

February 12, 2020

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

Attention: Trans Mountain Pipeline ULC

**RE: Determination of Application Number 100108587**

**Permit Holder:** Trans Mountain Pipeline ULC  
**Date of Issuance:** February 12, 2020  
**Effective Date:** February 12, 2020  
**Application Submission Date:** August 7, 2019  
**Application Determination Number:** 100108587  
**Approved Disturbance Footprint:** 0.0 ha

**ACTIVITIES APPROVED**

<b>Short Term Water Use No.:</b> 0005339	<b>Point of Diversion Nos:</b> 001, 002, 003, 004, 005, 006
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**GENERAL APPROVALS AND CONDITIONS**

**APPROVALS**

**Water Sustainability Act**

1. The Commission, pursuant to section 10 of the *Water Sustainability Act*, hereby approves the diversion, storage and use of Crown water from the point(s) of diversion detailed in the Short Term Water Use Details table below.

**CONDITIONS**

**Notification**

2. The permit holder must notify any First Nation(s) who may have Aboriginal Interests identified, as per the BC First Nations Consultative Areas Database, within the area in which the works are to occur at least five (5) working days prior to project commencement.

**Environmental**

3. Water withdrawal from POD # 001, POD # 002 and POD # 004 is not authorized from December 01 to March 31.
4. Water withdrawal from a stream classified as S2, S3, or S4 must not occur during periods when salmon spawning is occurring.

- The permit holder must maintain accurate records of all water withdrawal activities throughout the term approved. Water withdrawal records for each diversion point, including "0" values for months where no water was withdrawn, must be recorded monthly. Water withdrawal records must be submitted to the Commission on a quarterly basis via eSubmission and to Simpcw First Nation. Quarterly reports are due on or before April 25, July 25, October 25 and January 25.

**Clearing/Forest Act**

- The permit holder is permitted to fell any trees located on Crown land within 1.5 tree lengths of the activity area that are considered to be a safety hazard under applicable regulations and must be felled in order to eliminate the hazard. Trees or portions of these trees that can be accessed from the activity area without causing damage to standing timber may be harvested.

**ACTIVITY SPECIFIC DETAILS, PERMISSIONS AND CONDITIONS**

**SHORT TERM WATER USE**

**Short Term Water Use Number - 0005339**  
**Approval Period – From:** February 12, 2020 **To:** February 11, 2022

**ACTIVITY DETAILS**

<b>Point of Diversion No.:</b> 001	<b>Water Source Name:</b> Rockingham Creek
<b>Type:</b> Stream/River <b>Purpose:</b> Oil and Gas & Storage <b>Location (UTM): Zone 11 Northing</b> 5858039.433, <b>Easting</b> 397058.064 <b>Maximum Withdrawal Rate (l/s):</b> 14l/s <b>Daily Withdrawal Volume (m<sup>3</sup>/day):</b> 12 <b>Total Withdrawal Volume (m<sup>3</sup>):</b> 1250	
<b>Point of Diversion No.:</b> 002	<b>Water Source Name:</b> Ghita Creek
<b>Type:</b> Stream/River <b>Purpose:</b> Oil and Gas & Storage <b>Location (UTM): Zone 11 Northing</b> 5858006.614, <b>Easting</b> 389160.823 <b>Maximum Withdrawal Rate (l/s):</b> 14l/s <b>Daily Withdrawal Volume (m<sup>3</sup>/day):</b> 12 <b>Total Withdrawal Volume (m<sup>3</sup>):</b> 198	
<b>Point of Diversion No.:</b> 003	<b>Water Source Name:</b> Moose River
<b>Type:</b> Stream/River <b>Purpose:</b> Oil and Gas & Storage <b>Location (UTM): Zone 11 Northing</b> 5864903, <b>Easting</b> 378846 <b>Maximum Withdrawal Rate (l/s):</b> 14l/s <b>Daily Withdrawal Volume (m<sup>3</sup>/day):</b> 8376 <b>Total Withdrawal Volume (m<sup>3</sup>):</b> 8557	
<b>Point of Diversion No.:</b> 004	<b>Water Source Name:</b> Unnamed Creek
<b>Type:</b> Stream/River <b>Purpose:</b> Oil and Gas & Storage <b>Location (UTM): Zone 11 Northing</b> 5874856.987, <b>Easting</b> 362831.671 <b>Maximum Withdrawal Rate (l/s):</b> 14l/s <b>Daily Withdrawal Volume (m<sup>3</sup>/day):</b> 12 <b>Total Withdrawal Volume (m<sup>3</sup>):</b> 107	

<b>Point of Diversion No.:</b> 005	<b>Water Source Name:</b> Fraser River
<b>Type:</b> Stream/River <b>Purpose:</b> Oil and Gas & Storage <b>Location (UTM):</b> Zone 11 Northing 5877008.326, Easting 355138.56 <b>Maximum Withdrawal Rate (l/s):</b> 14l/s <b>Daily Withdrawal Volume (m<sup>3</sup>/day):</b> 12 <b>Total Withdrawal Volume (m<sup>3</sup>):</b> 218	
<b>Point of Diversion No.:</b> 006	<b>Water Source Name:</b> North Thompson River
<b>Type:</b> Stream/River <b>Purpose:</b> Oil and Gas & Storage <b>Location (UTM):</b> Zone 11 Northing 5649396, Easting 693289 <b>Maximum Withdrawal Rate (l/s):</b> 14l/s <b>Daily Withdrawal Volume (m<sup>3</sup>/day):</b> 12 <b>Total Withdrawal Volume (m<sup>3</sup>):</b> 425	

All approvals for this activity are subject to the following conditions:

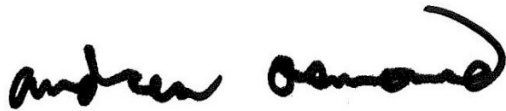
### Short Term Water Use Conditions

7. No instream works are permitted under this approval.
8. A copy of this approval must be available for inspection at the point of diversion and use location(s).
9. Water withdrawn under this approval must only be used for the purposes of carrying out the oil and gas activities or related activities.
10. Water must not be diverted or withdrawn from any beaver pond.
11. Water withdrawal must not occur where:
  - a. stream discharge is less than 55 L/s;
  - b. the diversion will cause the stream discharge to fall below 55 L/s;
  - c. stream (wetted) depth is less than 0.30 metres (12 inches) at the withdrawal location; or
  - d. the diversion will cause the stream (wetted) depth to fall below 0.30 metres (12 inches) at the withdrawal location.
12. On any lake, water withdrawal must cease if drawdown exceeds 0.10 metres relative to the high water level (HWL mark). In the event that drawdown exceeds 0.10 metres, withdrawals may resume only when water levels have risen above the 0.10 metres drawdown level.
13. End-of-pipe intakes must be screened with maximum mesh sizes in accordance with the Fisheries and Oceans Canada 'Freshwater Intake End-of-Pipe Fish Screen Guideline'.
14. The permit holder must maintain accurate records of all water withdrawal activities throughout the term approved. Water withdrawal records for each diversion point, including '0' values for months where no water was withdrawn, must be recorded monthly. Water withdrawal records must be submitted to the Commission on a quarterly basis via eSubmission. Quarterly reports are due on or before April 25, July 25, October 25 and January 25.
15. At any time, the Commission may suspend short term water use previously approved. Water use suspensions will remain in place until such time as the Commission notifies permit holders that water withdrawals may resume.

## **ADVISORY GUIDANCE**

1. Diversion Map - fig\_123512347\_rw\_s10\_01\_rhel\_ogc\_pod\_mapbook\_ZN.pdf is for the permit holder's internal reference only and was not reviewed as a decision tool for this permit, nor does it form an integral part of this permit.
2. Unless a condition or its context suggests otherwise, terms used in this approval have the same meaning as the Environmental Protection and Management Regulation under the Oil and Gas Activities Act.

All pages included in this permit and any attached documents form an integral part of this permit.



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Andrew Osmond  
Authorized Signatory  
Commission Delegated Decision Maker

Copied to:

First Nations – Lheidli T'enneh First Nation, Neskonlith Indian Band, Stk'emlupsemc te Secwepemc Nation (SSN), Little Shuswap Lake Indian Band, Simpcw First Nation (North Thompson), Tk'emlúps te Secwépemc (SSN)