

April 24, 2019

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

Attention: Coastal GasLink Pipeline Ltd.

RE: Permit Replacement for Application Determination Number 100084215, OGC Legacy 9643765

Permit Holder: Coastal GasLink Pipeline Ltd.
Permit Date of Issuance: April 26, 2016
Replacement Effective Date: April 24, 2019
Replacement Expiration Date: October 23, 2019
Application Determination No.: 100084215
Ancillary Description: Storage Area

PERMISSIONS

Oil and Gas Activities Act

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 original permit, authorizations, subsequent amendments and any additional conditions as set out herein .
3. The permit has been replaced for five 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 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 Replacement 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: 100084215

Application Submission Date: April 22, 2019
Date Issued: April 24, 2019

This Replacement forms an integral part of the permit and should be attached thereto.



Jacqueline Bourke
Authorized Signatory
Commission Delegated Decision Maker

Copied to:

Land Agent – Roy Northern Land Service Ltd.
OGC - Compliance and Enforcement



April 20, 2018

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

Attention: Coastal GasLink Pipeline Ltd.

RE: Permit Replacement for Application Determination Number 100084215, OGC Legacy # 9643765

Permit Holder: Coastal GasLink Pipeline Ltd.
Permit Date of Issuance: April 26, 2016
Replacement Date of Issuance: April 20, 2018
Replacement Expiration Date: April 26, 2019
Application Determination No.: 100084215

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 one year and will expire on April 26, 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: 100084215

Permit Extension Submission Date: April 11, 2018

Date Issued: April 20, 2018



Jacqueline Bourke
Authorized Signatory
Commission Delegated Decision Maker

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



April 26, 2016

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

Attention: Katherine Sheriff

RE: Storage Permit located at Unit 72, Block C, Group 93-P-5

Date of Issuance: April 26, 2016
Commission No.: 9643765

PERMISSIONS

Petroleum and Natural Gas Act

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 plan, Document No: CGE4703-MSI-G-MP-378, Revision No: 0, dated November 17, 2015 (the "construction plan"), by Midwest Surveys Land Surveying Ltd. as submitted to the Commission in the permit application dated December 18, 2015 (hereinafter referenced together as the "operating area"), 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* subject to the conditions set out below.
 - (1) 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.
 - (2) The permission to occupy and use Crown land does not entitle the permit holder to exclusive possession of the site.
 - (3) The total disturbance within the site must not exceed 1.54 ha.

AUTHORIZATIONS

Forest Act

2. Pursuant to section 47.4 of the *Forest Act*, the permit holder is authorized to remove Crown timber from the operating area under Cutting Permit No. 24 under Master Licence to Cut number M02340.
3. This Cutting Permit is deemed spent upon the submission of the Post-Construction Plan.

CONDITIONS

Notification:

1. 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.

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 an ePASS shape file and PDF plan accurately identifying the location of the total area actually disturbed under this permit. The shape file and plan must be submitted to postconstructionplan@bcogc.ca.
3. The permit holder must notify the Saulneau First Nations Lands Department office two (2) working days prior to commencement. Notification will be sent to Fernie Garbitt at fgarbitt@saulneau.com.

General:

4. 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.
5. The permit holder must not assign or sublicense this permit or permit any person to use or occupy Crown land, other than its employees, contractors, or representatives, without the Commission's written consent.
6. The permit holder must ensure that any Crown land within the operating 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 any Crown land within the operating area is free of garbage, debris and unused equipment.

Environmental:

8. Following completion of the construction activities authorized under this authorization the permit holder must, as soon as practicable,
 - (1) decompact any soils compacted by the activity;
 - (2) 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
 - (3) re-vegetate any exposed soil on the operating area using seed or vegetative propagules of an ecologically suitable species that
 - (a) promote the restoration of the wildlife habitat that existed on the area before the oil and gas activity was begun, and
 - (b) stabilize the soil if it is highly susceptible to erosion.
9. Following completion of the activities permitted 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.

Clearing:

10. All harvested Crown timber must be marked with Timber Mark Number MTB 722.
11. Cutting Permit No. 24 does not grant the Permit Holder the exclusive right to harvest Crown timber from the site. 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.
12. Stumpage for Cutting Permit No. 24 will be calculated in accordance with the Interior Appraisal 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).
13. The Interior merchantability specifications and Monetary Waste Billing requirements in the *Provincial Logging Residue and Waste Measurement Procedures Manual* that are in effect upon issuance of this authorization

apply to any waste assessments required under Master License to Cut M02340.

14. The holder of Cutting Permit No. 24 must pay to the government, stumpage and any waste billing determined in accordance with the terms of this permit.
15. The permit holder is authorized to fell any trees located on Crown land within 1.5 tree lengths of the operating 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 operating area without causing damage to standing timber may be harvested.

Archaeology:

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

Archaeology site GhRk-6 must be avoided by construction crews.


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.

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. Unless a condition or its context suggests otherwise, terms used in this authorization have the same meaning as the Environmental Protection and Management Regulation under the *Oil and Gas Activities Act*.

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



Maureen Plews
Natural Resource Officer

Commission No.: 9643765

Date: April 26, 2017

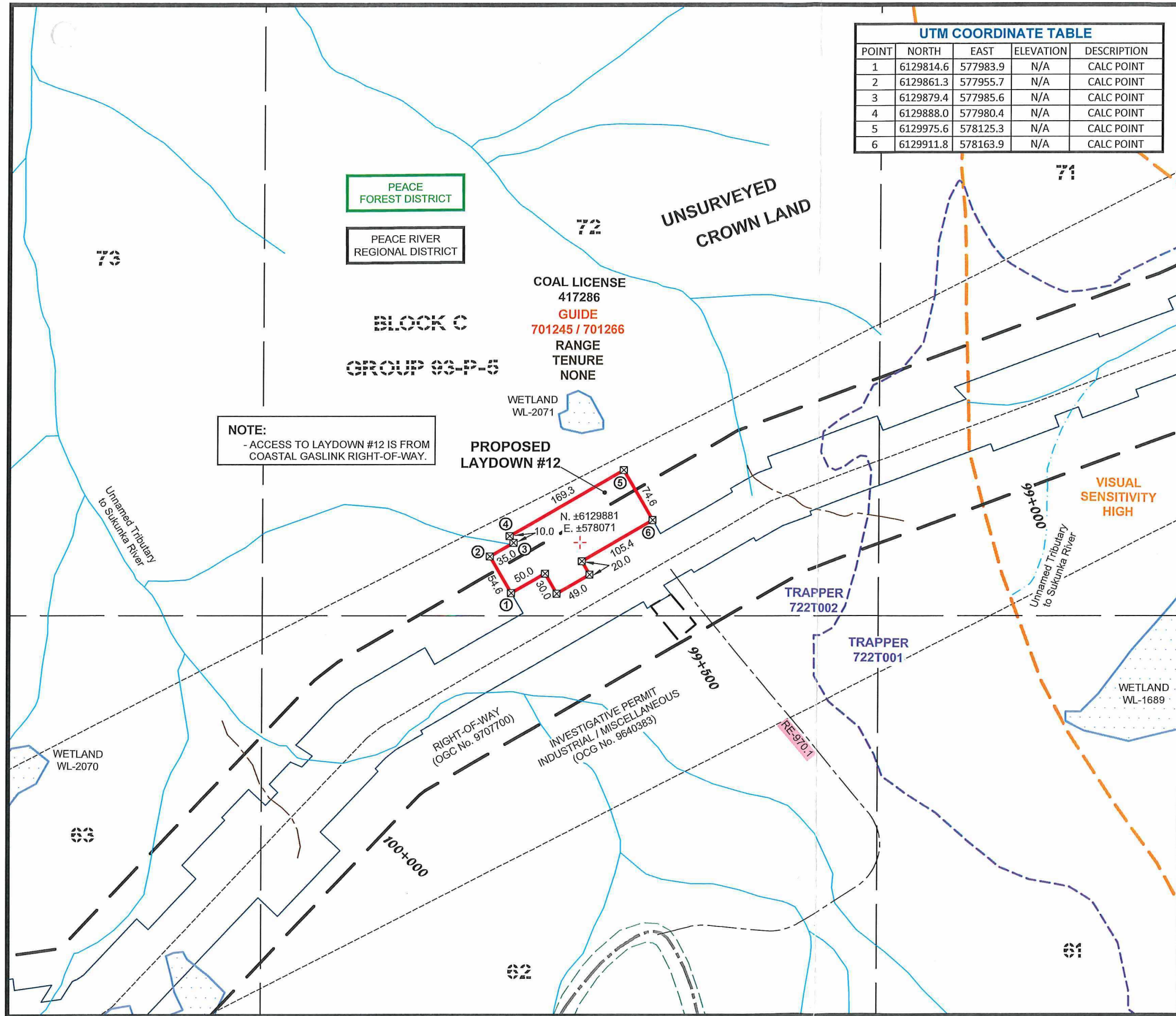
pc: Roy Northern Land Service Ltd.

Commission No.: 9643765

Worksafe BC

MoFLNRO: Peace

OGC First Nations: MLIB, SFN, WMFN



UTM COORDINATE TABLE				
POINT	NORTH	EAST	ELEVATION	DESCRIPTION
1	6129814.6	577983.9	N/A	CALC POINT
2	6129861.3	577955.7	N/A	CALC POINT
3	6129879.4	577985.6	N/A	CALC POINT
4	6129888.0	577980.4	N/A	CALC POINT
5	6129975.6	578125.3	N/A	CALC POINT
6	6129911.8	578163.9	N/A	CALC POINT

LEGEND:

Proposed Ancillary Site

Location Boundary

Coastal GasLink

Route

Coastal GasLink Preliminary

Construction Footprint

Coastal GasLink

Construction Corridor

Calculated Point

Watercourse

Tenured Road

Non-Status Road

Wetland

PNG Grid Boundary

Trapper Boundary

Visual Sensitivity Area

Existing Well Site and Access

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 East 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: 10054513

BCGS: 93P.032

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 #12	0.00 ha	1.54 ha	1.54 ha
TOTAL	0.00 ha	1.54 ha	1.54 ha

Caribou Range: None
Coal Licence: 417286
Community Forest: None
Guide / Outfitter: 701245 / 701266
Mineral Reserve: 328778
Mineral Interest: None
Range Tenure: None
Trapper: 722T002
Tree Farm Licence: TFL48
Ungulate Winter Ranges: None
Wildlife Habitat Area: None
Wildlife Tree Retention Area: No
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 #12
WITHIN
UNIT 72, BLOCK C, GROUP 93-P-5

WITHIN UNSURVEYED CROWN LAND
PEACE RIVER DISTRICT

Route Reference: CGP_Route_RevF

November 17, 2015

Document No. CGE4703-MSI-G-MP-378

Rev 0