

VIA ELECTRONIC SUBMISSION

April 12, 2019

National Energy Board
Suite 210, 517 Tenth Avenue S.W.
Calgary, Alberta T2R 0A8

To: Ms. Sheri Young, Secretary

Dear Ms. Young:

**Re: Trans Mountain Pipeline ULC (“Trans Mountain”)
Trans Mountain Expansion Project (“Project”)
Condition 49: Technical Working Group (“TWG”) Report Update (April 2019)
NEB File: OF-Fac-Oil-T260-2013-03 02**

On August 30, 2018, the Federal Court of Appeal issued a Decision, the effect of which was to cancel the Order in Council which had approved a Certificate of Public Convenience and Necessity (CPCN) related to the Project.

On September 10, 2018 [[A93959](#)], Trans Mountain advised the Board of the status of Project construction activities and confirmed that in-field construction activities were being wound down in a safe, secure and environmentally appropriate manner. Trans Mountain provided additional information with respect to its plan for the safe shut down of the sheet pile construction at the Westridge Terminal [[A94055](#)] on September 17, 2018. A further update was provided to the Board on December 17, 2018 [[A96713](#)]. All safe shut down activities were completed on December 20, 2018.

Trans Mountain will continue to file periodic information with the Board, such as this submission, to ensure the Board’s record is current and complete. Trans Mountain is filing this letter in accordance with Condition 49 (Technical Working Group reports) of the previously issued CPCN. Enclosed is Trans Mountain’s compliance filing in fulfillment of Project Condition 49.

Phased Filings

On January 16, 2017, Trans Mountain filed a Phased Condition Matrix ([A411J9](#)) with the Board wherein it established 39 Project phases. The appended filing relates to the following phases:

- 1: Westridge Marine Terminal

- 22: Hinton to BC Border Reactivation
- 23: BC Border to Hargreaves Reactivation
- 24: Darfield to Black Pines Reactivation
- 26: Spread 1
- 27: Spread 2
- 28: Spread 3
- 29: Spread 4
- 30: Spread 5
- 31: Spread 5, C39 Coldwater Hydrological
- 32: Spread 5, C7 Ohamil
- 33: Spread 6
- 34: Spread 6, C7 Tzeachten
- 35: Spread 6, C77 Lightning Rock
- 36: Spread 7
- 37: Spread 7, C7 Surrey Bend
- 38: Westridge Delivery Lines
- 39: Burnaby Tunnel

Condition 49: Technical Working Group (TWG) reports

The text of Condition 49, as established by the Board, is as follows:

Trans Mountain must file with the NEB, **at least 4 months prior to commencing construction and every 6 months thereafter until after commencing operations**, a report describing the activities undertaken by the TWGs during the reporting period and the outcomes of these activities. The reports must include, at a minimum:

- (a) a list of all members of each TWG;
- (b) the methods, dates and location of all TWG activities or meetings;
- (c) a summary of all issues or concerns raised or addressed during the TWG activities;
- (d) a description of outcomes or measures that were or will be implemented to address the issues identified or concerns raised; or, if any measures will not be implemented, a rationale for why not; and
- (e) a description of any unresolved issues or concerns, and a description of how these will be addressed, or a rationale for why no further measures will be required.

Attachment 1 includes a concordance table that shows where each aspect of the Condition is addressed in the attached material.

Summary of Material Filed

Attachment 1 to this letter includes the following document:

- Trans Mountain Expansion Project Technical Working Group (TWG) Report: NEB Condition 49 (April 2019), hereinafter the “Report”

TWGs have served, and will continue to serve, as the preferred vehicle for gathering technical information from affected local governments and to address concerns raised by local governments so the Project may be constructed in a manner acceptable to affected communities. Other previous filings that relate to this Report are:

- NEB Condition 14 – TWG Terms of Reference dated February 16, 2017 ([A81760](#))
- NEB Condition 49
 - TWG Report dated April 13, 2017 ([A82625](#))
 - TWG Report dated October 13, 2017 ([A86895](#))
 - TWG Report dated April 13, 2018 ([A91269](#))
 - TWG Report dated October 12, 2018 ([A94775](#))

This Report provides an update on the development and progress of TWG activities for the period of October 1, 2018 and March 31, 2019.

Should you have any questions or wish to discuss this matter further, please contact the undersigned at regulatory@transmountain.com or 403.514.6400.

Yours truly,

Original signed by

Scott Stoness
Vice President, Regulatory and Compliance
Trans Mountain Canada Inc.

Enclosure



**REPORT UPDATE NO. 4
TECHNICAL WORKING GROUP
FOR THE
TRANS MOUNTAIN PIPELINE ULC
TRANS MOUNTAIN EXPANSION PROJECT
NEB CONDITION 49**

April 12, 2019

Prepared for:



TRANS MOUNTAIN

Trans Mountain Pipeline ULC

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Ph: 403-514-6400

TABLE OF CONCORDANCE

Condition 49 is applicable to the following previously applicable legal instrument: OC-064 (Certificate of Public Convenience and Necessity [CPCN]). Table 1 describes how this report addresses the Condition requirements applicable to Condition 49. Please see Section 1.2 for a regulatory update related to this Condition.

TABLE 1

LEGAL INSTRUMENT CONCORDANCE WITH NEB CONDITION 49 TECHNICAL WORKING GROUP REPORT UPDATE

NEB Condition 49	OC-064 (CPCN)
Trans Mountain must file with the NEB, at least 4 months prior to commencing construction, and every 6 months thereafter until after commencing operations, a report describing the activities undertaken by the TWGs during the reporting period and the outcomes of these activities. The reports must include, at a minimum:	See below
a) A list of all members of each TWG;	Section 1.2
b) The methods, dates and location of all TWG activities or meetings;	Section 3.0
c) A summary of all issues or concerns raised or addressed during the TWG activities;	Section 4.0
d) A description of outcomes or measures that were or will be implemented to address the issues identified or concerns raised; or, if any measures will not be implemented, a rationale for why not; and	Section 4.0
e) A description of any unresolved issues or concerns, and a description of how these will be addressed, or a rationale for why no further measures will be required.	Section 4.0

ACRONYMS AND ABBREVIATIONS

BC	British Columbia
BC MoTI	British Columbia Ministry of Transportation and Infrastructure
CPCN	Certificate of Public Convenience and Necessity
DIM	Development Information Meeting
EMP	Emergency Management Plan
EPP	Environmental Protection Plan
ERP	Emergency Response Plan
FCA	Federal Court of Appeal
FVRD	Fraser Valley Regional District
GCC	General Construction Contractor
GIC	Governor in Council
HDD	Horizontal Directional Drilling
m	metre(s)
NEB	National Energy Board
PPA	Preliminary Plan Approval
Project	Trans Mountain Expansion Project
PSF	Pacific Salmon Foundation
Report Update	Technical Working Group Report Update No .4
SME	Subject Matter Expert
SSERP	Site-specific Emergency Response Plan
SWG	Sub-technical Working Group
TOR	Terms of Reference
TMEP	Trans Mountain Expansion Project
TMPL	Trans Mountain Pipeline System
TNRD	Thompson Nicola Regional District
Trans Mountain	Trans Mountain Pipeline ULC
TWG	Technical Working Group
TWS	temporary

workspace

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1.0 INTRODUCTION

1.1 About this Document

Trans Mountain Pipeline ULC (Trans Mountain) has long-standing relationships with local governments along the existing Trans Mountain Pipeline System (TMPL) corridor. Trans Mountain has been building on these relationships along the Trans Mountain Expansion Project (“TMEP” or “Project”) corridor in the development of the Project and will continue to do so through construction and eventual operation. Technical Working Groups (TWGs) continue to serve as the preferred vehicle for gathering technical information from affected local governments, addressing specific technical and construction issues raised by local governments and discussing relevant permitting requirements. TWG meetings provide an opportunity for Project technical teams to work directly with local government to gather information and input necessary to move forward with Project planning and construction. Trans Mountain is committed to ongoing engagement with the local governments identified in this Technical Working Group Report Update No. 4 (Report Update) through regular dialogue.

The purpose of this Report Update is to address the requirements of the National Energy Board (NEB) Condition 49, which requires that Trans Mountain file with the NEB, at least 4 months prior to commencing construction and every 6 months thereafter until commencing operations, a report on Trans Mountain’s consultations with local governments related to the activities undertaken by the TWGs during the reporting period. The Report Update also captures the outcome of these activities. Issues identified as complete in previous filings have been excluded from this Report Update. Issues raised but assessed as out of scope of the TWG Terms of Reference (TOR) are identified.

On February 16, 2017, Trans Mountain filed a related report to address the requirements of NEB Condition 14 – Technical Working Group Terms of Reference ([A81760](#)). On December 28, 2017, the NEB determined Trans Mountain had met the pre-construction requirements of Condition 14 and Condition 49.

Trans Mountain’s previous Condition 49 filings include:

- Initial Report: October 1, 2016 – March 31, 2017 reporting period, filed on April 13, 2017 ([A82625](#))
- Report Update 1: April 1, 2017 – September 30, 2017 reporting period, filed on October 13, 2017 ([A86895](#))
- Report Update 2: October 1, 2017 – March 31, 2018 reporting period, filed on April 13, 2018 ([A91269](#))
- Report Update 3: April 1, 2018 – September 30, 2018 reporting period, filed on October 12, 2018 ([A94775](#))

This Report Update describes TWG activities between October 1, 2018 and March 31, 2019.

1.2 Reporting Period Overview

On August 30, 2018, the Federal Court of Appeal (FCA) issued a Decision, the effect of which was to cancel the Order-in-Council that had approved the CPCN for the Project. Construction activities have now been wound down in a safe, secure and environmentally-appropriate manner.

Since the FCA decision, the NEB undertook a Reconsideration Hearing to consider any necessary changes or additions to the NEB’s May 2016 Recommendation Report, in light of the inclusion of Project-related marine shipping. In addition, the Government of Canada has re-initiated Phase III consultations with all Indigenous groups that may be impacted by the Project.

On February 22, 2019, the NEB released a 689-page report on the Reconsideration Hearing. The report found the Project to be in the national interest and recommended the Governor in Council (GIC) approve the Project, subject to 156 Conditions. The report also offered 16 recommendations to the GIC for actions that are essential in mitigating potential effects of the Project but fall outside the mandate of the NEB and beyond the ability of Trans Mountain to implement.

The NEB Recommendation Report is one of two components that need to be considered by the federal Cabinet in order to render a decision on the Project. The other component is the Phase III Indigenous Consultation, which is underway. If approved by Cabinet, a new CPCN will be issued for the Project.

Throughout this process, Trans Mountain continues to file updates and information with the NEB pursuant to recurring Condition filing obligations (e.g., Condition 49). In its letter dated January 31, 2019, the NEB stated it will continue to provide monthly summaries with respect to the filings but will not consider them. These filings will remain on the public record within the NEB’s regulatory documents repository.

1.3 Participating Local Governments – Technical Working Group Meetings

Trans Mountain has established TWG meetings with most local governments along the pipeline corridor. Within this reporting timeframe, some Municipalities have continued with regular TWG discussions, whereas others have opted to meet on an as-needed basis. This is acceptable to Trans Mountain and discussions with these local governments have continued as needed.

Table 2 provides an update on the status of active TWGs as of March 31, 2019.

TABLE 2

LOCAL GOVERNMENTS INVITED TO FORM TECHNICAL WORKING GROUPS

Alberta Local Governments	Status	British Columbia (BC) Local Governments	Status
City of Edmonton	Invited and declined to meet in person; requested information Letter from Trans Mountain; planning to meet in Q2 2019	City of Abbotsford	Invited and accepted; TWG meetings underway on an as-needed basis
City of Spruce Grove	Invited and accepted. TWG meetings underway on an as-needed basis	City of Burnaby	Invited and accepted in 2017; TWG meetings currently on hold. Trans Mountain looks forward to future re-engagement with the City to discuss topics of mutual interest.
Parkland County	Invited and accepted. TWG meetings underway on an as-needed basis	City of Chilliwack	Invited and accepted; TWG meetings underway on an as-needed basis
Strathcona County	Invited and accepted; TWG meetings underway on an as-needed basis	City of Coquitlam	Invited and accepted; regular TWG meetings underway
Town of Edson	Invited and accepted; TWG meetings underway on an as-needed basis	City of Kamloops	Invited and accepted; TWG meetings underway on an as-needed basis
Town of Hinton	Invited and accepted. TWG meetings underway on an as-needed basis	City of Merritt	Invited and accepted; TWG meetings underway on an as-needed basis
Town of Stony Plain	Invited and accepted; TWG meetings underway on an as-needed basis	City of Surrey	Invited and accepted, regular TWG meetings underway
Village of Wabamun	Invited and accepted; TWG meetings underway on an as-needed basis	District of Clearwater	Invited and accepted; TWG meetings underway on an as-needed basis
Yellowhead County	Invited and accepted; regular TWG meetings underway	District of Hope	Invited and accepted; TWG meetings underway on an as-needed basis
		Fraser Valley Regional District (FVRD)	Invited and accepted; TWG meetings underway on an as-needed basis
		Metro Vancouver	Invited and accepted; regular TWG meetings underway

TABLE 2 Cont'd

British Columbia (BC) Local Governments	Status
Regional District of Fraser Fort George	Invited and accepted; TWG meetings underway on an as-needed basis
Thompson Nicola Regional District (TNRD), representing: <ul style="list-style-type: none"> • Community of Avola • Community of Blue River • Community of Little Fort • Community of Vavenby 	Invited and accepted; TWG meetings underway on an as-needed basis
Township of Langley	Invited and accepted; regular TWG meetings underway
Village of Valemount	Invited and accepted; TWG meetings underway on an as-needed basis

Table 3 provides a status update regarding local governments not currently participating in TWG meetings. Trans Mountain will continue to offer invitations to schedule meetings with local governments listed.

TABLE 3

LOCAL GOVERNMENTS YET TO RE-ENGAGE IN TWG MEETINGS

Local Government (Alberta)	Status	Meeting Date
City of Edmonton	TWG meeting pending for Q2 2019	Anticipated Q2 2019
City of Burnaby	TWG meetings are currently on hold.	N/A

The City of Edmonton continues with its request to receive electronic updates regarding topics of mutual interest to both parties. Trans Mountain will arrange meetings when requested.

While the City of Burnaby has declined to continue with TWG meetings, Trans Mountain continues to share relevant information as it becomes available.

Local government and Trans Mountain TWG attendees are determined based on agreed-upon agenda topics and issues to be addressed. Trans Mountain endeavours to ensure a team member authorized to make decisions regarding agenda items and issues attends each TWG meeting.

Subject Matter Experts in Engineering, Land, Construction, Traffic Management, Permitting, Environment, Security and Stakeholder Engagement attend as needed. Some Sub-technical Working Groups (SWGs) have been formed within a TWG to address specific technical matters with additional Subject Matter Experts attending meetings as required.

Updated lists of key TWG contacts are included in Table 4 and Table 5.

TABLE 4

TECHNICAL WORKING GROUP CONTACTS BY COMMUNITY – BRITISH COLUMBIA

Local Government (BC)	Trans Mountain TWG Key Contacts	Municipal TWG Key Contacts
City of Abbotsford	Project Manager, Spread 6 (Fraser Valley) Senior Community Liaison, Stakeholder Engagement and Communications	Manager Innovation, Strategy and Intergovernmental Relations
City of Burnaby	Project Director, Lower Mainland Project Manager, Lower Mainland Manager Lower Mainland and Community Investment	Director, Engineering Director, Planning
City of Chilliwack	Project Manager, Spread 6 (Fraser Valley) Senior Community Liaison, Stakeholder Engagement and Communications	Deputy Director, Engineering
City of Coquitlam	Project Director, Lower Mainland Project Manager, Lower Mainland Community Liaison, Stakeholder Engagement and Communications	Manager, Design and Construction and Executive Sponsor Manager, Capital Projects and Inspections Project Coordinator, Design and Construction
City of Kamloops	Project Manager, Spread 5A (BC Interior) Senior Community Liaison, Stakeholder Engagement and Communications	Civic Operations Director
City of Merritt	Project Manager, Spread 5A (BC Interior) Senior Community Liaison, Stakeholder Engagement and Communications	Chief Administrative Officer
City of Surrey	Project Manager, Lower Mainland Community Liaison, Stakeholder Engagement and Communications	Manager, Drainage City of Surrey legal counsel (as determined by the City)
District of Clearwater	Project Manager, Spread 4B (North Thompson) Community Liaison, Stakeholder Engagement and Communications	Chief Administrative Officer
District of Hope	Project Manager, Spread 5B (Coquihalla-Hope) Senior Community Liaison, Stakeholder Engagement and Communications	Chief Administrative Officer and Director, Operations
FVRD	Project Manager, Spread 5B (Coquihalla-Hope) Project Manager, Spread 6 (Fraser Valley) Senior Community Liaison, Stakeholder Engagement and Communications	Manager, Strategic Planning
Metro Vancouver	Project Director, Lower Mainland Manager Lower Mainland and Community Investment	Director, Air Quality and Environment Division Manager, Properties
Regional District of Fraser Fort George	Project Manager, Spread 3 (North Thompson) Community Liaison, Stakeholder Engagement and Communications	Director of Planning Services or Manager of Planning Services
TNRD, representing: <ul style="list-style-type: none"> • Community of Avola • Community of Blue River • Community of Little Fort • Community of Vavenby 	Project Manager, Spread 3 (North Thompson) Project Manager, Spread 4A (North Thompson) Project Manager, Spread 4B (North Thompson) Project Manager, Spread 5A (BC Interior) Community Liaison, Stakeholder Engagement and Communications Senior Community Liaison, Stakeholder Engagement and Communications	Chief Administrative Officer
Township of Langley	Project Manager, Lower Mainland Project Manager, Spread 6 (Fraser Valley) Community Liaison, Stakeholder Engagement and Communications	Director, Public Works and Executive Sponsor Manager, Engineering and Construction Services
Village of Valemout	Project Manager, Spread 3 (Fraser-Fort George) Community Liaison, Stakeholder Engagement and Communications	Chief Administrative Officer

TABLE 5

TECHNICAL WORKING GROUP CONTACTS BY COMMUNITY – ALBERTA

Local Government (Alberta)	Trans Mountain TWG contacts	Municipal TWG contacts
City of Edmonton	Project Manager, Spread 1 (Greater Edmonton) Community Liaison, Stakeholder Engagement and Communications	Oil and Gas Liaison
City of Spruce Grove	Project Manager, Spread 2 (Yellowhead) Community Liaison, Stakeholder Engagement and Communications	Director Engineering
Parkland County	Project Manager, Spread 2 (Yellowhead) Community Liaison, Stakeholder Engagement and Communications	Project Officer, Engineering Services
Strathcona County	Project Manager, Spread 1 (Greater Edmonton) Project Manager, Edmonton Terminal Community Liaison, Stakeholder Engagement and Communications	Coordinator, Development Permitting
Town of Edson	Project Manager, Spread 2 (Yellowhead) Community Liaison, Stakeholder Engagement and Communications	Director Planning and Development
Town of Hinton	Project Manager, Spread 2 (Yellowhead) Community Liaison, Stakeholder Engagement and Communications	Director of Planning and Development
Town of Stony Plain	Project Manager, Spread 2 (Yellowhead) Community Liaison, Stakeholder Engagement and Communications	General Manager, Planning and Infrastructure
Village of Wabamun	Project Manager, Spread 2 (Yellowhead) Community Liaison, Stakeholder Engagement and Communications	Chief Administrative Officer
Yellowhead County	Project Manager, Spread 2 (Yellowhead) Community Liaison, Stakeholder Engagement and Communications	Manager of Infrastructure Services

2.0 FEEDBACK REGARDING THE TERMS OF REFERENCE

Trans Mountain has reached agreement on the TWG TOR with the majority of the local governments along the Project corridor. There were no additional TORs finalized during this reporting period.

The status of the two outstanding TORs and local government feedback from these same communities received since the last report is included in Table 6.

Regular TWG meetings continue as the TORs are finalized. Trans Mountain will continue to make every effort to reach agreed-upon terms as soon as possible and will report on these activities in future Condition 49 Report Updates.

TABLE 6
OUTSTANDING LOCAL GOVERNMENT-SPECIFIC TERMS OF REFERENCE
BETWEEN OCTOBER 1, 2018 AND MARCH 31, 2019

Local Government	Status	Feedback	Trans Mountain Response
City of Surrey	Regular TWG meetings continue although the TOR have not been finalized. Trans Mountain will revisit the TORs with the City of Surrey once the NEB has ruled on the Plan, Profile and Book of Reference for the section of the Project detailed route through Surrey.	No change from previous Report Update	Trans Mountain will continue to work with the City of Surrey towards finalizing TOR.
Metro Vancouver	Trans Mountain's discussions with Metro Vancouver continued during this reporting period. Trans Mountain remains hopeful an agreement will be reached. However, as of March 2019, TOR remain outstanding.	<p>Metro Vancouver provided Trans Mountain with a substantial re-write of the TOR in February 2018.</p> <p>Metro Vancouver raised the following points at TWGs during this reporting period:</p> <ul style="list-style-type: none"> • There is concern regarding long-term impacts of Trans Mountain operations. Metro Vancouver would like the TOR to speak to the operational period as well as construction. • Metro Vancouver noted that the City of Burnaby TOR discusses both operations and construction • Metro Vancouver noted that some suggested modifications are based on a review of TOR with other local governments. • Metro Vancouver is seeking reimbursement of costs and expenses to participate in the TWGs and SWGs or engage otherwise to address technical and construction issues related to the TMEP. 	<p>Trans Mountain will continue to work with Metro Vancouver towards finalizing TOR.</p> <p>Trans Mountain reviewed the rewritten TOR as presented by Metro Vancouver and discussed with Metro Vancouver at a TWG meeting on March 28, 2018.</p> <p>Further discussions and edits to the TORs occurred throughout 2018. Metro Vancouver has the most recent version of the TORs and Trans Mountain awaits a response. Trans Mountain will provide an update in the next Condition 49 filing as discussions are ongoing.</p>

3.0 TECHNICAL WORKING GROUP MEETINGS AND ACTIVITIES

Table 7 lists the methods, dates and locations of TWG and SWG activities which took place between October 1, 2018 and March 31, 2019.

TABLE 7

METHODS, DATES AND LOCATIONS OF TECHNICAL WORKING GROUP ACTIVITIES

TWG	Method	Date	Location
City of Coquitlam	Meeting	October 1, 2018	City of Coquitlam office
City of Surrey	Meeting	October 11, 2018	City of Surrey office
City of Spruce Grove	SWG Meeting – Permitting	October 17, 2018	City of Spruce Grove office
Township of Langley	Meeting	October 30, 2018	Township of Langley office
Metro Vancouver	Meeting	October 31, 2018	Metro Vancouver office
City of Coquitlam	Meeting	November 20, 2018	City of Coquitlam office
Metro Vancouver	Meeting	November 22, 2018	Metro Vancouver office
Metro Vancouver	Meeting	December 19, 2018	Metro Vancouver office
City of Coquitlam	Meeting	January 15, 2019	City of Coquitlam office
Metro Vancouver	Meeting	January 30, 2019	Metro Vancouver office
City of Coquitlam	SWG Meeting – Communication and Notification Plan	January 31, 2019	City of Coquitlam office
City of Spruce Grove	Meeting	February 14, 2019	City of Spruce Grove office
City of Chilliwack	Meeting	February 21, 2019	City of Chilliwack office
Village of Valemount	Meeting	February 25, 2019	Village of Valemount office
City of Coquitlam	Meeting	February 26, 2019	City of Coquitlam office
City of Kamloops	Meeting	February 27, 2019	City of Kamloops office
Metro Vancouver	Meeting	February 27, 2019	Metro Vancouver office

One meeting occurred outside of the reporting period (see Table 8) for this report that has not yet been included in a Condition 49 Report Update. A final record from this meeting was not available prior to the October 12, 2018 submission of Report Update No. 3 which covered the reporting period from April 1, 2018 to September 30, 2018. Any issues or concerns raised from this meeting will be reported on in Table 11.

TABLE 8

TECHNICAL WORKING GROUP MEETINGS PRIOR TO REPORT UPDATE NO. 4 REPORTING PERIOD

TWG	Method	Scheduled Date
Township of Langley	Meeting	August 28, 2018

4.0 ISSUES AND CONCERNS

Local governments have raised a variety of Project topics and issues through the regulatory process and through ongoing engagement with Trans Mountain. Trans Mountain continues to address specific technical and construction concerns and issues with each local government where TWGs have been formed. Trans Mountain continues to address issues and concerns through other communication processes where TWGs are not yet in place.

4.1 Local Government Permitting

Trans Mountain continued its efforts to clarify necessary local government permitting requirements through TWG meetings in this reporting period.

These efforts included preparing a list of potential permit requirements for review and discussion with the local government. Trans Mountain has met with most local governments to review and confirm permitting expectations.

Following these discussions, a permitting Closure Letter was provided with a schedule of Trans Mountain’s understanding of the permits necessary for Project construction within that local government’s geographical boundaries (Schedule B). In each Closure Letter, Trans Mountain requested the local government’s confirmation of the Schedule B permit list and provided an opportunity for further discussion or clarification.

Trans Mountain also indicated a lack of response by a specified date would be understood as agreement the Schedule B permit list was complete and accurate. The status of the Closure Letter with each local government is provided in Tables 9 and 10.

TABLE 9
STATUS OF CLOSURE LETTERS – BRITISH COLUMBIA

Local Government	Status
City of Abbotsford	Complete
City of Burnaby	In Progress
City of Chilliwack	Complete
City of Coquitlam	Complete
City of Kamloops	Complete
City of Merritt	Complete
City of Surrey	Complete
District of Clearwater	Complete
District of Hope	Complete
FVRD	Complete
Metro Vancouver	In Progress
Regional District of Fraser Fort George	In Progress
TNRD	Complete
Township of Langley	Complete
Village of Valemount	Complete

TABLE 10

STATUS OF CLOSURE LETTERS – ALBERTA

Local Government	Status
City of Edmonton	Pending
City of Spruce Grove	Complete
Parkland County	Complete
Strathcona County	Complete
Town of Edson	Complete
Town of Hinton	Complete
Town of Stony Plain	Complete
Village of Wabamun	Complete
Yellowhead County	Complete

4.2 Status Update – Issues and Concerns

Tables 11 and 12 provide a status update on issues and concerns raised by local governments in BC and Alberta and addressed in TWG or SWG meetings held between October 1, 2018 and March 31, 2019. Some local governments have opted to put meetings and action items on hold following the Federal Court of Appeal decision. Trans Mountain anticipates resuming these meetings should its CPCN be re-instated.

For meetings and discussions that have continued, outcomes and measures to be implemented to address the issues and concerns raised are identified. Trans Mountain continues to progress these discussions, where discussions continue with local governments and will update the table in future Report Updates.

The issue status is identified as complete where a topic of concern has been addressed to the satisfaction of both parties. Items previously reported as complete or out-of-scope have been excluded from this Report Update.

TABLE 11
UPDATE ON ISSUES AND CONCERNS RAISED BY LOCAL GOVERNMENTS IN BRITISH COLUMBIA
AND ADDRESSED IN TECHNICAL WORKING GROUP MEETINGS HELD BETWEEN OCTOBER 1, 2018 AND MARCH 31, 2019

Content shown in the grey text cells is content that has been carried forward from previous Report Updates. A white text cell indicates a new topic or information has been identified during this reporting period.

Local Government	Issue/Concern	Response/Outcome	Status
City of Abbotsford	Construction schedule and reclamation at Ledgeview Golf Course. The City would like Trans Mountain's construction schedule to align with construction of the clubhouse to minimize conflicts.	Topic was discussed at a TWG meeting on December 15, 2017 and the City had an opportunity to discuss and ask questions with Trans Mountain. Trans Mountain will share an updated construction schedule with the City as soon as it is available. The City is confirming whether the City will be responsible for reclamation and development of a Reclamation Plan for Ledgeview Golf Course.	Complete. Trans Mountain will provide updated construction schedule when available. At a previous TWG meeting, the City confirmed it will under take reclamation works on the golf course post-construction of TMEP.
City of Abbotsford	Trans Mountain indicated a number of crossing agreements have been prepared with BC Hydro. The City requested copies of crossing agreements with BC Hydro within Municipal boundaries to be included with the Highway Excavation Permit application.	Trans Mountain noted that they will be moving a number of BC Hydro poles (unsure of the total number in Abbotsford). The City will require a copy of these permits/authorizations.	In progress. For discussion at a future TWG meeting. Crossing agreements are underway.
City of Abbotsford	Sumas Terminal construction and permitting. City confirmed at a high level the following permits may be applicable: <ul style="list-style-type: none"> • Building permit for structural work: tank, retaining walls greater than 1.2 m and site servicing • Tree removal permit to include a compensation plan, tree assessment and Environmental Protection Plan (EPP) City prefers one Letter to review for Sumas Terminal. City confirmed it requires copies of regulatory agency monitoring reports to be included as part of the Environmental Development Permit documentation requirements. The City suggested a follow-up Development Information Meeting (DIM) to further discuss construction plans for Sumas Terminal and to further confirm which City permits will be required for the scope of work. City supports an expedient meeting timeframe. City requested Trans Mountain prepare detailed information for this meeting including tree assessment, details on underground work, specifics for retaining walls, etc. More information on DIM requirements list is located on the City's website.	Topic discussed at TWG meetings on December 15, 2017 and February 13, 2018. Trans Mountain to provide copy of regulatory agency monitoring reports as part of the Environmental Development Permit documentation requirements. Both parties agreed to arrange a SWG meeting (DIM) to discuss application permits and specific information required for the Sumas Terminal. Topic for future TWG and SWG meetings.	Complete. Meeting was held on December 17, 2017 to confirm permitting requirements for Sumas Terminal.
City of Abbotsford	Trans Mountain would like to establish a City water connection to Sumas Terminal to support a new reservoir associated with the new tank being added.	Trans Mountain to review suggested options for obtaining required water and incorporate into planning design.	Complete. The City of Abbotsford has confirmed no permanent access will be approved as the Sumas Terminal is outside the City's water service area. Trans Mountain will purchase an adaptor and will be given access to the fire hydrant on the west side of McKee Road when the water reservoir needs to be filled. Trans Mountain will contact the City when this service is required. The City will dispatch staff to connect the adaptor to the hydrant. Trans Mountain is responsible for traffic control related to hydrant use.
City of Abbotsford	City requested detailed traffic management plans to review vehicle weight restriction for Parallel Road where Trans Mountain is investigating a temporary infrastructure site location. The City strongly recommends Trans Mountain take pre- and post-construction photos. If City determines any damage to the roads, Trans Mountain would be responsible for cost to repair	Trans Mountain agrees and will take pre- and post-construction photos of all roads to be traversed.	In progress Laydown yard location for Spread 6 is outstanding. Trans Mountain will provide an update when available.
City of Abbotsford	The City suggested that Trans Mountain provide a letter or report prepared by a Qualified Environmental Professional determining whether the construction of Sumas Terminal would comply with the City's environmental bylaws and development permit requirements. The City did confirm that parts of the Sumas Terminal site were subject to the City's steep slope development permit area and may require a development permit for construction on lands with a slope greater than 30%.	Trans Mountain has engaged the necessary Qualified Environmental Professionals to determine if construction of the Sumas Terminal complies with the applicable City environmental bylaws.	In progress. At December 17, 2018 meeting, City requested updated data for watercourse mapping. Trans Mountain to ground truth information to be submitted in environmental reports.
City of Abbotsford	City requested estimated weight of tank pieces being transported to Sumas Terminal. City also requested that Trans Mountain reach an agreement with the gravel companies for use of their roads for construction vehicles to minimize traffic impacts to Sumas Mountain residents.	Trans Mountain to provide estimated weight for tank pieces. Trans Mountain will also seek to reach agreement with gravel companies for use of their roads to minimize traffic disturbance to Sumas Mountain residents.	In progress. At the December 17, 2018 meeting City confirmed Highway Use Permit and Road Use Permit will apply for getting materials to Sumas Terminal. Vehicle weight restrictions may apply. Trans Mountain to provide estimated weights when available.
City of Abbotsford	An appropriate Communication Plan to be in place during construction to ensure the City does not shoulder the burden of fielding questions and complaints from the public.	At a TWG meeting on May 31, 2017, Trans Mountain confirmed the intention to share the TMEP Communications and Notification Plan with the City when available.	Complete. Trans Mountain has confirmed it will have a Communications Plan in place to manage inquiries and concerns during construction. The Plan includes email, phone and online techniques for management of inquiries as well as a dedicated Community Liaison for Spread 6.

TABLE 11 Cont'd

Local Government	Issue/Concern	Response/Outcome	Status
City of Abbotsford	Crossing agreements.	Municipal permits were discussed at the May 31, 2017 TWG meeting and have been identified as a future agenda topic. Trans Mountain confirmed the expectation of 107 crossings within Abbotsford to include all road crossings and City-owned infrastructure. Trans Mountain confirmed all utility owner crossing applications would be made directly to the respective utility owner. Trans Mountain submitted utility crossing drawings to the City of Abbotsford for 87 crossings on June 15, 2017. The remaining drawings are in development.	In progress. Trans Mountain and the City are working to complete the outstanding crossing agreements. Target for completion is Q2 2019.
City of Abbotsford	Permitting: <ul style="list-style-type: none"> • Highway use and/or excavation • Oversize vehicles • Hydrant use • Tree cutting • Soil removal 	Municipal permits were discussed at a TWG meeting on May 31, 2017. Trans Mountain confirmed intent to comply with necessary Municipal permits. A number of permits have been identified that Trans Mountain believes would be required from the City. Trans Mountain confirmed it does not believe any development permits are required. Trans Mountain will continue to discuss permitting with the City at a future TWG and SWG meetings in Q1 2018.	In progress. Trans Mountain submitted a permitting closure package outlining agreed upon permitting requirements for pipeline construction to the City for review and comment on May 1, 2018. A permitting closure package for Sumas Terminal construction is in progress.
City of Abbotsford	Trans Mountain to arrange with the Contractor to provide a Project update related to Sumas Terminal and environmental impacts.	Topic for a future TWG meeting.	Complete. Trans Mountain met with the City on December 17, 2019 to discuss TMEP activities related to construction at Sumas Terminal. Meetings that include the Contractor will resume when practical.
City of Abbotsford	The City would like a plain language document explaining risk-based design.	Topic for a future TWG meeting.	In progress. Trans Mountain will revisit this concern with the City at a future TWG meeting.
City of Abbotsford	The City requests information on communication plans related to tree clearing.	The topic of permitting related to tree clearing was discussed at the TWG meeting on May 31, 2017 and Trans Mountain confirmed its intention to share the Communications and Notification Plan with the City.	Complete. The topic is aligned with Notifications plan and will inform part of those discussions.
City of Abbotsford	Interest in the EPP and various environment management plans.	Topic was discussed at TWG meeting on May 31, 2017 and Trans Mountain confirmed the EPP was sent out for consultation in November 2016. Trans Mountain to organize a meeting with a member of the environment team to review the Riparian Management Plan with the City.	Complete. Topic discussed on December 17, 2019
City of Abbotsford	Public and adjacent landowner complaints process during construction	Topic discussed at a TWG meeting on May 31, 2017. Trans Mountain confirms there will be a Construction Liaison and a Community Liaison for each construction spread. Trans Mountain to share the Communication and Notification Plan with City for input.	Complete. Trans Mountain has developed a process to manage inquiries and complaints from both landowners and the public. The process includes managing landowner concerns directly by land agents and assigning a Community Liaison to Spread 6 as the point of contact for the community.
City of Abbotsford	The City would like a regular presence from Trans Mountain to attend public council meetings during construction to respond to queries from mayor and council as well as the public. Trans Mountain to bring this request back to the broader team for consideration.	Future topic at a TWG meeting.	In progress. Topic for future TWG meeting. Trans Mountain will consider having a representative attend public council meetings, where practical.
City of Abbotsford	The City would like to be added as an additional insured party. Trans Mountain to consider request and provide a response to the City at a future TWG meeting.	Future topic at a TWG meeting.	Complete. Trans Mountain confirmed this is a requirement of the Highway Execution Permit and will be addressed by submission of the Highway Execution Permit.
City of Abbotsford	Notification to landowners of impending work. The City would like to understand the radius for landowner notifications.	Topic discussed at a TWG meeting on May 31, 2017. Trans Mountain confirmed that landowners are assigned a land agent who keeps them informed of impending work. Trans Mountain will communicate with landowners in advance of construction beginning; this could be a pre-construction availability for landowners to inform them of upcoming work and potential impacts. Trans Mountain will confirm details via the Construction Communication Plan. Trans Mountain confirmed land agents will be available on-site to deal with directly impacted property owners to re-locate them if necessary.	Complete. Directly affected landowners will be notified of upcoming work through assigned land agents. Trans Mountain will review additional communication methods for the wider community with the City when available in Q2 2019.
City of Abbotsford	The City expressed concern over temporary workspace (TWS) areas, as the extent of workspace has not been clearly explained and provided. The City is concerned about impacts of proposed workspace (e.g., tree removal). The Section 34 notices received by the City do not provide the information that the City requires to provide adequate feedback.	Topic for a future TWG meeting. Trans Mountain and its Contractor to work with the City to address concerns in relation to construction and TWS on City-owned lands.	In progress. Trans Mountain and its Contractor will continue to work with the City to address concerns in relation to construction and TWS on City-owned lands. Trans Mountain continues to gather feedback regarding TWS. Specific City requests will be captured in Land Acquisition and Crossing agreements.
City of Burnaby	Provide Forestry Field Work reports to City of Burnaby	Trans Mountain committed to provide reports based on field work completed.	In progress. Trans Mountain will share results when the report is finalized.

TABLE 11 Cont'd

Local Government	Issue/Concern	Response/Outcome	Status
City of Burnaby	Request by City of Burnaby to submit all geotechnical investigation and potholing program requests (permits) through the TWG.	Trans Mountain has agreed and all applications for geotechnical and potholing program requests (permits) have been raised at TWG meetings since this request was brought forward. As of January 2018, City of Burnaby has disengaged until further notice in TWG process. Trans Mountain remains ready to re-engage at the City's earliest convenience and sent a letter to the City on March 26, 2018 to this effect. Until City re-engages, Trans Mountain will communicate with City in writing.	In progress. As reported in Condition 49 Report Update 3, the City of Burnaby will continue to process permits as required by law where Trans Mountain makes appropriate applications. Trans Mountain continues to reach out to the City of Burnaby and remains ready to re-engage at the City's earliest convenience.
City of Burnaby	Increased risk and consequences of spills and accidents as a result of the Project, including Westridge Marine Terminal. Increased risk and consequence of a marine spill with the Project; the financial, environmental and health impacts of a spill to the community.	Trans Mountain is committed to meeting NEB Condition 129 and NEB Condition 133. Trans Mountain has and will continue to invite City of Burnaby first responders to participate in its emergency response engagement, training and exercises.	In progress. As reported in Condition 49 Report Update No. 3, Trans Mountain remains ready to re-engage at the City's earliest convenience.
City of Burnaby	The ability for Trans Mountain to respond in a timely manner and have the appropriate resources to respond to a pipeline incident.	Trans Mountain continues to engage with stakeholders around multiple aspects of the proposed Project, including ongoing engagement on Emergency Response Plans (ERPs) to share information and seek input. Trans Mountain has and will continue to invite City of Burnaby First Responders to participate in its emergency response engagement activities, training and exercises.	In progress. Trans Mountain remains ready to re-engage at the City's earliest convenience. As noted in Condition 49 Report Update No. 3.
City of Burnaby	Impacts and risks of additional tanks at Burnaby Terminal.	Topic for a future TWG meeting. Trans Mountain continues to engage with stakeholders around multiple aspects of the proposed Project, to share information and seek input.	In progress. As noted in Condition 49 Report Update No. 3, Trans Mountain remains ready to re-engage at the City's earliest convenience.
City of Burnaby	Trans Mountain will not follow local bylaws.	Topic of conversation for a future TWG meeting. On May 31, 2017 Trans Mountain applied for four Preliminary Plan Approvals (PPAs) from the City of Burnaby: <ul style="list-style-type: none"> • Construction at Westridge Marine Terminal • Construction at Burnaby Terminal • Temporary infrastructure site at Kask Brothers • Re-locates of existing infrastructure at Burnaby Terminal Trans Mountain notes that the City of Burnaby officially recorded receipt of these four PPAs between June 16 – June 27, 2017.	In progress. As noted in Condition 49 Report Update 3, the NEB granted Trans Mountain relief from the requirements of Condition 2, pursuant to Condition 1 of Certificate OC-064 (A88474) to proceed with Terminal Work in the absence of the City of Burnaby having issued PPA under section 7.3 of the Zoning Bylaw or Tree Cutting Permits under section 3 of the Tree Bylaw for the Terminal Work. TMEP construction was suspended effective August 30, 2018, following the Federal Court of Appeal decision. The safe shutdown of construction at Westridge Marine Terminal was completed on December 20, 2018. Trans Mountain continues to seek necessary permits from the City of Burnaby for Operational and Maintenance activities; Trans Mountain remains ready to re-engage at the City's earliest convenience.
City of Burnaby	Construction impacts to recreational use areas including land-based areas and Burrard Inlet.	Topic for future a TWG meeting. Trans Mountain continues to engage with stakeholders around multiple aspects of the proposed Project, to share information and seek input, including to recreational user groups and parks managers as detailed construction plans are developed; to minimize impacts and determine best methods to communicate to recreation users during construction. Regarding land-based areas, the City of Burnaby has indicated that they will engage on this topic once the NEB has ruled on the Plan, Profile and Book of Reference for this section of the Project detailed route. Trans Mountain expects to have these conversations Q1 2018.	In progress. Topic for a future TWG meeting. The NEB issued a decision regarding the Burnaby route hearing on April 26, 2018 (A6D7E7). Trans Mountain remains ready to re-engage at the City's earliest convenience.
City of Burnaby	Operational impacts to protected species in Burnaby parks and conservation areas.	Topic for future a TWG meeting. Trans Mountain continues to engage with stakeholders around multiple aspects of the Project, to share information and seek input. Trans Mountain's draft environmental management plans are being posted in phases on its website for comment. Stakeholders are invited to provide their feedback through the website and TWG discussion during the consultation window for each plan. Burnaby was notified about the opportunity to provide input to Trans Mountain's draft Environmental Management Plans (EMPs) by email on September 23, 2016 and reminded again about this opportunity on December 12, 2016. Trans Mountain offered to meet to review plans.	In progress. Topic for future TWG meetings. Trans Mountain remains ready to re-engage at the City's earliest convenience.

TABLE 11 Cont'd

Local Government	Issue/Concern	Response/Outcome	Status
City of Burnaby	These areas include fish-bearing waterways or conservation areas that are important for the habitat of migrating salmon, as well as Nooksack Dace and Cutthroat Trout; noise impacts to marine wildlife due to dredging and construction; and impacts to wildlife such as the Killer Whale, Great Blue Heron and migratory birds.	<p>Trans Mountain has a long history of investing in conservation efforts. Trans Mountain has sponsored a study by Bird Studies Canada to map bird populations in the Burrard Inlet to quantify and map seasonal bird populations. The maps will be made publicly available so local stakeholders, such as industry, government and environmental organizations can use the information in planning for the appropriate conservation and protection of marine birds.</p> <p>In January 2015, Trans Mountain contributed \$50,000 to the Pacific Salmon Foundation (PSF) in response to stakeholder feedback and input from Indigenous groups identifying salmon habitat in priority for Burrard Inlet. The funding will be used for salmon habitat enhancement in Burrard Inlet, which is expected to improve foraging opportunities for piscivorous marine birds inhabiting Burrard Inlet.</p> <p>Trans Mountain continues to field requests from conservation organizations to help with habitat restoration and education initiatives. Trans Mountain reviewed stream-crossing methods in Burnaby at the September 6, 2017 pre-TWG meeting and discussed concerns raised by the City of Burnaby. Trans Mountain will continue to work with the City of Burnaby to address issues related to this concern.</p> <p>On July 27, 2017, the PSF and Trans Mountain announced measures that will be introduced by the company in the protection of wild Pacific salmon. Trans Mountain has signed a Memorandum of Understanding with PSF for multi-year salmon programs, including a third-party assessment by PSF of Trans Mountain's construction across sensitive salmon-bearing watercourses in BC. The agreement provides \$2.5 million in funding to support grants to community groups for salmon conservation, coastal research and post-secondary education bursary program and up to \$500,000 for the third-party construction assessment.</p>	<p>Complete</p> <p>Trans Mountain successfully re-located an eagle's nest at Westridge Marine Terminal in September 2017 in consultation with the City of Burnaby. Trans Mountain is preparing an ecological report. A copy was shared with the City in April 2019.</p>
City of Burnaby	Review list of applicable City of Burnaby permits. Permit applications must be directed to the TWG meetings per City of Burnaby's request.	<p>Trans Mountain provided to the City a list of city permits along with highlights of the permits that Trans Mountain considers applicable for compliance submissions at a pre-TWG meeting on May 5, 2017. Permitting was discussed at a TWG meeting on October 18, 2017.</p> <p>Topic for SWG meeting once feedback from the City of Burnaby is received on PPA applications.</p>	<p>In progress.</p> <p>As noted in Condition 49 Report Update No. 3, Trans Mountain will continue to seek all necessary permits from the City of Burnaby and remains ready to re-engage at the City's earliest convenience.</p>
City of Burnaby	<p>Concerns related to traffic management around Westridge Marine Terminal and Burnaby Terminal:</p> <ul style="list-style-type: none"> Alternative options for traffic management with respect to proposed Gaglardi access Concern about impacts on Forest Grove and Sperling neighbourhoods and security 	<p>Traffic management was a topic at a pre-TWG meeting on May 3, 2017. Trans Mountain provided an overview of the Traffic Management Plan and answered questions from City staff. The group agreed to table topic for future TWG and SWG meetings.</p> <p>City of Burnaby identified priorities for SWG meetings are to discuss access to and from the terminals. A traffic management update is on the draft agenda for October 11, 2017 TWG meeting.</p> <p>Trans Mountain presented an update on traffic management at an October 18, 2017 TWG and answered questions from city staff. Both parties agreed to review and discuss the draft traffic management plan in development with the General Construction Contractor (GCC) at a SWG meeting.</p>	<p>In progress.</p> <p>As noted in Condition 49 Report Update No. 3, to date the City has not provided Trans Mountain with comments on the previously submitted Traffic Management Plan. Trans Mountain remains ready to re-engage at the City's earliest convenience.</p>
City of Burnaby	Review crossings.	Initial conversation took place at June 5, 2017 pre-TWG meeting. Agreement to defer review of crossings until after NEB route hearing decision. Future TWG meeting topic.	<p>In progress.</p> <p>As noted in the Condition 49 Report Update No. 3, this topic was outstanding pending NEB decision on route hearings. The NEB issued a decision regarding the Burnaby route hearing on April 26, 2018 (A6D7E7). Trans Mountain remains ready to re-engage at the City's earliest convenience.</p>
City of Burnaby	Additional information about Westridge Marine Terminal eagle's nest proposed alternate location.	A SWG meeting was held on August 22, 2017 to discuss the re-location of an eagle's nest at Westridge Marine Terminal. The City provided permission to Trans Mountain to install an alternate nest platform and nesting materials in a tree on City property. Monitoring and discussions are ongoing related to this topic.	<p>Complete.</p> <p>Trans Mountain successfully re-located an eagle's nest at Westridge Marine Terminal in September 2017 in consultation with the City of Burnaby. Trans Mountain shared a copy of the ecological report in April 2019.</p> <p>Since the SWG occurred, discussions with the City are on-hold. Trans Mountain looks forward to re-engaging at the City's earliest convenience.</p>
City of Burnaby	Investigate using Trans Mountain owned Shell 16-inch pipeline corridor for TMEP to cross Shellmont Street; and abandonment of Kinder Morgan Canada Inc.-owned Shell 16-inch pipeline.	<p>Initial conversation took place at June 27, 2017 pre-TWG meeting followed by subsequent discussion at a pre-TWG meeting on July 27, 2017.</p> <p>Trans Mountain advised abandonment would require separate application to NEB and slight re-route to run through trench. Group agreed to defer until the NEB route hearing process is complete and re-visit once a final route is determined.</p> <p>Future TWG meeting topic Q4 2017 – Q1 2018.</p>	<p>In progress.</p> <p>As noted in the Condition 49 Report Update No. 3, this topic was outstanding pending NEB decision on route hearings. The NEB issued a decision regarding the Burnaby route hearing on April 26, 2018 (A6D7E7) Trans Mountain remains ready to re-engage at the City's earliest convenience.</p>
City of Burnaby	Add "Confirm list of outstanding issues" to future agendas.	For discussion at future TWG meeting.	<p>In progress.</p> <p>Trans Mountain remains ready to re-engage at the City's earliest convenience.</p>

TABLE 11 Cont'd

Local Government	Issue/Concern	Response/Outcome	Status
City of Burnaby	Trans Mountain to provide City of Burnaby with a copy of final forestry pipeline corridor site visit report once complete.	In progress. Reports scheduled to be completed in Q4 2017.	In progress. Topic discussed at October 18, 2017 TWG meeting. Report is outstanding and will be circulated when completed. City of Burnaby clarified that the forestry report is for the pipeline. Trans Mountain will share results when the report is finalized. Trans Mountain remains ready to re-engage at the City's earliest convenience.
City of Burnaby	The City wants to understand the rationale for alignment of crossings and is interested in details of where the flexes could be. The City wants to review the Gaglardi crossing and the North Road crossing.	The group agreed at a pre-TWG meeting on May 3, 2017 to table this topic for a future TWG or SWG meeting. Trans Mountain reviewed crossings with the City at a pre-TWG meeting on June 27, 2017 and addressed questions and concerns around trenchless construction methodology, tree removals and the Shell Burmount Terminal. Initial conversation is underway; however, further discussion required once detailed alignment approved by the NEB.	In progress. As noted in the Condition 49 Report Update No. 3, this topic was outstanding pending NEB decision on route hearings. NEB rendered a decision on February 15, 2018; however, in January 2018 the City of Burnaby disengaged in the TWG process. Trans Mountain remains ready to re-engage at the City's earliest convenience.
City of Burnaby	The City is concerned that there is a lack of understanding of special requirements related to pipeline construction methodology.	Future TWG agenda topic Q4 2017 – Q1 2018.	In progress. As noted in the Condition 49 Report Update No. 3, this topic was outstanding pending NEB decision on route hearings. The NEB issued a decision regarding the Burnaby route hearing on April 26, 2018 (A6D7E7) Trans Mountain remains ready to re-engage at the City's earliest convenience.
City of Burnaby	The City of Burnaby is interested in further information about: <ul style="list-style-type: none"> Route alignment rationale and detail to determine where flexibility may exist Detailed route alignment construction methodology 	Topics discussed at a pre-TWG meeting on July 5, 2017. Further discussion at future TWG meetings.	In progress. As noted in the Condition 49 Report Update 3, this topic was outstanding pending NEB decision on route hearings. The NEB issued a decision regarding the Burnaby route hearing on April 26, 2018 (A6D7E7). Trans Mountain remains ready to re-engage at the City's earliest convenience.
City of Chilliwack	Sardis-Vedder Aquifer protection.	Ongoing TWG meeting topic. Please see Appendix C of Section 21 Chilliwack route re-alignment application (A82269) for documentation related to City's concerns and Trans Mountain's responses.	In Progress. Protection of the aquifer is documented in the NEB Report Chilliwack Reroute Alignment OH-001-2017 (A6C9X9) dated April 5, 2018. The City would like to meet on an as-needed basis. Information will be discussed/and or shared with the City as it becomes available.
City of Chilliwack	The City requests that the NEB add a condition that requires Trans Mountain to, at a minimum: develop and implement a Communication Plan in consultation with local governments that demonstrates how Trans Mountain will ensure that all public inquiries, complaints and concerns regarding construction and operations of the TMEP are directed to and handled by Trans Mountain, which includes the provision of a full-time Trans Mountain employee at the Municipal City hall(s) where construction is underway to act as a resource for the public and point person for Municipal employees.	Topic for a future TWG meeting.	In Progress. On February 21, 2019, Trans Mountain reviewed the Community Liaison role. While Trans Mountain appreciates the City's offer to provide workspace for a Community Liaison within the Municipal hall, Trans Mountain confirmed a full-time Trans Mountain employee will not be located at the Municipal hall while construction is underway. Alternative means of information sharing will be developed in collaboration with the City's needs and the Project's capacity prior to construction. Trans Mountain reiterated our commitment to minimizing the burden of responding to Project inquiries by the City and agreed to promote Project contact information to the public and stakeholders; to provide administration and reception staff with Project contact information; and to have an in-person Community Liaison available in the community intermittently during construction.
City of Chilliwack	Obtain baseline water quality data for hydrocarbons, heavy metals, nutrient loads and bacteria, and sediment quality prior to construction.	A Groundwater Management Plan has been prepared as part of the EMPs required for the Project. This Plan outlines procedures for identifying groundwater-related effects of the Project, provides criteria for implementing those procedures, reviews planned mitigation measures and describes monitoring of groundwater quality and/or quantity. It also emphasizes protection of identified vulnerable aquifers along the proposed pipeline route. When construction is complete, field testing results will be available for comparison to results from pre-construction monitoring. Post-construction results will also be compared to Health Canada's Guidelines for Canadian Drinking Water Quality. Trans Mountain has shared the draft Groundwater Management Plan along with a technical memo regarding the protection of Municipal water sources. Trans Mountain anticipates receiving feedback on these documents related to this topic at an upcoming TWG meeting.	In Progress. Trans Mountain will offer an environment briefing to staff and elected officials to share information as well as respond to questions and concerns about groundwater and the protection of the aquifer.

TABLE 11 Cont'd

Local Government	Issue/Concern	Response/Outcome	Status
City of Chilliwack	Establish monitoring protocols in conjunction with the City for monitoring groundwater quality and quantity before, during and after construction and during operations.	<p>A Groundwater Management Plan has been prepared as part of the EMPs required for the Project. This Plan outlines procedures for identifying groundwater-related effects of the Project, provides criteria for implementing those procedures, reviews planned mitigation measures and describes monitoring of groundwater quality and/or quantity. It also emphasizes protection of identified vulnerable aquifers along the proposed pipeline route.</p> <p>When construction is complete, field testing results will be available for comparison to results from pre-construction monitoring. Post-construction results will also be compared to Health Canada's Guidelines for Canadian Drinking Water Quality.</p> <p>Trans Mountain has shared the draft Groundwater Management Plan along with a technical memo regarding the protection of municipal water sources. Trans Mountain anticipates receiving feedback on these documents related to this topic at an upcoming TWG meeting.</p>	<p>Complete.</p> <p>Trans Mountain will offer an environment briefing to staff and elected officials to share information as well as respond to questions and concerns about groundwater and the protection of the aquifer.</p>
City of Chilliwack	Request to amend Draft Condition 88 (NEB Condition 90) to: replace the word "communities" with "local governments"; require Trans Mountain to develop a TOR with each local government that establishes a mutually agreed protocol for "consultation" and mutual obligations; develop the EMP and obtain approval of the EMP by the NEB before Project construction begins.	<p>NEB Conditions refer to 'Appropriate Government Authorities.' NEB Condition 14 requires Trans Mountain to develop TOR for TWGs.</p> <p>Trans Mountain's Emergency Response Program is a comprehensive set of policies, procedures and processes designed to support our commitment of safety and security of the public, workers, company property and the environment. Our current EMP includes ERPs that are location-specific and cover all current pipeline and associated facilities for the existing TMPL.</p> <p>Trans Mountain is committed to meeting NEB Condition 90 – Consultation on improvements to Trans Mountain's Emergency Management Program, NEB Condition 124 – Implementing improvements to Trans Mountain's Emergency Management Program.</p>	<p>Complete.</p> <p>The City of Chilliwack will continue to be invited to participate in all emergency management engagement and training relevant to the region.</p>
City of Chilliwack	City requests NEB amend Draft Condition 58 (NEB Condition 62) to: require that Trans Mountain seek local government feedback and coordinate with local governments when developing and implementing the construction schedule; require that Trans Mountain submit the construction schedule 60 days in advance to the local government in which it will be in that local government's jurisdiction.	Trans Mountain will seek input into construction plans, including the schedule, through ongoing TWG discussions with the City.	<p>Complete.</p> <p>Final Conditions have been released by the NEB.</p> <p>Trans Mountain will submit the construction schedule 60 days in advance to the local government for activities within its jurisdiction.</p>
City of Chilliwack	City requests NEB to amend Draft Condition 61 (NEB Condition 73) to: include the requirement that Trans Mountain abide by local government bylaws pertaining to street and traffic and apply for highway-use permits where applicable; submit a compensation plan that outlines how Trans Mountain will calculate its use of local government resources, staff time and first responders to administer its traffic closures and how it will compensate local governments for this time.	<p>Wherever practical, Trans Mountain will work with Provincial and Municipal governments to ensure its Project plans meet or exceed expectations outlined in applicable Provincial regulations and necessary Municipal bylaws.</p> <p>Trans Mountain has stated it is not Trans Mountain's intent to be a financial burden on Municipalities. If a local government believes it is in a situation of net loss, Trans Mountain will meet and discuss outstanding concerns or costs.</p> <p>Trans Mountain will consult on the draft Traffic Control Plan as part of NEB Condition 73 at an upcoming TWG meeting.</p>	<p>Complete.</p> <p>Trans Mountain submitted a permitting closure package to the City on May 24, 2018. City provided comments and a revised Schedule B was provided on September 24, 2018.</p>
City of Chilliwack	City requests NEB include a Condition that requires Trans Mountain to develop a Noise Management Plan for general construction noise (not solely from horizontal directional drilling [HDD]) in residential areas, near schools, and in parks, and that Trans Mountain abide by local government noise bylaws or else seek exemption permits from local governments for exceeding noise requirements.	<p>Trans Mountain will ensure the operation and testing for noise generating equipment meets local noise bylaws by designing and installing equipment with appropriate consideration of noise suppression. Additionally, testing for this type of equipment is normally done during regular working hours. Detailed mitigation measures for this equipment have not yet been determined, as this will be done during the final phase of detailed design and engineering work.</p> <p>In addition, Condition 74 requires site-specific HDD Noise Management Plans to be filed 3 months prior to the commencement of construction of each HDD crossing.</p>	<p>In Progress.</p> <p>Trans Mountain submitted a permitting closure package to the City on May 24, 2018. City provided comments and a revised Schedule B was provided on September 24, 2018.</p> <p>Trans Mountain will share a copy of the Vedder River HDD Noise Management Plan once completed.</p>
City of Chilliwack	City expressed concern over ensuring topics of importance were discussed. City would like to have road crossings, river crossings and groundwater as standing agenda items.	To be included on future TWG agendas as required.	<p>In progress.</p> <p>Topics will be discussed at TWGs on an as needed basis.</p>
City of Chilliwack	City requested Sardis-Vedder Aquifer be added to the Rolling Action Plan (formerly List of Outstanding Concerns).	Trans Mountain added this to the Rolling Action Plan to be shared with the City with each subsequent TWG meeting.	<p>Complete.</p> <p>This has been added to the Rolling Action Plan. Information related to the aquifer will be shared as it becomes available.</p>
City of Chilliwack	City expressed concern over ensuring proper documentation of meetings. Request for any documents shared at meetings to be included with meeting minutes along with agenda.	Trans Mountain agrees with this request and will incorporate this feedback into the TOR specific to the City of Chilliwack.	Complete.
City of Chilliwack	Trans Mountain to provide updated construction information as it becomes available.	Ongoing topic for future TWG meetings.	<p>Complete.</p> <p>Trans Mountain will share construction information as it becomes available and will seek the City's input where appropriate.</p>

TABLE 11 Cont'd

Local Government	Issue/Concern	Response/Outcome	Status
City of Coquitlam	Environmental impacts of construction.	<p>EMPs are a topic for TWG or SWG meetings.</p> <p>Trans Mountain established TWG and SWGs with the City of Coquitlam to address specific topics of interest including environmental impacts.</p> <p>The City provided its feedback to the TMEP EMPs available online and the feedback is being discussed through TWGs and environment SWG meetings.</p> <p>Trans Mountain discussed environment-related topics at TWG meetings on May 16, 2017, July 18, 2017, September 12, 2017 and at a SWG meeting/site tour on August 29, 2017.</p> <p>The City of Coquitlam is being provided any Condition filings related to environment plans as they are filed with the NEB. Discussions are underway about environment topics including Bear Smart, plant species, tree management and design for culverts near the Port Mann compensation area to meet City of Coquitlam specifications (size and height/weight ratio).</p>	<p>In progress.</p> <p>Trans Mountain has ongoing discussions with the City through TWG and SWG meetings on environmental topics. Trans Mountain has reviewed the EPP through ongoing TWG and SWG meetings including a subsequent site visit with the City arborist. Trans Mountain has responded to the City's feedback both in person and through correspondence.</p> <p>City has requested all tree data for both private and City-owned lands. City will not require tree cutting permits on private lands but would like to know the number and location of proposed tree removals. Trans Mountain is updating this report and will provide a copy to the City once complete.</p>
City of Coquitlam	Economic impacts to businesses affected by construction.	<p>Topic for future TWG or SWG meetings.</p> <p>Trans Mountain continues to engage with stakeholders around multiple aspects of the proposed Project, including ongoing engagement with neighbours (including businesses) to share information and seek input to our detailed construction plans to minimize impact to neighbours during construction.</p> <p>Trans Mountain hosted an engagement event (coffee chat) for local businesses on August 30, 2017.</p>	<p>In progress.</p> <p>Further outreach with the business community is planned for upon receipt of CPCN and prior to construction.</p>
City of Coquitlam	Construction impacts on Municipal services such as fire/rescue.	<p>Topic for future TWG or SWG meetings.</p> <p>Trans Mountain established TWG and SWGs with the City of Coquitlam to address specific topics of interest including coordination with the City's emergency services.</p> <p>Discussions are underway through established Emergency Management SWGs. Trans Mountain and the Contractor commit to arranging an emergency services site tour prior to the start of construction along with regular updates on Project-related traffic information.</p>	<p>In progress.</p> <p>Site-specific Emergency Response Plans (SSERPs) were shared with the City and discussed during a site visit on September 13, 2018. The City requested that Trans Mountain revise the SSERP to include additional scenarios for underground explosion or fire and confined space plan. Trans Mountain will revise the SSERP and set up a future meeting to discuss with the City.</p>
City of Coquitlam	Assurance that TMEP will adhere to City bylaws and permits requirements.	<p>Topic for TWG or SWG meetings.</p> <p>Trans Mountain established TWG and SWGs with the City of Coquitlam to address specific topics of interest including permitting.</p> <p>Trans Mountain confirmed intent to comply with all necessary local and Regional permitting requirements.</p>	<p>Complete.</p> <p>This is addressed through the permitting closure package submitted to the City on August 2, 2018.</p>
City of Coquitlam	Construction impacts to landowners with property built on an old landfill.	<p>Topic for future TWG or SWG meetings.</p> <p>Trans Mountain discussed conducting precondition surveys prior to construction.</p>	<p>Complete.</p> <p>As noted in Condition 49 Report Update No. 3, Trans Mountain will complete pre-condition surveys are planned to be completed prior to construction start. This item is included in the Rolling Action Plan.</p>
City of Coquitlam	Pavement on United Boulevard (City of Coquitlam requested that Trans Mountain restore and re-pave the two westbound lanes on United Boulevard after construction).	<p>Topic for future TWG and SWG meetings.</p> <p>Through the NEB IR process, Trans Mountain committed to restoring and repaving as necessary the two northern (westbound) lanes of United Boulevard post-construction, in the areas affected by Trans Mountain's construction work.</p> <p>Discussions with the City about plans for United Boulevard re-pavement are ongoing. The topic was discussed, and progress made at the Traffic Management SWG meeting on June 5, 2017, TWG meetings on July 18, 2017 and September 12, 2017. City of Coquitlam is reviewing and will provide feedback at the next scheduled TWG meeting. Topic will be discussed in a separate "United Boulevard rebuild" SWG.</p>	<p>In progress.</p> <p>As in the Condition 49 Report Update No. 3, this topic was discussed, and a plan was presented at previous TWG meetings.</p> <p>City has concerns over United Boulevard pavement condition and would like to keep it serviceable while waiting for TMEP construction to begin. City has been deferring major rehabilitation of the road pending TMEP construction. City could not wait for TMEP construction to begin and had to complete road maintenance in this area between 2016 and 2018. City submitted an invoice to TMEP for this work in January 2019. TMEP is reviewing and will discuss in future TWG meetings.</p>
City of Coquitlam	City of Coquitlam is a designated Bear Smart certified community and must consider reducing human-wildlife conflict. The City asked Trans Mountain to consider a change from three smaller culverts to one larger culvert in the area between Fraser River HDD crossing exit and United Boulevard to allow crossing for larger animals.	<p>Topic for future TWG or SWG meetings.</p>	<p>In progress.</p> <p>Trans Mountain shared crossing drawings for culvert designs. Comments received from City are being addressed. An update will be shared at a future TWG meeting.</p>
City of Coquitlam	City of Coquitlam would like to review erosion control measures and Pipeline EPP	<p>Erosion control measures are outlined in the Pipeline EPP.</p> <p>Future SWG meeting topic to review site-specific Erosion and Sediment Control Plans with the City of Coquitlam in Q4 2017.</p>	<p>In progress.</p> <p>Topic for a future TWG meeting.</p> <p>Trans Mountain will work with the City to identify specific locations and develop site-specific erosion and sediment control plans prior to construction.</p>

TABLE 11 Cont'd

Local Government	Issue/Concern	Response/Outcome	Status
City of Coquitlam	Traffic management, business and emergency access: <ul style="list-style-type: none"> City of Coquitlam requires a list of proposed Traffic Management Plans and construction methodologies throughout City. Traffic Management needs to include provisions for emergency response times. Traffic Management plans should consider BC Ministry of Transportation and Infrastructure (BC MoTI) impacts at Mary Hill Bypass and Brunette Highway. City of Coquitlam has concerns regarding methane readings and would like to discuss fire response plan in a SWG. City noted that many businesses only have one driveway access. It is City's understanding that during construction, Trans Mountain will want to close accesses for a period of time and use driveways to other businesses, and the parking lot areas and internal connections to provide access to all businesses (albeit indirect). This needs to be communicated to affected businesses and they will need to agree to this scenario. 	<p>Trans Mountain discussed the Traffic Management Plan with the City of Coquitlam at a TWG meeting on May 16, 2017. The Plan was available for feedback online until May 21. This Plan provides the overall approach and has a list of key locations. Trans Mountain is developing site-specific Traffic Management Plans.</p> <p>Trans Mountain reviewed aspects of the Traffic Management Plans for each scheduled full closure and detour during the SWG meeting on June 5, 2017 including United Boulevard, Hartley Avenue and Rogers Avenue.</p> <p>Trans Mountain will submit Traffic Management Plans to the City and also review the emergency response times; if these are not achievable, a temporary fire or emergency station may be required.</p> <p>Trans Mountain will share Traffic Management Plans for BC MoTI locations within the City of Coquitlam. Trans Mountain will set up a meeting with City of Coquitlam Fire to discuss methane readings and fire response plan in January 2018.</p> <p>Trans Mountain will engage with local businesses to understand impacts, access and peak hours in Q4 2017.</p>	<p>In progress.</p> <p>Traffic Management Plan is being revised. Trans Mountain will share updated version with City once completed.</p>
City of Coquitlam	City of Coquitlam requested an update regarding the TMEP Communication and Notification Plan.	Communication and Notification Plan will be provided to the City in Q4 2017. Trans Mountain will set up a SWG meeting to discuss the plan.	<p>Complete.</p> <p>Trans Mountain provided an overview of the Communication and Notification Plan at a SWG meeting in January 2018.</p>
City of Coquitlam	Beedie Development Group requested Trans Mountain explore options for re-aligning TMEP alignment into City streets to mitigate conflict to its proposed development.	<p>Trans Mountain will complete a traffic study at King Edward and United Boulevard and share it with the City in Q4 2017.</p> <p>Future TWG agenda topic Q4 2017 – Q1 2018.</p>	<p>In progress.</p> <p>Traffic Management Plan is being revised to accommodate changes requested by City related to Beedie Development Group. Trans Mountain will share updated version with City once completed.</p>
City of Kamloops	Utility crossings and methods.	Topic for a future TWG meeting.	Complete.
City of Kamloops	Traffic delays due to construction – Ord Road, Tranquille Road (trucking) and Missions Flats Road (access to solid waste management site)	<p>Topic for a future TWG meeting.</p> <p>Public access to the solid waste management site along Mission Flats Road will be maintained throughout construction. Short delays may be experienced by the public due to construction vehicle movement on and off Mission Flats Road. These activities will be managed by professional traffic controllers.</p> <p>Trans Mountain is committed to meeting NEB Condition 73 – Traffic Control Plans for Public Roadways, and to providing detailed Traffic Management Plans for discussion through TWG meetings. NEB Condition 73 requires Trans Mountain to consult with Appropriate Government Authorities, such as the City of Kamloops, in the development of this Plan, and to provide a description and justification for how feedback from those consulted has been incorporated.</p>	<p>In progress.</p> <p>Detailed Traffic Management Plans will be discussed on a TWG meeting on April 3, 2019.</p> <p>As outlined in Condition 49 Report Update 3, this topic was discussed during previous TWG meetings. City's concerns regarding the closure of Ord Road for a week through the Communications and Notification Plan and the Traffic Management Plan.</p> <p>The Communications and Notification Plan will be shared at an upcoming meeting.</p> <p>The Traffic Management Plan is under development and will be a topic for a future TWG meeting. Trans Mountain agreed to provide the plan to the City 4 weeks prior to the TWG to review.</p>
City of Kamloops	Trans Mountain will consult with owners and operators of Merritt, Kamloops and Blue River airports and will continue throughout the Project planning and potential construction phases as more information becomes available.	Trans Mountain met with the City and the Kamloops Airport Society at a previous TWG meeting to discuss Project planning.	Complete.
City of Kamloops	Maintain access and maintain storm water storage infrastructure function at Ord Road Dog Park.	Topic for a future TWG meeting.	<p>In progress.</p> <p>Topic for a future TWG meeting scheduled for April 3, 2019.</p>
City of Kamloops	Impacts to green spaces, parks and natural areas such as Kenna Cartwright and Ord Road Dog Park.	<p>Topic for a future TWG meeting. Detailed planning will be tied to the anticipated construction schedule.</p> <p>Alternate site located for Ord Road Dog Park. Detailed planning required for Kenna Cartwright notifications and dog park relocation.</p>	<p>In progress.</p> <p>Topic for a future TWG meeting scheduled for April 3, 2019.</p>
City of Kamloops	<p>Prior to construction, Trans Mountain will arrange procurement open houses or workshops at various local and Regional locations to present potential supply opportunities to the Project.</p> <p>Trans Mountain will provide information about procurement opportunities to potential Indigenous, Regional, Provincial and Canadian suppliers using various communication means.</p>	<p>Trans Mountain agrees to arrange procurement workshops with its contractors at various locations. Trans Mountain expects to begin these workshops in Q2 2017.</p> <p>Trans Mountain is committed to meeting NEB Condition 11 – Indigenous, Local and Regional Skills and Business Capacity Inventory; NEB Condition 12 – Training and Education Monitoring Plan; and NEB Condition 107 – Indigenous, Local and Regional Employment and Business Opportunity Monitoring Reports.</p>	<p>Complete.</p> <p>Trans Mountain held a Business Readiness Workshop on March 26, 2019.</p>
City of Kamloops	Construction clean-up. Specific requirements will be captured through Municipal permitting for specific construction sites (road crossings, etc.).	Topic for a future TWG meeting.	<p>Complete.</p> <p>Topic was discussed at a TWG meeting on February 26, 2018.</p>
City of Kamloops	There are many gully crossings that typically do not have surface water flowing or may only flow intermittently. While the gullies do not have fish value, they do play important roles in storm water management and protection of properties downstream. Given the history of the gullies and their role in storm water management, Trans Mountain should be made aware of their importance.	Topic for a future TWG meeting.	<p>Complete.</p> <p>Topic was discussed at a TWG meeting on February 26, 2018.</p>
City of Kamloops	Working windows should also consider times when Kamloops is at higher risk of significant rain events. These are typically early summer (June/July) and September. Snow melt should also be considered and measures in place to deal with these events.	Topic for a future TWG meeting.	<p>Complete.</p> <p>Information provided to Contractor.</p>

TABLE 11 Cont'd

Local Government	Issue/Concern	Response/Outcome	Status
City of Kamloops	Vehicle/Equipment Crossings: Activity/Concern 22 (Closed and Open Bottom Culverts) of the Pipeline EPP refers to use of culverts. Crossings should be adequately sized to convey the 1 in 100-year rain events and the City is generally not supportive of the use of corrugated steel pipe material.	Topic for a future TWG meeting.	Complete. Information provided to Contractor.
City of Kamloops	Parks department requests that in-person meetings with Trans Mountain (when timing is appropriate) to go over the reclamation/work plans in the field, specifically for Kenna Cartwright Park. This approach is working very well with BC Hydro.	Topic for a future TWG meeting.	In progress. Topic for a future TWG meeting on April 3, 2019
City of Kamloops	Page 29 Table 5.2-1 of the Riparian Habitat Management Plan (Vehicle/Equipment Crossings at watercourses): There is mention of erosion and sediment control measures being implemented immediately following installation of crossing. Consideration should be given to control measures being in place before and during construction as well.	Topic for a future TWG meeting.	Complete. Information provided to Contractor.
City of Kamloops	Page 30 of the Riparian Habitat Management Plan: Geotechnical Engineer should be involved for many (if not all) crossings throughout the project, not only during clean-up.	Topic for a future TWG meeting.	Complete. Information provided to Contractor.
City of Kamloops	City requests list of sub-contractors.	Trans Mountain will provide this list when it is available. Trans Mountain has identified core sub-contracting services anticipated for construction to allow the City of Kamloops to plan infrastructure projects that do not draw on the same resources. Trans Mountain will provide a list of sub-contractors when contracts have been secured (estimated Q2 2018).	In progress. Information will be provided when sub-contractors have been confirmed. Target Q2 2019.
City of Merritt	Capacity of TMEP to accommodate the proposed runway expansion (1,000 ft. new runway). Capacity of TMEP to accommodate runway.	Discussions underway with the City of Merritt. Topic for future TWG in Q1 2018.	Complete. Trans Mountain has designed the TMEP in this area to accommodate a future runway expansion.
City of Merritt	Trans Mountain will consult with owners and operators of Merritt, Kamloops and Blue River airports as part of Community Readiness Engagement and will continue throughout the Project planning and potential construction phases as more information becomes available.	Discussions underway with the City of Merritt. Topic was discussed at a TWG meeting on February 26, 2018. Trans Mountain confirmed the City of Merritt airport closure is anticipated to be up to one week. The City advised that notifications (NOTAMS) are needed for airport runway closures. Trans Mountain is aware and will complete these notifications as part of the Communications and Notifications Plan.	In progress. The Trans Mountain regulatory team will confirm requirements following discussions with Transport Canada.
City of Surrey	Minimizing construction impact to residential neighbourhoods and the public (Fraser Heights).	Construction-related impacts are topics for future TWG meetings. Trans Mountain continues to engage with stakeholders around multiple aspects of the Project, including ongoing engagement with neighbours (including businesses) to share information and seek input to detailed construction plans to minimize impact to neighbours during construction. Trans Mountain held a bilingual (Mandarin) information session in Fraser Heights on June 27, 2017 and an update to Fraser Heights Community Association on June 29, 2017. Future outreach is planned prior to construction.	Complete. As noted in Condition 49 Report Update No. 3, Trans Mountain revised the draft reclamation plan based on City's feedback and the City is satisfied with the revised Plan.
City of Surrey	City of Surrey provided feedback to the draft TWG TOR and Appendix B: Joint Municipal Conditions.	Draft TOR are a topic for future TWG meetings. Trans Mountain has developed the draft TOR based on the requirements and as directed by NEB Conditions 14 and 49. The goal of the TWGs is to address specific technical and construction issues with each affected Municipality. The TORs provide the framework for how Trans Mountain and Municipalities will work together to achieve this goal, including identifying the appropriate contacts to participate in TWGs; proposing a method for tracking issues and resolution of concerns; protocols for reporting and communicating with TWG members; and identifying the issues or topics within the TWG's scope and mandate. Technical and construction issues related to TMEP will be addressed through the TWG framework. Decisions related to the existing TMPL or future operations once TMEP is completed, including Municipal costs, crossing agreement and permitting, will be addressed through discussions with the appropriate Trans Mountain representative, as well as meetings convened by the NEB. As mentioned in Section 2.0 of this Report Update, Trans Mountain has not received any specific feedback from the City of Surrey on the draft TOR since they were shared on May 26, 2017. TWG meetings continue with agreement from both parties that ongoing discussions will follow the current TWG format. Trans Mountain remains committed to working with the City of Surrey to resolve any outstanding concerns to the extent practical. Discussions with the City of Surrey will continue, and appropriate Trans Mountain experts will attend future TWGs as necessary. Trans Mountain will revisit the TOR with the City of Surrey once the NEB has ruled on the Plan, Profile and Book of Reference for the section of the detailed route through Surrey.	In progress. Discussion regarding the TOR is on hold pending the decisions from detailed route hearings for Surrey and the re-issuance of the CPCN.
City of Surrey	The City is concerned about windthrow issues on City park land due to vegetation removal and requested Trans Mountain provide a windthrow report conducted by a Registered Professional Forester where tree removals are planned adjacent to City lands.	Trans Mountain will prepare a windthrow and danger tree assessment report in or around Q4 2017. As requested by the City of Surrey, the report will be prepared by a Registered Professional Forester. In the interim, discussions continue at TWG Meetings and Trans Mountain provided the LiDAR high-level maps showing the areas that will be field-assessed in the near future for danger trees and windthrow potential.	In progress. As noted in Condition 49 Report Update No. 3, both parties agree that a danger tree assessment is not required at this time. Trans Mountain will consider City's request for a windthrow survey however further geotechnical studies would be required prior to determining further action on this issue.

TABLE 11 Cont'd

Local Government	Issue/Concern	Response/Outcome	Status
City of Surrey	TMEP alignment through the Vesta development site.	Trans Mountain is discussing potential opportunities to adjust the pipeline alignment through the Vesta development site with Vesta Properties and the City of Surrey. Further discussion will take place at future TWG and SWG meetings in Q4 2017.	In progress. Trans Mountain has finalized alignment through the Vesta property, which will be shared with the City at a future meeting. The new alignment will not impact the Traffic Management Plan.
City of Surrey	The City of Surrey identified a potential conflict with Trans Mountain pipeline alignment at a new sanitation pump station proposed at 182a Street.	Future TWG agenda topic.	In progress. Topic to be discussed at future TWG meeting.
City of Surrey	The compensation area near the Golden Ears Connector must be maintained for 5 years by the BC MoTI.	Topic is on the agenda at a SWG meeting on September 26, 2017. The outcome will be reported in the next Condition 49 Report Update.	In progress. As noted in Condition 49 Report Update No. 3, this issue is still outstanding. Compensation sites were discussed during previous TWG meetings; however, no resolution has been reached. Trans Mountain will continue to report on progress in future Condition 49 Report Updates. Trans Mountain and its Contractor will send the City of Surrey a summary of locations. Trans Mountain will work with the City to determine the land values.
City of Surrey	Staging areas should be discussed through TWGs.	Trans Mountain agrees. Topic was discussed at TWG Meeting on September 12, 2017. Topic will continue to be discussed at future TWG and SWG meetings.	In progress. This will be discussed in more detail at a future TWG and SWG meetings. Trans Mountain and its Contractor will continue to work with the City to address concerns in relation to construction and TWS on City-owned lands.
City of Surrey	City is interested in sediment control. City of Surrey does not allow direct discharge into Municipal drainage system. City would need to be notified should there be a sediment release during construction.	Topic was discussed at the SWG meeting on September 26, 2017. Sediment control is covered by EMPs; however, location-specific sediment control plans are in development and will be discussed in more detail at future TWG SWG meetings.	In progress. Trans Mountain expects to have location-specific sediment control plans prepared by its Contractor. This will be discussed in more detail at future TWG and SWG meetings.
City of Surrey	The City would like to see efficient and effective information flow between Contractors, TMEP and the City during construction	Trans Mountain agrees it is important to have an effective flow of information during construction.	In progress. Topic was discussed at a TWG meeting on October 25, 2017 and the group agreed to continue discussion about communications between the City of Surrey, Trans Mountain and its Contractors in future TWGs/SWGs.
District of Clearwater	District requested extension of water main from Grizzly Heights subdivision. An 800-m extension would provide potable water and fire suppression for the camp. The extension would be a legacy project for the District.	Request has been forwarded to Trans Mountain. Topic for future TWG once detailed camp planning is underway.	In progress.
District of Hope	Safety and emergency response. The District is interested in a coordinator exercise with all agencies. District of Hope requested a discussion about mutual aid agreement due to the impact that construction could potentially have on emergency services in the District.	In addition to sharing the final site-specific ERP with the District, Trans Mountain will invite the District of Hope to participate in future site-specific emergency exercises for the TMEP. Trans Mountain offered a "Construction 101" presentation to the District's emergency planners and fire department. Trans Mountain to continue discussions on emergency management outside of TWG.	Complete.
District of Hope	Hazard assessment for Hope Creek.	Topic was discussed at a TWG meeting on March 7, 2018. Trans Mountain to follow-up. Future TWG agenda topic.	In progress. Topic for future TWG meeting.
District of Hope	The District would like to see a community-specific traffic plan, including any signage requirements that may require a permit.	Topic was discussed at a TWG meeting on March 7, 2018. Future TWG agenda topic for Q2 – Q3 2018.	Complete. Trans Mountain will develop a community-specific traffic plan which includes signage requirements. Trans Mountain will comply with the District's signage bylaws. The Traffic Management Plan will be shared when available.
District of Hope	Stakeholder interests and concerns and ensuring mayor and council are kept updated on construction plans.	Communication and Notification Plan will be the topic of a future TWG meeting.	In progress. Topic for future TWG meetings.
District of Hope	Interested in coordinating District's operation plans (sanitary main project) with Trans Mountain construction plans.	Trans Mountain appreciates being provided with information regarding District projects to coordinate timing and minimize conflicts.	In progress. Topic for future TWG meetings.
District of Hope	Construction vehicles using Othello Road and impact to local traffic if Nestlé's trucks need to re-route to accommodate.	Trans Mountain acknowledges there will be an overall increase to local traffic due to construction. Trans Mountain is developing a Traffic Management Plan, which will also include mitigation measures. This will be a topic at a future TWG meeting. Topic was discussed at a TWG Meeting on May 16, 2017	In progress. Traffic management will be a topic for future TWG meetings.
District of Hope	District request for consideration of cemetery visitors when construction around Tract 1979, which adjoins a local cemetery.	Trans Mountain confirmed that construction should not impact access to the cemetery. Trans Mountain adds this concern to the Rolling Action Plan for consideration as the Communications and Notification Plan is developed.	Complete.

TABLE 11 Cont'd

Local Government	Issue/Concern	Response/Outcome	Status
District of Hope	In lieu of formalized approach for crossing approvals, District of Hope to discuss approach to crossings (utility, road and watercourse) and confirm with Trans Mountain.	Future TWG agenda topic Q4 2017 – Q1 2018.	In progress. Topic for future TWG meetings. Trans Mountain is waiting for the District to provide input regarding its approach.
FVRD	Permitting. FVRD requested Trans Mountain apply for a temporary site permit for the Laidlaw Temporary Worksite. FVRD to provide TMEP with the proposed revised draft of the Good Neighbor Policy related to noise disturbance.	Topic was discussed at a meeting on December 8, 2017. TMEP will work with the Contractor and the FVRD to apply for this permit. This topic was further discussed at a TWG meeting on March 8, 2018; outcomes of this discussion will be included in the next Condition 49 Report Update.	Complete. Trans Mountain provided a permitting closure package to the FVRD on September 27, 2018.
FVRD	Permitting.	Permitting was discussed at a TWG meeting on March 8, 2018. The FVRD will provide Trans Mountain with information regarding the permits required for the Laidlaw Temporary Worksite, the revised Good Neighbour Policy related to noise disturbance and if pipeline and valve construction activities will require permits.	Complete. Trans Mountain provided a permitting closure package to the FVRD on September 27, 2018.
FVRD	Protest activity and the potential impact to FVRD's ability to complete its work, and keeping elected officials informed through regular updates.	Trans Mountain understands community concerns with regards to security. Trans Mountain has developed detailed security plans and is working with local enforcement agencies.	Complete.
FVRD	Authority and jurisdiction with respect to permitting. FVRD noted time is required to assess the various permits that would be required for a worker accommodation camp such as earth works, potable water, waste generation, as well as any temporary-use permits that may be required.	Trans Mountain confirmed intent to comply with all necessary local and regional permitting requirements to the extent practicable. Trans Mountain confirmed that once the GCCs for each spread are announced, a meeting would be arranged with the FVRD to discuss required permitting.	Complete. The GCCs for Spread 5B and 6 have been introduced to the FVRD. Issues and concerns regarding authority and jurisdiction were discussed at a SWG permitting meeting. Trans Mountain confirmed approach to permitting within the FVRD through the submission of a permitting closure package on September 27, 2018.
Metro Vancouver	Metro Vancouver would like to come to an agreement on crossing agreements prior to construction of the first crossing (expected in 2018).	Topic was discussed at several TWGs including most recently on October 25, 2017 and November 29, 2017. Trans Mountain has the crossing agreement based on feedback from Metro Vancouver. Metro Vancouver will complete additional review and provide comment.	In progress. Trans Mountain issued first set of drawings in December 2018, which included all deliverables with packages including access plans and geotechnical drawings. Trans Mountain will stagger submissions of packages. A follow-up workshop will be organized to discuss packages and any required submission changes.
Metro Vancouver	Review and discuss crossing drawings.	The TWG decided an in-person session to review documents and address concerns would be appropriate and efficient. Metro Vancouver agrees but notes unofficial technical agreement only at the SWG. Executive approval still required on crossing agreements.	In progress. Once Metro Vancouver has reviewed the packages, a follow-up workshop will be organized to discuss packages and any required submission changes.
Metro Vancouver	Metro Vancouver is planning a transportation hub in United Boulevard area and the construction timing may overlap.	Topic for a future TWG or SWG meetings.	In progress.
Metro Vancouver	Metro Vancouver is concerned about the Lake City interceptor, which is proximal to TMEP.	Topic for a future TWG or SWG meetings.	In progress. Topic for future TWG meetings.
Metro Vancouver	Design of the pipeline has not taken adequately into consideration seismic hazards.	Topic for future TWG or SWG meetings. Trans Mountain will recognize all seismic hazard areas along the entire TMEP alignment including within the Metro Vancouver and will design and construct the pipeline in accordance with the BC Building Code and National Building Code of Canada requirements for an earthquake with a 1:2475 annual probability of exceedance. Furthermore, Trans Mountain will adopt proven materials and undertake design in accordance with Canadian Standards Association Z662, Oil and Gas Pipeline Systems. Trans Mountain is committed to meeting NEB Condition 68 – Seismic reports – liquefaction potential, NEB Condition 69 – Fault studies.	In progress. Trans Mountain willing to provide additional information on this topic and/or meet to discuss at Metro Vancouver's request.
Metro Vancouver	Current construction schedule may impact concurrent solid waste construction projects in Metro Vancouver.	Trans Mountain continues to engage with stakeholders around multiple aspects of the proposed Project to share information and seek input to TMEP detailed construction plans to minimize impact to neighbours during construction.	In progress. Ongoing topic of discussion at future TWG or SWG meetings.
Village of Valemout	Permits: Trans Mountain will require a Development Permit for Development Permit Areas to ensure protection of the natural environment, enable safe development in areas which may be subject to wildfire hazards, and establish form and character of commercial and multi-family development. The proposed Utility Complex may require a Zoning Bylaw Amendment or Temporary Use Permit. Construction camps/worker accommodation, offices, warehouses and stock yards will require a Zoning Bylaw Amendment or Temporary Use Permit. Building permit requirements.	Conversation will continue at future TWG meetings in Q4 2017 or Q1 2018. A Temporary Use Permit was issued on September 12, 2017 by the Village of Valemout for the camp location. Topic was discussed at a TWG Meeting on July 19, 2017 followed by a site visit to the proposed work camp with the Village of Valemout on July 25, 2017 to discuss further details of utility services and opportunities available. Trans Mountain confirmed the permit application for temporary use of the airport is no longer required. Site 1 (stockpile site) will require a permit and Trans Mountain will work with the Regional District of Fraser Fort George on this process. Trans Mountain will work directly with the Village of Valemout on the permit process for the workforce camp. The Regional District has no concerns about permit process at this time. Permitting will be a topic for future TWG and SWG meetings, as required.	In progress. Since the progress updated in the previous Consultation 49 Report Update No. 3, Trans Mountain submitted a letter of intent to the Village of Valemout to set out plans to proceed with planning and development approvals. Topic with continue to be addressed at future TWG and SWG meetings.
Regional District of Fraser Fort George	Permit requirements within the District of Fraser Fort George	Trans Mountain is working with the District on permitting requirements to construct within its jurisdiction.	In Progress.

TABLE 11 Cont'd

Local Government	Issue/Concern	Response/Outcome	Status
TNRD	Blackpool: construction timing is related to community park development (community benefit project). Requires coordination for grant purposes.	Initial construction schedule provided in February 2017. Updates will be required.	In progress. Updated schedule will be provided as available.
TNRD	Concern about camp water requirements and waste management plans.	Topic for future TWG meeting once camp locations has been confirmed. Topic was discussed at a TWG Meeting on June 28, 2017. Trans Mountain confirmed detailed waste management plans will be completed by Contractors. Ongoing topic for future TWG meetings during permitting process.	In progress. Plans will be developed by camp contractors in accordance with permitting requirements.
Township of Langley	Storm sewer east of 199B Street.	Trans Mountain and to provide a crossing drawing for storm sewer right-of-way east of 199B Street. Discussed Storm Sewer East of 199B at a TWG meeting on October 3, 2017. Trans Mountain sent Township of Langley revised drawings with updated crossing list (Jan. 2018).	In progress. Drawings will be updated with depth once the utility program (potholing) is complete. Drawings will be submitted with crossing applications.
Township of Langley	The Township has concerns with construction access at 224 Street including hauling as this is not a standard road and will not accommodate heavy equipment vehicles. Re-construction will likely be required post-construction.	Topic was discussed at TWG on October 3, 2017. At 224 Street, the string will be underneath the road on rollers and a temporary bridge will be constructed overtop. This method will maintain access during construction. Trans Mountain noted this property is being considered as possible laydown area and plan on accessing this off 224 Street. Trans Mountain will complete an initial road access pre- and post-construction. The Township would like this written into the highway-use permit.	Complete.
Township of Langley	The Township is concerned about construction impacts to Ziegler Trail and would like Trans Mountain to look into alternative path and notification to users.	Trans Mountain to consider an alternative pedestrian path at Ziegler Trail. There may be trail use restrictions during construction. Trans Mountain will look at various options to reduce impact.	In Progress.
Township of Langley	The Township raised concern about noise disrupting residents during construction.	Trans Mountain and the Township discussed the site-specific noise mitigation plan for Salmon River HDD at the November 22, 2017 TWG meeting. The Township is concerned about noise and impact to residents. Discussion will continue related to hours of work, notifications and complaints management process through TWGs. Trans Mountain will share the TMEP Communication and Notification Plan and arrange a SWG meeting to discuss the Plan. Trans Mountain will consider specific mitigation measures to reduce noise and impacts to residents. A plan for a noise variance during HDD activities will be provided to the Township. In addition, Condition 74 requires site-specific HDD Noise Management Plans to be filed 3 months prior to the commencement of construction of each HDD crossing.	Complete. The Communications and Notification Plan was shared in advance of a meeting on October 30, 2018. The goal of the Plan is to minimize complaints and issues by being proactive and using both traditional and digital means of communication. In areas where noise is of a special concern (e.g., HDD activities); Trans Mountain will use an enhanced notification process that may include providing alternative accommodation for neighbours directly impacted by noise from HDD. The Township had no issues or concerns with the information presented. Further discussion about noise mitigation measures will be discussed through TWGs.
Township of Langley	The Township did not support any of the western alignments through Redwoods Golf Course and asked Trans Mountain to develop an eastern route. The Township requested that 88 th Avenue be widened/upgrade by TMEP during construction. Township indicated it will agree to the eastern alignment through the Redwoods Golf course only if this condition is met.	Trans Mountain has been working with stakeholders including the Township of Langley and Redwoods Golf Course management to adjust the pipeline alignment through the golf course to minimize impacts to both the golf course and its neighbours. Trans Mountain developed and refined an eastern alignment through the golf course to minimize disturbance to existing fairways and greens. The routing refinement was shared with the Township in 2016. Topic was discussed at TWG meetings on May 1, 2017 and May 24, 2017 in conjunction with the Township's request for Trans Mountain to widen/upgrade 88 th Avenue. The Township explained that the road is a major trucking route the Township has plans to expand in the future to a four-lane configuration. Township is concerned the current proposed TMEP alignment through the Redwoods Golf Course along 88 th Avenue would result in delays and additional costs due to the statutory right-of-way and 30-m prescription (or safety) zone. Township would require 4 m from the existing property line into the golf course for the road allowance. Township suggested TMEP could consider moving the alignment further into the golf course or changing the route to avoid any future conflicts with the road expansion to a four-lane configuration, or if the current alignment is pursued, Township requests TMEP complete the widening and upgrade of this segment of the road. The Township is not prepared to sign any agreements for land use unless this concern is addressed. At the TWG meeting on August 28, 2017, Trans Mountain advised it would not be able to complete a review of the Township's request to widen/upgrade a portion of 88 th Avenue until after the NEB route hearings in the area are complete.	In progress. As noted in Condition 49 Report Update No. 3, discussions on this topic are underway. Trans Mountain anticipates providing an update in the next Condition 49 Report Update.

TABLE 11 Cont'd

Local Government	Issue/Concern	Response/Outcome	Status
Township of Langley	Site-specific mitigation measures regarding three Municipal parks affected by the TMEP.	<p>This topic was discussed at TWG Meeting on May 1, 2017. The Township advised their preference that construction method for two creek crossings be trenchless due to erosion issues.</p> <p>The TMEP Project footprint crosses three Township of Langley parks:</p> <ul style="list-style-type: none"> • Unnamed (KP 1136 to KP 1136.8) Spread 6 • Ponder Park (KP 1141.1 to KP 1141.9); and • Hope Redwoods Park (KP 1150.85 to KP 1151). <p>Hope Redwoods Park will be constructed with a HDD and no disturbance will occur in the Park. The existing TMPL right-of-way crosses through Unnamed and Ponder Parks. The pipeline in these areas will be constructed using an open-cut method that is adjacent to the existing right-of-way; resulting in a wider permanent easement in the parks. The permanent easement will be seeded with low growing grasses and trees will be planted in the working space. Trans Mountain welcomes input from the Township of Langley regarding the plant species they would like to see in the parks.</p> <p>Discussions on this topic and construction methodology will continue at future TWG and SWG meetings in Q4 2017 – Q1 2018.</p>	<p>Complete.</p> <p>As noted in Condition 49 Report Update No. 3, Trans Mountain provided the Township with the tree management plan along with an updated tree count for Spread 6 at a previous TWG meeting.</p> <p>Construction methodology for Nathan and West Creeks are complete. A reclamation plan is still outstanding and will be a topic at a future TWG meeting.</p>
Township of Langley	The need for, and costs of, additional inspection to ensure potential issues related to erosion control and sedimentation is managed during construction.	Trans Mountain is developing erosion and sedimentation control plans. This topic will be included on future TWG and SWG agendas in Q4 2017 – Q1 2018.	<p>Complete.</p> <p>Trans Mountain has several commitments related to environmental monitoring and oversight, including one made to the Township regarding erosion control and sedimentation.</p> <p>At a TWG meeting on October 30, 2018, Trans Mountain confirmed an inspector will be hired part-time for TMEP construction. Once the construction schedule is available, the Township can highlight areas of concern and develop a proposal for third-party inspection.</p>
Township of Langley	<p>Crossing Letters:</p> <ul style="list-style-type: none"> • The Township of Langley requested detailed design drawings of the proposed pipeline at each road and utility right-of-way crossing, with construction not to take place until the Township approves the design drawings. The Township requested that TMEP work with the Township to develop appropriate pipeline depth through the Township and to seek approval adjacent to and under the Township's infrastructure. • The Township would like to see elevations plus depth of utilities TMEP will be crossing on design drawings including drainage infrastructure. The Township is concerned with the depth of the pipeline at locations of existing and future water, sanitary sewer and storm sewer pipes. • The Contractor should be required to pre-expose utilities to confirm depth and location, submit videos of the inside of storm and sanitary sewers after construction to confirm they are not damaged and be required to take appropriate remedial action if there is damage. The Township noted that review of crossing documents does not constitute crossing approval or consent. 	<p>Crossing Letters and construction methods are being discussed through TWGs.</p> <p>Trans Mountain has committed to work with the Township to develop appropriate pipeline depths through the Township and to seek approval adjacent to and under the Township's infrastructure. Design drawings were provided to the Township of Langley and discussed at a TWG meeting on May 24, 2017.</p> <p>The Township shared some of their comments with Trans Mountain and its Contractor. There may be further comments when the detailed route is approved.</p> <p>Trans Mountain will continue discussions related to pipeline depth through TWGs and Utility Crossing SWG meetings. Pipeline depth to be finalized following potholing (utility locate) program scheduled for Q4 2017.</p> <p>Video inspection is anticipated pre- and post-construction for the Township's Municipal infrastructure. Trans Mountain and Contractors will use a utility locate program in Q4 2017 to obtain more detailed information and will continue to share information with the Township at future TWG and SWG meetings.</p>	<p>On hold.</p> <p>Trans Mountain submitted draft crossing agreements to Township. Township is waiting for detailed route hearings and Trans Mountain's CPCN to be re-instated before proceeding.</p>
Township of Langley	The Township requested that detailed design considerations for crossings be formalized in a crossing agreement.	<p>While Municipal costs of working around the existing TMPL and TMEP are outside the TWG scope, at the Township's request, the crossing agreement for the expanded TMEP will be part of discussion through TWGs.</p> <p>The Township is working on a draft crossing agreement and will share it with Trans Mountain in Q4 2017.</p>	<p>On hold.</p> <p>Trans Mountain submitted draft crossing agreements to Township. Township is waiting for detailed route hearings and Trans Mountain's CPCN to be re-instated before proceeding.</p>
Township of Langley	<p>The Township notes that Trans Mountain committed that where minor roads are crossed that may affect established community use/access routes; Trans Mountain will complete open cut crossings within 1 day, where practical.</p> <p>The Township requested that roads within the Township are crossed trenchless.</p>	<p>This topic was discussed at a TWG meeting on May 1, July 24 and August 28, 2017. Trans Mountain is reviewing its position in regard to commitments to completing trenchless crossings on Township's streets.</p> <p>Trans Mountain's approach to road crossings is captured in the NEB Recommendation Report, page 71, under 6.1.8 Infrastructure Crossings: "Crossings would be individually assessed to determine the most appropriate crossing method and design. Crossing of highways, high-use gravel roads and railways would be constructed using a bored crossing method, which would have a minimum effect on traffic or interruption to communication or utility services. Crossings of low-use gravel roads, minor roads and trails would be completed by conventional open-cut crossings."</p> <p>Where the pipeline alignment runs parallel to a road, the only viable construction option is open cut.</p> <p>Trans Mountain to complete traffic counts to determine road crossing methods. Topic will continue to be discussed in future TWG and SWG meetings in Q4 2017.</p>	<p>In Progress.</p> <p>As noted in Condition 49 Report Update No. 3, traffic counts and methodology were reviewed with Township during previous TWG meetings. Township is concerned with construction impacts to residents and road users on 217A Street and 99A Avenue. Discussions will continue on this topic. Further discussion is required at a future TWG meeting.</p>

TABLE 11 Cont'd

Local Government	Issue/Concern	Response/Outcome	Status
Township of Langley	<p>Hydrostatic testing:</p> <ul style="list-style-type: none"> The Township's water system is not to be used as a source of water for pipeline testing, unless otherwise approved by the Township. The Township requested it be notified of discharge locations and schedules. The Township requested a copy of the Hydrostatic Testing Plan prior to submission. The Township requested that Trans Mountain instruct its Contractor to forward copies of Water Withdrawal and Discharge Forms to the Township, as the discharge could impact the Township's drainage systems. 	<p>The Hydrostatic Testing Plan (NEB Condition 113) will be filed 3 months prior to commencing pressure testing of any Project component and will include the site-specific mitigation measures to be implemented at the water withdrawal and discharge locations.</p> <p>Discussed at May 24, 2017 TWG meeting:</p> <ul style="list-style-type: none"> Trans Mountain clarified that water withdrawal for the hydro test will be from the Fraser River. Contractor may need to tap into Municipal water sources but those will be relatively small volumes Trans Mountain will share Hydrostatic Testing Plan when available (anticipated in Q4 2017) <p>Discussion on this topic will continue through SWG meetings.</p>	Complete.
Township of Langley	<p>Municipal bylaw compliance and permitting (including highway and noise).</p> <p>The Township would like to confirm that Contractors will apply for highway use and noise control permits.</p> <p>Section 254 of the NEB Decision states: "Trans Mountain has committed to comply with, or seek variance from, all municipal bylaws, including those involving noise."</p>	<p>Approach discussed at TWG meetings on May 1 and May 24, 2017 and a list of applicable permits/bylaws was reviewed. Trans Mountain confirmed intent to comply with all applicable local and Regional permitting requirements where practicable. Permits will be applied for by the Contactor responsible for each spread and variance will be sought where it is unable to comply.</p> <p>Trans Mountain met with the Township on July 19, 2017 to review preliminary Traffic Management Plans through a SWG. Trans Mountain confirms there will be a complaints management process in place and an emergency contact will be made available 24/7 during construction.</p> <p>Ongoing topic for discussion at future TWG and SWG meetings.</p>	<p>Complete.</p> <p>Trans Mountain has several commitments related to noise and will be developing noise management plans for HDD installations. Trans Mountain submitted a permitting closure package to the Township on August 3, 2018, which outlines necessary permits for constructing within the Township along with agreed upon processing timeframes.</p>
Township of Langley	Trans Mountain will work with the Township to establish days and hours of work.	<p>Trans Mountain discussed hours of work at the TWG meeting on July 24. There are three locations in Spread 7 where variance will be required. Trans Mountain plans to work day and night shifts in those locations and will require variance from the Township's noise bylaw.</p> <p>Discuss noise mitigation plan through TWGs and SWGs. Work with the Township to determine where variances are requested and/or required (e.g., HDD). Continue discussion in Permitting SWG. Trans Mountain to address this in the permitting process.</p>	<p>Complete.</p> <p>Trans Mountain submitted a permitting closure package on August 3, 2018, which outlines necessary permits for constructing within the Township along with agreed upon processing timeframes.</p>
Township of Langley	<p>The Township requested to be consulted on preparation of Traffic Management Plans.</p> <p>The Township requests that TMEP consult with the Township in advance of finalizing Traffic and Access Management Plans (and traffic mitigation measures) in Langley.</p>	Topic was discussed at a TWG meeting on July 19, 2017; the Contractor reviewed Spread 7. Trans Mountain will continue working with the Township on Traffic Management Plans through future SWG group meetings.	<p>In progress.</p> <p>As noted in Condition 49 Report Update No. 3, Traffic Management Plans have been discussed during previous TWG meetings. Township has provided specific feedback. Finalized Traffic Management Plans to be shared with the Township at a future TWG meeting.</p>
Township of Langley	<p>The Township requests an opportunity to provide input towards communication plans related to activities that impact normal traffic flow (pedestrian, cyclist and vehicles).</p> <ul style="list-style-type: none"> The Township would like to see notice signs posted 48-hours before construction where traffic is concerned. The Township would like TMEP to review the Municipality's highways expectations guideline for traffic control available on the Township's website. <p>Highway-Use Permits will contain Township traffic management requirements.</p>	<p>Trans Mountain has developed a Communication and Notification Plan and provided an overview of the plan at July 24, 2017 TWG meeting.</p> <p>Trans Mountain will set up a SWG meeting discuss Communication and Notification Plan in Q4 2017.</p>	<p>Complete.</p> <p>Trans Mountain met with the Township on October 30, 2018 and reviewed the Communication and Notification Plan. The Township noted that not all residents are digitally savvy. Trans Mountain is taking this into consideration and the Communication and Notification Plan has provisions for non-digital methods of communication as needed such as door-to-door outreach for directly-impacted residents.</p> <p>Township asked for confirmation of a direct contact for issues concerns and coordination. Trans Mountain confirmed the Community Liaison will continue to be the main point of contact.</p>
Township of Langley	The Township requested Trans Mountain to develop a discharge plan to mitigate drainage impacts, including erosion control and sediment management for the construction work.	<p>Further discussion regarding drainage through TWGs and SWGs.</p> <p>Trans Mountain and its Contractor will complete a utility locate program by Q1 2018 to confirm missing elevations on crossing drawings. Trans Mountain is developing erosion and sedimentation control plans.</p>	<p>Complete.</p> <p>As noted in Condition 49 Report Update No. 3, erosion control plans will be developed prior to construction. If the route change is approved by the NEB, the Township is in agreement with the proposed plan. If the route change is not accepted, Trans Mountain will develop a steep slope plan to be submitted to the Township for review. Should the latter occur and is still considered an issue; Trans Mountain will add this to a future Condition 49 Report Update.</p>
Township of Langley	Township of Langley is concerned about erosion control and drainage into the lands downslope of Ponder Park. Township asked that large evergreen trees located in the TMEP clearing footprint be retained as much as possible. Township indicated there is a foot bridge at the bottom of the slope in the middle of the right-of-way that has historical value that would be affected.	Trans Mountain met with Township of Langley on-site in Ponder Park to review drainage on the right-of-way as well as access for construction.	<p>Complete.</p> <p>To control erosion, TMEP will use diversion berms, water will be diverted into viable vegetation according to standard practice for pipelines. Trans Mountain is developing a site-specific reclamation and replanting plan and will consult Township on the plan. The stream crossing via isolated method would be completed in the fish window. Trans Mountain will develop site-specific plans and drawings.</p>

TABLE 11 Cont'd

Local Government	Issue/Concern	Response/Outcome	Status
Township of Langley	<p>The Township requests that Trans Mountain identifies instances such as noise disruption, and seeks stakeholder input and subsequently obtains relevant exemptions, and providing forward notification to affected residents and/or businesses.</p> <p>The Township requests TMEP work with the Township to develop a mitigation plan providing an immediate response to noise complaints. The Township also requests that TMEP instruct its Contractors to comply with Langley's Noise Control Bylaw.</p>	<p>Approach discussed at TWG meeting on May 24, 2017 and list of applicable permits/bylaws have been reviewed. Trans Mountain will submit applications to demonstrate compliance with applicable bylaws and will seek variance where unable to comply.</p> <p>Trans Mountain will have a noise mitigation plan and Communication and Notification Plan in place. Trans Mountain is required to submit a noise mitigation plan to the NEB for HDD installations. The Plan will need to be filed 90 days prior to work beginning. Appropriate steps will be taken to mitigate noise. One example is a temporary sound wall using stacked containers. All of this will be based on the noise studies.</p> <p>Continue discussion regarding hours of work, notifications and complaints management process through TWGs.</p> <p>Trans Mountain to provide areas requested for noise variances to accommodate business operations in the Port Kells area (non-residential areas).</p> <p>Trans Mountain to make application to the Township under noise exemption policy where noise variances are required for HDD and major trenchless operations (24/7 work). Noise mitigation plans will be implemented and supplied to the Township prior to construction.</p>	<p>Complete.</p> <p>Trans Mountain met with the Township on October 30, 2018 and reviewed the Communication and Notification Plan. The Township noted that not all residents are digitally savvy. Trans Mountain is taking this into consideration and the communication and notification plan has provisions for non-digital methods of communication as needed such as door-to-door outreach for directly-impacted residents.</p> <p>Township asked for confirmation of a direct contact for issues concerns and coordination. Trans Mountain confirmed the Community Liaison will continue to be the main point of contact. Trans Mountain will have a contact available 24/7 during HDD work.</p>

TABLE 12
UPDATE ON ISSUES AND CONCERNS RAISED BY LOCAL GOVERNMENTS IN ALBERTA
AND ADDRESSED IN TECHNICAL WORKING GROUP MEETINGS HELD BETWEEN OCTOBER 1, 2018 AND MARCH 31, 2019

Municipality	Issue/Concern	Response/Outcome	Status
City of Edmonton	Crossings and sharing of Risk Management Plan.	Topic for information letter and future TWG meeting.	In progress. Topic for future TWG meeting. City requested detailed crossing drawings. Trans Mountain will provide additional detailed drawings as requested.
Strathcona County	Road crossings.	Topic for a future TWG meeting.	In progress. As noted in Condition 49 Report Update 3, road crossings, road-use agreements and permit applications were discussed in previous TWG meetings. A permitting closure package was submitted to the County on August 17, 2018. Crossing agreements have yet to be finalized. Topic for future TWG meetings.
Strathcona County	Strathcona County is interested in the planned procedure for notifying impacted residents. The County suggested a letter be sent to residents adjacent to the Transportation and Utilities Corridor once construction is ready to commence. Such a letter should include contact information.	Trans Mountain explained the role of community liaisons and once in place, their contact information will be made available. Construction information and contact information will also be available online at www.transmountain.com . Trans Mountain has developed a Communication and Notification Plan with the intention to share the plan with the County when available.	In progress. Trans Mountain will share the Communication and Notification Plan when available. The topic will be discussed at future TWG meetings.
Town of Edson	Project scope and construction timing.	Topic for a future TWG meeting, if a TWG is formed. The Town has indicated to Trans Mountain that it is open to establishing a TWG, if required, closer to construction.	In progress. As noted in Condition 49 Report Update No. 3, the Town indicated it does not have a need for regular TWG meetings. Trans Mountain will provide a fulsome update upon receipt of CPCN and updated Project plans. Meetings on-going on an as needed basis.
Town of Edson	Preservation of a walking path and trees along the existing TMPL for about 600 m, located west of Edson Drive.	Topic for a future TWG meeting, if a TWG is formed. The Town has indicated to Trans Mountain that it is open to establishing a TWG, if required, closer to construction.	Complete.
Town of Edson	Crossing agreements and road-use permits.	Topic for a future TWG meeting, if a TWG is formed. The Town has indicated to Trans Mountain that it is open to establishing a TWG, if required, closer to construction.	Complete. As reported in Condition 49 Report Update No. 3, Trans Mountain discussed permitting with the Town at a previous SWG meeting. Trans Mountain submitted a permitting closure package on May 1, 2018.
Town of Hinton	Requested that Trans Mountain make a presentation to its Regional emergency responders at a regular quarterly meeting closer to the commencement of pipeline construction.	Trans Mountain agrees and will follow-up closer to construction to coordinate with the Town of Hinton.	In progress.
Town of Hinton	The Town would like to know when to anticipate workforce presence in the community. Local accommodations often have minimal availability especially during the summer.	Trans Mountain will share more information regarding anticipated Project workforce in the community once the Project schedule is available.	In progress.
Town of Stony Plain	Crossing agreements and road-use permits.	Topic for a future TWG meeting, if a TWG is formed.	Complete. As noted in Condition 49 Update Report No. 3, crossing agreements with the Town are complete. Permitting was discussed at a previous SWG meeting. Trans Mountain submitted a permitting closure package to the Town on May 3, 2018.
Yellowhead County	County wants to ensure there will be resident notifications regarding noise impacts.	The topic will be discussed at a future TWG meeting. Trans Mountain also described the communications platform and tools in place to communicate with residents, including a Project website with a community page that will contain updates to share with residents in the future, twitter and Facebook. The Project also has an information line and email to field any resident questions.	In progress.
Yellowhead County	Yellowhead County asked that as construction gets closer to commencement that Trans Mountain provides a detailed schedule, so any potential issues or conflicts can be addressed early and proactively.	Trans Mountain will pursue the development permit through Alberta Transportation, which will establish any requirements for highway access and site egress.	Complete. Trans Mountain submitted a permitting closure package on May 24, 2018. With feedback received from the County regarding jurisdiction, Trans Mountain submitted a Letter of Intent on August 22, 2018.

4.3 New Issues and Concerns

Tables 13 and 14 summarize new issues and concerns raised by local governments during this reporting period.

TABLE 13

**NEW ISSUES AND CONCERNS RAISED BY LOCAL GOVERNMENTS IN BRITISH COLUMBIA
 BETWEEN OCTOBER 1, 2018 AND MARCH 31, 2019**

Local Government	Issue/Concern	Response/Outcome
City of Coquitlam	At a TWG meeting on October 10, 2018, City asked if dewatering applies to the Project footprint in Spread 7. City noted that Trans Mountain must demonstrate that contaminated water will not be returned to creeks.	Complete. Trans Mountain confirmed it will have a water treatment facility for processing and water will not be returned to creeks. Trans Mountain intends to dewater pit only and not draw down to the water table. Trans Mountain will have the water treated for sediment; however, if it is contaminated it will be taken to a water treatment facility for treatment. Trans Mountain noted surface water is typically the largest issue as it can fill trenches. As well, NEB Condition 113 outlines requirements for water withdrawal and discharge sites.
City of Coquitlam	City noted concerns with Maquabeak Park access during construction.	In progress. Trans Mountain confirmed construction will not impact park. Trans Mountain has requested access through the park via Metro Vancouver. Permission has not yet been granted. Trans Mountain does not expect to impact traffic in park.
TNRD	TNRD is working on a new Official Community Plan, which will cover three Electoral Areas from Blue River to Louis Creek. TNRD would like to better understand Trans Mountain's construction and temporary housing plans in the North Thompson Valley	Complete. Trans Mountain continues ongoing engagement with the TNRD regarding community planning. Our Worker Accommodation Strategy and Socio-Economic Monitoring Reports will help address any issues.

TABLE 14

**NEW ISSUES AND CONCERNS RAISED BY LOCAL GOVERNMENTS IN ALBERTA
BETWEEN OCTOBER 1, 2018 AND MARCH 31, 2019**

Local Government	Issue/Concern	Response/Outcome
City of Spruce Grove	City requested Trans Mountain's tree management plan.	Complete. City confirmed that the Tree Plan provided by Trans Mountain in the summer of 2018 has been approved.
City of Spruce Grove	Coordination regarding City of Spruce Grove environmental planning.	In progress. Trans Mountain will share information in writing and through meetings as required.
Town of Hinton	Review of tree management plan and size of trees to be replanted.	Complete. Council reviewed tree management plan. Trans Mountain confirmed size of trees to be replanted.