

October 21, 2019

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

Attention: Coastal GasLink Pipeline Ltd.

RE: Permit Replacement for Application Determination Number 100102050

Permit Holder: Coastal GasLink Pipeline Ltd.
Permit Date of Issuance: October 5, 2017
Replacement Date of Issuance: October 21, 2019
Replacement Expiration Date: October 23, 2020
Application Determination No.: 100102050
Ancillary Description: Investigative Use - General

PERMISSIONS

Oil and Gas Activities Act

1. The BC Oil and Gas Commission (the "Commission"), hereby replaces the permit and any associated authorizations to construct and operate an ancillary oil and gas activity.
2. This permit replacement is subject to the original permit, authorizations, subsequent amendments and any additional conditions as set out herein.
3. The permit has been replaced and will expire on October 23, 2020.

This Replacement forms an integral part of the permit and should be attached thereto.



Norberto Pancera
Authorized Signatory
Commission Delegated Decision Maker

Copied to:

Land Agent – Roy Northern Land Service Ltd.
OGC – Compliance & Enforcement

October 1, 2019

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

Attention: Coastal GasLink Pipeline Ltd.

RE: Permit Replacement for Application Determination Number 100102050

Permit Holder: Coastal GasLink Pipeline Ltd.
Permit Date of Issuance: October 5, 2019
Replacement Date of Issuance: October 1, 2019
Replacement Expiration Date: October 23, 2019
Application Determination No.: 100102050
Ancillary Description: Investigative Use - General

PERMISSIONS

Oil and Gas Activities Act

1. The BC Oil and Gas Commission (the “Commission”), hereby replaces the permit and any associated authorizations to construct and operate an ancillary oil and gas activity.
2. This permit replacement is subject to the original permit, authorizations, subsequent amendments and any additional conditions as set out herein.
3. The permit has been replaced and will expire on October 23, 2019.

This Replacement forms an integral part of the permit and should be attached thereto.



Tarilee Rauscher
Authorized Signatory
Commission Delegated Decision Maker

Copied to:

Land Agent – Roy Northern Land Service Ltd.
OGC – Compliance & Enforcement

October 5, 2017

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

Attention: Coastal GasLink Pipeline Ltd.

RE: Determination of Application Area Number 100102050

Permit Holder: Coastal GasLink Pipeline Ltd.

Date of Issuance: October 5, 2017

Effective Date: October 5, 2017

Application Submitted Date: April 25, 2017

Application Determination Number: 100102050

Approved Disturbance Footprint: 31.147 ha

ACTIVITIES APPROVED

Associated Oil & Gas Activity No.: 00156759, 00156760, 00156761, 00156762	Type: Investigative Use - General
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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.

AUTHORIZATIONS

Forest Act

- The Commission, pursuant to section 47.4 of the *Forest Act*, hereby approves 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.: M02343

Cutting Permit No.: 39

Timber Mark No.: MTC169

Total New Cut: 3.768

Forest District: (DND) Nadina 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 approved under the permit.

CONDITIONS

Notification

- 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.
- 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.
- "The Permit Holder must notify any First Nations who may have aboriginal interests identified, as per the BC First Nations Consultative Areas Database, a minimum of five (5) working days prior to commencement of construction."
- The permit holder must notify Wet'suwet'en First Nation a minimum of five (5) days prior to commencement of construction activities.
- The permit holder must notify Nee Tahi Buhn Indian Band a minimum of five (5) days prior to commencement of construction activities.
- The permit holder must notify Skin Tyee Nation a minimum of five (5) days prior to commencement of construction activities.

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, other than its employees, contractors or representatives, without the Commission's written consent. 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.
- The Permit Holder must ensure that the activity area is free of garbage, debris and unused equipment.
- This permit authorizes 3.768 hectare of new Crown land area disturbance only.

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.

18. 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 Authorized Activities table above resulting from the carrying out of activities authorized under this permit.
19. The Permit Holder must ensure that the activities authorized/approved under this approval do not result in any deleterious materials being deposited into a stream, wetland or lake.
20. Following completion of construction associated with the associated activities set out in the Authorized Activities 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

21. 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.
22. The holder of the cutting permit must pay to the government, stumpage and any waste billing determined in accordance with the terms of this approval.
23. The approved 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.
24. All harvested Crown timber must be marked with the cutting permit's associated timber mark.
25. 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 approval.
26. Stumpage for Cutting Permit No. 39 will be calculated in accordance with the Interior Appraisal Manual as amended from time to time.

Archaeology

27. If artifacts, materials or things protected under section 13(2) of the *Heritage Conservation Act* are noted during any phase of ground-disturbing activities, the Permit Holder must:
 - a) immediately cease all work in the vicinity of the artifacts, features, materials or things, and
 - b) as soon as practicable, contact the Commission
 - 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.

28. An Archaeological Impact Assessment (AIA) is required for the proposed development area prior to any development activities taking place.
29. An AIA report must be submitted to the Commission as soon as practicable.

ACTIVITY SPECIFIC DETAILS and CONDITIONS

ASSOCIATED OIL AND GAS ACTIVITIES

ACTIVITY DETAILS

AOGA Number: 00156759, 00156760, 00156761, 00156762	Type: Investigative Use - General
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ADVISORY GUIDANCE

1. Construction plan CGW4703-MCSL-G-MP-1460-002-A21.7A-A_A21.7A-B_Sketch_Rev0.pdf and CGW4703-MCSL-G-MP-1460-001-A21.7B-A_A21.7B-B_Sketch_Rev0.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. A major culvert has the same meaning as in the Oil and Gas Road Regulation.

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



Tim Paull
Authorized Signatory
Commission Delegated Decision Maker

Copied to:

Land Agent – Roy Northern Land Service Ltd.
First Nations – Cheslatta Carrier Nation, Office Of The Wet'suwet'en, Skin Tyee Nation, Wet'suwet'en First Nation, Nee Tahi Buhn Indian Band (NTBIB)
Ministry of Forests District Office – (DND) Nadina Natural Resource District