

Commission File No: 9638555

January 16, 2015

Trans Mountain Pipeline ULC
2700, 300 - 5th Avenue SW
Calgary, Alberta
T2P 5J2

Attention: Surface Land Administrator

Re: Amendment to Investigative Permit– Section 14 over Crown Land, Kamloops District, Yale District, Within units 74 and 75, Block C, Group 82-M-14.

Date of Issuance: January 16, 2015
Commission File No.: 9638555
Applicant File No.: P2-010-NT6 (North Thompson 6)

The Oil and Gas Commission (Commission) hereby grants an amendment to the permit dated 2013/01/11, under Section 14 of the *Land Act* under Authorization 941743, to allow Trans Mountain Pipeline ULC (the "permit holder") to occupy Crown land within the area indicated on the attached sketch plan, MAP NUMBER: 201403_MAP_TERA_PER_00548_REV3_NT6, Revision 3, dated September 04, 2014, as submitted to the Commission on 2014/09/30, subject to the conditions set out below:

1. The permit is amended to increase the area of new disturbance by 0.19 ha to a total area of 0.96 ha.
2. The permit is amended to increase the area of new cut by 0.19 ha to a total area of 0.19 ha, under Master License to Cut No.:MO2363.
3. 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 of the Ministry of Forestry, Lands and Natural Resource Operations 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 of the Ministry of Forestry, Lands and Natural Resource Operations..
4. The Permit Holder must notify the Adams Lake Indian Band Land Use Office prior to project commencement.
5. The Permit Holder must notify the Neskonlith Indian Band Land Use Office prior to project commencement.

6. The Permit Holder must notify the Simpcw First Nations Lands Use Department prior to project commencement.

The permit holder must comply with all conditions in the original permit and subsequent amendments.

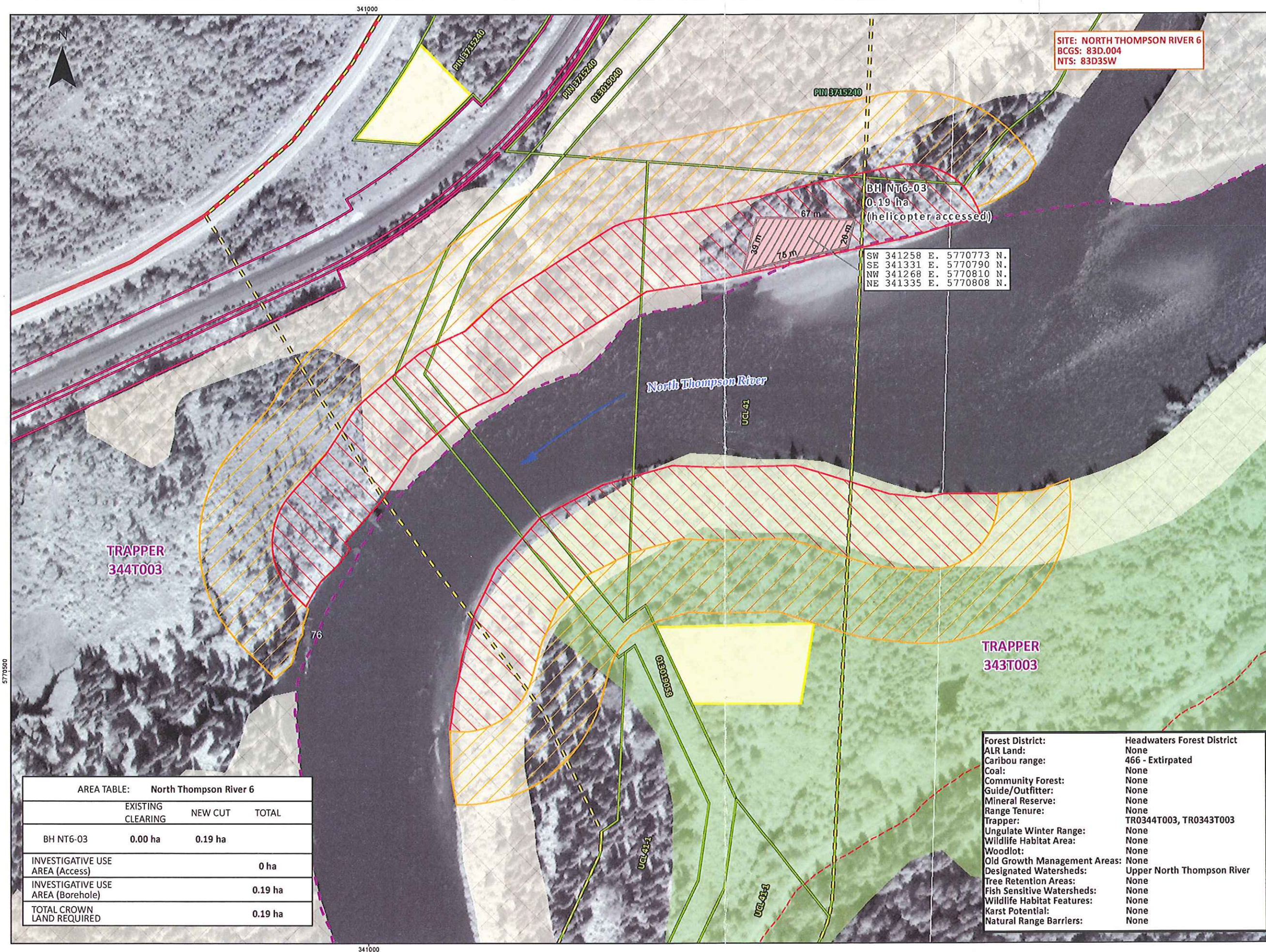
The permit holder shall comply with all applicable laws, including the *Fisheries Act (Canada)*, *Water Act*, *Environmental Management Act*, *Workers Compensation Act*, *Wildlife Act* and the *Forest Act*.

This amendment forms an integral part of your permit and should be attached hereto.

A handwritten signature in blue ink, appearing to read "MSchofield", is written over a faint circular stamp.

Madison Schofield
Natural Resource Officer

pc: Adams Lake Indian Band
pc: Neskonalith Indian Band
pc: Simpcw First Nation
pc: TERA, a CH2M Hill Company
pc: OGC File No.: 9638555



Applicant Company:
Trans Mountain Pipeline ULC.



**HDD INVESTIGATION
TRANS MOUNTAIN EXPANSION PROJECT**

**CONSTRUCTION PLAN SHOWING:
NORTH THOMPSON RIVER 6 (RK 620)
within: Unit 76 of Block C, Group 83-D-3
at approximately: 52° 3' 52" N 119° 18'
56" W**

Applicant File Number: P2-009-NT6
BCGS: 83D.004
NTS: 83D3SW

- | | |
|---|---|
|  | Proposed Borehole Pad Location |
|  | 2013 Geotechnical Investigative Use Area (OGC # 9638555) |
|  | Trans Mountain Expansion Project Proposed Pipeline Corridor |
|  | Highway |
|  | Paved Road |
|  | Resource Road |
|  | Riparian Management Zone |
|  | Riparian Reserve Zone |
|  | Private Land Parcel |
|  | Crown Land Parcel |
|  | Trapper Boundary |
|  | Cutblock |
|  | Old Growth Management Area (Legal) |

Rev.	Revision	Date	By
0	Original plan created	15-Apr-14	SES
1	Area Table Revision	20-May-14	SES
2	Area Table Revision	11-Jun-14	SES
3	Site Location Revision	4-Sep-14	SES

This document is provided by Kinder Morgan Canada Inc. (KMC) for use by the intended recipient only. This information is confidential and proprietary to KMC and is not to be provided to any other recipient without the written consent of KMC. It is not to be used for legal, engineering or surveying purposes, nor for doing any work on or around KMC's pipelines and facilities, all of which require KMC's prior written approval.

Projection: NAD 1983 UTM Zone 11N. Existing TMPL: Preliminary
Corridor: Provided by KMC, 2012; Transportation: BC FLNRO 2003
& Natural Resources Canada, 2012; Geopolitical Boundaries:
Natural Resources Canada, 2003; IHS Inc., 2011; Hydrology:
Geographic Base Branch, 2008; Parks and Protected Areas: BC
FLNRO, 2008; BC Trapslines: BC Ministry of Environment, 2007;
Agricultural Land Reserves: Agricultural Land Commission, 2013
PNG Grid: TERA Environmental Consultants, 2010; BCGS Grid: E
FLNRO 2003. OGMAS Cutblocks: BC FLNRO 2013.

Notes:
1. TERA Contact: Steven Bunney, Suite 1100, 815-8th Avenue SW.
Calgary, AB (403-265-2885)
2. Exact placement of work area within the investigative use area
to be determined in field.

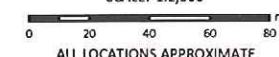


A CH2M HILL Company

Although there is no reason to believe that there are any errors associated with the data used to generate this product or in the product itself, users of these data are advised that errors in the data may be present.

MAP NUMBER 014103_MAP_TERA_PER_00548_REV3_NT6		PAGE SHEET 1 OF 1
DATE 04 Sep 2014	TERA REF. 492532	REVISION 3
SCALE 1:2,500	PAGE SIZE 11x17	DIS/OFFLINE PER
DRAWN SFS	CHECKED CS	DESIGN TGG

SCALE: 1:2.500



OGC File: 9638555

October 11, 2013

Trans Mountain Pipeline ULC
Ste. 2700, 300 5th Ave. SW
Calgary AB T2P 5J2

Attention: Surface Land Administrator

Re: Geotechnical Investigation Permit- Section 14 over Crown Land, Unit 76 of Block C, Group 83-D-3

Date of Issuance: October 11, 2013
Commission File No: 9638555
Applicant File No: 01-13283-NT6

PERMISSIONS

The Oil and Gas Commission ("Commission") hereby authorizes the holder of permit number 9638555, under section 14 of the *Land Act*, to allow Trans Mountain Pipeline ULC (the "permit holder") to occupy Crown land within the areas indicated on the attached sketch plan, BGC Engineering Inc. Project No. 0095150, Drawing Number 1 of 1, Revision 6, Dated August 21, 2013, (hereinafter referenced together as the "Site"), to conduct appraisals, inspections, analyses, inventories, surveys or other investigations under Authorization Number 941743, 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 0.77 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.
13. 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 of FLRNO and the 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.
14. If a Culturally Modified Tree, other than a Culturally Modified Tree that is considered an artifact, feature, material or thing protected under section 13(2) of the Heritage Conservation Act, is identified, the permit holder must:
 - a. immediately cease all work in the vicinity of the Culturally Modified Tree;

- b. immediately notify the Archaeology Branch and the Commission; and
 - c. refrain from resuming work in the vicinity of the Culturally Modified Tree except in accordance with an appropriate mitigation plan that has been approved by the Archaeology Branch.
15. An Archaeological Impact Assessment (AIA) must be completed prior to any clearing and construction activities taking place in that portion of the development area.
- If an archaeological site is recorded as a result of an AIA, the permit holder must immediately submit the AIA report to the Archaeology Branch and Commission, and must not conduct any clearing or construction work in the vicinity of the site except in accordance with an appropriate mitigation plan that has been approved by the Archaeology Branch.
- If no archaeological site is recorded during such AIA, the permit holder must submit the AIA report to the Archaeology Branch and Commission as soon as practicable, in accordance with the Commission's Archaeology Process Guidelines.
16. 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.
17. 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.
18. This permit does not authorize works on private land.
19. Topsoil stripping, ditching and road bed construction are not permitted within the site.
20. The permit hold must notify Simpcw First Nation and Adams Lake Indian Band prior to commencement of any clearing or geotechnical work conducted under this permit.
21. Should any archaeological material be identified in the course of development, Simpcw First Nation and Adams Lake Indian Band must be notified.

The attached plan forms an integral part of this authorization.



Lori Phillips
Review and Approval Resource Officer

pc: digital copy: margaret_mears@kindermorgan.com; twiegele@teraenv.com
pc: FLNRO – Kamloops
pc: Simpcw First Nation
pc: Adams Lake Indian Band

