

January 11, 2021

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

Attention: Coastal GasLink Pipeline Ltd.

RE: Permit Replacement for Application Determination Number 100084703, OGC Legacy #9643651

Permit Holder: Coastal GasLink Pipeline Ltd.
Permit Date of Issuance: January 23, 2019
Replacement Date of Issuance: January 11, 2021
Replacement Expiration Date: January 23, 2022
Application Determination No.: 100084703
Ancillary Description: Storage Area – 00194880

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 original permit, authorizations, subsequent amendments and any additional conditions as set out herein .
3. The permit has been replaced for 12 months and will expire on January 23, 2022.

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



Jacqueline Bourke
Authorized Signatory
Commission Delegated Decision Maker

Copied to:

Land Agent – Roy Northern Land Service Ltd.



January 23, 2019

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

Attention: Coastal GasLink Pipeline Ltd.

RE: Determination of Application Area Number: 100084703

Permit Holder: Coastal GasLink Pipeline Ltd.

Date of Issuance: January 23, 2019

Effective Date: January 23, 2019

Application Submitted Date: December 7, 2015

Application Determination Number: 100084703

Approved Disturbance Footprint: 16.72 ha

ACTIVITIES APPROVED

Associated Oil & Gas Activity No.: 00194880	Type: Storage Area
Changes In and About a Stream: 0005149	

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 Document No., CGE4703-MSI-G-MP-476, Route Reference: cgp_Route_rEVf, revision 0, dated November 6, 2015 (the "construction plan"), by Coastal GasLink Pipeline Ltd. as submitted to the Commission in the permit application dated December 7, 2015; 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

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.: 5

Timber Mark No.: MTC800

Total New Cut: 16.72

Forest District: (DKM) Coast Mountains 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.

Water Sustainability Act

6. The Commission, pursuant to section 11 of the *Water Sustainability Act*, authorizes the changes in and about a stream, as detailed in the Activities Approved table above, within the activity area for construction and maintenance activities, unless otherwise restricted by this authorization:
 - a) Instream works must be carried out in accordance with the methods and any mitigations, as specified in the application.

CONDITIONS

Notification

7. 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.
8. 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.
9. The permit holder must notify the Sauleau First Nations Lands Department office two (2) working days prior to commencement. Notification will be sent to Fernie Garbitt at fgarbitt@saulteau.com.

General

10. 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.
11. 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.
12. 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.
13. The Permit Holder must ensure that the activity area is free of garbage, debris and unused equipment.

Environmental

14. 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.
15. 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.
16. 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.
17. 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

18. 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.
19. 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.
20. 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.
21. All harvested Crown timber must be marked with the cutting permit's associated timber mark.
22. 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.
23. Stumpage for Cutting Permit No. 5 will be calculated in accordance with the Interior Appraisal Manual as amended from time to time.

Water Course Crossings and Works

24. Stream, lake and wetland crossings must be constructed in accordance with the methods and any mitigations, as specified in the application.
25. In-stream activities within a fish bearing stream, lake or wetland must occur:
 - a) during the applicable reduced risk work windows as specified in the Peace Region Selected Terrestrial and Aquatic Wildlife Least-Risk Windows; or
 - 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.
26. 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.
27. Equipment used for activities under this approval must not be situated in a stream channel unless it is dry or frozen to the bottom at the time of the activity.
28. Activities within wetland WL-1805 must be carried out and restored in accordance with the following:
- a) Organic cover adjacent to the wetland must be retained;
 - b) Minimize erosion or release of sediment within the wetland;
 - c) Any padding materials must be removed as soon as practicable following construction, considering weather and ground conditions; and
 - d) The wetland, including banks and bed, must be restored, to the extent practicable, to the condition that existed before construction was initiated.
29. The proponent must ensure that the functionality and drainage pattern of the un-disturbed portion of wetland WL-1805 is maintained.

Archaeology

30. An AIA report must be submitted to the Commission as soon as practicable.
31. 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.

ADVISORY GUIDANCE

1. The permit holder should be aware that there may be First Nation's traditional, cultural, or spiritual activities occurring concurrently with maintenance activities, as well as areas of current use or cultural resources that overlap the activity area. All reasonable efforts should be made to minimize interference with those activities while carrying out the activities authorized herein.
2. 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*.
3. 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.

Permit Holder: Coastal GasLink Pipeline Ltd.
Application Determination number: 100084703

Application Submission Date: December 7, 2015
Date Issued: January 23, 2019

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



Jacqueline Bourke
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