



**Public Engagement Summary
FOR THE
CHILLIWACK ROUTE VARIANCE
APPLICATION TO AMEND EAC E17-01
TRANS MOUNTAIN EXPANSION PROJECT**

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REV 0**



TRANSMOUNTAIN

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Approach

As identified in Section 1.2.2 in Volume 3A (Filing ID A55987) of the Facilities Application, the following principles have been and will continue to be used to guide the stakeholder engagement program for the Trans Mountain Expansion Project (TMEP).

- **Accountability** – Address issues as they emerge. Trans Mountain believes that effective problem solving and mitigation strategies can be identified through engagement with stakeholders.
- **Communication** – Facilitate the involvement of stakeholders; listen and gather input, and work collaboratively to resolve concerns. Use multiple channels for communication to meet the communication needs of diverse stakeholder groups.
- **Local focus** – Seek local input and understanding of the region, its people, the environment and reflect local values and attitudes in communications with stakeholders.
- **Mutual benefit** – Seek solutions to challenges that result in shared benefits for all interests.
- **Relationship building** – Instill confidence in the public by remaining committed to being a good neighbour with the goal of establishing and maintaining positive, long-term relationships with stakeholders.
- **Respect** – Respect individual values, recognize the legitimacy of concerns and value the stakeholder input.
- **Responsiveness** – Use input and where feasible, provide timely feedback to stakeholders on how their input has affected plans and decisions.
- **Shared process** – Design the TMEP Engagement Program based on public input, taking into consideration various stakeholder group interests, knowledge levels, time and preferred method of engagement.
- **Sustainability** – Report on a triple bottom line of social, environmental and economic concerns raised, and identify how these concerns might be addressed.
- **Timeliness** – Initiate engagement processes as early as possible to provide adequate time for stakeholders to assess information and provide input.
- **Transparency** – Commitments made to stakeholders will be documented and carried out. When Trans Mountain is unable to act on input, an explanation will be provided.

The Project has adopted Trans Mountain's Community Relations philosophy, as described below.

- We believe Indigenous communities, our neighbours, governments and local communities play an important role in how we conduct our business. Our success depends on earning the trust, respect and co-operation of all community members.

- We are committed to respectful, transparent and collaborative interactions with communities to develop long-term effective relationships. To honour this commitment, we participate in local communities by hosting facility open houses, providing newsletters and Project updates, making safety and public awareness presentations, and participating in community events, regulatory processes and informal meetings.

The engagement program reflects the diverse and varied interests of the communities and areas traversed by the pipeline system as well as those traversed by marine tanker traffic. Trans Mountain is committed to ongoing engagement throughout the life of the TMEP, and its robust stakeholder engagement program is designed to foster participation from the public who have an interest in the Project.

Summary of Activities

Trans Mountain has been engaging with stakeholders in the Chilliwack area since May 2012. A complete record of these engagement and communications activities related to the Chilliwack Reroute was submitted with the Canada Energy Regulator (CER) Section 21 Application (pages 12 – 17 and Appendix C). Concerns about the protection of the Sardis-Vedder aquifer were identified at that time. These concerns have continued to be identified through Technical Working Group (TWG) meetings with the local government, and communications during subsequent Project planning and regulatory processes.

A record of Project engagement and communications activities has been submitted to regulators by Trans Mountain to address the requirements of CER Condition 49 and BC EAO Condition 14.

TM has agreed to a number of Project enhancements as part of Project planning, and in response to requests from the City of Chilliwack for additional safety measures in the pipeline segment traversing the Sardis Aquifer. These additional measures are described in the April 5, 2018 Canada Energy Regulator (CER), which was formerly the National Energy Board (NEB), Route Realignment Decision, OH-001-2017 ([A91053](#)) and are summarized below.

Trans Mountain has consistently responded to the City of Chilliwack's concerns by making changes to Project planning and construction, where practical. These changes include:

- Consideration and assessment of alternate pipeline right-of-ways including alignment in BC Hydro, Highway 1 and South Sumas Road corridors.
- Agreement to treat the Sardis Aquifer construction as a watercourse crossing, including use of 14.7mm heavy wall pipe from KP 1095 to KP 1097.
- Change of construction method from horizontal directional drill (HDD) to open trench construction to increase separation between the pipe and the aquifer.
- Installation of an additional remote mainline block valve upstream of the Sardis Aquifer.
- Addition of state-of-the-art HiFi leak detection system with corresponding continuous monitoring. Includes locating TMEP as close as practical to the existing Trans Mountain pipeline through the Sardis Aquifer region to provide HiFi leak detection to both pipelines (extends 5m either side of the installation).

- Varying the depth of cover to increase separation between the pipe and the aquifer while reducing the risk of third-party strike. The average depth of cover will be between 0.9m and 1.2m.
- Installation of a marker about the pipeline to highlight the presence of the pipeline for third parties who may be completing ground disturbance activities in the vicinity.
- Development of a Noise Management Plan for all directly affected landowners within 15m of construction activities. This Plan must be submitted to the CER three months prior to the start of construction.
- Enhanced communication and engagement with residents and elected officials.

These TM commitments have been formalized through the CER OH-001-2017 proceeding as described previously and/or documented in TM communications with the City. As stated in the Conditions for the Order, *Trans Mountain must implement all of the commitments it made in the Chilliwack Realignment application or to which it otherwise committed on the record of the OH-001-2017 proceeding, unless the Board otherwise directs.*

Table A: Summary of Outstanding Concerns

Issue	Trans Mountain's Response
Concern about the protection of the Sardis-Vedder aquifer from a potential pipeline incident	Trans Mountain is committed to safety enhancements and additional communication activities through the Section 21 Hearing process as described above. These commitments have been formalized through the CER Section 21 Decision.
Request for trench liner over Sardis-Vedder Aquifer	Trans Mountain assessed the constructability and operations concerns of a proposed trench liner as requested by the City of Chilliwack. Although the insertion of a liner is technically feasible, it would impact pipeline integrity during the operation of the pipeline by interfering with cathodic protection. The proposed trench liner does not meet the CSA Z662 Standard for pipeline construction. TM and its consultants are not aware of any similar use of a pipeline trench liner within the pipeline industry. This information was communicated to the City of Chilliwack.
Request to position the Expansion Project pipeline as close to the existing TMPL as possible through the aquifer to allow the HiFi leak detection to monitor both lines.	Trans Mountain agreed to narrow the space between the two pipelines as much as possible within the constraints of safe construction and operation of the lines. The City is aware the HiFi leak detection system will provide some monitoring of the existing TMPL, but with lower sensitivity than the TMEP due to distance from the monitoring system. Both lines will be also monitored by Trans Mountain's existing leak detection program.

New Issues or Concerns

Trans Mountain has not identified any new issues or concerns related to the Chilliwack Reroute since the completion of the CER Section 21 process.

An update to BC EAO Condition 14 was filed in October 2019. No new issues regarding the Chilliwack Reroute were identified during that reporting period.

Ongoing Engagement

Trans Mountain continues to share Project information with stakeholders as construction planning progresses.

Additional engagement specifically related to the Chilliwack Reroute is not planned at this time, however information addressing outstanding concerns will be provided during future public engagement activities. Trans Mountain will continue to liaise with the City of Chilliwack to share information and plan public engagement activities regarding the Chilliwack Reroute.

Ongoing Project communications and information sources include, however are not limited to:

- Trans Mountain website and social media posts (Twitter, Facebook, YouTube, LinkedIn)
- Information phone line and email: info@transmountain.com / 1.866.514.6700
- Trans Mountain Today: e-newsletter (register online)
- Community construction e-newsletter (register online)
- Local print and digital advertising
- Mail drops and emails
- Response to media and information requests
- Briefings to elected officials and special interest groups
- In-person public engagement and construction readiness activities

The Community Liaison for Spread 6 will work with the appropriate Trans Mountain teams to address any new concerns related to the Chilliwack Reroute if identified through ongoing engagement activities.