

December 13, 2023

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

Attention: FortisBC Energy Inc.

**RE: Amendment of Application Determination Number 100110343**

**Permit holder:** FortisBC Energy Inc.  
**Amendment Date of Issuance:** December 13, 2023  
**Amendment Effective Date:** December 13, 2023  
**Application Submission Date:** October 19, 2023  
**Amendment Application Number:** 100118693  
**Approved Disturbance Footprint:** 1.354 ha

### **Amendment Details**

<b>Associated Activity No.:</b> 00239379 - 00239381 <b>Type:</b> Storage Area	Amendment to add three temporary storage areas and three associated Changes in and About a Stream locations to facilitate construction of the V2 compressor Station.
<b>Changes In and About a Stream:</b> 0006099	

## **General Permissions, Authorizations and Conditions**

### **Permissions**

#### **Energy Resource Activities Act**

1. The BC Energy Regulator (the "Regulator"), under section 31(7) of the *Energy Resource Activities Act*, hereby grants an amendment to the permit issued for the above referenced Application Determination Number, any associated authorizations subject to the original permit, any subsequent amendments and any additional or revised conditions as set out herein, as per the Amendment Details table above and, if required, as detailed in the Technical Specification Details and/or Activity Details table(s) below.
2. The permissions and authorizations granted under this amendment are limited to the area identified in the spatial data submitted to the Regulator in the amendment application as identified and dated above; herein after referred to as the 'activity area'.

#### **Petroleum and Natural Gas Act**

3. Pursuant to section 138(1) of the *Petroleum and Natural Gas Act*, the permit holder is permitted to enter, occupy and use any unoccupied Crown land located within the activity area to carry out the oil and gas or storage activities and related activities permitted, or authorized herein.

- a. The permission to occupy and use Crown land does not entitle the permit holder to exclusive possession of the area.
- b. The total disturbance within the activity area must not exceed the total approved disturbance footprint as referenced above.

## Authorizations

### Forest Act

4. The Regulator, pursuant to section 47.4 of the *Forest Act*, hereby authorizes the removal of Crown timber from the activity area under the cutting permits associated with the Master Licence(s) as follows:

**Master Licence to Cut No.:** M02751

**Cutting Permit No.:** 2

**Timber Mark No.:** MTD903

**Total New Cut:** 0.233

**Forest District:** (DSQ) Sea to Sky Natural Resource District

**Region:** Coastal

5. The cutting permits are deemed spent upon the submission of the post-construction plan or upon either the cancellation or expiry of the activities authorized under the permit.

## Conditions

### Notification

6. Within 60 days of the completion of construction activities under this permit, the permit holder must submit to the BC Energy Regulator a post-construction plan as a shapefile and PDF plan accurately identifying the location of the total area actually disturbed under this permit. The shapefile and plan must be submitted via e-Submission.

### General

7. The rights granted by this permit in relation to unoccupied Crown land are subject to all subsisting grants to or rights of any person made or acquired under the *Coal Act*, *Forest Act*, *Land Act*, *Mineral Tenure Act*, *Petroleum and Natural Gas Act*, *Range Act*, *Water Sustainability Act* or *Wildlife Act*, or any extension or renewal of the same.
8. The permit holder must not assign, sublicense, or permit any person other than its employees, contractors, or representatives, to use or occupy any Crown land within the activity area without the BC Energy Regulator's written consent.
9. The permit holder must ensure that any Crown land within the activity area is maintained in a condition so as to minimize hazards, including but not limited to hazards associated with storage of materials and equipment.
10. The permit holder must ensure that any Crown land within the activity area is maintained free of garbage, debris, and derelict equipment.

### Environmental

11. Construction activities must not result in rutting, compaction or erosion of soils that cannot be reasonably rehabilitated to similar levels of soil productivity that existed on the activity area prior to the construction activities taking place.
12. Any temporary access must be constructed and maintained in a manner that provides for proper surface drainage, prevents pooling on the surface, and maintains slope integrity.

### Clearing/Forest Act

13. 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.

14. The holder of the cutting permit must pay to the government, stumpage and any waste billing determined in accordance with the terms of this authorization.
15. The authorized cutting permit does not grant the permit holder the exclusive right to harvest Crown timber from the activity area. Authority to harvest some or all of the timber may be granted to other persons. The permit holder's right to harvest timber applies to any timber found on the site at the time they undertake harvesting activities.
16. All harvested Crown Timber must be marked with the cutting permit's associated Timber Mark.
17. Any waste assessments applied under the Master Licence to Cut are subject to the merchantability specifications and monetary waste billing requirements in the Provincial Logging Residue and Waste Manual specific to the region associated with the Cutting Permit authorization.
18. Stumpage will be calculated in accordance with the Coast Appraisal Manual (volume based).

### **Water Course Crossings and Works**

19. Stream, lake, and wetland crossings must be constructed in accordance with the methods and any mitigations, as specified in the application.
20. Construction or maintenance activities within a fish bearing stream or wetland must occur:
  - a. during the applicable reduced risk work windows as specified in the South Coast Region - Reduced Risk Window;
  - b. in accordance with alternative timing and associated mitigation recommended in a plan prepared by a qualified professional and accepted by the BC Energy Regulator; or
  - c. in accordance with an authorization or letter of advice from Fisheries and Oceans Canada that is provided to the BC Energy Regulator;

If activities are to occur in accordance with b or c above, the documentation must be submitted to the BC Energy Regulator at [postpermitrequests@bc-er.ca](mailto:postpermitrequests@bc-er.ca) prior to commencement of activities.

21. At any time, the BC Energy Regulator may suspend instream works authorized under this permit. Suspensions on instream works will remain in place until such time as the BC Energy Regulator notifies permit holders that works may resume. Reasons for suspension of works may include, but are not limited to, drought conditions and increased environmental or public safety risks.
22. Equipment used for activities under this Permit must not be situated in a stream channel unless it is dry or frozen to the bottom at the time of the activity.
23. The permit holder must ensure any instream works related to maintenance are planned and overseen by a qualified professional. This individual must assess and determine whether planned works pose a risk to any of the features listed below, and is responsible for developing and implementing mitigation measures to reduce any potential impacts on these features, as required:
  - a. fish or important fisheries habitat;
  - b. species identified as special concern, threatened, or endangered under the federal *Species at Risk Act*; or
  - c. species identified by Order as a species at risk under the *Forest and Range Practices Act* or the *Energy Resources Activity Act*.

This assessment must be provided to the BC Energy Regulator upon request.

### **Archaeology**

24. If an artifact, feature, material, or thing protected under the *Heritage Conservation Act* is identified within the activity area, the permit holder must, unless the permit holder holds a permit under Section 12.4 of the *Heritage Conservation Act* issued by the BC Energy Regulator in respect of that artifact, feature, material, or thing:
  - a. Immediately cease all work in the vicinity of the artifacts, features, materials or things;
  - b. Immediately notify the BC Energy Regulator; and

- c. Resume work in the vicinity of the artifacts, features, materials, or things in accordance with direction from the BC Energy Regulator.
25. Prior to the commencement of construction activities, the permit holder must:
- a. Complete an archaeological assessment of the activity area in accordance with applicable requirements of the *Heritage Conservation Act*, and
  - b. Complete and submit to the BC Energy Regulator an acceptable report on the results of the assessment.
26. If the report required under the condition above recommends any further assessment work on an area, the permit holder must not begin construction activities on that area until the further assessment is completed.

## **Activity Specific Details, Permissions and Conditions**

### **Associated Activities**

#### **Activity Details**

<b>AACT Number:</b> 00239379	<b>AACT Type:</b> Storage Area
<b>AACT Number:</b> 00239380	<b>AACT Type:</b> Storage Area
<b>AACT Number:</b> 00239381	<b>AACT Type:</b> Storage Area

## **Advisory Guidance**

1. Construction Plan - 23-0100ASP01R1.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. Appropriate tenure may be issued upon acceptance of the post-construction plan. Submission of the original application and submission of the post-construction plan is considered an application for all subsequent applicable *Land Act* tenures. Upon the BC Energy Regulator's acceptance of the post-construction plan no further applications for replacement tenure are required.

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



Jacqueline Bourke  
Authorized Signatory  
BC Energy Regulator Delegated Decision Maker

Copied to:

First Nations – Musqueam Indian Band, Squamish Nation  
Ministry of Forests District Office - (DSQ) Sea to Sky Natural Resource District

March 25, 2022

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

Attention: FortisBC Energy Inc.

**RE: Determination of Application Number 100110343**

**Permit Holder:** FortisBC Energy Inc.

**Date of Issuance:** March 25, 2022

**Effective Date:** March 25, 2022

**Application Submission Date:** August 7, 2020

**Application Determination Number:** 100110343

## **AUTHORIZED ACTIVITIES**

<b>Facility Identification No.:</b> 00027218	<b>Facility Name:</b> FORTIS Squamish D-001-K/092-G-11 001
<b>Road Number No.:</b> 05852	<b>Segment No.:</b> 001
<b>Changes In and About a Stream:</b> 0006099	

## **GENERAL PERMISSIONS, AUTHORIZATIONS AND CONDITIONS**

### **PERMISSIONS**

#### **Oil and Gas Activities Act**

1. The BC Oil and Gas Commission, under section 25 (1) of the *Oil and Gas Activities Act*, hereby permits the permit holder referenced above to carry out the following activities, indicated in the Authorized Activities table above, subject to the conditions contained herein, any applicable exemptions and authorizations:
  - a. To construct, maintain and operate a facility(s), and piping and equipment associated with the facility(s) as detailed in the Technical Specification Details tables below.
  - b. To construct, maintain and operate an oil and gas road as detailed in the Activity Details tables below.
2. The permissions and authorizations granted under this permit are limited to the area identified in the spatial data submitted to the Commission in the permit application as identified and dated above; herein after referred to as the 'activity area'.

### **CONDITIONS**

#### **Notification**

3. Within 60 days of the completion of construction activities under this permit, the permit holder must submit to the Commission a post-construction plan as a shapefile and PDF plan accurately identifying the

location of the total area actually disturbed under this permit. The shapefile and plan must be submitted via eSubmission.

4. The Permit Holder must notify the First Nation(s) copied on this permit/authorization at least 5 (five) working days prior to project commencement.
5. A notice of maintenance activities must be submitted, as per the relevant Commission process at the time of submission, at least two (2) working days prior to the commencement of any changes in and about a stream associated with maintenance activities.
6. At least ten (10) working days prior to the commencement of any changes in and about a stream associated with maintenance activities, the permit holder must provide a notice of works to any First Nation(s) who may have Aboriginal Interests identified, as per the BC First Nations Consultative Areas Database, within the area in which the works are to occur.

### Environmental

4. Construction activities must not result in rutting, compaction or erosion of soils that cannot be reasonably rehabilitated to similar levels of soil productivity that existed on the activity area prior to the construction activities taking place.
5. Any temporary access must be constructed and maintained in a manner that provides for proper surface drainage, prevents pooling on the surface, and maintains slope integrity.

### Clearing/Forest Act

6. 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.

### Water Course Crossings and Works

7. Stream, lake and wetland crossings must be constructed in accordance with the methods and any mitigations, as specified in the application.
8. Construction or maintenance activities within a fish bearing stream or wetland must occur:
  - a. during the applicable reduced risk work windows as specified in the Lower Mainland - Reduced Risk Work Windows;
  - b. in accordance with alternative timing and associated mitigation recommended by a qualified professional and accepted by the Commission; or
  - c. in accordance with an authorization or letter of advice from Fisheries and Oceans Canada that is provided to the Commission;

If activities are to occur in accordance with b or c above, the documentation must be submitted to the Commission prior to commencement of activities.

9. At any time, the Commission may suspend instream works authorized under this permit. Suspensions on instream works will remain in place until such time as the Commission notifies permit holders that works may resume. Reasons for suspension of works may include, but are not limited to, drought conditions and increased environmental or public safety risks.
10. Equipment used for activities under this Permit must not be situated in a stream channel unless it is dry or frozen to the bottom at the time of the activity.

### Archaeology

11. If an artifact, feature, material or thing protected under the *Heritage Conservation Act* is identified within the activity area, the permit holder must, unless the permit holder holds a permit under Section 12.4 of

the *Heritage Conservation Act* issued by the BC Oil and Gas Commission in respect of that artifact, feature, material or thing:

- a. Immediately cease all work in the vicinity of the artifacts, features, materials or things;
  - b. Immediately notify the BC Oil and Gas Commission; and
12. Resume work in the vicinity of the artifacts, features, materials or things in accordance with direction from the BC Oil and Gas Commission.

## **ACTIVITY SPECIFIC DETAILS, PERMISSIONS AND CONDITIONS**

### **FACILITIES**

**Land Area Number:** 100014241

#### **TECHNICAL SPECIFICATION DETAILS**

<b>Facility ID:</b> 00027218	<b>Facility Name:</b> FORTIS Squamish D-001-K/092-G-11 001
<b>Facility Type:</b> Compressor Station	<b>Location:</b> D-001-K/092-G-11
<b>Equipment:</b> Compressor	
<b>Equipment:</b> Generator	

#### **Technical Facility Permissions**

13. The permit holder is authorized to handle up to an inlet permitted capacity of 4248 e3m3/day, or 150 mmscfd under normal operating conditions of natural gas at the Squamish Compressor Station located at d-1-K/92-G-11.
14. The subject permit approves a continuous venting operation of compressor seal gas under normal operations, and the required periodic unit and facility non-routine venting associated with depressurization events as required.

#### **Facility Conditions**

15. The permit holder must complete and submit a Comprehensive Sound Level Survey to the satisfaction of the BC Oil and Gas Commission by email to OGCPipelines.Facilities@bcogc.ca, referencing AMS Application #100110343 within six (6) months of commencement of facility operations and at any future date as required by the BC Oil and Gas Commission. The report must contain recommendations to mitigate excessive noise. Unless otherwise authorized by the BC Oil and Gas Commission in writing, recommendations arising from the report that sufficiently reduce excessive noise levels must be implemented as soon as practicable following written acceptance of the report by the BC Oil and Gas Commission.
16. At least 14 days prior to commissioning and start-up, the permit holder must contact the BC Oil and Gas Commission to coordinate and complete an inspection by email to OGCPipelines.Facilities@bcogc.ca, referencing AMS Application #100110343.
17. The permit holder must submit to the commission a geotechnical inspectors report and professional safety statement from the Engineer of Record confirming compliance to the construction drawings, specifications, and actions taken to resolve the recommendations in the "Geotechnical Design Report – EGP Facilities FEED Phase – Squamish Compressor Station (V2), Relocation of VAN MAN 273 Pipeline and WLNG Lateral 273 Pipeline, P-00763-GEO-REP-3002, dated June 30, 2021". The submission must include, but is not limited to, the erosion assessment and erosion monitoring plan, the assessment of debris flood hazard, and confirmation that the retaining wall construction specifications have been met. This must be submitted via email to OGCPipelines.Facilities@bcogc.ca referencing App #100110343 at least 1 month prior to submission of the notice of LTO. The above mentioned reports and statement must be accepted in writing by the Commission prior to submission of the notice of LTO.
18. The permit holder must submit a copy of the security management program for the subject facility via email to OGCPipelines.Facilities@bcogc.ca referencing App #100110343 at least 2 weeks prior to submission of the notice of LTO.

19. The permit holder must submit a copy of the facility shutdown key via email to OGCPipelines.Facilities@bcogc.ca referencing App #100110343 at least 2 weeks prior to submission of the notice of LTO.
20. The permit holder must submit a report prepared by a qualified professional that verifies the site specific quality assurance program for construction of the subject facility, being the processes and procedures to ensure the facility was constructed to conform to all applicable requirements. The report must be submitted to the Commission via email to ogcpipelines.facilities@bcogc.ca referencing App #100110343 at least 1 month prior to submission of the notice of LTO.

## ROAD

**Land Area Number:** 100014242

**Road Number:** 05852 **Road Type:** Long-Term - All-Weather

### ACTIVITY DETAILS

<b>Seg No.:</b> 001	<b>Zone:</b> 10 <b>From:</b> N 5502000.469 E 481509.999 <b>To:</b> N 5502122.596 E 481606.076
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*All permissions for this activity are subject to the following conditions:*

#### Road Conditions

21. The permit holder will immediately effect, and keep in force insurance of an amount not less than \$1,000,000 protecting the Province, the Commission and the permit holder (without any rights of cross-claim or subrogation) against claims for personal injury, death, property damage, or third party liability claims arising from any accident or occurrence on the activity area.

## ADVISORY GUIDANCE

1. Construction Plan - 20200007SK2\_0 - Fully Executed.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. Instructions for submitting notice of construction start, as required by regulation, can be found in the Oil and Gas Activity Operations Manual on the Commission's website.
3. Under the authority of the *Environmental Management Act* a discharge permit must be in place/amended prior to the leave to open of the subject application.

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



Justin Anderson  
Authorized Signatory  
Commission Delegated Decision Maker

Copied to:

First Nations – Musqueam Indian Band, Squamish Nation  
Landowners/Rights Holders