



OGC File: 9638561

December 13, 2013

Westcoast Connector Gas Transmission Ltd.  
1100, 1055 West Georgia Street  
PO Box 11162  
Vancouver, BC, V6E 3R5

Attention: Surface Land Administrator

Re: Investigative Permit- Section 14 over Crown Land, Cassiar District  
within units 56, 57, 58, 66, 67, 68 Block L/ 103-P-6.

Date of Issuance: December 13, 2013  
Commission File No: 9638561  
Applicant File No: LNG Project

#### PERMISSIONS

The Oil and Gas Commission ("Commission") hereby authorizes the holder of permit number 9638561, under section 14 of the *Land Act*, to allow 0948090 B.C. Ltd. (the "permit holder") to occupy Crown land within the areas described as borehole, heli pad and 1m trail in the attached sketch plan Document No: 010038362SK104R0, Revision 0, dated June 28, 2013 as submitted to the Commission in the permit application dated July 25, 2013 (hereinafter referenced together as the "Site"), to conduct appraisals, inspections, analyses, inventories, surveys or other investigations under Authorization Number 941777, 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 Site must not exceed 0.20 Ha.
3. The permit holder will indemnify the Province of British Columbia (the Province) and the Oil and Gas 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 Oil and Gas 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 Oil and Gas 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 prior to commencing activities under this permit. Notification may be sent to [C&E@bcogc.ca](mailto:C&E@bcogc.ca).
13. An Archaeological Impact Assessment is required for the proposed development area prior to any development activities taking place.
14. If an archaeological site is recorded as a result of this assessment, a report must be submitted immediately to the Archaeology Branch of FLNRO and Commission and all mitigation measures must be approved by the Archaeology Branch prior to the start of construction.
15. 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 OGC as soon as possible as per the Archaeology Process Guidelines.

16. 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 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 the Heritage Conservation Act, endorsed by a qualified archaeologist, and approved by the Archaeology Branch.
17. 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.
18. 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. 1, under Master License to Cut number M02395, North Coast 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 088.
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 0.20 Ha within the Site.

## ADDITIONAL CONDITIONS

1. The permit holder is to notify Metlakatla First Nation prior to commencement of the project.
2. The permit holder is to notify Nisga'a Nation prior to commencement of the project.
3. New cut for geotechnical investigation is not permitted within the riparian reserve zone, as defined in the Environmental Protection and Management Regulation.
4. Where clearing is unavoidable, trees and brush should be restored in order to recreate original habitat as much as possible after the program is completed.
5. The permit holder must provide copies of completed archaeological reports to Metlakatla First Nation within a reasonable time following their completion.
6. Topsoil stripping, ditching and road bed construction are not permitted within the site.

## ADVISORY GUIDANCE

1. Metlakatla First Nation has requested that the Permit Holder provide the opportunity for a Metlakatla Environmental Monitor to be present during any Archaeological Impact Assessment and during any clearing activities
2. Follow restoration methods suggested by Parks Canada in the Ecological Restoration Principles and Guidelines (2007).

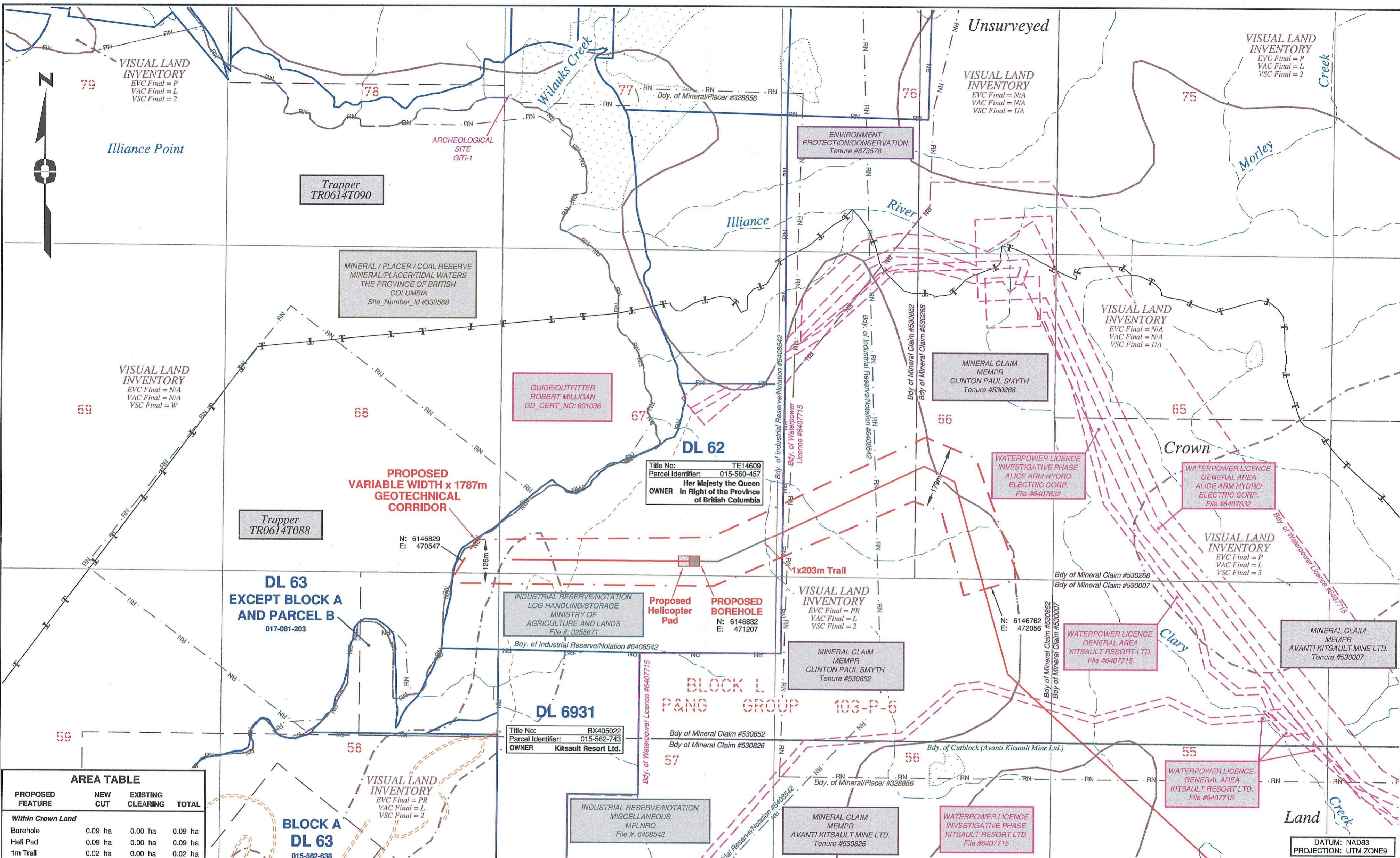
The attached plan(s) form an integral part of this authorization.



Justin Anderson  
Natural Resource Officer

pc: FLNRO – Skeena  
pc: Nisga'a Nation, Metlakatla First Nation  
pc: Ken Berry- kberry@spectraenergy.com  
pc: Wendy Halladay- WHalladay@spectraenergy.com





| AREA TABLE                               |                |                   |                |
|--|----------------|-------------------|----------------|
| PROPOSED FEATURE                         | NEW CUT        | EXISTING CLEARING | TOTAL          |
| <b>Within Crown Land</b>                 |                |                   |                |
| Borehole                                 | 0.09 ha        | 0.00 ha           | 0.09 ha        |
| Heli Pad                                 | 0.09 ha        | 0.00 ha           | 0.09 ha        |
| 1m Trail                                 | 0.02 ha        | 0.00 ha           | 0.02 ha        |
| <b>TOTAL AREAS</b>                       | <b>0.20 ha</b> | <b>0.00 ha</b>    | <b>0.20 ha</b> |
| Investigative Area Total Area = 25.40 ha |                |                   |                |

| LEGEND:                          |  |
|----------------------------------|--|
| Proposed Heli Pad:               |  |
| Proposed Borehole Pad:           |  |
| Proposed Geotechnical Corridor:  |  |
| Proposed Pipeline R/W Route:     |  |
| 1.0m Trail:                      |  |
| Mineral/Placer/Reserve/Notation: |  |
| Commercial Recreation Licence:   |  |
| Trapper Bdy:                     |  |
| Cutblock:                        |  |
| Drainage:                        |  |
| Existing roadway:                |  |
| Mineral Claim:                   |  |
| Visual Land Inventory:           |  |
| Wetland:                         |  |

|   |
|---|
| Caribou Range: 66                         |
| Coal: None                                |
| Community Forest: None                    |
| Guide/Outfitter: Robert Milligan (601036) |
| Mineral Reserve: Yes                      |
| Range Tenure: None                        |
| Trapper: TR0614T090/TR0614T088            |
| Tree Farm Licence: None                   |
| Ungulate Winter Ranges: None              |
| Wildlife Habitat Area: None               |
| Wildlife Tree Retention Area: None        |
| Woodlot: None                             |

**NOTE:**

- Borehole pads to be maximum 30m x 30m with possible danger tree removal if heliportable drill rig is used.
- Helipads associated with borehole pads will be maximum 30x30m clearing. Locations to be determined in field.
- 1m access to be hand-slashed for access to water source only.

**0948090 B.C. LTD.**

**SKETCH PLAN SHOWING PROPOSED VARIABLE WIDTH x 1787m GEOTECHNICAL CORRIDOR WITHIN UNITS 56, 57, 58, 66, 67, 68 BLOCK L 103-P-6**

Cassiar District

The intended plot size of this plan is 560mm in width by 432mm in height when plotted at a scale of 1: 7500 (use C size sheet)

B.C.G.S. 103P.043

| Rev | Revision Description   | Date(Y/M/D) | By    |
|-----|------------------------|-------------|-------|
| 0   | Original Plan Prepared | 2013/06/28  | FR/SP |

**FOCUS**  
FCS Land Services Limited Partnership  
10716 - 100th Avenue Fort St John BC  
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AFE: CLIENT: FOCUS: 010038362SK104R0 REV. 0  
ePASS: 10043436