



July 26, 2019

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

Attention: Trans Mountain Pipeline ULC

RE: Determination of Application Area Number 100102809

Permit Holder: Trans Mountain Pipeline ULC

Date of Issuance: July 26, 2019

Effective Date: July 26, 2019

Application Submitted Date: July 19, 2017

Application Determination Number: 100102809

Approved Disturbance Footprint: 0.0 ha

ACTIVITIES APPROVED

| | |
|--|---|
| Short Term Water Use No.: 0004811 | Point of Diversion No.'s: 001, 002 |
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GENERAL AUTHORIZATIONS and CONDITIONS

AUTHORIZATIONS

Water Sustainability Act

1. The Commission, pursuant to section 10 of the *Water Sustainability Act*, hereby authorizes the diversion, storage and use of Crown water from the point(s) of diversion, as detailed in the Short Term Water Use Activity Details table(s) below.
2. The authorizations granted under this permit are limited to the area identified in the spatial data submitted to the Commission in the permit application as identified and dated above; herein referred to as the 'activity area'.

CONDITIONS

Notification

3. At least 5 (five) working days prior to the commencement of construction, the Permit Holder must provide a notice of works to 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.

Clearing

4. 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 according to *Workers Compensation Act* 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 and CONDITIONS

SHORT TERM WATER USE

Short Term Water Use Number - 0004811
Approval Period – From: July 26, 2019, To: July 25, 2021

ACTIVITY DETAILS

| | |
|---|--|
| Point of Diversion No.: 001 | Water Source Name: Fraser River |
| Type: Stream/River Purpose: Pressure Testing and Flushing Location (UTM): Zone 10 Northing 5451547 Easting 513817 Daily Withdrawal Volume (m³/day): 500 Total Withdrawal Volume (m³): 9999 | |
| Point of Diversion No.: 002 | Water Source Name: Fraser River |
| Type: Stream/River Purpose: Pressure Testing and Flushing Location (UTM): Zone 10 Northing 5452368 Easting 513467 Daily Withdrawal Volume (m³/day): 8000 Total Withdrawal Volume (m³): 16000 | |

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

Short Term Water Use Conditions

5. No instream works are permitted under this authorization.
6. A copy of this authorization must be available for inspection at the point of diversion and use location(s).
7. Water withdrawn under this authorization must only be used for the purposes of carrying out oil and gas activities or related activities.
8. Water must not be diverted or withdrawn from any beaver pond.
9. Water, withdrawal from any lakes, ponds, streams or rivers 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.
10. 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.
11. 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".
12. 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.
13. At any time, the Commission may suspend short term water use previously authorized. 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_ogc_s10_001_Fraser_River_Water_Diversion_Map.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.



Justin Anderson
Authorized Signatory
Commission Delegated Decision Maker

Copied to:

First Nations – Cowichan Tribes (Hul'qumi'num People), Penelakut Tribe (Hul'qumi'num People), Stz'uminus First Nation (Hul'qumi'num People), Kwikwetlem First Nation, Musqueam Indian Band, Tsleil-Waututh Nation, Halalt First Nation (Hul'qumi'num People), Katzie First Nation, Kwantlen First Nation, Lake Cowichan First Nation (Hul'qumi'num People), Lyackson First Nation (Hul'qumi'num People), People Of The River Referrals Office (PRRO), Seabird Island First Nation, Semiahmoo First Nation, Tsawwassen First Nation