



August 21, 2018

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

Attention: Coastal GasLink Pipeline Ltd.

RE: Determination of Application Area Number 100101305

Permit Holder: Coastal GasLink Pipeline Ltd.
Date of Issuance: August 21, 2018
Effective Date: August 21, 2018
Application Submitted Date: February 10, 2017
Application Determination Number: 100101305
Approved Disturbance Footprint: 0.555 ha

ACTIVITIES APPROVED

| | |
|------------------------|----------------|
| Road Number No.: 04318 | Segment No.: 1 |
|------------------------|----------------|

GENERAL PERMISSIONS, AUTHORIZATIONS and CONDITIONS

PERMISSIONS

Oil and Gas Activities Act

1. The BC Oil and Gas Commission, under section 25 (1) of the *Oil and Gas Activities Act*, hereby permits the Permit Holder referenced above to carry out the following activities, indicated in the Approved Activities table above, subject to the conditions contained herein, any applicable exemptions and authorizations:
 - a) To construct, maintain and operate an oil and gas road as detailed in the Activity Details tables below.
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'.

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.: M02344

Cutting Permit No.: 20

Timber Mark No.: MTC103

Total New Cut: 0.550

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 authorized under the permit.

CONDITIONS

Notification

6. 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.
7. At least 5 (five) working days prior to the commencement of construction, the Permit Holder must provide a notice of works to any First Nation(s) who may have Aboriginal Interests identified, as per the BC First Nations Consultative Areas Database, within the area in which the works are to occur.

General

8. 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.
9. 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.
10. 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.
11. The Permit Holder must ensure that any Crown land within the activity area is maintained free of garbage, debris and unused equipment.

Environmental

12. 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.
13. 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.
14. Except with leave of the Commission, the permit holder must not undertake clearing or significant maintenance activities within 200 metres of any active grizzly bear or black bear den between December 1 and April 30.
15. Except with leave of the Commission, the permit holder must not undertake clearing or significant maintenance activities within UWR U-6-009 between November 1 and May 1.

Clearing

16. 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.
17. 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.
18. All harvested Crown Timber must be marked with the cutting permit's associated Timber Mark.
19. Stumpage for Cutting Permit No.20 will be calculated in accordance with the Interior Appraisal Manual as amended from time to time.
20. 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

21. An AIA report must be submitted to the Commission as soon as practicable.
22. 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.

ACTIVITY SPECIFIC DETAILS PERMISSIONS, and CONDITIONS

ROAD

Land Area Number: 100002022

Road Number: 04318 **Road Type:** Long-Term - All-Weather

ACTIVITY DETAILS

| | |
|-------------------|--|
| Seg No.: 1 | Zone: 09 From: N 5992319.619 E 536228.66 To: N 5992138.881 E 536344.093 |
|-------------------|--|

All permissions for this activity are subject to the following conditions:

Road Conditions

23. The Permit Holder will immediately effect, and keep in force insurance of an amount not less than \$1,000,000 protecting the Province, the Commission and the Permit Holder (without any rights of cross-claim or subrogation) against claims for personal injury, death, property damage, or third party liability claims arising from any accident or occurrence on the activity area.

ADVISORY GUIDANCE

1. Construction Plan CGW4703-MCSL-G-MP-1009-RW-140.0-Sketch-Rev 0.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.

Permit Holder: Coastal GasLink Pipeline Ltd.

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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.

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 – Haisla Nation Council