

October 21, 2019

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

Attention: Coastal GasLink Pipeline Ltd

RE: Permit Replacement for Application Determination Number 100084642, OGC Legacy #9643660

Permit Holder: Coastal GasLink Pipeline Ltd
Permit Date of Issuance: March 7, 2007
Replacement Date of Issuance: October 21, 2019
Replacement Expiration Date: October 23, 2020
Application Determination No.: 100084642

GENERAL PERMISSIONS, AUTHORIZATIONS and CONDITIONS

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 conditions of the original permit, authorizations, subsequent amendments, corrections, and any additional conditions as set out herein.
3. The permit has been replaced for eight months 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 and enforcement

February 12, 2019

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

Attention: Coastal GasLink Pipeline Ltd

RE: Permit Replacement for Application Determination Number 100084642, OGC Legacy #9643660

Permit Holder: Coastal GasLink Pipeline Ltd
Permit Date of Issuance: March 6, 2019
Replacement Date of Issuance: February 12, 2019
Replacement Expiration Date: October 23, 2019
Application Determination No.: 100084642

GENERAL PERMISSIONS, AUTHORIZATIONS and CONDITIONS

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 conditions of the original permit, authorizations, subsequent amendments, corrections, and any additional conditions as set out herein.
3. The permit has been replaced for eight months and will expire on October 23, 2019.

Petroleum and Natural Gas Act

4. Pursuant to Section 138(1) of the Petroleum and Natural Gas Act, the permit holder is authorized to enter, occupy and use any unoccupied Crown land located within the operating area to carry out the associated oil and gas activity authorized under this permit.

CONDITIONS

5. The rights granted by this authorization 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 or sublicense this permit or permit any person to use or occupy the land, other than its employees, contractors, or representatives, without the Commission’s written consent.
7. The Permit Holder must ensure that the 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 the area is free of garbage, debris and unused equipment.

Permit Holder: Coastal GasLink Pipeline Ltd.

Application Submission Date: February 11, 2019

Application Determination number: 100084642

Date Issued: February 12, 2019



Jacqueline Bourke
Authorized Signatory
Commission Delegated Decision Maker

pc: Land Agent – Roy Northern Land Service Ltd.
OGC, Compliance and enforcement

March 6, 2017

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

Attention: Coastal GasLink Pipeline Ltd.

RE: Determination of Application Area Number 9643660

Permit Holder: Coastal GasLink Pipeline Ltd.
Date of Issuance: March 6, 2017
Effective Date: March 6, 2017
Application Submitted Date: December 3, 2015
Application Determination Number: 100084642
Approved Disturbance Footprint: 15.21ha

ACTIVITIES APPROVED

Associated Oil & Gas Activity No.: 00158397	Type: Campsite
Associated Oil & Gas Activity No.: 00158398	Type: Storage Area

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 areas described in construction plan Document No: CGW4703-MCSL-G-MP-556, revision 0, dated November 6, 2015 (the "construction plan"), by McElhanney as submitted to the Commission in the permit application dated December 3, 2015; herein after referred to as the 'activity area'.

GENERAL AUTHORIZATIONS and CONDITIONS

AUTHORIZATIONS

Land Act

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

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.: M02343

Cutting Permit No.: 15

Timber Mark No.: MTB706

Total New Cut: 8.53

Forest District: Nadina 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 approved under the permit.

GENERAL AUTHORIZATIONS and CONDITIONS

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 Wet'suwet'en First Nation a minimum of five (5) days prior to commencement of activities.
9. The permit holder must notify Skin Tyee Nation a minimum of five (5) days prior to commencement of activities.
10. The permit holder must notify Nee Tahi Buhn Indian Band a minimum of five (5) days prior to commencement of activities.
11. The permit holder must notify Dark House five (5) days prior to commencing activities.

General

12. 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.

13. The Permit Holder must not assign, sublicense or permit any person to use or occupy the land, other than its employees, contractors, or representatives, without the Commission's written consent.
14. 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.
15. The Permit Holder must ensure that the activity area is free of garbage, debris and unused equipment.

Environmental

16. 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 operating area prior to the construction activities taking place.
17. 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 resulting from the carrying out of activities authorized under this permit.
19. Following completion of the construction activities authorized herein, 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.
20. The permit holder must not undertake clearing, within the proposed WHA 6-333 between May 15 and July 15.

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 authorization.
23. 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.
24. All harvested Crown timber must be marked with the cutting permit's associated timber mark.
25. Stumpage for Cutting Permit No. 15 will be calculated in accordance with the Interior Appraisal Manual as amended from time to time.
26. Stumpage for cutting permits falling within the Coast Area, as defined in the Coast Appraisal Manual (the "Manual") will be calculated in accordance with the Manual (volume based).

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

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

ADVISORY GUIDANCE

1. 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.

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



Maureen Plews
Authorized Signatory
Commission Delegated Decision Maker

Copied to:

Land Agent: Roy Northern Land Service Ltd.
First Nations: Nee Tahi Buhn Indian Band, Skin Tyee Nation, Wet'suwet'en First Nations, Ya'tsalkas / Dark House
Ministry of Forests District Office: Nadina Natural Resource District