



Commission File No: 9640393

September 14, 2014

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

Attention: Surface Land Administrator

Re: Investigative Permit- Section 14 over Crown Land, Range 5 Coast District
within Unit 100, Block D, Group 93-K-2.

Date of Issuance: September 14, 2014

Commission File No: 9640393

Applicant File No: 130473(Highway 16 and CN Rail Crossing)

PERMISSIONS

The Oil and Gas Commission ("Commission") hereby authorizes the holder of permit number 9640393, under section 14 of the Land Act, to allow Coastal GasLink Pipeline Ltd. (the "permit holder") to occupy Crown land within the areas described as borehole pad in the attached sketch plan Document No: CGW4703-MCSL-G-MP-286-Geotech Highway 16 Sktech-Rev0, Revision 0, dated May 7, 2104 as submitted to the Commission in the permit application dated June 19, 2014 (hereinafter referenced together as the "Site"), to conduct appraisals, inspections, analyses, inventories, surveys or other investigations under Authorization Number 944701, subject to conditions set out below.

CONDITIONS

1. The permit holder may use and occupy the Site only for the purposes of investigating the site for potential oil and gas activities and related activities as defined in the Oil and Gas Activities Act.
2. The total disturbance within the investigative area must not exceed 0.01 ha.
3. The permit holder will indemnify the Province of British Columbia (the Province) and the Commission against all losses, damages, costs and liabilities arising out of any breach or non-performance of any condition or agreement set out in this Permit and any personal injury, death or property damage occurring within the Site, or happening by virtue of its occupation of the Site, and the amount of such losses, damages and costs shall be payable to the Province or the Commission immediately.
4. The permit holder will immediately effect, and keep in force while this Permit is in effect, 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 or public liability claims arising from any accident or occurrence on the Site.

5. The permit holder will restore the site to the satisfaction of the Commission following expiration or cancellation of this Permit.
6. The authorization to occupy and use Crown land does not entitle the permit holder to exclusive possession of the Site. The permit holder will not interfere with any person found on the Site who has a public right of access over the Site or is using the Site pursuant to a prior or subsequent Land Act disposition.
7. The rights granted by this permit are subject to all subsisting grants to or rights of any person made or acquired under the Coal Act, Forest Act, Mineral Tenure Act, Petroleum and Natural Gas Act, Range Act, Water Act or Wildlife Act, or any extension or renewal of the same, any prior dispositions made under the Land Act, and the exceptions and reservations of rights and interests under Section 50 of the Land Act.
8. The permit holder will acknowledge and agree that any interference with rights granted under this permit by virtue of the exercise or operation of the rights or interests set out in the Sections (6) or (7) above shall not constitute a breach of the Province's or the Commission's obligations under this permit and the permit holder will release and discharge the Province and/or the Commission from any claim for loss or damage arising directly or indirectly out of any such interference. The permit holder will also agree to pay all costs and expenses that arise out of the permit holder's interference with the rights or interests set out in Sections (6) or (7) and that the permit holder will not commence or maintain proceedings under Section 65 of the Land Act with respect to interference with the permit holder's rights arising out of exercise or operation of the rights set out in Sections (6) or (7).
9. The permit holder must pay to the Province, when due, the Fees to the address and in accordance with the instructions set out in the attached covering letter.
10. The permit holder must not assign or sub-tenure this Permit. The permit holder must not transfer this permit without the Commission's written consent, which consent may be granted or withheld at the Commission's sole discretion.
11. This permit expires two years from the date of issuance.
12. The permit holder must notify the Commission 48 hours prior to commencing construction. Notification may be sent to C&E@bcogc.ca.
13. An Archaeological Impact Assessment (AIA) is required for the proposed development area prior to any development activities taking place.

If an archaeological site is recorded as a result of this assessment, a report must be submitted immediately to the Archaeology Branch of the Ministry of Forests, Lands and Natural Resource Operations (Archaeology Branch) and the Commission and all mitigation measures must be approved by the Archaeology Branch prior to the start of construction.

If no archaeological site is recorded during this assessment, an AIA report is still required and must be submitted to the Archaeology Branch and the Commission as soon as possible as per the Archaeology Process Guidelines.

If artifacts, 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 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 Archaeology Branch and Commission; and

- 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, endorsed by a qualified archaeologist, and approved by the Archaeology Branch.
14. Within 60 days of the completion of the clearing phase of the activity authorized, 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.
 15. 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.

CUTTING PERMIT AUTHORIZATION

Pursuant to section 47.4 of the Forest Act, the Commission hereby issues Cutting Permit No. 4, under Master License to Cut number M02342, Vanderhoof Forest District, to cut and remove timber from the areas of Crown land within the area within the Site subject to the following conditions:

1. This Cutting Permit expires 2 years from the date of issuance of the Investigative Permit or the revised date should this permit be extended.
2. This Cutting Permit is subject to the terms and conditions in the Master Licence to Cut.
3. All harvested Crown timber must be marked with Timber Mark Number MTA 806.
4. The felling, bucking and utilization specifications in the Master License to Cut apply to this Cutting Permit.
5. Stumpage under this cutting permit is required to be paid to the Crown and will be determined with the Ministry of Forests Interior Appraisal Manual.
6. 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.
7. 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."
8. The utilization of merchantable timber is not mandatory for this permit.
9. Prior to harvesting, any clearing authorized by this Cutting Permit must be clearly defined on the ground by ribboning or blazing.
10. This permit authorizes a maximum total new cut area of 0.01 ha within the investigative area.

ADDITIONAL CONDITIONS

1. The permit holder must notify the Stellat'en First Nation prior to commencement of activities.
2. The permit holder must notify the Nadleh Whut'en First Nation prior to commencement of activities.
3. No borehole pad is to be located within the Riparian Management Area of any watercourse, wetland or lake.

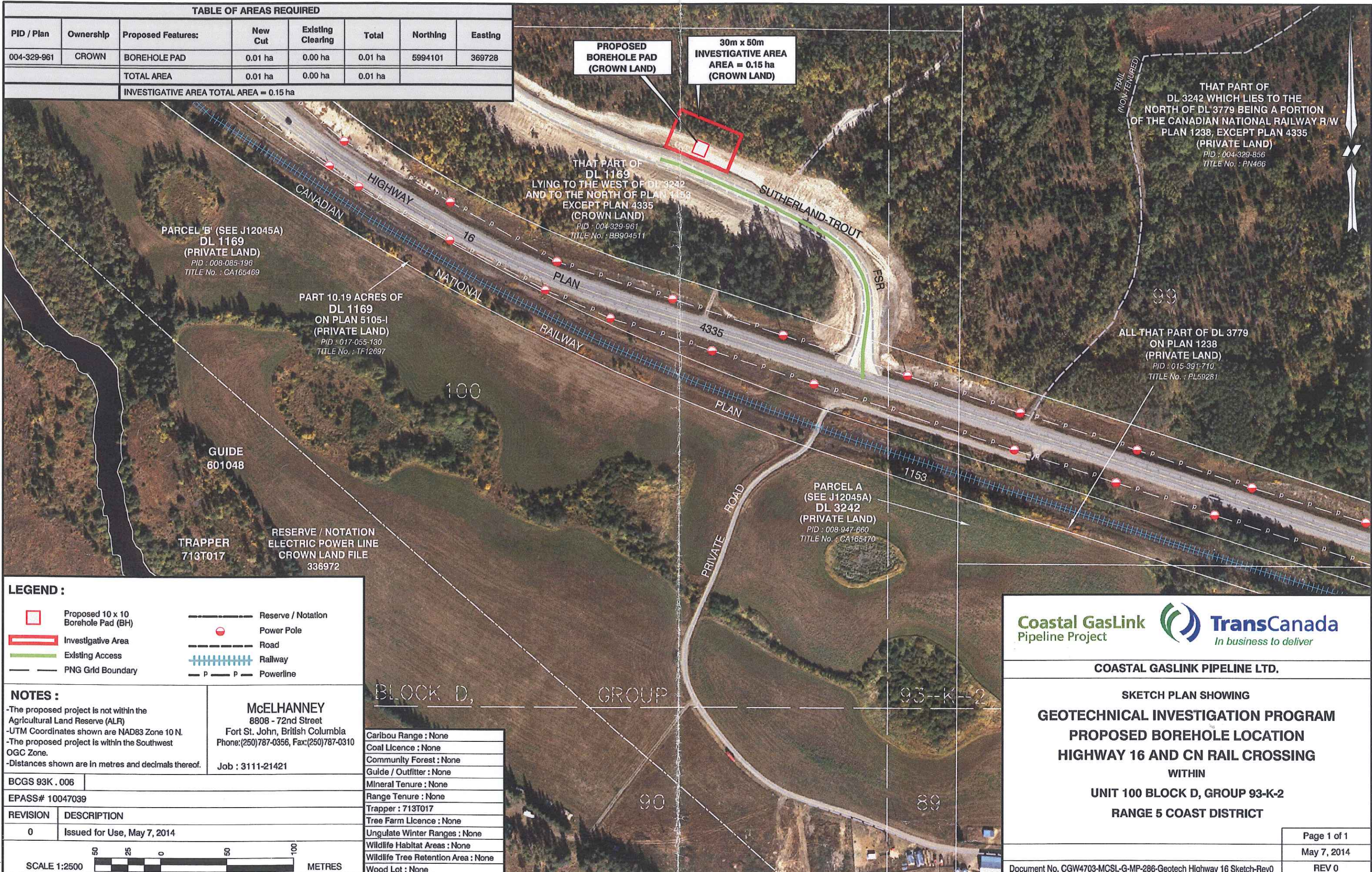
The attached plan(s) form an integral part of this authorization.



Justin Anderson
Natural Resource Officer

pc: Stellat'en First Nation
pc: Nadleh Whut'en First Nation
pc: Roy Northern Land and Environmental

TABLE OF AREAS REQUIRED							
PID / Plan	Ownership	Proposed Features:	New Cut	Existing Clearing	Total	Northing	Easting
004-329-961	CROWN	BOREHOLE PAD	0.01 ha	0.00 ha	0.01 ha	5994101	369728
TOTAL AREA			0.01 ha	0.00 ha	0.01 ha		
INVESTIGATIVE AREA TOTAL AREA = 0.15 ha							



PARCEL 'B' (SEE J12045A)
DL 1169
(PRIVATE LAND)
PID : 008-085-196
TITLE No. : CA165469

PART 10.19 ACRES OF
DL 1169
ON PLAN 5105-1
(PRIVATE LAND)
PID : 017-055-130
TITLE No. : TF12697

GUIDE
601048

TRAPPER
713T017

RESERVE / NOTATION
ELECTRIC POWER LINE
CROWN LAND FILE
336972

THAT PART OF
DL 1169
LYING TO THE WEST OF DL 3242
AND TO THE NORTH OF PLAN 4335
EXCEPT PLAN 4335
(CROWN LAND)
PID : 004-329-961
TITLE No. : BB904511

30m x 50m
INVESTIGATIVE AREA
AREA = 0.15 ha
(CROWN LAND)

THAT PART OF
DL 3242 WHICH LIES TO THE
NORTH OF DL 3779 BEING A PORTION
OF THE CANADIAN NATIONAL RAILWAY R/W
PLAN 1238, EXCEPT PLAN 4335
(PRIVATE LAND)
PID : 004-329-856
TITLE No. : PN466

PARCEL A
(SEE J12045A)
DL 3242
(PRIVATE LAND)
PID : 008-947-660
TITLE No. : CA165470

ALL THAT PART OF DL 3779
ON PLAN 1238
(PRIVATE LAND)
PID : 015-391-710
TITLE No. : PL59281

LEGEND :

	Proposed 10 x 10 Borehole Pad (BH)		Reserve / Notation
	Investigative Area		Power Pole
	Existing Access		Road
	PNG Grid Boundary		Railway
			Powerline

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 Southwest OGC Zone.
-Distances shown are in metres and decimals thereof.

McELHANNEY
8808 - 72nd Street
Fort St. John, British Columbia
Phone:(250)787-0356, Fax:(250)787-0310
Job : 3111-21421

Caribou Range : None
Coal Licence : None
Community Forest : None
Guide / Outfitter : None
Mineral Tenure : None
Range Tenure : None
Trapper : 713T017
Tree Farm Licence : None
Ungulate Winter Ranges : None
Wildlife Habitat Areas : None
Wildlife Tree Retention Area : None
Wood Lot : None

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

COASTAL GASLINK PIPELINE LTD.

SKETCH PLAN SHOWING
**GEOTECHNICAL INVESTIGATION PROGRAM
PROPOSED BOREHOLE LOCATION
HIGHWAY 16 AND CN RAIL CROSSING**
WITHIN
**UNIT 100 BLOCK D, GROUP 93-K-2
RANGE 5 COAST DISTRICT**

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May 7, 2014
REV 0

Document No. CGW4703-MCSL-G-MP-286-Geotech Highway 16 Sketch-Rev0



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