularly to ensure preservation of the rights of other water users.

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8. The rights and privileges hereby granted can only be extended, modified, transferred or assigned with the approval of the Controller of Water Resources and are subject to cancellation or modification as provided in the Water Resources Act.
9. This interim licence and its terms and conditions shall be attached to and become part of the licence to use water issued pursuant to Section 33 of the Water Resources Act.

1986 12 08
Dated at Edmonton