

Commission File: 9642859

February 12, 2016

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

Attention: Prince Rupert Gas Transmission Ltd.

Re: Correction of Road Permit located at Seg. 1 from b-64-B, 93-O-16 to a-93-B, 93-O-16

The BC Oil and Gas Commission, under section 78(2)(b) of *Oil and Gas Activities Act*, hereby corrects the Permit and Authorizations Associated with the Permit containing 3.12 hectares, as shown on sketch plan, Document No: 30.0.2.0_OGC_20k, revision 0, dated July 30, 2015 by McElhanney Geomatics Professional Land Surveying Ltd., as follows:

- Replace permission 1(a) with: The authorization granted under this permit is limited to the area described in ePASS 10053089 as submitted to the Commission in the transition application dated August 11, 2015.
- The addition of the following conditions:
 1. Within 45 days of this approval, the permit holder must submit a revised ePASS 10053089 to reflect the change in road right of way width.
 2. The permit holder must submit the post-construction plan, as per section 11 of the Oil and Gas Road Regulation, as an ePASS shape file and PDF plan accurately identifying the location of the total area actually disturbed under this permit, unless there will be no change to the operating area and ePASS shape file submitted as part of the application.
 3. The permit holder will immediately effect, and keep in force while occupying the site, 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 site.
 4. The permission to occupy and use Crown land does not entitle the permit holder to exclusive possession of the area.
 5. The rights granted by this permission 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.
 6. 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.

7. A notice of construction start must be submitted to the Commission a minimum of 72 hours prior to the construction of activities under this permit. Notification must be sent to OGC.ExternalNotifications@bcogc.ca.
8. 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.
9. The permit holder must ensure that the area is free of garbage, debris and unused equipment.
10. Prior to commencement of any ground disturbing activities, the permit holder must have an archaeological overview assessment completed by a qualified professional and complete any applicable archaeological impact assessments, based on the recommendations of the qualified professional.
11. The permit holder must restrict all activities to the previously cleared road right of way. Where new cut is required, the permit holder must submit an amendment application to request authorization to clear new area.
12. Following initial construction, stream crossings are authorized for necessary road modification or maintenance activities on the operating area except for
 - a. construction or replacement of a bridge or major culvert on a S1, S2, S3 or S5 stream;
 - b. installation of a closed bottom structure in a fish bearing stream; or
 - c. excavation or grading of a stream bank or stream bed.
13. Stream crossings must be constructed, maintained and deactivated according to the following requirements, as applicable:
 - a. only bridges, culverts, ice bridges or snow fills may be constructed at stream crossings;
 - b. snow fills must consist of clean snow and may only be located on streams that are dry or frozen to the bottom during the period of construction, maintenance and use. Where periodic thaws are anticipated, culverts must be installed to allow meltwater to pass through. Snow fill and any installed culverts must be removed prior to spring snow melt;
 - c. ice bridges on fish bearing streams may only be constructed where sufficient water depth and stream flows prevent the bridge structure from coming in contact with the stream bottom;
 - d. water applied to construct an ice bridge on a water body must be sourced in accordance with the *Water Act* unless
 - i. the water body is a stream with a stream channel width of at least 5 metres and is not designated as a sensitive stream under the *Fish Protection Act*, or has a riparian class of W1, W3, or L1,
 - ii. the water is sourced from the same water body proximal to the location on which the ice bridge is constructed,
 - iii. the water body is not within the boundaries of a public park,
 - iv. pump intakes do not disturb beds of streams or wetlands and are screened with a maximum mesh size and approach velocity in accordance with the Fisheries and Oceans Canada Freshwater Intake End-of-Pipe Fish Screen Guideline, and
 - (i) where the water body is a stream, the flow of water in the stream at the time and location of pumping exceeds 60 litres per second and the instantaneous pumping rate does not exceed 1% of the water flowing in the water body at the time and location the pumping occurs, or
 - (ii) where the water body is a lake or pond, the cumulative volume of water withdrawn does not exceed 10 cm of lake or pond depth, calculated as the product of lake or pond surface area x 10 cm;

- e. records of water withdrawal and corresponding streamflow measurements are maintained by the permit holder and provided to the Commission upon request;
- f. in-stream activities within a fish bearing stream, lake or wetland must occur:
 - i. during the applicable reduced risk work windows as specified in the Peace Region Selected Terrestrial and Aquatic Wildlife Least-Risk Windows – April 2011,
 - ii. in accordance with alternative timing and associated mitigation recommended by a qualified professional and accepted by the Commission, or
 - iii. in accordance with an authorization or letter of advice from Fisheries and Oceans Canada that is provided to the Commission;
- g. bridge or culvert abutments, footings and scour protection must be located outside the natural stream channel and must not constrict the channel width;
- h. equipment used for activities under this authorization must not be situated in a stream channel unless it is dry or frozen to the bottom at the time of the activity.

The permit holder must comply with all conditions in the original permission and any additional conditions as noted above.

This letter forms an integral part of the Permit and should be attached thereto.



Brian Murphy
Executive Director, Major Projects
Commission Delegated Decision Maker

cc: Roy Northern Land Service Ltd.
OGC File: 9642859



September 25, 2015

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

Attention: Surface Land Administrator

RE: Road Permit

Date of Issuance: September 25, 2015
Transition of Non-Status Roads to OGAA Road Permit Under the Implementation of OGRR.
OGC File No. 9642859
Road Permit No.: 03406
Road Name: PRGT Dokie Switch Yard Access Road R3406

PERMISSIONS

1. The BC Oil and Gas Commission ("the Commission"), under section 25 (1) of the *Oil and Gas Activities Act* hereby permits the holder to construct and maintain an oil and gas road, subject to the following conditions:
 - a. The permissions granted under this Permit are limited to the existing road location specified in sketch plan Document No.: 30.0.2.0_OGC_20K, revision 0, dated July 30, 2015, as submitted to the Commission in the Permit application date August 11, 2015 (the "operating area").
 - b. Permission to construct is limited to required modifications within the operating area but does not include:
 - i) construction or replacement of a bridge or major culvert on a S1, S2 or S5 stream,
 - ii) installation of a closed bottom structure in a fish bearing stream, or
 - iii) excavation or grading of a stream bank or stream bed.
 - c. Stream crossings must be constructed, maintained and deactivated according to the following requirements, as applicable:
 - i) only bridges, culverts, ice bridges or snow fills are may be constructed at stream crossings,
 - ii) snow fills must consist of clean snow and may only be located on streams that are dry or frozen to the bottom during the period of construction, maintenance and use. Where periodic thaws are anticipated, culverts must be installed to allow meltwater to pass through. Snow fill and any installed culverts must be removed prior to spring snow melt,
 - iii) ice bridges on fish bearing streams may only be constructed where sufficient water depth and stream flows prevent the bridge structure from coming in contact with the stream bottom and where significant spring ice jams are unlikely to occur,
 - iv) in-stream activities within a fish bearing stream must occur:
 - a) during the applicable reduced risk work windows as specified in the version of the Fish and Wildlife Timing Windows for Selected Species – Peace Region in place at the time the activity occurs;
 - b) in accordance with alternative timing and associated mitigation recommended by a qualified professional and accepted by the Commission; or

- c) in accordance with an authorization or letter of advice from Fisheries and Oceans Canada that is provided to the Commission.
 - v) Bridge or culvert abutments, footings and scour protection must be located outside the natural stream channel and must not constrict the channel width.
 - vi) Equipment used for activities under this authorization must not be situated in a stream channel unless it is dry or frozen to the bottom at the time of the activity.
2. 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 operating area to carry out the oil and gas activities authorized under this permit.

AUTHORIZATIONS

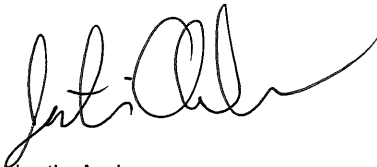
The Oil and Gas Commission hereby authorizes the road permit holder under section 9 of the *Water Act* to make changes in and about streams for necessary road modification or maintenance activities within the operating area.

This authorization is subject to the following conditions:

1. Only bridges, culverts, ice bridges or snow fills are permitted at stream crossings.

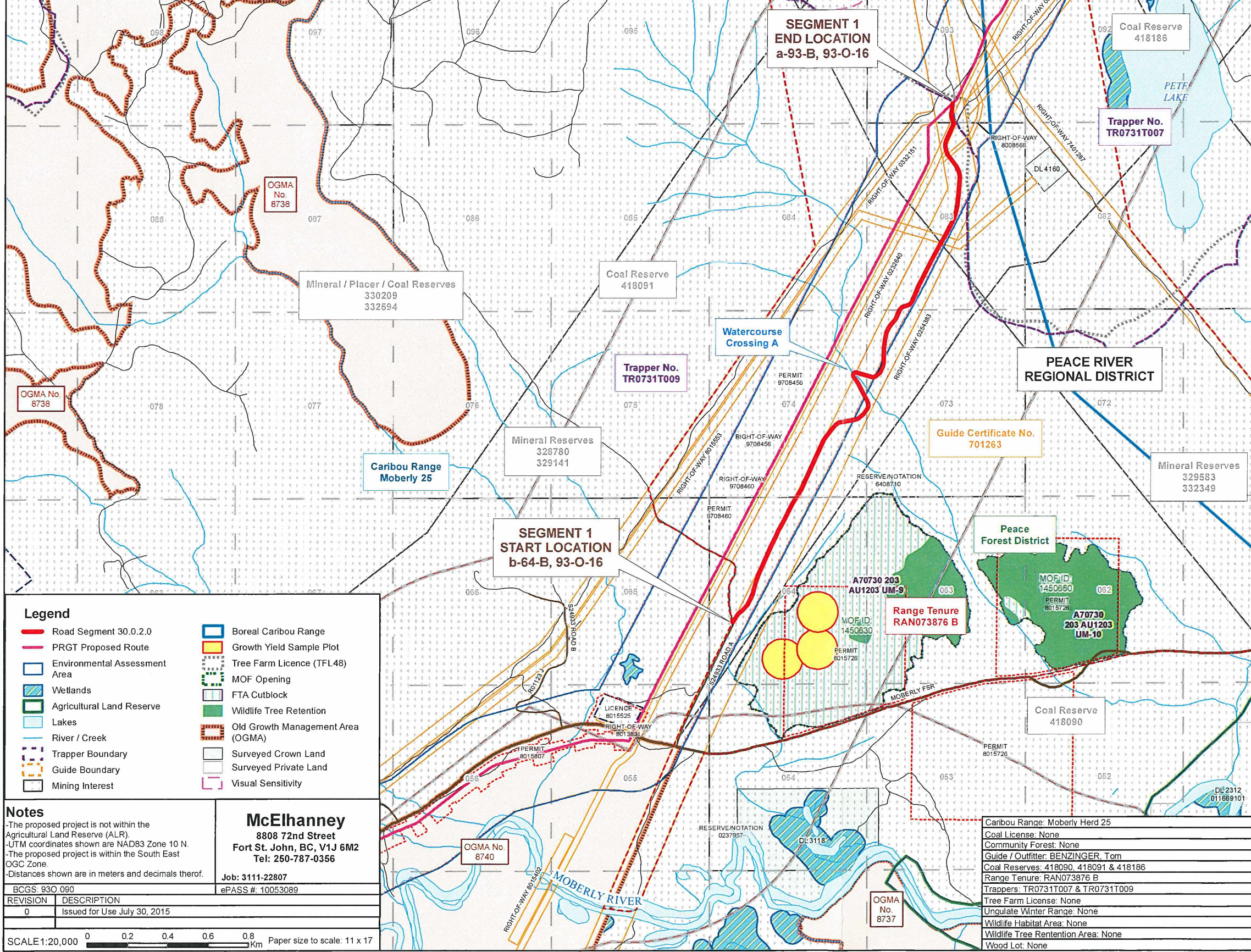
ADVISORY GUIDANCE

1. The Permit holder must construct and maintain the road in accordance with the Oil and Gas Road Regulation (OGRR).
2. The Permit holder must not close or restrict the use of the road except as provided for in *the Oil and Gas Road Regulation*.
3. Prior to deactivating the road, the Permit holder must provide written notice of the this intention according to the requirements of the *Oil and Gas Road Regulation*.
4. The *Environmental Protection and Management Regulation* (EPMR) has been amended to incorporate oil and gas roads and thus the Permit holder must ensure that all activities associated with the construction, maintenance and deactivation of an oil and gas road must abide by the pertinent requirements as prescribed in the EPMR.



Justin Anderson
Commission Delegated Decision Maker
pc. Roy Northern Land Service Ltd.
OGC File: 9642859

ROAD SEGMENTS (MLSL 30.0.2.0 & 30.0.2.2)							
SEGMENT	FROM	NAD83 UTM ZONE 10		TO	NAD83 UTM ZONE 10		
		NORTHING	EASTING		NORTHING	EASTING	
1	b-64-B/93-O-16	6184430±	551746±	a-93-B/93-O-16	6157015±	552802±	
		WIDTH			AREA (ROAD)		LAND TYPE
		MIN	MAX		NEW CUT	TOTAL	
		3.116 km	10m	10m	0.00 ha	3.12 ha	CROWN



No	DESCRIPTION	NORTHING/EASTING	DRAWING
A	S3 Creek - Existing Culvert	N 6185666± E 552329±	No Plan Req'd

Proposed Features:	New Cut	Existing Clearing	Total
PROPOSED ROAD UPGRADE	0.00 ha	3.12 ha	3.12 ha
TOTAL CROWN LAND DISTURBANCE	0.00 ha	3.12 ha	3.12 ha

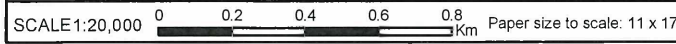
Legend

- Road Segment 30.0.2.0
- PRGT Proposed Route
- Environmental Assessment Area
- Wetlands
- Agricultural Land Reserve
- Lakes
- River / Creek
- Trapper Boundary
- Guide Boundary
- Mining Interest
- Boreal Caribou Range
- Growth Yield Sample Plot
- Tree Farm Licence (TFL48)
- MOF Opening
- FTA Cutblock
- Wildlife Tree Retention
- Old Growth Management Area (OGMA)
- Surveyed Crown Land
- Surveyed Private Land
- Visual Sensitivity

Notes

- The proposed project is not within the Agricultural Land Reserve (ALR).
- UTM coordinates shown are NAD83 Zone 10 N.
- The proposed project is within the South East OGC Zone.
- Distances shown are in meters and decimals thereof.

McElhanney
 8808 72nd Street
 Fort St. John, BC, V1J 6M2
 Tel: 250-787-0356
 Job: 3111-22807
 ePASS #: 10053089



Prince Rupert Gas Transmission Project

PRINCE RUPERT GAS TRANSMISSION LTD.

SKETCH MAP SHOWING
PROPOSED TRANSITION ROAD
TRANSITION ROADS 30.0.2.0 & 30.0.2.2

Segment 1 FROM b-64-B, 93-O-16 TO a-93-B, 93-O-16

THROUGH UNSURVEYED CROWN LAND
 PEACE RIVER DISTRICT
 PEACE FOREST DISTRICT

Route Reference: IFC Route 9003
 Document No.: 30.0.2.0_OGC_20k

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