

February 7, 2019

Coastal GasLink Pipeline Ltd.
50-1st Street SW
Calgary, AB T2P 5H1

Attention: Coastal GasLink Pipeline Ltd

RE: Permit Replacement for Application Determination Number 100083942, OGC Legacy #9643763

Permit Holder: Coastal GasLink Pipeline Ltd
Permit Date of Issuance: February 23, 2016
Replacement Date of Issuance: February 7, 2019
Replacement Expiration Date: October 23, 2019
Application Determination No.: 100083942

GENERAL PERMISSIONS, AUTHORIZATIONS and CONDITIONS

1. The BC Oil and Gas Commission (the "Commission"), hereby replaces the permit and any associated authorizations to construct and operate an ancillary oil and gas activity.
2. This permit replacement is subject to the conditions of the original permit, authorizations, subsequent amendments, corrections, and any additional conditions as set out herein.
3. The permit has been replaced for eight months and will expire on October 23, 2019.

Petroleum and Natural Gas Act

4. 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 associated oil and gas activity authorized under this permit.

CONDITIONS

5. 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 Sustainability Act* or *Wildlife Act*, or any extension or renewal of the same.
6. The Permit holder must not assign or sublicense 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. 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.
8. The Permit Holder must ensure that the area is free of garbage, debris and unused equipment.

Permit Holder: Coastal GasLink Pipeline Ltd
Application Determination number: 100083942

Application Submission Date: February 1, 2019
Date Issued: February 7, 2019



Jacqueline Bourke
Authorized Signatory
Commission Delegated Decision Maker

pc: Land Agent – Roy Northern Land Service Ltd.
OGC, Compliance and enforcement

February 16, 2018

Coastal GasLink Pipeline Ltd.
50-1st Street SW
Calgary, AB T2P 5H1

Attention: Coastal GasLink Pipeline Ltd.

RE: Permit Replacement for Application Determination Number 100083942, OGC Legacy #9643763

Permit Holder: Coastal GasLink Pipeline Ltd.
Permit Date of Issuance: February 23, 2016
Replacement Date of Issuance: February 16, 2018
Replacement Expiration Date: February 23, 2019
Application Determination No.: 100083942

GENERAL PERMISSIONS, AUTHORIZATIONS and CONDITIONS

1. The BC Oil and Gas Commission (the "Commission"), hereby replaces the permit and any associated authorizations to construct and operate an ancillary oil and gas activity.
2. This permit replacement is subject to the conditions of the original permit, authorizations, subsequent amendments and any additional conditions as set out herein.
3. The permit has been replaced for one year and will expire on February 23, 2019.



Tarilee Rauscher
Authorized Signatory
Commission Delegated Decision Maker

pc: Land Agent – Roy Northern Land Service Ltd.
OGC, Compliance & Enforcement



February 23, 2016

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

Attention: Surface land Administrator

Re: Storage Site Permit located at Unit 90, Block G, 93-J-10

Date of Issuance: February 23, 2016
Commission No.: 9643763

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, Document No: CGE4703-MSI-G-MP-384, Revision No: 0, dated November 17, 2015 completed by Midwest Surveys Land Surveying Ltd. as submitted to the Commission in the permit application dated December 18, 2015 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 1.26 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. An Archaeological Impact Assessment (AIA) is required for the proposed development area prior to any development activities taking place.

An AIA report must be submitted to the Commission as soon as practicable.

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 Archaeology Branch of the Ministry of Forests, Lands and Natural Resource Operations.

RELATED AUTHORIZATIONS ASSOCIATED WITH THE PERMIT

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

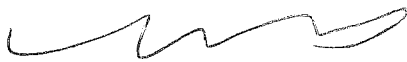
1. The Commission hereby issues the permit holder Cutting Permit No. 21 under Master Licence to Cut number M02341, subject to the following conditions:
 - a. This Cutting Permit is subject to the terms and conditions in the Master Licence to Cut.
 - b. This Cutting Permit applies to only the Crown land portion shown on survey plan associated with this permit (survey plan number, Document No: CGE4703-MSI-G-MP-384, Revision No: 0, dated November 17, 2015 completed by Midwest Surveys Land Surveying Ltd.).
 - c. All harvested Crown timber must be marked with Timber Mark Number MTB 724.
 - 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

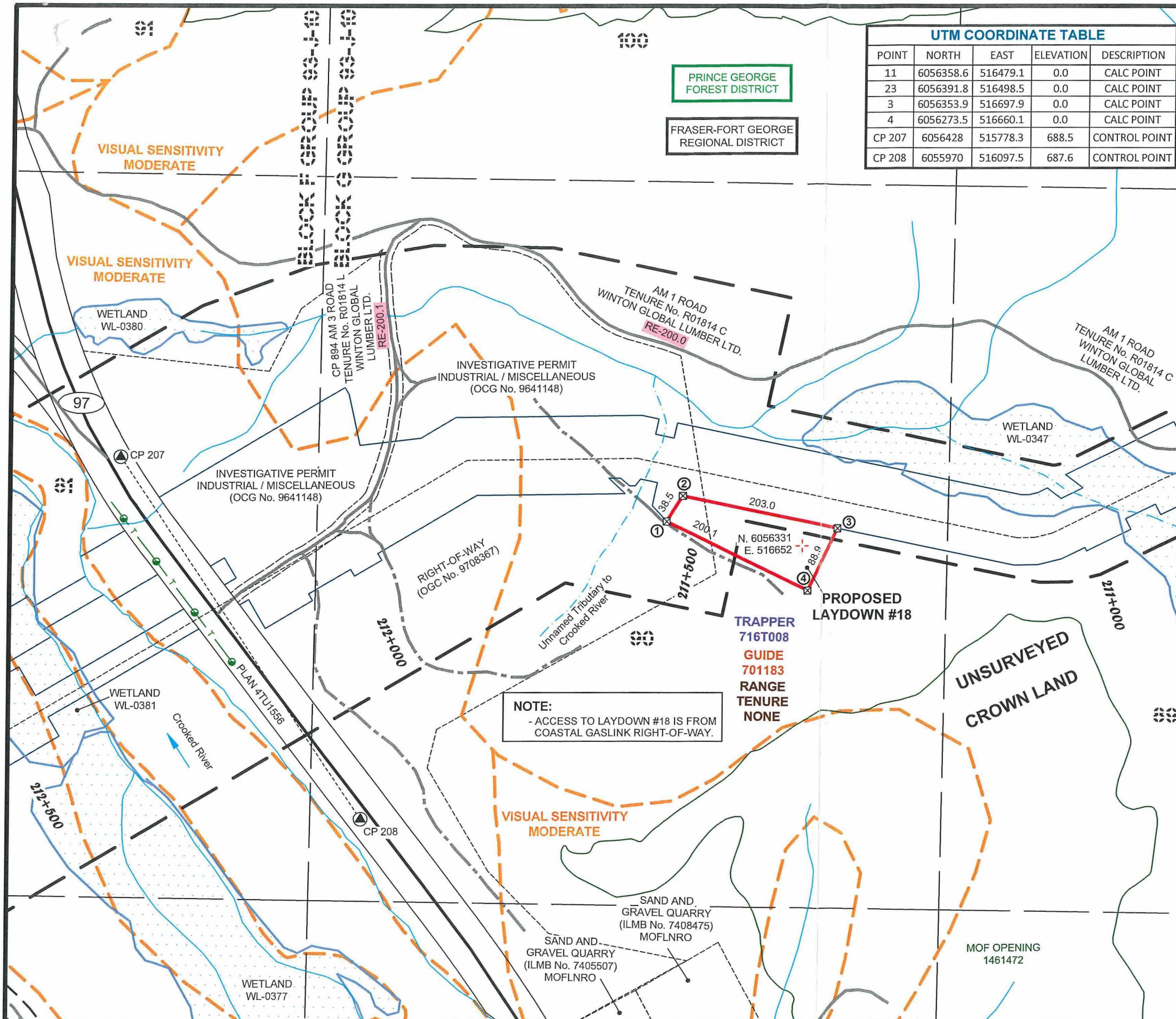
1. Appropriate tenure will be issued upon acceptance of the post-construction plan. Submission of the original application and submission of the post-construction plan is considered an application for all subsequent applicable Land Act tenures. Upon the Commission's acceptance of the post-construction plan no further applications for replacement tenure are required.

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



Maureen Plews
Natural Resource Officer

pc. Roy Northern Land Service Ltd.
OGC File: 9643763
MoFLNRO: Prince George
OGC First Nations: DRFN, MLIB, WMFN
WorkSafeBC



UTM COORDINATE TABLE

| POINT | NORTH | EAST | ELEVATION | DESCRIPTION |
|--------|-----------|----------|-----------|---------------|
| 11 | 6056358.6 | 516479.1 | 0.0 | CALC POINT |
| 23 | 6056391.8 | 516498.5 | 0.0 | CALC POINT |
| 3 | 6056353.9 | 516697.9 | 0.0 | CALC POINT |
| 4 | 6056273.5 | 516660.1 | 0.0 | CALC POINT |
| CP 207 | 6056428 | 515778.3 | 688.5 | CONTROL POINT |
| CP 208 | 6055970 | 516097.5 | 687.6 | CONTROL POINT |

LEGEND:

- Proposed Ancillary Site
- Location Boundary
- Coastal GasLink Route
- Coastal GasLink Preliminary
- Construction Footprint
- Coastal GasLink Construction Corridor
- Calculated Point
- Control Monument
- Tenured Road
- Non-Status Road
- Watercourse
- Wetland
- PNG Grid Boundary
- Crown Tenure
- Visual Sensitivity Area
- Phone Line

NOTES:

- The proposed project does not impact OGC Area Based Analysis (ABA) areas.
- The proposed project is not within the Agricultural Land Reserve (ALR).
- Project to be flagged at time of construction.
- UTM Coordinates shown are NAD83 Zone 10 N.
- The proposed project is within the South West OGC Zone.
- Distances shown are in meters and decimals thereof.

MIDWEST SURVEYS LAND SURVEYING LTD.
 11003 Alaska Road
 Fort St. John, BC
 V1J 6P3
 Tel: 250-785-3902
 IB-0015-12

EPASS: 10054519 BCGS: 93J.067

| REVISION | DESCRIPTION |
|----------|-----------------------------------|
| 0 | Issued for Use, November 17, 2015 |

SCALE 1:5,000 100 80 60 40 20 0 100 200 METERS

TABLE OF AREAS REQUIRED

| PROPOSED FEATURE | EXISTING CLEARING | NEW CUT | TOTAL |
|--------------------------------------|-------------------|----------------|----------------|
| TOTAL AREA WITHIN CROWN LANDS | | | |
| Laydown Site #18 | 0.00 ha | 1.26 ha | 1.26 ha |
| TOTAL | 0.00 ha | 1.26 ha | 1.26 ha |

| | |
|-------------------------------|---------|
| Caribou Range: | None |
| Coal Licence: | None |
| Community Forest: | None |
| Guide / Outfitter: | 701183 |
| Mineral Reserve: | 330210 |
| Mineral Interest: | None |
| Range Tenure: | None |
| Trapper: | 716T008 |
| Tree Farm Licence: | None |
| Ungulate Winter Ranges: | None |
| Wildlife Habitat Area: | None |
| Wildlife Tree Retention Area: | None |
| Wood Lot: | None |

NOTE: Water Course Crossing Information and New Cut / Existing Cut Information provided to Survey by Coastal GasLink Pipeline Ltd. for the Coastal GasLink Pipeline Project.

Coastal GasLink Pipeline Project **TransCanada**
In business to deliver

COASTAL GASLINK PIPELINE LTD.
 PLAN SHOWING
PROPOSED LAYDOWN #18
 WITHIN
UNIT 90, BLOCK G, GROUP 93-J-10
 WITHIN UNSURVEYED CROWN LAND
 CARIBOO DISTRICT

| | |
|-----------------------------------|-------------------|
| Route Reference: CGP_Route_RevF | November 17, 2015 |
| Document No. CGE4703-MSI-G-MP-384 | Rev 0 |