



February 9, 2017

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

Attention: Coastal GasLink Pipeline Ltd.

RE: Determination of Application Area Number 100100766

Permit Holder: Coastal GasLink Pipeline Ltd.
Date of Issuance: February 9, 2017
Effective Date: February 9, 2017
Application Submitted Date: December 21, 2016
Application Determination Number: 100100766
Approved Disturbance Footprint: 3.72 ha

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 set out in the applicable Permitted Activities, Authorized Activities, and Activity Details tables below 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.

PERMITTED ACTIVITIES

Associated Oil & Gas Activity No.: 00146223	Type: Storage Area
--	---------------------------

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.

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.: M02340

Cutting Permit No.: 30

Timber Mark No.: MTC026

Total New Cut: 3.72

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

- 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.
- 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 the Saulteau First Nations Lands Department office five (5) working days prior to commencement. Notification will be sent to Fernie Garbitt at fgarbitt@saulteau.com.

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 to use or occupy the land, 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.

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 operating 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.
- 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 approval.

16. 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.
17. The Permit Holder must ensure that the activities authorized under this approval do not result in any deleterious materials being deposited into a stream, wetland or lake.
18. The permit holder must not undertake construction or significant maintenance activities within the riparian reserve zone of any stream, wetland or lake.
19. Following completion of the construction activities authorized herein, the permit holder must restore riparian management areas disturbed by activities to the ecological trajectory that existed on the site prior to the disturbance taking place.

Clearing

20. 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.
21. 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.
22. 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.
23. All harvested Crown Timber must be marked with the cutting permit's associated Timber Mark.
24. Stumpage for Cutting Permit No. 30 will be calculated in accordance with the Interior Appraisal Manual as amended from time to time.
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 authorization.

Archaeology

26. Archaeology site GkRg-32 must be avoided by construction crews.
27. An AIA report must be submitted to the Commission as soon as practicable.
28. 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.

Agriculture Land Commission

29. 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) 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 June 13, 2013, or in accordance with such alternate requirements identified by a qualified specialist and agreed to by the Commission, 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, and
 - c) 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

1. Construction Plan CGE4703-MSI-G-MP-372 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 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 plan(s) form an integral part of this permit.



Ashley Istead
Authorized Signatory
Commission Delegated Decision Maker

Copied to:

Land Agent – Roy Northern Land Service Ltd.
First Nations – SFN, MLIB, WMFN
Ministry of Forests District Office – (DPC) Peace Natural Resource District