



November 25, 2015

Pacific Trail Pipelines Management Inc.
500, 5th Avenue S.W.
Calgary, AB
T2P 0L7

Attention: Surface land Administrator

Re: Geotechnical Investigation Permit located within a-83-J, c-63-J, a-54-J, c-34-J/103-I-02

Date of Issuance: November 25, 2015
Commission No.: 9640241

PERMISSIONS

1. 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 areas described in the attached construction plan, CAN-AM FILE: N20140105, CAD FILE: N20140105SK7-1, Revision 1; dated May 06, 2014 by Can-Am Geomatics as submitted to the Commission in the permit application dated May 28, 2014 to construct and operate a related activity for the purposes of carrying out oil and gas activities as defined in the *Oil and Gas Activities Act* (hereinafter referenced together as the "site"), subject to the conditions set out below.
2. The authorization 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 authorization is otherwise suspended, cancelled, surrendered or declared spent.

CONDITIONS

1. The total disturbance within the site must not exceed 0.86 ha.
2. The authorization to occupy and use Crown land does not entitle the permit holder to exclusive possession of the site.
3. 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.
4. 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.
5. A notice of construction start must be submitted to 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 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
7. The permit holder must ensure that the area is free of garbage, debris and unused equipment.
8. Following completion of the activities authorized under this permit the permit holder must, as soon as practicable decompact any soils compacted by the activity.
9. 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; and
 - 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.
10. Following completion of the activities authorized under this permit, 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.
11. 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.
12. 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 Commission.
13. No borehole pad is to be located within the Riparian Management Area of any watercourse, wetland or lake.
14. No works are authorized within any Non-Classified Drainage.
15. The permit holder must notify the Haisla Nation office two (2) working days prior to commencement of activities.
16. The permit holder must notify the Kitselas First Nation office two (2) working days prior to commencement of activities.

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. 32 under Master Licence to Cut number M02280, 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 survey plan associated with this permit (survey plan number, CAN-AM FILE: N20140105, CAD FILE: N20140105SK7-1, Revision 1; dated May 06, 2014 by Can-Am Geomatics).
 - c. All harvested Crown timber must be marked with Timber Mark Number MTA 761.
 - 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.

ADVISORY GUIDANCE

- 1. 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.
- 2. Kitselas First Nation requests that the permit holder provide copies of reports to Kitselas First Nation upon completion of documents.
- 3. Kitselas First Nation requests that upon discovery of archeological sites protected under the Heritage Conservation Act the proponent shall contact Kitselas First Nation.
- 4. Kitselas First Nation requests to be notified in the event of any spills or other environmental incidents.
- 5. Kitselas First Nation requests that the permit holder provide an opportunity for a Kitselas representative to be present on site during works.

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



Justin Anderson
Authorized Signatory
Commission Delegated Decision Maker

pc. Scott Land Lease Co. Ltd.
OGC File: 9640241
MoFLNRO: Kalum
OGC First Nations: KFN, HN, LKFN
WorkSafeBC

