



January 07, 2016

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

Attention: Surface land Administrator

Re: Geotechnical Investigation located Within Units 6,7,8,16,17 & 18, Block E, Group 93-K-3

Date of Issuance: January 7, 2016  
Commission No.: 9641044

#### AUTHORIZATIONS

1. Pursuant to section 39 of the *Land Act*, the permit holder is authorized to enter, occupy, and use any unoccupied Crown land located within the areas described in the attached construction plan, JOB: 3111-21423, REVISION 1, dated October 21, 2014, by McElhanney Geomatics Professional Land Surveying Ltd. as submitted to the Commission in the permit application dated September 30, 2014 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 11.613 ha.
2. A licence authorized under section 39 of the *Land Act* for the Crown land portion of this site is attached. The permit holder is subject to the conditions contained in the licence.
3. The authorization to occupy and use Crown land does not entitle the permit holder to exclusive possession of the site.
4. 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.
5. 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.
6. 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](mailto:OGC.ExternalNotifications@bcogc.ca).
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, de-compact 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 AIA report must be submitted to the Commission and Nee Tahi Buhn Indian Band 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.
13. No test pit, borehole pad or temporary trail is to be located within the Riparian Management Area of any watercourse, wetland or lake.
14. No work is authorized within any wildlife tree retention area.
15. The permit holder must notify Cheslatta Carrier Nation a minimum of two (2) working days prior to commencement of activities.
16. The permit holder must notify Skin Tyee Nation a minimum of two (2) working days prior to commencement of activities.
17. The permit holder must notify Stellat'en First Nation a minimum of two (2) working days prior to commencement of activities.
18. The permit holder must notify Nee Tahi Buhn Indian Band a minimum of two (2) working days prior to commencement of activities.
19. The permit holder must notify Yekooche First Nation a minimum of two (2) working days prior to commencement of activities.
20. The permit holder must notify Burns Lake Indian Band a minimum of two (2) working days prior to commencement of activities.

#### 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 any 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) form an integral part of this authorization.



Justin Anderson  
Natural Resources Officer

pc. Roy Northern Land Service Ltd.  
OGC File: 9641044  
OGC First Nations  
WorkSafeBC



**LEGEND :**

	Proposed 30 x 30 Test Pit/ Borehole Pad		Reserve / Notation
	Investigative Area		Road
	Existing Access		Watercourse
	District Lot Boundary		Wildlife Tree Retention Area
	R/W Boundary		Cutblock/Opening Areas
	Coastal GasLink Proposed Route		PNG Grid Boundary
			RAN Range Tenure Boundary
			Wetlands

Caribou Range : None
Coal License : None
Community Forest : K1A B Schedule_B
Guide / Outfitter : 601012
Mineral Tenure : None
Range Tenure : RAN076039
Trapper : 604T024
Tree Farm License : None
Ungulate Winter Ranges : None
Wildlife Habitat Areas : None
Wildlife Tree Retention Area : Yes
Wood Lot : None

**NOTES :**

- 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 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 : 3111-21423

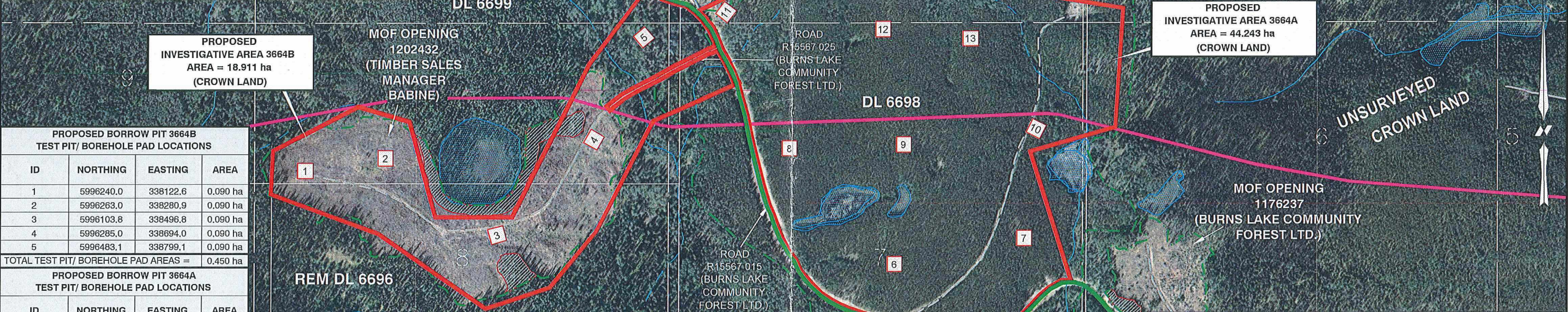
BCGS 93K . 003 Data sets sourced on this map are defined in the CGL Data Matrix

EPASS# 10048532

REVISION	DESCRIPTION
1	Issued for Use, October 21, 2014

SCALE 1:7500

*NOTE*	*NOTE*
<b>PROPOSED BORROW PIT 3664B</b>	<b>PROPOSED BORROW PIT 3664A</b>
Proposed 18.911 ha Investigative Area to contain approximately 5 Test Pits/ Borehole Pads and temporary trails.	Proposed 44.243 ha Investigative Area to contain approximately 8 Test Pits/ Borehole Pads and temporary trails.
New Cut areas required within Investigative Area :	New Cut areas required within Investigative Area :
Test Pits/ Borehole pads = 0.450 ha	Test Pits/ Borehole pads = 0.720 ha
Temp. Trails = 4.212 ha	Temp. Trails = 6.231 ha
Total = 4.662 ha	Total = 6.951 ha
A Post Construction Plan and As Cleared Plan will be issued to show final locations and clearing.	A Post Construction Plan and As Cleared Plan will be issued to show final locations and clearing.



**PROPOSED BORROW PIT 3664B TEST PIT/ BOREHOLE PAD LOCATIONS**

ID	NORTHING	EASTING	AREA
1	5996240.0	338122.6	0.090 ha
2	5996263.0	338280.9	0.090 ha
3	5996103.8	338496.8	0.090 ha
4	5996285.0	338694.0	0.090 ha
5	5996483.1	338799.1	0.090 ha

TOTAL TEST PIT/ BOREHOLE PAD AREAS = 0.450 ha

**PROPOSED BORROW PIT 3664A TEST PIT/ BOREHOLE PAD LOCATIONS**

ID	NORTHING	EASTING	AREA
6	5996019.0	339280.0	0.090 ha
7	5996061.0	339537.0	0.090 ha
8	5996255.0	339079.0	0.090 ha
9	5996254.0	339306.0	0.090 ha
10	5996275.4	339567.5	0.090 ha
11	5996527.0	338962.6	0.090 ha
12	5996483.0	339272.0	0.090 ha
13	5996458.7	339443.6	0.090 ha

TOTAL TEST PIT/ BOREHOLE PAD AREAS = 0.720 ha

**TABLE OF TOTAL AREAS REQUIRED WITHIN THE BURNS LAKE COMMUNITY FOREST - K1A B SCHEDULE\_B (CROWN LAND)**

Proposed Features:	New Cut	Existing Clearing	Total
TEST PIT/ BOREHOLE PADS (13)	1.170 ha	0.000 ha	1.170 ha
TEMP. TRAILS (WITHIN INVESTIGATIVE AREAS)	10.443 ha	0.000 ha	10.443 ha
TOTAL PROPOSED FOOTPRINT AREA	11.613 ha	0.000 ha	11.613 ha
<b>TOTAL CROWN LAND DISTURBANCE = 11.613 ha</b>			
INVESTIGATIVE AREAS TOTAL AREA = 63.154 ha			



COASTAL GASLINK PIPELINE LTD.

SKETCH PLAN

**GEOTECHNICAL INVESTIGATION PROGRAM**

**NADINA FOREST DISTRICT**

**BORROW PITS 3664A AND 3664B**

WITHIN

**UNITS 6, 7, 8, 16, 17 AND 18 BLOCK E, GROUP 93-K-3**

RANGE 5 COAST DISTRICT

Page 1 of 1

Route Reference: RevE1

October 21, 2014

Document No. CGW4703-MCSL-G-MP-403-Geotech\_Borrow\_Nadina\_Sketch\_3664-Rev1

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