

February 13, 2020

Coastal GasLink Pipeline Ltd.
450 - 1st Street SW
Calgary, AB T2P 5H1

Attention: Coastal GasLink Pipeline Ltd.

RE: Amendment to Application Determination Number 100101095

Permit Holder: Coastal GasLink Pipeline Ltd.
Amendment Date of Issuance: February 13, 2020
Amendment Effective Date: February 13, 2020
Application Submission Date: December 11, 2020
Amendment Application Number: 100109263
Approved Disturbance Footprint: 2.771 ha

AMENDMENT DETAILS

Road Number No.: 04269 Seg No.: 001	The "To Location" of Segment 001 has changed.
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GENERAL PERMISSIONS, AUTHORIZATIONS AND CONDITIONS

PERMISSIONS

Oil and Gas Activities Act

1. The BC Oil and Gas Commission (the "Commission"), under section 31(7) of the *Oil and Gas 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 Commission 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 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.

CONDITIONS

Notification

4. 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.

General

5. 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.
6. 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 Commission's written consent.
7. 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.
8. The permit holder must ensure that any Crown land within the activity area is maintained free of garbage, debris and derelict equipment.

Environmental

9. 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.
10. 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

11. 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.

Archaeology

12. Archaeology site GhRk-0005 must be avoided by construction crews.
13. 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 Oil and Gas Commission an acceptable report on the results of the assessment.
14. 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.

15. 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:
- Immediately cease all work in the vicinity of the artifacts, features, materials or things;
 - Immediately notify the BC Oil and Gas Commission; and
 - 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

ROAD

Land Area Number: 100012066
Road Number: 04269 **Road Type:** Long-Term - All-Weather

ACTIVITY DETAILS

Seg No.: 001	Zone: 10 From: N 6132786.401 E 578926.834 To: N 6132049.343 E 579668.292
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All permissions for this activity are subject to the following conditions:

Road Conditions

12. 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 - CGE4703-MSI-G-MP-506-RE-940.0-5K_Rev2.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.

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



Tarilee Rauscher
Authorized Signatory
Commission Delegated Decision Maker

Copied to:

Land Agent – Roy Northern Land Service Ltd.
First Nations – McLeod Lake Indian Band, Saulteau First Nations, West Moberly First Nations



May 31, 2019

Coastal GasLink Pipeline Ltd.
450 - 1st Street SW
Calgary , AB T2P 5H1

Attention: Coastal GasLink Pipeline Ltd.

RE: Amendment to Application Determination Number 100101095

Permit Holder: Coastal GasLink Pipeline Ltd.
Amendment Date of Issuance: May 31, 2019
Amendment Effective Date: May 31, 2019
Application Submission Date: May 15, 2019
Amendment Application Number: 100108166
Approved Disturbance Footprint: 2.989 ha

AMENDMENT DETAILS

Road Number No.: 04269 Seg No.: 001	Amend the road route at the junction point to follow existing cleared route
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GENERAL PERMISSIONS, AUTHORIZATIONS and CONDITIONS

PERMISSIONS

Oil and Gas Activities Act

1. The BC Oil and Gas Commission (the "Commission"), under section 31(7) of the *Oil and Gas 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 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'.

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 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

- The Commission, 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.: M02613

Cutting Permit No.: 8

Timber Mark No.: MTC886

Total New Cut: 0.08

Forest District: (DPC) Peace Natural Resource District

Region: Interior

- 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

- 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.

General

- 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.
- 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 Commission's written consent.
- 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.
- The Permit Holder must ensure that any Crown land within the activity area is maintained free of garbage, debris and unused equipment.

Environmental

- 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.
- 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

- 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.
- 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. Stumpage for Cutting Permit No.8 will be calculated in accordance with the Interior Appraisal Manual as amended from time to time.
- 18. 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.

Archaeology

- 19. No construction activities are authorized within 10 meters of archaeology site GhRk-5 without the issuance of a site alteration permit, pursuant to the terms under Section 12 of the Heritage Conservation Act and as approved by the Commission.
- 20. 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 of the Heritage Conservation Act issued by the 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 Commission; and
 - c) resume work in the vicinity of the artifacts, features, materials or things in accordance with an appropriate mitigation plan, if required, that has been accepted by the Commission.
- 21. An AIA report is required and must be submitted to the Commission as soon as practicable.

ACTIVITY SPECIFIC DETAILS PERMISSIONS AND CONDITIONS

ROAD

Land Area Number: 100010924

Road Number: 04269 **Road Type:** Long-Term - All-Weather

ACTIVITY DETAILS

Seg No.: 001	Zone: 10 From: N 6131956.189 E 579679.321 To: N 6132801.163 E 578932.534
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ADVISORY GUIDANCE

- 1. Construction Plan, CGE4703-MSI-G-MP-506-Rev1.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.

This amendment forms an integral part of your permit(s) and should be attached thereto.



Jacqueline Bourke
Authorized Signatory
Commission Delegated Decision Maker

Permit Holder: Coastal GasLink Pipeline Ltd.
Application Determination Number: 100101095

Application Submission Date: May 15, 2019
Date Issued: May 31, 2019

Copied to:

Land Agent – Roy Northern Land Service Ltd.
First Nations – McLeod Lake Indian Band, Sauteau First Nations, West Moberly First Nations
Ministry of Forests District Office – (DPC) Peace Natural Resource District

June 21, 2017

Coastal GasLink Pipeline Ltd.
450 - 1st Street SW
Calgary AB T2P 5H1

Attention: Coastal GasLink Pipeline Ltd.

Re: Correction of Application Determination Number 100101095


Permit Holder: Coastal GasLink Pipeline Ltd.
Date of Permit Issuance: May 18, 2017
Date of Correction: June 21, 2017
Application Determination Number: 100101095

The BC Oil and Gas Commission hereby corrects the permit identified and dated above as follows:

- The condition number 16 under the section **Clearing** should read:
 - 16. 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.
- And the missing condition under the section **Clearing**
 - 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.

The Permit Holder must comply with any permissions, authorizations, approvals and conditions set out in the original permit, any subsequent amendments to the permit and any additional corrections as set out herein.

This letter forms an integral part of your permit and should be attached thereto.



Andrew Osmond
Authorized Signatory
Commission Delegated Decision Maker

Copied to:

Land Agent – Roy Northern Land Service Ltd.
First Nations – Saulteau First Nations, McLeod Lake Indian Band, West Moberly First Nations
Ministry of Forests District Office – (DPC) Peace Natural Resource District



May 18, 2017

Coastal GasLink Pipeline Ltd.
450 - 1st Street SW
Calgary , AB
T2P 5H1

Attention: Coastal GasLink Pipeline Ltd.

RE: Determination of Application Area Number 100101095

Permit Holder: Coastal GasLink Pipeline Ltd.
Date of Issuance: May 18, 2017
Effective Date: May 18, 2017
Application Submitted Date: January 24, 2017
Application Determination Number: 100101095
Approved Disturbance Footprint: 2.911 ha

ACTIVITIES APPROVED

Road Number No.: 04269	Segment No.: 001
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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 Approved Activities table above, subject to the conditions contained herein, any applicable exemptions and authorizations:
 - a) 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'.

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 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 Commission, 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.: M02340

Cutting Permit No.: 31

Timber Mark No.: MTC053

Total New Cut: 2.91

Forest District: (DPC) Peace Natural Resource District

Region: Interior

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. A notice of construction start must be submitted prior to the commencement of activities under this permit 48 hours before or as per the relevant legislation if longer than 48 hours. Notification must be submitted via Kermit for pipelines and facilities. For all other activity types notification must be submitted through OGC.ExternalNotifications@bcogc.ca
7. 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.
8. The permit holder must notify the Saulneau First Nations Lands Department office two (2) working days prior to commencement. Notification will be sent to Fernie Garbitt at fgarbitt@saulneau.com.

General

9. 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.
10. 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, other than its employees, contractors or representatives, without the Commission's written consent.
11. 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.
12. The Permit Holder must ensure that any Crown land within the activity area is maintained free of garbage, debris and unused equipment.

Environmental

13. 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.

14. 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

15. 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.
16. e holder of the cutting permit must pay to the government, stumpage and any waste billing determined in accordance with the terms of this authorization.
17. All harvested Crown Timber must be marked with the cutting permit's associated Timber Mark.
18. Stumpage for Cutting Permit No.31 will be calculated in accordance with the Interior Appraisal Manual as amended from time to time.

Archaeology

19. No construction activities are authorized within 10 meters of archaeology site GhRk-5 without the issuance of a site alteration permit, pursuant to the terms under Section 12 of the Heritage Conservation Act and as approved by the Commission.
20. An AIA report must be submitted to the Commission as soon as practicable.
21. If artifacts, features, materials or things protected under section 13(2) of the Heritage Conservation Act are identified the permit holder must, unless the permit holder holds a permit under section 12 of the Heritage Conservation Act issued by the 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 Commission and the Archaeology Branch of the Ministry of Forests, Lands and Natural Resource Operations
 - c) refrain from resuming work in the vicinity of the artifacts, features, materials or things except in accordance with an appropriate mitigation plan that has been prepared in accordance with the Heritage Conservation Act and approved by the Archaeology Branch of the Ministry of Forests, Lands and Natural Resource Operations.

unless the Permit Holder holds a permit under section 12 of the *Heritage Conservation Act* in respect of that artifact, material or thing.

ACTIVITY SPECIFIC DETAILS PERMISSIONS, and CONDITIONS

ROAD

Land Area Number: 100001772

Road Number: 04269 **Road Type:** Long-Term - All-Weather

ACTIVITY DETAILS

Seg No.: 001	Zone: 10 From: N 6131956.848 E 579679.243 To: N 6132716.113 E 578904.661
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All permissions for this activity are subject to the following conditions:


Road Conditions

22. 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 IB-0015-12 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. 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 Commission's acceptance of the post-construction plan no further applications for replacement tenure are required.
4. The term "unused equipment" has the same definition as in the Drilling and Production Regulation.

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



Andrew Osmond
Authorized Signatory
Commission Delegated Decision Maker

Copied to:

Land Agent – Roy Northern Land Service Ltd.
First Nations – Sauteau First Nations
McLeod Lake Indian Band
West Moberly First Nations
Ministry of Forests District Office – (DPC) Peace Natural Resource District