

October 15, 2020

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

Attention: Coastal GasLink Pipeline Ltd.

RE: Amendment to Application Determination Number 100103949

Permit Holder: Coastal GasLink Pipeline Ltd.
Amendment Date of Issuance: October 15, 2020
Amendment Effective Date: October 15, 2020
Application Submission Date: September 28, 2020
Amendment Application Number: 100111699
Approved Disturbance Footprint: 17.258 ha

AMENDMENT DETAILS

Associated Oil & Gas Activity No.: 00207514, 00207515, 00207516, 00207517 Type: Storage Area	Minor amendment to add new area for a temporary freshwater hose to STWU in the Sukunka River. Original permit issued under the PNG Act, Land Act tenure not required.
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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.

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.: M02613
Cutting Permit No.: 14
Timber Mark No.: MTD200
Total New Cut: 0.01
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

5. 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.
6. The permit holder must notify the Blueberry River First Nations Lands Office two (2) working days prior to project commencement. Notification will be sent via email to lands@blueberryfn.ca, RShakya@blueberryfn.ca, jcalvert@blueberryfn.ca, compliance@blueberryfn.ca and oilandgas@blueberryfn.ca.

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 Commission'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 for Cutting Permit No. 14 will be calculated in accordance with the Interior Appraisal Manual as amended from time to time.

Archaeology

19. 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
 - c. Resume work in the vicinity of the artifacts, features, materials or things in accordance with direction from the BC Oil and Gas Commission.

Agriculture Land Commission

20. The permit holder must, in relation to any oil and gas activities and related activities, authorized herein that are located within the Agricultural Land Reserve:
 - a. Implement any recommendations for soil handling and management of surface water contained in the Schedule A report(s) submitted with this application,
 - b. Within 24 months of the date that the use of the area of land disturbed by the non-farm use is no longer required for the oil and gas activity or related activity, conduct reclamation of any area of land disturbed by non-farm use in accordance with any recommendations contained in the Schedule A Report and the requirements set out in Schedule B of the Agreement between the Provincial Agricultural Land Commission and the BC Oil and Gas Commission dated December 8, 2017, to the satisfaction of the BC Oil and Gas Commission, or in accordance with such alternate requirements identified by a Qualified Specialist and agreed to by the BC Oil and Gas Commission, and
 - c. Submit a Schedule B Report to the Oil and Gas Commission and to the land owner(s) if the area of land is private land, in accordance within the timelines specified in the Agreement.

ADVISORY GUIDANCE

1. Construction Plan - CGE4703-MSI-G-MP-751_SukunkaRiver_MultiUse_Sketch_Rev6.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. 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.

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



Cierra Redel
Authorized Signatory
Commission Delegated Decision Maker

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

May 22, 2020

Coastal GasLink Pipeline Ltd.
450 - 1st Street SW
Calgary, AB T2P5H1

Attention: Coastal GasLink Pipeline Ltd.

RE: Amendment to Application Determination Number 100103949

Permit Holder: Coastal GasLink Pipeline Ltd.

Amendment Date of Issuance: May 22, 2020 **Amendment Effective Date:** May 22, 2020

Application Submission Date: March 26, 2020

Amendment Application Number: 100110509

Approved Disturbance Footprint: 0.95 ha

AMENDMENT DETAILS

Associated Oil & Gas Activity No.: 00204358, 00204359, 00204360, 00204361 Type: Storage Area	Application is a minor Associated Oil and Gas Activity (AOGA) amendment to add a workspace (Area D) Workspace site is located 40 km south of Chetwynd BC Total area required is 0.95 ha. Application is on Crown (Provincial) land If Land Act tenure, duration of time for tenure: Original permit issued under the PNG Act, Land Act tenure not required.
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GENERAL PERMISSIONS, AUTHORIZATIONS AND CONDITIONS

PERMISSIONS

Petroleum and Natural Gas Act

1. The BC Oil and Gas Commission (the "Commission"), under section 138 of the *Petroleum and Natural Gas Act*, hereby grants an amendment to the permit issued for the above referenced Application Determination Number, and 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 Activity Details table(s) below.
2. The permissions and authorizations granted under this amendment are limited to the information indicated within the submitted application number, including any spatial data, submitted to the Commission in the amendment application as identified and dated above; herein after referred to as the 'activity area'.
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. 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
 - c. Resume work in the vicinity of the artifacts, features, materials or things in accordance with direction from the BC Oil and Gas Commission.
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.

Agriculture Land Commission

15. The permit holder must, in relation to any oil and gas activities and related activities, authorized herein that are located within the Agricultural Land Reserve:
- a. Implement any recommendations for soil handling and management of surface water contained in the Schedule A report(s) submitted with this application,
 - b. Within 24 months of the date that the use of the area of land disturbed by the non-farm use is no longer required for the oil and gas activity or related activity, conduct reclamation of any area of land disturbed by non-farm use in accordance with any recommendations contained in the Schedule A Report and the requirements set out in Schedule B of the Agreement between the Provincial Agricultural Land Commission and the BC Oil and Gas Commission dated December 8, 2017, to the satisfaction of the BC Oil and Gas Commission, or in accordance with such alternate requirements identified by a Qualified Specialist and agreed to by the BC Oil and Gas Commission, and
 - c. Submit a Schedule B Report to the Oil and Gas Commission and to the land owner(s) if the area of land is private land, in accordance within the timelines specified in the Agreement.

ADVISORY GUIDANCE

1. Construction Plan - CGE4703-MSI-G-MP-751_SukunkaRiver_MultiUse_Sketch_Rev5.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 Commission'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.



Toby Turner
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



February 20, 2019

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

Attention: Coastal GasLink Pipeline Ltd.

RE: Application Determination Number 100103949

Permit Holder: Coastal GasLink Pipeline Ltd.
Date of Issuance: February 20, 2019
Effective Date: February 20, 2019
Application Submission Date: January 29, 2019
Application Number: 100103949
Approved Disturbance Footprint: 16.252ha

ACTIVITIES APPROVED

Associated Oil & Gas Activity No.: 00194995, 00194996 & 00194997	Type: Storage Area
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GENERAL PERMISSIONS, AUTHORIZATIONS and CONDITIONS

PERMISSIONS

Petroleum and Natural Gas Act

1. The BC Oil and Gas Commission (the "Commission") pursuant to section 138 of the *Petroleum and Natural Gas Act* hereby permits the Permit Holder referenced above to construct and operate a related activity(s) as detailed in Activities Approved table above and the Activity Details table(s) below, when applicable, for the purposes of carrying out oil and gas activities as defined in the *Oil and Gas Activities Act* (OGAA); subject to the conditions set out herein.
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'.
3. The Commission, pursuant to section 138(1) of the *Petroleum and Natural Gas Act*, hereby permits the occupation and use of any Crown land located within the activity area.
 - a) The permission to occupy and use Crown land expires two years from the date of issuance, unless the Commission has received notice of construction start, or this permit is otherwise extended, suspended, cancelled, surrendered or declared spent.
 - b) The permission to occupy and use Crown land does not entitle the Permit Holder to exclusive possession of the activity area.
 - c) The total disturbance within the activity area must not exceed the total approved disturbance footprint as referenced above.

CONDITIONS

Notification

4. A notice of construction start must be submitted, as per the relevant Commission process at the time of submission, at least 48 hours prior to the commencement of activities under this permit.
5. 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

6. 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.
7. 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.
8. The Permit Holder must ensure that 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.
9. The Permit Holder must ensure that the activity area is free of garbage, debris and unused equipment.

Environmental

10. 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.
11. 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.
12. The Permit Holder must make reasonable efforts to prevent establishment of invasive plants on the activity area associated with the related activities set out in the Activities Approved table above resulting from the carrying out of activities authorized under this permit.
13. Following completion of construction associated with the associated activities set out in the Activities Approved table above, the Permit Holder must, as soon as practicable
 - a) decompact any soils compacted by the activity;
 - b) if natural surface drainage pattern was altered by the carrying out of the activity, the Permit Holder must restore, to the extent practicable, to the drainage pattern and its condition before the alteration; and
 - c) re-vegetate any exposed soil on the activity area including, where necessary, using seed or vegetative propagules of an ecologically suitable species that
 - (i) promote the restoration of the wildlife habitat that existed on the area before the oil and gas activity was begun, and
 - (ii) stabilize the soil if it is highly susceptible to erosion.
 - d) Following completion of construction activities authorized herein, any retrievable surface soils removed from the activity area must be redistributed so that the soil structure is restored, to the extent practicable, to its condition before the activity was begun.

Clearing

14. 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

15. 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:
- immediately cease all work in the vicinity of the artifacts, features, materials or things;
 - immediately notify the Commission and the Archaeology Branch of the Ministry of Forests, Lands and Natural Resource Operations and Rural Development
 - 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 and Rural Development.

An AIA report must be submitted to the Commission as soon as practicable.

Agriculture Land Commission

16. The Permit Holder must, in relation to any oil and gas activities and related activities, authorized herein that are located within the Agricultural Land Reserve,
- implement any recommendations for soil handling and management of surface water contained in the Schedule A report(s) submitted with this application,
 - within 24 months of the date that the use of the area of land disturbed by the non-farm use is no longer required for the oil and gas activity or related activity, conduct reclamation of any area of land disturbed by non-farm use in accordance with any recommendations contained in the Schedule A Report and the requirements set out in Schedule B of the Agreement between the Provincial Agricultural Land Commission and the Oil and Gas Commission dated December 8, 2017, to the satisfaction of the Commission, or in accordance with such alternate requirements identified by a Qualified Specialist and agreed to by the Commission, and
 - immediately following completion of (b), above, submit, to the satisfaction of the Commission, a Schedule B Report to both the Commission and to the land owner(s).

ADVISORY GUIDANCE

- Construction Plan CGE4703-MSI-G-MP-751_SukunkaRiver_MultiUse_Sketch_Rev4.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.
- 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*.
- Appropriate tenure will 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.
- Mitigation strategies for archaeology sites GiRk-11 and GiRk-12 must be approved by the Archaeology Branch of the Ministry of Forests, Lands and Natural Resource Operations and Rural Development.

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



Amanda Fraser
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