



October 20, 2015

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

Attention: Surface Land Administrator

Re: Investigative Use Permit - Geotechnical Investigation Program

Date of Issuance: October 20, 2015

Commission File No: 9641148

Applicant File No: 130473 (Prince George Forest District – Batch 2)

PERMISSIONS

1. 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 areas described in the attached construction plans;

CGE4703-MSI-G-MP-245-001-BorrowPit-2-PrinceG_FD-Sketch, Revision 1, dated August 14, 2014
CGE4703-MSI-G-MP-245-004-BorrowPit-2-PrinceG_FD-Sketch, Revision 1, dated August 14, 2014
CGE4703-MSI-G-MP-245-005-BorrowPit-2-PrinceG_FD-Sketch, Revision 1, dated August 14, 2014
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as submitted to the Commission in the permit application dated October 14, 2014 (hereinafter referenced together as the “site”), to conduct appraisals, inspections, analyses, inventories, surveys or other investigations, subject to the conditions set out below.

2. The authorization to occupy and use Crown land expires two years from the date of issuance, or if this authorization is suspended, cancelled, surrendered or declared spent.

CONDITIONS

1. Proposed sites E02, GF04 and 5779 are not authorized under this permit. Within 30 days of this approval, a new ePASS must be submitted to reflect the removal of sites E02, GF04 and 5779.
2. The permit holder may use and occupy the site to undertake investigative works for the purposes of carrying out oil and gas activities and related activities as defined in the *Oil and Gas Activities Act*.
3. The total disturbance within the site must not exceed 21.552 ha.
4. 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 an ePASS shape file and PDF plan accurately identifying the location of the total area actually disturbed under this permit.
5. The permit holder must notify the Commission a minimum of 48 hours prior to the commencement of activities under this permit. Notification must be sent to OGC.ExternalNotifications@bcogc.ca.
6. The authorization to occupy and use Crown land does not entitle the permit holder to exclusive possession of the area.

7. 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 Act* or *Wildlife Act*, or any extension or renewal of the same.
8. The permit holder must not assign, sublicense or transfer 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.
9. 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.
10. The permit holder must ensure that the area is free of garbage, debris and unused equipment.
11. Following completion of the activities authorized under this permit the permit holder must, as soon as practicable decompact any soils compacted by the activity.
12. Any surface soils removed from the site must be redistributed so that the soil structure is restored, to the extent practicable, to its condition before the activity was begun.
13. If natural surface drainage pattern was altered by the carrying out of the activity, the permit holder must
 - a. restore, to the extent practicable, to the drainage pattern and its condition before the alteration,
 - b. re-vegetate any exposed soil on the operating area 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.
14. The permit holder must avoid disturbance within any Wildlife Tree Retention Area.
15. The permit holder must not undertake any investigative works activity within the Hart Caribou Herd Area between May 15 and July 15.
16. Construction or maintenance activities within a fish bearing stream or wetland must occur during the applicable reduced risk work window as specified in the "Region 7 Omineca – Reduced Risk Timing Windows for Fish and Wildlife".
17. No clearing of vegetation must occur adjacent to Highway 97 for Borrow Pit sites 5677A and 5677B as per the "Visual Impact of Proposed Borrow Pit Geotechnical Investigation Program - Prince George Forest District" document submitted by the permit holder.
18. No construction activities are authorized in the vicinity of archaeology site GfRn-1 without the issuance of a site alteration permit, pursuant to the terms under Section 12 of the *Heritage Conservation Act* and as approved by the Commission.
19. An Archaeological Impact Assessment (AIA) is required for the proposed development area prior to any development activities taking place.
20. An AIA report is required and must be submitted to the Commission as soon as possible as per the Archaeology Process Guidelines.
21. 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; and
 - 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 Commission.
22. The permit holder must notify Blueberry First Nations a minimum of 48 hours prior to commencing any construction activities under this permit.
23. The permit holder must notify Lheidli T'enneh Band a minimum of 48 hours prior to commencing any construction activities under this permit.
24. The permit holder must notify McLeod Lake Indian Band a minimum of 48 hours prior to commencing any construction activities under this permit.
25. The permit holder must notify Nak'azdli First Nation a minimum of 48 hours prior to commencing any construction activities under this permit.
26. The permit holder must notify Saulneau First Nation a minimum of 48 hours prior to commencing any construction activities under this permit.
27. The permit holder must notify Moberly First Nations a minimum of 48 hours prior to commencing any construction activities under this permit.
28. The permit holder must notify Carrier Sekani Tribal Council a minimum of 48 hours prior to commencing any construction activities under this permit.

RELATED AUTHORIZATIONS ASSOCIATED WITH THE PERMIT

Cutting Permit under Master Licence to Cut under section 47.4 of the Forest Act

1. The Commission hereby issues the Permit holder Cutting Permit No. 11 under Master Licence to Cut number M02341, subject to the following conditions:
- a. This Cutting Permit is subject to the terms and conditions in the Master Licence to Cut.
 - b. This Cutting Permit applies to only the Crown land portion shown on construction plans associated with this Permit.

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- c. All harvested Crown timber must be marked with Timber Mark Number MTB 054.
- d. This Cutting Permit is deemed spent upon the submission of the "Post-Construction Plan" or upon either the cancellation or the expiry of the "permitted oil and gas activity".
- e. This Cutting Permit does not grant the Permit Holder the exclusive right to harvest timber from the License area and the Commission reserves the right to grant rights to other persons to harvest timber from the License area.
- f. The felling, bucking and utilization specifications as described in Appendix A of your Master License to Cut applies to this Cutting Permit.
- g. Stumpage for this Cutting Permit will be calculated as per Section 6.7 in the Interior Appraisal Manual.
 - i. Where timber felled on the cutting authority area that will not be removed from the site, volume billed will be based on an approved alternate method of scale.

- h. Timber that is stored in decks or piles must be marked with the correct timber mark before transportation, or at the end of every shift. The marking must be applied to one end of at least 10% of the timber pieces in each deck or pile using a hammer indentation or paint. Marking must be kept concurrent with decking.
- i. Where the Permit Holder is aware of overlapping forest tenure rights that have been granted to other persons, the Permit Holder is obligated to communicate to these persons the timing and extent of their harvest operations at least two weeks prior to commencement of harvest and take all reasonable steps to coordinate their activities with these persons.
- j. In accordance with the Master Licence to Cut referenced above, "Within 60 days of completing operations on a Cutting Permit, the Licensee shall submit to the Commission a map showing all disturbances that have occurred pursuant to that Cutting Permit, at a scale of 1:20,000 or 1:50,000".

Changes in and about a Stream Authorization under section 9 of the *Water Act*

- 1. The Oil and Gas Commission hereby authorizes the holder under section 9 of the *Water Act* to make changes in and about streams, as shown on construction plan numbers

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subject to the following conditions:

- a. Any substance, sediment, debris or material that could adversely impact the stream must not be allowed or permitted to enter or leach or seep into the stream from an activity, construction, worksite, machinery or from components used in the construction of any works, or must not be placed, used or stored within the stream channel.
- b. Temporary material, fill, bridge, culvert, pump, pipe, conduit, ditch or other structure used in the construction of any works must be constructed and maintained only during the period of construction, and must be removed upon completion of the works.
- c. Activities associated with the stream crossing are carried out in accordance with the regional and/or species-specific timing windows or the period(s) of time in the year when the change can proceed without causing serious harm to fish, wildlife or habitat.
- d. The stream crossing is constructed and maintained at times and in a manner that will not cause serious harm to fish that are parts of a commercial, recreational or Aboriginal (CRA) fishery, as defined under Section 35 of the *Fisheries Act*.

ADVISORY GUIDANCE

- 1. Appropriate sublicence 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 application for all subsequent Land Act tenures; no further applications for replacement tenure is required.

The attached plan(s) forms an integral part of this authorization.



Review Approval Resource Officer

- pc. Land agent: Roy Northern Land and Environmental
OGC File: 9641148
OGC First Nations: Blueberry First Nations, Lheidli T'enneh Band, McLeod Lake Indian Band, Nak'azdli First Nation, Sauteau First Nation and West Moberly First Nations.