



March 26, 2019

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

Attention: Coastal GasLink Pipeline Ltd.

**RE: Determination of Application Area Number 100106109**

**Permit Holder:** Coastal GasLink Pipeline Ltd.  
**Date of Issuance:** March 26, 2019  
**Effective Date:** March 26, 2019  
**Application Submitted Date:** February 18, 2019  
**Application Determination Number:** 100106109  
**Approved Disturbance Footprint:** 4.261 ha

**ACTIVITIES APPROVED**

<b>Associated Oil &amp; Gas Activity No.:</b> 00195166 to 00195198	<b>Type:</b> 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.

## CONDITIONS

### Notification

4. 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.
5. 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.

### Environmental

6. 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.
7. 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.
8. 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.
9. 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

10. 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.

### Archaeology

11. If an artifact, feature, material or thing protected under the Heritage Conservation Act is identified within the activity area, 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
  - c. resume work in the vicinity of the artifacts, features, materials or things in accordance with an appropriate mitigation plan that has been accepted by the Commission.
12. Prior to the commencement of construction activities the permit holder must:
  - a. complete an archaeological assessment of the activity area in accordance with applicable requirements of the Heritage Conservation Act, and

- b. complete and submit to the Commission an acceptable report on the results of the assessment.
13. If the report required under the condition above recommends any further assessment work on an area, the permit holder must not begin construction activities on that area until the further assessment is completed.

## **ADVISORY GUIDANCE**

1. Construction Plan, CGW4703-MCSL-G-MP-403-Geotech\_Borrow\_Nadina\_Sketch\_3664-Rev2.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. 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.

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



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Corey Scofield  
Authorized Signatory  
Commission Delegated Decision Maker

Copied to:

Land Agent – Roy Northern Land Service Ltd.