



October 18, 2016

Prince Rupert Gas Transmission Ltd.
450 – 1st Street SW
Calgary, Alberta
T2P 5H1

Attention: Keri-Lynn Bruce

RE: Commission File Number 9640912

Permit Holder: Prince Rupert Gas Transmission Ltd.
Date of Issuance: October 18, 2016
Effective Date: October 18, 2016
Application Submitted Date: April 29, 2016
Commission File Number: 9640912
Approved Disturbance Footprint: 78.16 ha

GENERAL PERMISSIONS, AUTHORIZATIONS and CONDITIONS

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 authorizes 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

2.

Associated Oil & Gas Activity No.: 9640912	Type: Storage Area
---	---------------------------

3. The permissions and authorizations granted under this permit are limited to the area described in construction plan FOCUS: 131218SK02R3, revision 3, dated September 9, 2014 (the “construction plan”) by WSP Surveys (BC) Limited Partnership as submitted to the Commission in the permit application dated April 29, 2016 (hereinafter referenced as the “operating area”).
4. 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

5. 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.: M02372

Cutting Permit No.: 8

Timber Mark No.: MTA 987

Total New Cut: 26.93

Forest District: *Mackenzie Natural Resource District*

Region: *Interior*

6. The Cutting Permit(s) is deemed spent upon the submission of the post-construction plan or upon either the cancellation or expiry of the activities authorized by this permit.

CONDITIONS

Notification

1. 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.
2. 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.
3. The permit holder must notify Yekooche First Nation a minimum of five (5) working days prior to commencement of activities.
4. The permit holder must notify Nak'azdli Band a minimum of five (5) working days prior to commencement of activities.
5. The permit holder must notify Takla Lake First Nation a minimum of five (5) working days prior to commencement of activities.

General

6. 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.
7. 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.
8. 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.
9. The Permit Holder must ensure that the activity area is free of garbage, debris and unused equipment.

Environmental

10. 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.
11. Following completion of the construction activities authorized under this authorization 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) ensure re-vegetation of any exposed soil on the operating 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 operating area before the oil and gas activity was begun, and
 - ii. stabilize the soil if it is highly susceptible to erosion.
12. Following completion of the activities permitted under this permit, any surface soils removed from the operating area must be redistributed so that the soil structure is restored, to the extent practicable, to its condition before the activity was begun.

Clearing

13. The Permit Holder is authorized 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.
14. 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.
15. 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.
16. All harvested Crown Timber must be marked with the Cutting Permit's associated Timber Mark.
17. Stumpage for cutting Permits falling within the Interior Area, as defined in the Interior Appraisal Manual (Manual) will be calculated in accordance with the Manual as amended from time to time. In the current version of the Manual, stumpage will be determined in accordance with Table 6-7 (area based)
18. 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

19. 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

Permit Holder: Prince Rupert Gas Transmission Ltd.

Application Submission Date: April 29, 2016

Commission File Number: 9640912

Date Issued: October 18, 2016

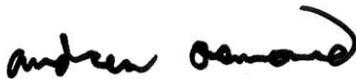
Non-OGAA v1.0

- 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.

ADVISORY GUIDANCE

1. 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*.

All pages included in this Permit and any attached plan(s) form an integral part of this Permit.



Andrew Osmond
Authorized Signatory
Commission Delegated Decision Maker

Copied to:

Land Agent – Roy Northern Land Service Ltd.
First Nations – CSTC, HRFN, MLIB, NAB, TLFN, WMFN, YFN
Ministry of Forests District Office – Mackenzie Natural Resource District



October 20, 2015

Prince Rupert Gas Transmission Ltd.
450-1st Street SW
Calgary, Alberta T2P 5H1

Attention: Prince Rupert Gas Transmission Ltd.

Re: Multi-Use Site Permit for Secondary Oil and Gas Activities - Section 39 over Crown Land, Cassiar District within a-28-A/93-N-01, b-18-A/93-N-01, d-18-A/93-N-01, a-27-A/93-N-01, d-17-A/93-N-01, c-18-A/93-N-01, b-27-A/93-N-01 and c-27-A/93-N-01.

Date of Issuance: October 20, 2015
Commission File No: 9640912
Applicant File No: 130316(113, 114A & 114B)

PERMISSIONS

The Oil and Gas Commission ("Commisson") hereby authorizes the holder of permit number 9640912, under section 39 of the *Land Act*, to allow Prince Rupert Gas Transmission Ltd. (the "permit holder") to occupy Crown land within the areas described as Multi-Use Site in the attached sketch plan: FOCUS: 131218SK02R3, Revision 3, dated September 9, 2014 as submitted to the Commission in the permit application dated September 16, 2014 (hereinafter referenced together as the "Site"), to construct and operate a Multi-use Site (Camp, Stockpile Site, and Laydown Yard) under Authorization Number 945755, subject to the conditions set out below.

CONDITIONS

1. The permit holder may use and occupy the Site only for the purposes of constructing and operating a Multi-use Site (Camp, Stockpile Site, and Laydown Yard) for oil and gas activities and related activities as defined in the *Oil and Gas Activities Act*.
2. The total disturbance within the Site must not exceed:
 - a. Camp: 24.84 ha.
 - b. Stockpile Site: 35.50 ha.
 - c. Laydown Yard: 17.82 ha.
3. A Section 39 License of Occupation for the Crown Land portion of this Camp, Stockpile Site, and Laydown Yard is attached. The permit holder is subject to the conditions contained in the Licence of Occupation.
4. Within 60 days of the completion of the clearing phase, the permit holder must submit to the Commission a post-construction plan as an ePASS shape file accurately identifying the locations of the overall disturbance within the Site.

5. The permit holder must abide by and comply with all applicable laws, bylaws, orders, directions, ordinances, and regulations of any government authority having jurisdiction in any way affecting its use or occupation of the Site, including, without limitation, the provisions of the Land Act and the provisions of this Permit.
6. 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.
7. 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.
8. In all locations where run-off from the permitted area may flow into a watercourse, the permit holder must contour and stabilize banks and approach slopes and install berms, silt fences, cross ditches, or other alternative effective measures as appropriate to minimize erosion and avoid sediment deposit into the watercourse.
9. Within 2 years of when the permit area is no longer required for activities under the permit, the permit holder must establish trees on the area consistent with:
 - a) the standards for tree species selection, stocking density and inter-tree spacing that applied to the site immediately prior to approval of the permit, and
 - b) the Forest and Range Practices Act standards for seed selection and seed transfer specified in the Chief Forester's Standards for Seed Use in place at the time seed or seedlings are selected by the permit holder or;
 - c) alternative requirements identified by the permit holder and accepted by the Commission.
10. The permit holder must undertake reasonable measures to mitigate noise from permitted activities that have the potential to affect public safety or significantly impair the use and enjoyment of lawfully occupied permanent dwellings, significant public use areas, areas known to be traditionally used by First Nations, or other similar areas during periods of use.
11. The permit holder must undertake reasonable measures to mitigate the impacts of light from permitted activities that have the potential to affect public safety or significantly impair the use and enjoyment of lawfully occupied permanent dwellings, significant public use areas, areas known to be traditionally used by First Nations, or other similar areas.
12. The permit holder must notify the Halfway River First Nation a minimum of five (5) working days prior to commencement of activities.
13. The permit holder must notify the Nak'azdli First Nation a minimum of five (5) working days prior to commencement of activities.
14. The permit holder must notify the Takla Lake First Nation a minimum of five (5) working days prior to commencement of activities.
15. The permit holder must notify the McLeod Lake Indian Band a minimum of five (5) working days prior to commencement of activities.

16. The permit holder must notify the West Moberly First Nations a minimum of five (5) working days prior to commencement of activities.
17. The permit holder must notify the Yekoochie First Nations a minimum of five (5) working days prior to commencement of activities.
18. The permit holder will restore the site to the satisfaction of the Commission following expiration or cancellation of this Permit.

CUTTING PERMIT AUTHORIZATION

1. The Commission hereby issues the Permit holder Cutting Permit No. 8 under Master Licence to Cut number M02372, 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 sketch plan associated with this permit (Focus131218SK02R3, Revision 3, dated September 9, 2014).
 - c. All harvested Crown timber must be marked with Timber Mark Number MTA 987.
 - 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 Table 6.7 in the Interior Appraisal Manual
 - 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".
2. This permit authorizes a maximum total new cut area within the Site of:
 - a. Camp: 8.54 ha.
 - b. Stockpile Site: 13.70 ha.
 - c. Laydown Yard: 4.69 ha.

Advisory Guidance

1. Nak'azdli First Nation requests that if artifacts, features, materials or things protected under section 13(2) of the Heritage Conservation Act are identified, the permit holder notify Nak'azdli First Nation of the items identified.

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



Justin Anderson
Authorized Signatory
Commission Delegated Decision Maker

pc. Roy Northern Land Service Ltd.
OGC File: 9640912
OGC First Nations (Carrier Sekani Tribal Council, Halfway River First Nation, McLeod Lake Indian Band, Nak'azdli First Nation, Takla Lake First Nation, West Moberly First Nations, Yekoochie First Nation)
MoFLNRO, Mackenzie

Prince Rupert Gas Transmission Project



PRINCE RUPERT GAS TRANSMISSION LTD.

SKETCH PLAN SHOWING PROPOSED MULTI-USE SITE 113 (24.84 ha), MULTI-USE SITE 114A (35.50 ha), MULTI-USE SITE 114B (17.82 ha), PROPOSED 20x300m ACCESS ROAD (S1) FROM a-18-A, 93-N-1 TO a-18-A, 93-N-1, PROPOSED 20x106m ACCESS ROAD (S2) FROM d-17-A, 93-N-1 TO c-17-A, 93-N-1 AND PROPOSED 20x115m ACCESS ROAD (S3) FROM d-17-A, 93-N-1 TO d-17-A, 93-N-1, ALL WITHIN UNITS 17, 18, 27 & 28 BLOCK A, 93-N-1 Unsurveyed Crown Land, Peace River District



The intended plot size of this plan is 432mm in width by 280mm in height when plotted at a scale of 1: 5000 (use B size sheet)

BCGS: 93N.010

Rev	Revision Description	Date(Y/M/D)	By
0	Original Plan Prepared	2014/06/20	PC/JN
3	Revised Site Names, Area Table, and ePASS for Multi-Use Application	2014/09/09	JM



Focus Surveys (BC) Limited Partnership
10716 - 100th Avenue Fort St John BC
V1J 1Z3 250.787.0300 www.focus.ca

FOCUS: 131218SK02R3
ePASS: 10048709
ePASS (ROAD): 10048079
SHEET: 1 of 1
REV. 3

REFER TO FOCUS FILE 131218SK02R3_RSR FOR PROPOSED ROAD SEGMENT INFORMATION

DATUM: NAD83
PROJECTION: UTM ZONE10

AREA TABLE			
PROPOSED FEATURE	NEW CUT	EXISTING CLEARING	TOTAL
Multi-Use Site Within Crown Land			
Multi-Use Site 113	8.54 ha	16.30 ha	24.84 ha
Multi-Use Site 114B	4.69 ha	13.13 ha	17.82 ha
Multi-Use Site 114A	13.70 ha	21.80 ha	35.50 ha
TOTAL	26.93 ha	51.23 ha	78.16 ha

AREA TABLE			
PROPOSED FEATURE	NEW CUT	EXISTING CLEARING	TOTAL
Access Roads Within Crown Land			
Access Road S1	0.00 ha	0.63 ha	0.63 ha
Access Road S2	0.00 ha	0.24 ha	0.24 ha
Access Road S3	0.00 ha	0.26 ha	0.26 ha
TOTAL	0.00 ha	1.13 ha	1.13 ha
TOTAL AREAS	26.93 ha	52.36 ha	79.29 ha

No.	STATION	DESCRIPTION	NAD 83 UTM ZONE10	OWNER
10	(S3) 0+115	End of Proposed Access Road	N: 6097008 E: 430933	PRGT
9	(S3) 0+055	Proposed Pipeline R/W	N: 6096967 E: 430978	PRGT
8	(S3) 0+000	Start of Proposed Access Road	N: 6096930 E: 431019	PRGT
7	(S2) 0+106	End of Proposed Access Road	N: 6096851 E: 430744	PRGT
6	(S2) 0+054	Proposed Pipeline R/W	N: 6096811 E: 430777	PRGT
5	(S2) 0+000	Start of Proposed Access Road	N: 6096769 E: 430812	PRGT
4	(S1) 0+300	End of Proposed Access Road	N: 6096536 E: 430109	PRGT
3	(S1) 0+254	Drainage - Non Visible Channel	N: 6096506 E: 430143	ILMB
2	(S1) 0+109	Proposed Pipeline R/W	N: 6096411 E: 430252	PRGT
1	(S1) 0+000	Start of Proposed Access Road	N: 6096339 E: 430334	PRGT

TABLE OF CROSSINGS

ACCESS LINE OF SIGHT DISTANCES		
ACCESS POINT	DISTANCE	EXISTING APPROACH
AP1	±1200m (W) / ±500m (E)	Yes
AP2	±500m (W) / ±965m (E)	No
AP3	±265m (W) / ±700m (E)	Yes

NOTES:
Project to be flagged at time of construction. Distances shown are in metres and decimals thereof. Proposed access approaches have not been swept for buried facilities. The nearest Residence is 43.87 km to the Southwest. This project is not within the Agricultural Land Reserve. Stream Classifications were compiled by Stantec during environmental field assessments. Wetland Classifications and Wetland Polygons were compiled by Stantec during environmental field assessments. The Stantec field verified wetlands and classifications data set (2014/08/08), covers an assessment area 100m beyond the proposed features.

Cutblock data is confirmed using information from the Government of BC websites for Forest MapView and iMapBC. Information from these sources can be subject to change without notice. Focus Surveys (BC) and its employees take no responsibility for accuracy or completeness of this information.

LEGEND:

- Proposed Area
- Drainage
- Cutblock
- Road
- Bushline
- Mineral
- Utility Reserve/Notation
- Right of Way
- Stantec Wetland Classification-Unclassified Wetland (UN)
- Stantec Wetland Classification-W1 thru W2 Wetland (W#)
- Stantec Wetland Polygons
- Stantec Stream Classification-Non Visible Channel (NYC)

Unsurveyed

RETIRED CUTBLOCK
ABITIBI CONSOLIDATED COMPANY OF CANADA
A76484 G25R

BLOCK A
PANG GROUP
93-N-1

MINERAL/PLACER/COAL RESERVE
Ministry of Energy, Mines and Petroleum Resources
Tenure #330209

MINERAL CLAIM
Ministry of Energy, Mines and Petroleum Resources
Tenure #511859

3m High Spruce & Pine Cutblock

Spruce, Pine & Balsam to 25cm Ø

EAST FRASER FIBER CO. LTD.
FORESTRY ROAD R12612 24 (Retired)

EAST FRASER FIBER CO. LTD.
FORESTRY ROAD R12612 25 (Retired)

PROPOSED 20 x 300m ACCESS ROAD (S1) WITH (2) 15m CORNER CUTS

OPENING # 33 93N010

PROPOSED PRGT PIPELINE R/W SEE FOCUS CONSTRUCTION PLAN 130275CP02

COMMUNITY CONNECTOR (RAINBOW ROAD) (HIGH GRADE GRAVEL ROAD)

PROPOSED 20 x 106m ACCESS ROAD (S2) WITH (2) 15m CORNER CUTS

OPENING # 30 93N010

PROPOSED 20 x 115m ACCESS ROAD (S3) WITH (2) 15m CORNER CUTS

UTILITY RESERVE / NOTATION
Gas & Oil Pipeline
Ministry of Natural Gas Development (NGD)
File Number 6408710

20m Riparian Management Zone
10m Riparian Reserve Zone

Land use Plans Within Proposed Project:
(Layers not shown on sketch Plan)
-Mackenzie LRMP