

May 19, 2023

FortisBC Energy Inc.
16705 Fraser Highway
Surrey, BC V4N 0E8

Attention: FortisBC Energy Inc.

RE: Determination of Application Number 100116923

Permit holder: FortisBC Energy Inc.
Date of Issuance: May 19, 2023
Effective Date: May 19, 2023
Application Submission Date: December 15, 2022
Application Determination Number: 100116923
Approved Disturbance Footprint: 0 ha

Activities Approved

Short Term Water Use No.: 0006458	Point of Diversion No.: 001
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General Permissions, Authorizations and Conditions

Authorizations

Water Sustainability Act

1. The BC Energy Regulator, pursuant to section 10 of the *Water Sustainability Act*, hereby authorizes the diversion, storage and use of Crown water from the point(s) of diversion detailed in the Short Term Water Use Details table below.

Conditions

Clearing/Forest Act

2. The permit holder is permitted to fell any trees located on Crown land within 1.5 tree lengths of the activity area that are considered to be a safety hazard according to Workers Compensation Act regulations and must be felled in order to eliminate the hazard. Trees or portions of these trees that can be accessed from the activity area without causing damage to standing timber may be harvested.

Activity Specific Details, Permissions and Conditions

Short Term Water Use

Short Term Water Use Number - 0006458

Approval Period: From: MAY 19, 2023 To: MAY 18, 2025

Activity Details

Point of Diversion No.: 001	Water Source Name: Water Supply Well - FortisBC EGP Project
Type: Water Supply Well Purpose: Industrial & Storage Location (UTM): Zone 10, Northing 5507509.897, Easting 488047.558 Maximum Withdrawal Rate (l/s): 0.005 m3 /s (415 m3 /d) Annual Withdrawal Volume (m3): 151,475 Total Withdrawal Volume (m3): 302,950	

All authorizations for this activity are subject to the following conditions:

Short Term Water Use Conditions


3. No instream works are permitted under this authorization.
4. A copy of this authorization must be available for inspection at the point of diversion and use location(s).
5. Water withdrawn under this authorization must only be used for the purposes of carrying out the oil and gas activities or related activities.
6. Water must not be diverted or withdrawn from any beaver pond.
7. The permit holder must maintain accurate records of all water withdrawal activities throughout the term authorized. Water withdrawal records for each diversion point, including '0' values for months where no water was withdrawn, must be recorded monthly. Water withdrawal records must be submitted to the BC Energy Regulator on a quarterly basis via e-Submission. Quarterly reports are due on or before April 25, July 25, October 25 and January 25.
8. At any time, the BC Energy Regulator may suspend short term water use previously authorized. Water use suspensions will remain in place until such time as the BC Energy Regulator notifies permit holders that water withdrawals may resume.
9. The permit holder must not undertake any of the following on Crown land to carry out activities authorized herein:
 - a. blading or excavation of the ground surface;
 - b. in-stream works; or
 - c. harvest of Crown timber.
10. The approval holder is authorized to store fresh water diverted under this use approval in dugouts or other freshwater storage structures provided:
 - a. the approval holder holds a valid permit or authorization to occupy the land on which the dugout or structure is located on unless a permit or authorization is not required, and
 - b. the dugout or structure is not subject to the Dam Safety Regulation unless the approval holder has a valid Water License and Leave to Operate the water storage structure.
11. The Permit Holder must maintain instrumentation to enable continuous and concurrent monitoring of the pumping rate, water level, temperature, and electrical conductivity in Well Plate ID 24457, and water level, temperature, and electrical conductivity in nearby observation wells, at regular time intervals deemed appropriate by a professional with competency in hydrogeology who is registered and in good standing with Engineers and Geoscientists of British Columbia (Professional).
12. The Permit Holder must submit the well pumping rate and water level, temperature, and electrical conductivity data from Condition 11 in tabular and graphical form to the BC Energy Regulator by email to hydrogeology@bc-er.ca (referencing AMS #100116923) after three (3) months of well operations. The submission must include an assessment by a Professional of the appropriateness of the conclusions made in the April 26, 2023, supplemental technical report with respect to project impacts, and, if applicable, provide mitigative actions.

13. In addition to Condition 12, the Permit Holder must retain all records of the well pumping rate and water level, temperature, and electrical conductivity data from Condition 11 and provide the data to the BC Energy Regulator within 5 working days of a request.
14. A notice of water withdrawal start must be submitted to hydrogeology@bc-er.ca at least 48 hours prior to the commencement of activities under this permit.
15. Upon expiration of this STWU approval, the well must be properly decommissioned in accordance with the BC GWPR.

Advisory Guidance

1. Diversion Map - SK-001_ForPermit.pdf, Diversion Map - Preliminary Conveyance Line Design.pdf is for the permit holder's internal reference only and was not reviewed as a decision tool for this permit, nor does it form an integral part of this permit.
2. Unless a condition or its context suggests otherwise, terms used in this approval have the same meaning as the Environmental Protection and Management Regulation under the *Oil and Gas Activities Act*.

All pages included in this permit and any attached documents form an integral part of this permit.



May Fong
Authorized Signatory
BC Energy Regulator Delegated Decision Maker