

Attachment 2

Condition 6

Part A Version 94



Commitment Tracking Table

Trans Mountain Pipeline ULC

Table A - Version 94 - June 1, 2026

Project Stage

- Prior to Construction** To be completed prior to construction of specific facility or relevant section of pipeline
- During Construction** To be completed during construction of specific facility or relevant section of pipeline
- Post-Construction Monitoring** To be completed according to post-construction conditions
- Prior to Operations** To be completed prior to commencing operations
- Operations** To be completed after operations have commenced
- Project Lifecycle** Ongoing commitment
- No Longer Applicable** Change in project design or execution

Note: Red text indicates a change in Commitment Status or a new Commitment, from the previously filed version

Commitment Status

- Scoping** Work has not commenced
- In Progress** Work has commenced or is partially complete
- Superseded by Condition** Commitment has been superseded by NEB, BC EAO condition, legal/regulatory requirement
- Complete** Commitment has been met
- Superseded by Management Plan** Addressed by Trans Mountain Policy or plans, procedures, documents developed for Project
- Superseded by TMEP Notification Task Force Program** Addressed by the project specific Notification Task Force Program
- No Longer Applicable** Change in project design or execution
- Addressed by Construction Line List and Construction / Environmental Alignment Sheets** As indicated

Commitment ID	Team Responsible for Commitment	Commitment Made To	Commitment Description	Source(s) of Commitment	Project Stage for Implementation of Commitment	Commitment Status	Superseded Status	Superseded by Condition (x) Number	Additional Comments
81	Corporate	Robyn Allan	Trans Mountain will pay the expenses related to the debt financing for the Trans Mountain Expansion Project.	Allan R IR No. 1.06 hh	Project Lifecycle	Complete			This is a statement of fact and standard business practice, and Trans Mountain will continue to pay any applicable expenses related to TMEP debt financing in its capacity as owner.
85	Corporate	NEB	Trans Mountain will have in place a stand-alone liability policy to cover liabilities that may arise as a result of the construction activities undertaken by the Project. Third-party contractors involved in the construction of the Project will also be required to maintain their own separate insurance coverage.	NEB IR No. 1.8a	Prior to Construction	Complete			Trans Mountain is maintaining appropriate liability insurance coverage for the construction phase of the project. More broadly, Trans Mountain remains subject to the liability and financial resource requirements set out in the Canadian Energy Regulator Act and the Pipeline Financial Requirements Regulations (i.e. within the context of constructing near an active pipeline).
865	Corporate	Squamish Nation	Trans Mountain will commit to paying all claims for which it is legally responsible; this could be the case for a land-based spill from a pipeline or marine terminal incident if oil spill impacts occurred within Squamish territory.	Squamish Nation IR No. 2.15.c	Project Lifecycle	Complete	Superseded by Legal/Regulatory Requirement		Trans Mountain through Condition 121a (Filing ID C22670) filing provides the Financial Assurance Plan outlining the financial resources for the pipeline. The aspects of liability and financial requirements for now addressed in sections 136-172 of the Canadian Energy Regulator Act, as well as the associated Pipeline Financial Requirements Regulations. Trans Mountain is subject to those requirements as a federally-regulated pipeline company.
22	Emergency Management	City of Abbotsford	Trans Mountain is committed to working with the City of Abbotsford with respect to the Project and current operations to ensure the safety of the public that live, work and play near the pipeline and facilities.	City of Abbotsford IR No. 1.16c, City of Abbotsford IR No. 1.16e	Project Lifecycle	Complete	Superseded by CER Condition	14, 49	The commitment was a part of a response to the City of Abbotsford information request 1.16e relating to Trans Mountain's plans to consult with Abbotsford on its Emergency Management Program. With respect to working with the City of Abbotsford regarding the Project, this Commitment is addressed in the Condition 90 (Consultation on Improvements to Trans Mountain's Emergency Management Program) filing on May 2017 (CER Filing ID A83970) and Condition 124 (Implementing Improvements to Trans Mountain's Emergency Management Program) filing on January 25, 2023 (CER Filing ID C23003). With respect to working with the City of Abbotsford regarding current operations, this Commitment is addressed through Trans Mountain's adherence to their Emergency Management Liaison and Continuing Education standard. That standard outlines Trans Mountain's approach to proactively liaise and educate stakeholders, including first responders and the Abbotsford Fire Rescue Service (AFRS), while building collaborative working relationships. Information to be exchanged includes feedback, local knowledge and input for continual improvement of the EM Program and its elements. Trans Mountain has invited the City of Abbotsford to quarterly fire exercises, spill deployments, worst case tabletops in Puget Sound, notified them of annual updates to the emergency response plans and fire pre-plans, requested and received their feedback on the Sumas evacuation plan, provided CAERS (community awareness emergency response presentations), issued quarterly EM developed responder newsletters and engaged with them collectively with an Indigenous group.
87	Emergency Management	City of Burnaby	Trans Mountain will file the emergency management plan documents for the existing system on August 1, 2014 along with a request, pursuant to the Filing Manual, that the NEB treat them confidentially.	City Burnaby Attachment - Table 1.07.11 c)	Prior to Construction	Complete			In accordance with CER Order AO-001-MO-006-2016, Trans Mountain files with the CER annual updates of its Emergency Response Plans (ERP). Additionally, the ERPs are available to interested parties on Trans Mountain's website. Commitment addressed by Filings C06023 (2020), A99117 (2019) and A91472 (2018), Trans Mountain Annual Filing to CER Order AO-001-MO-006-2016.

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97	Emergency Management	NEB, New Democratic Party of Canada	Trans Mountain has agreed to participate and support the Scientific Advisory Committee process and is working with the Canadian Energy Pipeline Association (CEPA) and the Canadian Association of Petroleum Producers (CAPP).	NEB IR No. 1.63a, NEB IR No. 1.63b, NDP IR No. 1.1.5f Filing A3W9H8 IR 1.63 page 363/364	Prior to Operations	Complete	Superseded by CER Condition	124	Commitment addressed by Filing C23003, Condition 124, Implementing improvements to Trans Mountain's Emergency Management Program, Section 7 pg. 48.
98	Emergency Management	Province of British Columbia	As part of the Project, Trans Mountain will undertake a risk assessment and gap analysis to determine the need for additional Oil Spill Containment and Recovery (OSCAR) units and the most effective location for placement of the additional OSCARs.	Province BC IR No. 1.1.22a	Prior to Operations	Complete	Superseded by BC EAO	31	Trans Mountain through BC EAO Condition 31, has undertaken a risk assessment and gap analysis to determine the need for additional Oil Spill Containment and Recovery (OSCAR) units, trained responders and operational support and the most effective locations for placement of those resources.
101	Emergency Management	Simon Fraser University	Trans Mountain acknowledges Simon Fraser University's (SFU's) interests and concerns about consultation opportunities for the updated Emergency Management Program (EMP) for the Trans Mountain Expansion Project and will invite SFU to participate in the process such as Trans Mountain Emergency Management Program.	SFU IR No. 2.6.8	Prior to Operations	Complete	Superseded by CER Condition	90, 123	Simon Fraser University was invited to participate in Trans Mountain's Emergency Management Program as evidenced through: Condition 90 (Filing ID A83970 Sections 4 & 5 pp. 4-5, Section 9 pg. 15), Condition 117 (Filing ID C09290 Section 2 pp. 2-5), Condition 123 (Filing ID C21775 Section 3 pg. 3 and Section 5 pg. 9), and Condition 124 (Filing ID C23003 Appendix B pg. 58).
104	Emergency Management	NEB	Trans Mountain will establish control points for the new and proposed pipeline and conduct a regular review once in operation.	NEB IR No. 1.73a, NEB IR No. 1.73b	Prior to Operations	Complete	Superseded by CER Condition	125	Commitment is addressed by CER Condition 125 - Emergency Response Plans for the Pipeline and for the Edmonton, Sumas and Burnaby Terminal (Filing ID C23621) and CER Condition 124 - Implementing Improvements to Trans Mountain's Emergency Management Program (Filing ID C23003). Trans Mountain has developed a Geographic Response Plan (GRP) for each of the Alberta, North Thompson, Kamloops, and Sumas operational districts. The GRPs apply to the assets associated with the Trans Mountain Pipeline System, which includes Line 1 and Line 2. Trans Mountain continually reviews and updates its GRPs to validate existing Control Points and to identify new Control Points. As part of the GRP maintenance practice, the Control Points are reviewed and confirmed every four years. Maintenance efforts continue to include the opportunity for Indigenous groups and stakeholders to participate in fieldwork to assess existing locations and evaluate potential new Control Point sites. Information on each of Trans Mountain's 600+ Control Points is available through the applicable district GRP and in the interactive Control Point Web Map at grp.transmountain.com . The GRPs are publicly available on the Trans Mountain website at https://www.transmountain.com/emergency-response-plans .
105	Emergency Management	NEB	Trans Mountain will maintain its Community Awareness and Emergency Response (CAER) program and include the Trans Mountain Expansion Project.	Part 2 – Consultation Update No. 1	During Operations	Complete			Trans Mountain offers Community Awareness Emergency Response ("CAER") presentations to first responders and emergency management departments in accordance with the Emergency Management Liaison/Continuing Education Standard. The CAER presentations are offered every two years on a rotating basis, by operational district.
106	Emergency Management	NEB	Trans Mountain will be part of a forthcoming collaborative mutual aid protocol between members of the energy pipeline industry, spearheaded by the Canadian Energy Pipeline Association, to support each other's emergency response efforts as needed.	Application Volume 5B, s 5, 5-162	Prior to Operations	Complete			On 2014-01-01, Canadian Energy Pipeline Association (CEPA), Mutual Emergency Assistance Agreement (MEAA) was signed by all CEPA company members.
111	Emergency Management	City of Abbotsford	Trans Mountain will consult with the City of Abbotsford and its first responders in Emergency Management planning.	City of Abbotsford IR No. 1.0	Prior to Operations	Complete	Superseded by CER Condition	90, 117	Trans Mountain has provided details on consultation with the City of Abbotsford through CER filings under Condition 90 (A83970), 117 (C09290), 123 (C20418) and 124 (C23003).
112	Emergency Management	District of North Vancouver	Trans Mountain is committed to engaging with the District of North Vancouver on the Notification process regarding an unlikely event of a release.	District of North Vancouver IR No. 2.02.01h	During Operations	Complete			Commitment addressed by Filing C06023 Trans Mountain Annual Filing to CER Order AO-001-MO-006-2016. Please see Section 2.1.3 Other Notifications and 2.13.1 - Local Governments of the Trans Mountain Terminal Emergency Response Plan (v.2020). Additionally, please see Section 6.7 Liaison Officer and Section 6.7.1.5 External EOC Liaison of the Trans Mountain Incident Command System Guide (v.2020).
170	Emergency Management	Sheilagh MacDonald	The Burnaby Terminal fire-protection system will be expanded and enhanced with new resources as described in Section 3.4.3.8.2 of Volume 4A.	MacDonald S IR No. 1.4b, Volume 4A, Section 3.4.3.8.2 (Filing ID A3S0Y8, PDF page 105)	Prior to Operations	Complete	Superseded by CER Condition	127	Commitment is addressed through Condition 127 (CER Filing ID C22906), Terminal fire protection and firefighting systems (Burnaby Terminal), Section 4 pp. 4-9, Appendix B pp. 12-14; Condition 118 (CER Filing ID C18385), Firefighting Capacity at Terminals (Burnaby Terminal), Section 3 pp. 6-11; and Condition 125 (CER Filing ID C21774), Emergency Response Plans for the Pipeline and for the Edmonton, Sumas and Burnaby Terminal (Burnaby Terminal), Appendix B. Trans Mountain's fire protection and firefighting system, which consists of elements including suppression resources (water, foam concentrate, and equipment), detection and suppression systems, and response personnel, has been expanded and enhanced to be capable of effectively responding to events up to and including the credible worst-case scenario at the Burnaby Terminal. This includes the existing tanks and the tanks added as part of the expansion.
384	Emergency Management	Transport Canada, Vancouver Fraser Port Authority DBA Port Metro Vancouver	Trans Mountain will submit its Oil Pollution Emergency Plan for the Westridge Marine Terminal to Transport Canada for review at least six months before terminal operations begin.	Trans Mountain Response to NEB IR TERMPOL Rpt and Outstanding Filings	Prior to Operations	Complete	Superseded by CER Condition	126	An electronic copy of the Westridge Marine Terminal Emergency Response Plan was submitted to Transport Canada on September 9, 2022, followed by a hardcopy of the operational emergency response plan on April 12, 2023.

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				(January 2, 2015) Recommendation 17					
471	Emergency Management	NEB	Trans Mountain remains committed to participating through its membership in Canadian Energy Pipeline Association (CEPA) in the BC Land Based Spill Preparedness and Response initiative.	NEB IR No. 3.023a	During Operations	Complete			TM remained a member of CEPA through December 31, 2021, at which time CEPA ceased operations. Regardless of CEPA's operational status, TM remains committed to participating in the Province's ongoing spill response engagement if/when invited. TM remains a member of CEPA and recently participated as part of the Technical Working Group during the Province of B.C.'s engagement on phase two policy concepts to improve response in the event of spills. Phase two regulations are now being considered and TM remains committed to participating in ongoing spill response engagement if/when invited. Please see https://cepa.com/en/cepa-members/ for a list of CEPA's full members.
497	Emergency Management	NEB	Trans Mountain will provide the NEB with a copy of the design basis for the Westridge Marine Terminal fire protection system as a condition of future Project approval.	NEB IR No. 3.065	Prior to Operations	Complete	Superseded by CER Condition	127	Trans Mountain has provided a copy of the design basis for Westridge Marine Terminal fire protection to the NEB through filing Condition 127 on November 15, 2022 (CER Filing ID C22061)
532	Emergency Management	NEB	Trans Mountain commits to engaging with local emergency responders near the Edmonton Terminal to ensure that they are aware of all of the available fire-protection systems and procedures prior to the commencement of operations.	NEB IR No.4 28c, Filing A4K4W34.28c.1 pg 119	Prior to Operations	Complete	Superseded by CER Condition	90, 117	Trans Mountain engaged with local emergency responders near the Edmonton Terminal to ensure they are aware of fire-protection systems and procedures as noted in several CER Conditions; Condition 90, Consultation on improvements to Trans Mountain's Emergency Management Program, (Filing A83970) Sections 4 & 5 pp. 4-5 and Appendix C pg. 22; Condition 117, Reporting on Improvements to Trans Mountain's Emergency Management Program, (Filing C09290) Section 2 pp. 2-5, Appendix A pg. 14, and Appendix B pg. 16; Condition 118, Firefighting Capacity at Terminals (Filing C18385-2) Section 5 pg. 9; and Condition 124, Implementing Improvements to Trans Mountain's Emergency Management Program, (Filing C23003)Appendix A pg. 53 and Appendix B pg. 58.
559	Emergency Management	Art Jackson O/A Alpine Art	Trans Mountain will be developing Geographic Response Plans (GRPs) for all the areas transited by its expanded pipeline system.	Alpine Art IR No. 2.5 pg 9 Filing ID A4H7Y2	Prior to Operations	Complete	Superseded by CER Condition	125	Commitment is addressed by CER Condition 125 - Emergency Response Plans for the Pipeline and for the Edmonton, Sumas and Burnaby Terminal (Filing ID C23621). Trans Mountain has developed a Geographic Response Plan (GRP) for each of the Alberta, North Thompson, Kamloops, and Sumas operational districts. The GRPs apply to the assets associated with the Trans Mountain Pipeline System, which includes Line 1 and Line 2. The GRPs are publicly available on the Trans Mountain website at https://www.transmountain.com/emergency-response-plans .
569	Emergency Management	Burnaby Teachers' Association	Trans Mountain commits to working with individual schools or School Districts to fully support their safety efforts and ensure their Emergency Response Plans are coordinated with Trans Mountain's.	BTA IR No. 2.7, Filing A4H7Z5IR # 2.7 page 9	Prior to Operations	Complete			Trans Mountain provides to schools along the right-of-way the "Pipeline Emergency Response Guidelines for Schools". The guideline is intended to be used in conjunction with the school's emergency response and/or safety plan, as required, and includes a map applicable to the specific facility. The measures outlined in the guideline provide recommended response actions the school may take upon a pipeline emergency. The guideline is intended to assist in increasing the school's knowledge of Trans Mountain's emergency response protocols and what can be expected of Trans Mountain during an emergency. The "Pipeline Emergency Response Guidelines for Schools" was distributed to applicable schools in 2018, 2020 and 2022; the biennial mailout is referenced in the Liasion/Continuing Education Standard as evidence of an ongoing commitment to send. Correspondence included an invitation to meet to discuss any elements of the Emergency Management Program and to submit questions about the content of the guideline. An evidence package including the Pipeline Emergency Response Guidelines for Schools, the Liasion/Continuing Education Standard and the accompanying correspondence has been prepared.
583	Emergency Management	City of Abbotsford	Trans Mountain confirms that an analysis is currently underway and that work to date will result in an Oil Spill Containment and Recovery (OSCAR) unit being staged within the City of Abbotsford at the Sumas Pump Station beginning in the summer of 2015.	City of Abbotsford IR No. 2.3.07a	During Operations	Complete			In 2015, an Oil Spill Containment and Recovery (OSCAR) was repositioned to the Sumas Station, where it remains, as noted on the Equipment Placement Map (2020). The Equipment Placement Map is available to interested parties on Trans Mountain's website.
587	Emergency Management	City of Abbotsford	Trans Mountain commits to continued engagement with the City of Abbotsford on enhancements to the Emergency Management Program (EMP).	City of Abbotsford IR No. 2.2.01.a), Filing A4H7Z9IR# 2.1.01 pg 1	Prior to Operations	Complete	Superseded by CER Condition	90, 117	The City of Abbotsford was engaged on enhancements of the Emergency Management Program as evidenced through the plans filed under Condition 90 (Filing ID A83970), Condition 117 (Filing ID A84431) and an update was filed on November 2, 2020 (Filing ID C09290).
608	Emergency Management	City of Burnaby	Trans Mountain will consider risk sensitive monitoring and proximity audible warning systems as a possible option in the course of its development of the enhanced Emergency Management Plan (EMP).	City Burnaby IR No. 2.024; Filing ID A4H8A1 pg 87	Prior to Operations	Complete	Superseded by CER Condition	123	Commitment is addressed by CER Condition 123 Report - Evacuation Plans, Section 3.3.1, Pg. 4 (for both the Westridge Marine Terminal and Burnaby Terminal submissions). Westridge Marine Terminal Evacuation Plan, Section 7.4, pg. 14-15, Burnaby Terminal Evacuation Plan, Section 7.4, pg. 14-15. The Condition reports outline the consultation process with the City of Burnaby; the Evacuation Plans outline the notification process and platforms to be used.

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657	Emergency Management	City of Kamloops	Trans Mountain will consult with the City of Kamloops and its first responders in Emergency Management planning.	City of Kamloops IR No. 2.12, Filing A4H8F3 pg 30-34	Prior to Operations	Complete	Superseded by CER Condition	90, 117	Trans Mountain consulted with the City of Kamloops and its first responders in Emergency Management Planning, documentation was provided through CER Condition 90 (A83970), 117 (C09290), and 124 (C23003).
667	Emergency Management	City of New Westminster	Trans Mountain will consult with the City of New Westminster and its first responders in Emergency Management planning.	City New Westminster IR No. 2.D.1, Filing A4H8F6 2E.iv, pg 70-73	Prior to Operations	Complete	Superseded by CER Condition	90, 117	Trans Mountain consulted with the City of New Westminster and its first responders in Emergency Management Planning, documentation was provided through CER Condition 90 (A83970), 117 (C09290), and 124 (C23003).
673	Emergency Management	City of North Vancouver	Trans Mountain will consult with the City of North Vancouver and its first responders in Emergency Management planning.	City North Vancouver IR No. 2.2.4, Filing A4H8G1 2.2.4 a, pg 22-23	Prior to Operations	Complete	Superseded by CER Condition	90, 117	Trans Mountain consulted with the City of North Vancouver and its first responders in Emergency Management Planning, documentation was provided through CER Condition 90 (A83970), 117 (C09290), and 124 (C23003).
680	Emergency Management	City of Port Moody	Trans Mountain will commit to engaging with Port Moody in the review of the Westridge Emergency Response Plan.	City of Port Moody IR No. 2.3.28, Filing A4H8G7 2.48 b-d pg 171-174	Prior to Operations	Complete	Superseded by CER Condition	90, 117	Trans Mountain consulted with Port Moody in the Westridge Emergency Response Planning, documentation of engagement was provided through CER Condition 90 Consultation on improvements to Trans Mountain's Emergency Management Program (A83970 Sections 4 & 5 pp. 4-5 and Appendix C pg. 22), Condition 117 Reporting on Improvements to Trans Mountain's Emergency Management Program (C09290 Section 2 pp. 2-5 and Appendix B pg. 16), and Condition 124, Implementing Improvements to Trans Mountain's Emergency Management Program (C23003 Appendix A pg. 53 and Appendix B pg. 58).
686	Emergency Management	Gun Métis Local 55 (Lac Ste. Anne Métis)	Geographic Response Plans (GRPs) will be developed and ready for application, to any spills that may potentially occur, prior to the expanded pipeline system beginning operations.	Gunn Métis Local 55 IR No. 2.18; Filing ID A4H8S2 Pg 27-30	Prior to Operations	Complete	Superseded by CER Condition	125	Commitment is addressed by CER Condition 125 - Emergency Response Plans for the Pipeline and for the Edmonton, Sumas and Burnaby Terminals (Filing ID C23621). Trans Mountain has developed a Geographic Response Plan (GRP) for each of the Alberta, North Thompson, Kamloops, and Sumas operational districts. The GRPs apply to the assets associated with the Trans Mountain Pipeline System, which includes Line 1 and Line 2. The GRPs are publicly available on the Trans Mountain website at https://www.transmountain.com/emergency-response-plans .
734	Emergency Management	City of Richmond	Trans Mountain will consult with the City of Richmond and its first responders in Emergency Management planning.	City of Richmond IR No. 2.2.12	Prior to Operations	Complete	Superseded by CER Condition	90, 117	Trans Mountain consulted with the City of Richmond and its first responders in Emergency Management Planning, documentation of consultations are provided through CER Condition 90 (A83970), 117 (C09290), and 124 (C23003).
736	Emergency Management	City of Richmond	As part of enhancing its Emergency Management Program prior to operation of the expanded pipeline system, Trans Mountain will be reviewing and augmenting its inventory of control points.	City of Richmond IR No. 2.2.15; Filing ID A4H817 Pg 17-18	Prior to Operations	Complete	Superseded by CER Condition	125	Commitment is addressed by CER Condition 125 - Emergency Response Plans for the Pipeline and for the Edmonton, Sumas and Burnaby Terminals (Filing ID C23621) and CER Condition 124 - Implementing Improvements to Trans Mountain's Emergency Management Program (Filing ID C23003). Trans Mountain continually reviews and updates its Geographic Response Plans (GRP) to validate existing Control Points and to identify new Control Points. As part of the GRP maintenance practice, the Control Points are reviewed and confirmed every four years. Maintenance efforts continue to include the opportunity for Indigenous groups and stakeholders to participate in fieldwork to assess existing locations and evaluate potential new Control Point sites. Information on each of Trans Mountain's 600+ Control Points is available through the applicable district GRP and in the interactive Control Point Web Map at grp.transmountain.com . The GRPs are publicly available on the Trans Mountain website at https://www.transmountain.com/emergency-response-plans
746	Emergency Management	City of Vancouver	Trans Mountain will invite the Vancouver Coastal Health Authority and the Fraser Valley Health Authority to participate in Emergency Management Planning.	City of Vancouver IR No. 2.04.03, Filing A4H819 pg 56-58	Prior to Operations	Complete	Superseded by CER Condition	90, 117	Trans Mountain consulted with the Vancouver Coastal Health Authority and Fraser Valley Region in Emergency Management Planning, documentation was provided through CER Condition 90 (A83970), 117 (C09290), and 124 (C23003).
747	Emergency Management	City of Vancouver	Trans Mountain will incorporate wording into the current Emergency Management Program (EMP) documents for Westridge Marine Terminal during the 2015 annual update of the Emergency Response Plan (ERP) to ensure clarity around response actions during a fire event specific to the terminal based on the recommendations in the Emergency response Guidebook (ERG) 2012.	City of Vancouver IR No. 2.04.06.a	Prior to Operations	Complete			Section 6.3.3.1 - Right of Way Pipeline Fire Response Checklist of The Westridge Marine Terminal Emergency Response Plan was updated in September 2017 to reference the Transport Canada Emergency Response Guidebook - 2016. Commitment addressed by Filings C06023 (2020), A99117 (2019) and A91472 (2018), Trans Mountain Annual Filing to CER Order AO-001-MO-006-2016. Section 6.3.3.1-Right of Way Pipeline Fire Response Checklist of the Westridge Marine Terminal.
757	Emergency Management	Katzie First Nation	Affected Aboriginal groups will be invited to participate in Unified Command in the event of an incident.	Katzie FN IR No. 2.2.12a	During Operations	Complete			Commitment addressed by Filings C06023 (2020), A99117 (2019) and A91472 (2018), Trans Mountain Annual Filing to CER Order AO-001-MO-006-2016. Please see Section 8.9 Unified Command of the Trans Mountain Pipeline Emergency Response Plan (2020). Additionally, please see Section 2.4 Unified Command and Section 4.3 Indigenous and US Tribal Stakeholders of the Trans Mountain Incident Command System Guide (2020).
772	Emergency Management	Province of British Columbia	Trans Mountain will consult with the Province of BC in Emergency Management planning.	Province BC IR No. 2.21, Filing	Prior to Operations	Complete	Superseded by CER Condition	90, 117	Trans Mountain provides consultation and engagement records with the Province of BC through the Emergency Management Program documented in

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				A4H8W6pg 119-121					the CER Condition filings for Condition 90, 117, and 124. The Province of BC was represented by multiple ministries, including but not limited to Emergency Management BC, Ministry of Environment, Ministry of Transportation and Health Emergency Management.
774	Emergency Management	Province of British Columbia	As part of the Emergency Management Program (EMP) review Trans Mountain will review information regarding shelter-in-place to ensure suitable messaging is incorporated into responses plans and public awareness materials.	Province BC IR No. 2.31g; Filing ID A4H8W6 IR No 2.30g Pg 148-154	Prior to Operations	Complete	Superseded by CER Condition	123	Commitment is addressed by CER Condition 123 Report - Evacuation Plans, Section 2.3, Pg. 2 (for all terminal submissions), Edmonton Terminal Evacuation Plan, Section 6.2, pg. 9, and Appendix A Glossary & Acronyms; Sumas Terminal Evacuation Plan, Section 6.2, pg. 9, and Appendix A Glossary & Acronyms; Westridge Marine Terminal Evacuation Plan, Section 7.4, pg. 14-15, and Appendix A Glossary & Acronyms; and Burnaby Terminal Evacuation Plan, Section 7.4, pg. 14-15 and Appendix A Glossary & Acronyms.
775	Emergency Management	Province of British Columbia	For areas that may potentially be affected by an oil spill from Trans Mountain along the Fraser and North Thompson Rivers Trans Mountain commits to identify and map side channels that could be used in containment and recovery of oil, to consider access to these side channels and include access details in its Emergency Management Plan (EMP) documents, and identify available boat launches on these side channels and the spill response equipment in their vicinity.	Province BC IR No. 2.32, Filing ID A4H8W6 Pg 158-160	Prior to Operations	Complete	Superseded by CER Condition	125	Commitment is addressed by CER Condition 125 - Emergency Response Plans for the Pipeline and for the Edmonton, Sumas and Burnaby Terminals. Trans Mountain has developed a Geographic Response Plan (GRP) for each of its operational districts, including the North Thompson District, Kamloops District, and Sumas District, which apply to the Fraser River and North Thompson River. The Control Points within the GRPs identify locations that could be used in the containment and recovery of oil. Trans Mountain continually reviews and updates its GRP to validate existing Control Points and Boat Launches and to identify new Control Points and Boat Launches. As part of the GRP maintenance practice, the Control Points and Boat Launches are reviewed and confirmed every four years. Maintenance efforts continue to include the opportunity for Indigenous groups and stakeholders to participate in fieldwork to assess existing locations and evaluate potential new Control Point and Boat Launch sites. Information on each of Trans Mountain's 600+ Control Points is available through the applicable district GRP and in the interactive Control Point Web Map at grp.transmountain.com . The GRPs are publicly available on the Trans Mountain website at https://www.transmountain.com/emergency-response-plans
776	Emergency Management	Wembley Estates Strata Council	Trans Mountain is committed to ensuring a prompt and immediate response to any fire event that involves Trans Mountain Pipeline or Facilities to protect the public, employees, environment, and property.	Wembley Estates IR No. 2.2f, Filing ID A4H9K1 Pg 4-6	Prior to Operations	Complete	Superseded by CER Condition	125	Commitment is addressed by CER Condition 125 - Emergency Response Plans for the Pipeline and for the Edmonton, Sumas and Burnaby Terminals. Trans Mountain's Emergency Response Plans (ERP) address multiple hazards, including fire events, and apply to the assets associated with the Trans Mountain Pipeline System, which includes Line 1, Line 2, and facilities. Trans Mountain also has in place tactical response plans, including Fire Safety Plans, Fire Pre-Plans, and Tactical Workbooks. The ERPs are publicly available on the Trans Mountain website at https://www.transmountain.com/emergency-response-plans .
778	Emergency Management	Tsleil-Waututh Nation	Trans Mountain acknowledges the Tsleil-Waututh Nation's interests and concerns with regard to the updated Emergency Management Program (EMP) for the Trans Mountain Expansion Project (the Project) and will invite the Tsleil-Waututh Nation to participate in the process described above.	Tsleil-Waututh Nation IR No. 2.3.1a	Prior to Operations	Complete			Since 2015, Tsleil-Waututh Nation (TWN) has been invited to consult on Trans Mountain's Emergency Management Program on several occasions. TWN was invited to attend emergency management workshops in 2016 and 2020 and invited to attend emergency response exercises in 2017, 2018, 2019, 2021 and 2022 per Trans Mountain's exercise cycle. TWN attended the Westridge Marine Terminal full-scale exercise in 2021. TWN was invited to comment on Trans Mountain's draft Geographic Response Plans (GRP), per EAO Condition 33 Geographic Response Plans, and the draft Evacuation Plan for the Westridge Marine Terminal, per CER Condition 123 Evacuation Plans (C20418). TWN was also invited to provide comment on the draft EAO Condition 35 Fate and Behaviour of Bitumen Research Report and submitted a response on December 5, 2022, to which Trans Mountain replied in writing on January 6, 2023. TWN was invited to participate in GRP fieldwork in the Sumas District in April 2021 and April 2023.
781	Emergency Management	Province of British Columbia	The current Emergency Management Programs will be updated to reflect the new program name and description of the Regional Environmental Emergencies Team (REET) in the spring of 2015.	Province BC IR No. 2.43	Prior to Construction	Complete			References to the Regional Environmental Emergencies Team (REET) in Trans Mountain's Emergency Response Plans have been replaced with the Science Table within the Environment Unit, in accordance with current industry best practices. Please see Section 10.0 Planning Section and Section 10.2 Planning Section Organizational Chart of the Trans Mountain Pipeline Emergency Response Plan (2020).
782	Emergency Management	Province of British Columbia	Trans Mountain has evaluated and completed pre-spill SCAT (shoreline characterization) surveys applicable to a potential spill at the Westridge Marine Terminal (WMT) and will be evaluating the surveys and activities as part of the enhanced emergency management review.	Province BC IR No. 2.48a	Prior to Operations	Complete			Pre-spill Shoreline Characterization data has been provided to WCMRC for use in their Geographic Response Strategies for the Inlet.
816	Emergency Management	Fraser Valley Regional District	Trans Mountain will conduct a consultation program as part of developing the updated Emergency Management Plan (EMP) as described in the NEB draft conditions related to emergency management.	FVRD IR No. 2.02, Filing A4H8S0pg 39-40	Prior to Operations	Complete	Superseded by CER Condition	90, 117	Trans Mountain has implemented a consultation program through Conditions filed to the CER. Condition 90 (Filing ID A83970), Consultation on improvements to Trans Mountain's Emergency Management Program, Sections 4 & 5 pp. 4-5; Condition 117 (Filing ID C09290), Reporting on Improvements to Trans Mountain's Emergency Management Program, Section 2 pp. 2-5, Appendix B pg. 16 and Appendix D pg.21; and Condition

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									124 (Filing ID C23003), Implementing Improvements to Trans Mountain's Emergency Management Program, Appendix A pg. 53 and Appendix B pg. 58.
864	Emergency Management	Squamish Nation	In the event that a pipeline release somehow adversely impacts drinking water aquifer conditions that supply Squamish Nation, Trans Mountain commits to working with the leadership of the Nation to identify surplus capacity from other drinking water sources in the area, while suitable replacement alternatives are established and implemented.	Squamish Nation IR No. 2.12j	During Operations	Complete	Superseded by BC EAO	26	Commitment is addressed by BC EAO Condition 26 - Drinking Water and CER Condition 125 - Emergency Response Plans for the Pipeline and for the Edmonton, Sumas and Burnaby Terminals. Pursuant to EAO Condition 26, Trans Mountain must provide one or more alternate sources of drinking water for all persons who use water for human or animal consumption from the contaminated water source for the period of time during which the contamination exists. Trans Mountain considers within its emergency management planning the potential requirement for potable water arising from an incident in accordance with EAO Condition 26 and all applicable legislative requirements. Responses are guided by the Emergency Response Plan - Trans Mountain Pipeline and the appropriate Geographic Response Plan (Sumas District for Squamish Nation). If a pipeline release were to impact water supply, Trans Mountain would identify alternate drinking water sources, treatment mechanisms, and delivery/distribution methods contingent upon the site-specific conditions and characteristics. Trans Mountain uses the Incident Command System (ICS) for emergency response. As per Trans Mountain's ICS Guide, opportunity for Indigenous participation begins in the Liaison Section and extends into other areas of the response structure under ICS, as appropriate.
869	Emergency Management	Cheam First Nation and Chawathil First Nation	Trans Mountain will consult with First Nations in the development of enhanced Emergency Response Plans (ERPs) for the expanded pipeline system. Trans Mountain is in the planning stages for a workshop series. The series is expected to commence in Q2 2015 and First Nations with an interest in the Project or Aboriginal interests potentially affected by the Project will be invited to attend.	Cheam and Chawathil FN IR No. 2(b).1.2.b.a, Filing A4J718pg 4	Prior to Operations	Complete	Superseded by CER Condition	90, 117	Trans Mountain provides details on the consultation and feedback of the Emergency Response Plans through CER Condition 90, 117 and 124. Consultation can be found in the following CER Condition filings: Filing A83970, Condition 90, Consultation on improvements to Trans Mountain's Emergency Management Program, Sections 4 & 5 pp. 4-5 and Appendix D pg. 23; Filing C09290, Condition 117, Reporting on Improvements to Trans Mountain's Emergency Management Program, Section 2 pp. 2-5, Appendix C pg. 17, and Appendix D pp. 20-22; and Filing C23003, Condition 124, Implementing Improvements to Trans Mountain's Emergency Management Program, Appendix A pg. 53 and Appendix B pg. 58 (PDF pg 60).
898	Emergency Management	Tsleil-Waututh Nation	Trans Mountain will consult with the Tsleil-Waututh Nation in Emergency Management planning.	Tsleil-Waututh Nation IR No. 2.3.1a	Prior to Operations	Complete			Since 2015, Tsleil-Waututh Nation (TWN) has been invited to consult on Trans Mountain's Emergency Management Program on several occasions. TWN was invited to attend emergency management workshops in 2016 and 2020 and was invited to attend emergency response exercises in 2017, 2018, 2019, 2021 and 2022 per Trans Mountain's exercise cycle. TWN attended the Westridge Marine Terminal full-scale exercise in 2021. TWN was invited to comment on Trans Mountain's draft Geographic Response Plans (GRP), per EAO Condition 33 Geographic Response Plans, and the draft Evacuation Plan for the Westridge Marine Terminal, per CER Condition 123 Evacuation Plans (C20418). TWN was also invited to provide comment on the draft EAO Condition 35 Fate and Behaviour of Bitumen Research Report and submitted a response on December 5, 2022, to which Trans Mountain replied in writing on January 6, 2023. TWN was invited to participate in GRP fieldwork in the Sumas District in April 2021 and April 2023.
901	Emergency Management	Wembley Estates Strata Council	Trans Mountain will consider risk sensitive monitoring and proximity audible warning systems as a possible option in the course of its development of the enhanced Emergency Management Program.	Wembley Estates IR No. 2.2g, Filing ID A4H9K1 Pg 4-6	Prior to Operations	Complete	Superseded by CER Condition	123	Commitment is addressed by CER Condition 123 Report - Evacuation Plans, Section 3.3.1, Pg. 4 (for both the Westridge and Burnaby submissions). Westridge Marine Terminal Evacuation Plan, Section 7.4, pg. 14-15, Burnaby Terminal Evacuation Plan, Section 7.4, pg. 14-15. The Commitment report outlines the consultation process with the City of Burnaby and the Evacuation Plan outlines the notification process and platforms to be used.
921	Emergency Management	Simon Fraser University	Trans Mountain will consult with Simon Fraser University in Emergency Management planning.	SFU IR No. 2.1.3	Prior to Operations	Complete	Superseded by CER Condition	90, 123	Trans Mountain has developed a consultation plan in order to carry out a review of the Emergency Management Plans, the plan was filed under Condition 90 (Filing ID A83970). Trans Mountain has consulted with Simon Fraser University and has provided details in the Condition 123 Burnaby Terminal submission (CER Filing ID C21775 Section 1.0 Para 4 and Section 3.1)
922	Emergency Management	Simon Fraser University	Trans Mountain commits to continued engagement with Simon Fraser University (SFU) on issues such as safety, 24 hour access and risk mitigation which outline the hazards and risks that the Burnaby Terminal poses to SFU, as part of the Emergency Management Plan (EMP) consultation process.	SFU IR No. 2.1.4	Prior to Operations	Complete	Superseded by CER Condition	90, 123	Trans Mountain engaged with Simon Fraser University regarding Burnaby Terminal and Trans Mountain's Emergency Management Program and the Emergency Response Plan as noted in these filings A83970, Condition 90, Consultation on improvements to Trans Mountain's Emergency Management Program, Sections 4 & 5 pp. 4-5, Section 9 pg. 15; Filing C09290, Condition 117, Reporting on Improvements to Trans Mountain's Emergency Management Program, Section 2 pp. 2-5; Filing C21775, Condition 123, Evacuation Plans, Section 3 pg. 3 and Section 5 pg. 9; and Filing C23003, Condition 124, Implementing Improvements to Trans Mountain's Emergency Management Program, Appendix B pg. 58.
923	Emergency Management	Simon Fraser University	Trans Mountain confirms that Simon Fraser University (SFU) will be added to a notification list in the event of an emergency at Burnaby Terminal that may impact SFU.	SFU IR No. 2.1.4	Prior to Operations	Complete			Commitment addressed by Filings C06023 (2020), A99117 (2019) and A91472 (2018), Trans Mountain Annual Filing to CER Order AO-001-MO-006-2016.

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									Please see Section 2.13.4 - Agency Contacts of the Trans Mountain Pipeline Emergency Response Plan (2020); Westridge Marine Terminal Emergency Response Plan (2020); and Terminals & Tank Farms Emergency Response Plan (2020).
924	Emergency Management	Simon Fraser University	Although the full details of the Emergency Management Plan (EMP) documents are not appropriate to include as part of public filing, Trans Mountain is willing to meet with Simon Fraser University to discuss Trans Mountain's existing and updated EMP documents.	SFU IR No. 2.1.6	Prior to Operations	Complete	Superseded by CER Condition	90, 123	As detailed in Condition 123, Section 3.3.2, Trans Mountain met with Simon Fraser University to discuss the emergency management plan details. Commitment addressed by Filing A83970, Condition 90, Consultation on improvements to Trans Mountain's Emergency Management Program, Sections 4 & 5 pp. 4-5, Section 9 pg. 15; Filing C09290, Condition 117, Reporting on Improvements to Trans Mountain's Emergency Management Program, Section 2 pp. 2-5; Filing C21775, Condition 123, Evacuation Plans, Section 3 pg. 3 and Section 5 pg. 9; and Filing C23003, Condition 124, Implementing Improvements to Trans Mountain's Emergency Management Program, Appendix B pg. 58.
933	Emergency Management	Calvin Taplay	As with all schools in proximity to its pipeline and terminals, Trans Mountain remains willing and able to review Westridge Elementary School's emergency response plan and provide input and advice on the plan if this is requested.	Taplay C IR No. 2.073, Filing A4H9G6pg 89	Prior to Operations	Complete			Trans Mountain and Westridge Elementary School met on April 5, 2016, to discuss pipeline safety related to School Districts. Trans Mountain also provides to schools along the Right-of-Way, including Westridge Elementary School, the Pipeline Emergency Response Guidelines for Schools (Guidelines). The Guideline is intended to be used in conjunction with the school's emergency response and/or safety plan, as required, and includes a map applicable to the specific facility. The Guideline was distributed to applicable schools in 2018, 2020 and 2022; the biennial mailout is referenced in the Liaison/Continuing Education Standard as evidence of ongoing commitment to send. Correspondence included an invitation to meet to discuss any elements of the Emergency Management Program and to submit questions about the content of the guideline. An evidence package with relevant documentation has been prepared. As of July 2023, input into Westridge Elementary School's plan has not been requested. As with all schools in proximity to its pipeline and terminals, Trans Mountain remains willing and able to review Westridge Elementary School's emergency response plan and provide input and advice on the plan if requested.
939	Emergency Management	District of North Vancouver	Trans Mountain will consult with the District of North Vancouver in Emergency Management planning.	District of North Vancouver IR No. 2.01.2, Filing A4H8L7pg 7-17	Prior to Operations	Complete	Superseded by CER Condition	90, 117	Trans Mountain consulted with the District of North Vancouver in Emergency Management Planning, documentation was provided through CER Condition 90 (A83970), 117 (C09290), and 124 (C23003).
1594	Emergency Management	Cheam First Nation and Chawathil First Nation	Consultation regarding Emergency management planning with First Nations will occur during individual sessions to be scheduled with each affected First Nation commencing in Q 2, 2015.	Cheam and Chawathil FN IR No. 2(b).1.2.c.b, Filing A4J7I8pg 4-6	Prior to Operations	Complete	Superseded by CER Condition	90, 117	Trans Mountain has provided consultation and engagement with Indigenous groups in planning the emergency management program. CER Condition 90 (Filing ID C09290) and Condition 117 (C23003) provide details on the engagement completed, along with feedback received from government authorities, landowners, and Indigenous groups.
1596	Emergency Management	Province of British Columbia	Trans Mountain will review its wildlife care requirements for the Project as part of its Emergency Management Program (EMP) consultation with the Province of BC.	Province BC IR No. 2.37	Prior to Operations	Complete			Trans Mountain has a Wildlife Management Plan which is posted on the Trans Mountain External website.
1597	Emergency Management	Province of British Columbia	Trans Mountain will develop Geographic Response Plans (GRPs) which will become a part of the enhanced Emergency Management Program (EMP).	Province BC IR No. 2.35, Filing ID A4H8W6 Pg 167-169	Prior to Operations	Complete	Superseded by CER Condition	125	Commitment is addressed by CER Condition 125 - Emergency Response Plans for the Pipeline and for the Edmonton, Sumas and Burnaby Terminals and CER Condition 124 - Implementing Improvements to Trans Mountain's Emergency Management Program. Trans Mountain has developed a Geographic Response Plan (GRP) for each of the Alberta, North Thompson, Kamloops, and Sumas operational districts. The GRPs were formally incorporated into the Emergency Management Program in 2018 and the current (2023) version of the plans apply to the assets associated with the Trans Mountain Pipeline System, which includes Line 1 and Line 2. The GRPs are publicly available on the Trans Mountain website at https://www.transmountain.com/emergency-response-plans .
1598	Emergency Management	Peters Band	Affected Aboriginal groups will be invited to participate in Unified Command and encouraged to put forth their objectives and priorities along with other members of Unified Command, to be directly involved in emergency response decision and definition of clean up criteria, and to receive real time updates throughout the course of the emergency.	Peters Band IR No. 2(b). 2.4a	During Operations	Complete			Commitment addressed by Filing C06023 Trans Mountain Annual Filing to CER Order AO-001-MO-006-2016. Please see Section 8.9 Unified Command of the Trans Mountain Pipeline Emergency Response Plan (2020). Additionally, please see Section 2.4 Unified Command and Section 4.3 Indigenous and US Tribal Stakeholders of the Trans Mountain Incident Command System Guide (2020).
1615	Emergency Management	Sto:lo Collective	As part of the workshop series described in the response to Recommendation 2 Trans Mountain will offer a focused workshop to review Emergency Response Management planning.	Sto:lo Collective Recommendation #7, #17, #57, #72	Prior to Operations	Complete			Sto:lo communities were provided several opportunities to participate in emergency management activities, these included invitations to participate in focused workshops (CAERs), GRP fieldwork and emergency exercises. Each activity provides the nation to provide valuable input and suggestions to Trans Mountain's EM program and also build individual nation resiliency through training and partnerships.
1617	Emergency Management	Sto:lo Collective	Trans Mountain will discuss additional emergency response management (ERM) elements with Sto:lo representatives.	Sto:lo Collective Recommendation	Prior to Operations	Complete			Sto:lo communities were provided multiple opportunities to participate in emergency management activities including invitations to participate in

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				#10, #18, #19, #20, #84					interactive workshops (EM3 and EM4), Community Awareness Emergency Response Workshops (CAERs), one-on-one meetings, GRP fieldwork, and emergency exercises. Each activity provided a forum to discuss Trans Mountain's Emergency Management Program and for the communities to submit inputs for consideration into the program's enhancement. Sto:lo communities were also invited to review and comment on Trans Mountain's Geographic Response Plans per BC EAO Condition 33, as well as the BC EAO Condition 35 Fate and Behaviour of Bitumen Research report and to provide feedback on Trans Mountain's current and future research programs.
1618	Emergency Management	Sto:lo Collective	Trans Mountain will adhere to three-tiered response structure during its emergency response to any incident.	Sto:lo Collective Recommendation #10, #18, #84	During Operations	Complete			Commitment addressed by Filing C06023 Trans Mountain Annual Filing to CER Order AO-001-MO-006-2016. Please see the Emergency Levels section of the Trans Mountain Pipeline Emergency Response Plan (2020).
1619	Emergency Management	Sto:lo Collective	Trans Mountain will host 1-day Community Awareness and Emergency Response (CAER) presentation for Sto:lo representatives.	Sto:lo Collective Recommendation #10, #18, #84	Prior to Operations	Complete			26 Sto:lo Communities were invited to participate in a focused emergency management workshop (Community Awareness Emergency Response (CAER)). CAER presentations were delivered on November 29, 2022 to Cheam First Nation, Skwah First Nation, Skwahlook First Nation, and Shxw'whamel First Nation. Additional opportunities for information sharing to Sto:lo representatives were offered via invitations to participate in GRP fieldwork. During GRP fieldwork, Trans Mountain provides information on the TM EM Program, including much of the details that are presented during CAER presentations.
1631	Emergency Management	Sto:lo Collective	In the event of a spill in S'ólh Téméxw, Sto:lo representation will be invited to participate in Unified Command as part of the Incident Command Structure (ICS).	Sto:lo Collective Recommendation #43	During Operations	Complete			Commitment addressed by Filing C06023 Trans Mountain Annual Filing to CER Order AO-001-MO-006-2016. Please see Section 8.9 Unified Command of the Trans Mountain Pipeline Emergency Response Plan (2020). Additionally, please see Section 2.4 Unified Command and Section 4.3 Indigenous and US Tribal Stakeholders of the Trans Mountain Incident Command System Guide (2020).
1632	Emergency Management	Sto:lo Collective	In the event of a spill or leak, Trans Mountain would be responsible for additional monitoring of residual effects and remediation of impacts directly related to and caused by the spill.	Sto:lo Collective Recommendation #43	During Operations	Complete			Commitment addressed by Filing C06023 Trans Mountain Annual Filing to CER Order AO-001-MO-006-2016. Please see Section 8.18 Terminating/Downgrading the Response, Section 10.4.1 Demobilization Procedures of the Trans Mountain Pipeline Emergency Response Plan (v.2020).
1657	Emergency Management	Sto:lo Collective	Trans Mountain is committed to engagement regarding Community Awareness and Emergency Response (CAER). Additional reporting requests can be discussed.	Sto:lo Collective Recommendation #85	Prior to Operations	Complete			26 Sto:lo Communities were invited to participate in a focused emergency management workshop (Community Awareness Emergency Response (CAER)). Additional opportunities for information sharing to Sto:lo representatives were offered via invitations to participate in GRP fieldwork.
2294	Emergency Management	District of North Vancouver	Trans Mountain must file with the NEB for approval, at least 90 days prior to applying for leave to open, a report prepared by an independent body confirming the adequacy of the proposed fire protection and firefighting systems implemented or planned to be implemented at the Westridge Marine Terminal. Trans Mountain will provide a copy of the report to interested local governments.	Reply Argument - Appendix A Comments on NEB Draft Conditions - Condition 109a	Prior to Operations	Complete	Superseded by CER Condition	127	Trans Mountain filed Condition 127 (Filing ID C22061-2) on November 15, 2022 which included the Third-Party Confirmation of Terminal Fire Protection Systems through the Emergency Management Third-Party Report. The third-party report is publicly accessible on the CER website and can be provided to interested local governments upon request.
3650	Emergency Management	Village of Valemout	Trans Mountain will appoint an Operations liaison to serve on Emergency Services committee.	Workshop Notes	During Operations	Complete			Trans Mountain and Village of Valemout have met on several occasions to discuss the EM Program and Trans Mountain remains committed to serve on committees, as appropriate, if/when invited and to ongoing emergency management engagement. The Village of Valemout participated in the planning of and attended the North Thompson Full-Scale Exercise held in Valemout in September 2019. Additionally, Village of Valemout was invited and attended the Valemout EM3 (2016) and EM4 (2018) emergency management workshops. An evidence package has been completed and includes samples of invitations, meeting notes, and the post-exercise report.
3775	Emergency Management	Kamloops Fire Department	Trans Mountain will meet with the Kamloops Fire Department to develop a mutual aid agreement.	Workshop Notes	Prior to Operations	Complete			On 2015-11-01, Mutual Aid Agreement was signed between KMC and City of Kamloops.
3786	Emergency Management	Workshop Participants	Trans Mountain will offer CAER training to first responders in the BC Interior.	SEEMP (Fraser Valley), 7/14/2015, Stakeholder	Prior to Operations	Complete			Trans Mountain offers Community Awareness Emergency Response ("CAER") presentations to first responders and emergency management departments in accordance with the Emergency Management Liaison/Continuing Education Standard. The CAER presentations are offered every two years on a rotating basis, by operational district. An evidence package has been completed and includes samples of invitations to presentations.

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3789	Emergency Management	Emergency Management BC	Trans Mountain will invite Kamloops Emergency Management Workshop attendees to participate in Emergency Management Exercises and Training and will follow-up with attendees regarding additional inputs to the Geographic Response Plans. Training may include security awareness where appropriate.	Community Benefit Agreement, 2/15/2016, StakeTracker	During Operations	Complete			Kamloops Fire Rescue was invited and attended the Kamloops District Full Scale Exercises held in Kamloops on May 18-19, 2016 and February 11-12, 2020. Additionally, Kamloops Fire Rescue were invited and attended the Kamloops EM3 (2016) and EM4 (2018) emergency management workshops, which provided information and the opportunity to comment on the Geographic Response Plans. Trans Mountain and Kamloops Fire Rescue have also met on several occasions to discuss the EM Program. An evidence package for this correspondence has been completed which includes exercise invites and after action reports, meeting notes, and invitations.
4582	Emergency Management	District Parent Advisory Council (DPAC), Landowner - Chilliwack School District #33 (Board of Education)	Trans Mountain commits to providing Pipeline emergency response guideline for schools every two years and to offering a meeting annually to the principals of Watson Elementary School and Vedder Middle School to review emergency protocols and pipeline safety.	Detailed Route Hearing, Reply Evidence (para 34)	During Operations	Complete			Trans Mountain provides to schools along the Right-of-Way the Pipeline Emergency Response Guidelines for Schools. The guideline is intended to be used in conjunction with the school's emergency response and/or safety plan, as required, and includes a map applicable to the specific facility. The measures outlined in the guideline provide recommended response actions the school may take during a pipeline emergency and the guideline is intended to assist in increasing the school's knowledge of Trans Mountain's emergency response protocols and what can be expected of Trans Mountain during an emergency. The Pipeline Emergency Response Guidelines for Schools was distributed to applicable schools in 2018, 2020 and 2022; the biennial mailout is referenced in the Liaison/Continuing Education Standard as evidence of ongoing commitment to send. Correspondence included an invitation to meet to discuss any elements of the Emergency Management Program and to submit questions about the content of the guideline. An evidence package including the Pipeline Emergency Response Guidelines for Schools, the Liaison/Continuing Education Standard and the accompanying correspondence for Watson Elementary School and Vedder Middle School has been prepared.
5	Environment	Adams Lake Indian Band	All hydro static test water to be released directly or indirectly into a watercourse/wetland/lake will be tested prior to and during release. Any parameters to be tested that are not measurable in the field will be tested prior to release, not during release. Hydro static test water will be tested and verified as meeting guidelines for contaminant concentrations before it is released in accordance with approval/permit/notification conditions.	ALIB IR No. 1.2.6a	During Construction	Complete	Superseded by CER Condition	72	Commitment addressed by CER Condition 72, CER Filing ID C01961, Condition 72 Pipeline Environmental Protection Plan, Section 15.0 and Water Withdrawal and Discharge Procedures Management Plan in Section 8.5 of Appendix G, Pages: 90, 92, G-154 to G-156.
7	Environment	NEB	Trans Mountain will review and consider concerns raised by Aboriginal communities regarding the roles and responsibilities of the Aboriginal Monitors.	NEB IR No. 1.22e	Prior to Construction	Complete	Superseded by CER Condition	98	Commitment addressed by CER Condition 98 (CER Filing ID C00105), Appendix A Table A-1.
16	Environment	Parents From Cameron Elementary School Burnaby	Noise management plans that will be developed for the Project construction will incorporate the components of the NEB Draft Condition No. 29 (Pipeline Environmental Protection Plan) of the NEB's Letter – Draft Conditions and Regulatory Oversight (NEB 2014) limit the effect of noise at sensitive receptors and include a monitoring component to verify effectiveness of controls.	Cameron School Parents IR No. 1.2.1a	Prior to Construction	Complete	Superseded by CER Condition	74, 80, 86	To accommodate the concern, the route was change in 2014/2015 therefore the commitment pertaining to the school is no longer applicable. Noise Management Plans are filed through CER Condition 74, 80, 86.
24	Environment	City of Abbotsford	Trans Mountain will commit to meeting the specifications of the Ledgeview Golf Course in its restoration methods (for example, type of soil, grass).	City of Abbotsford IR No. 1.25b.ii	Post-Construction Monitoring	Complete			Ledgeview Golf Course has accepted the restoration method plans that were provided by TMPEP.
26	Environment	City of Abbotsford	Trans Mountain commits to consulting with the City of Abbotsford concerning the erosion and sediment control of the Sumas Drainage Canal Dyke and to implementing mitigation measures.	City of Abbotsford IR No. 1.17a	During Construction	No Longer Applicable			This commitment is no longer applicable. Work not occurring at Sumas Pump Station. Facilities scope of work is outlined in Condition 78, CER Filing ID C06991, Facilities EPP, Appendix D, Page: D-1 to D-9.
32	Environment	City of Burnaby	The Trans Mountain contractor (yet to be determined) will select a wildlife-proof garbage container suitable for the volume of material expected.	City Burnaby IR No. 1.19.10f	Prior to Construction	Complete	Superseded by CER Condition	72,78,81	Condition 72 Pipeline EPP (CER Filing ID C20382) Condition 78 Facilities EPP (CER Filing ID C06991) Condition 81 Westridge Marine Terminal EPP (CER Filing ID C08265)
34	Environment	City of Burnaby	Trans Mountain will conduct construction noise monitoring at the Westridge Marine Terminal which will incorporate the components of the NEB Draft Condition No. 33 of the NEB's Letter – Draft Conditions and Regulatory Oversight (NEB 2014). For noise during operations, a monitoring program will be conducted at the terminal as outlined in Section 9.10 of Volume 6A, Environmental Compliance of the Application.	City Burnaby IR No. 1.29.01b	Prior to Construction	Complete	Superseded by CER Condition	80, 86	Condition 80 Terminals Construction Noise Management Plan (CER Filing ID C06928) Condition 86 BMT Construction Noise Management Plan (CER Filing ID C05211).
38	Environment	Halston Hills Co-op	Trans Mountain will endeavour to limit the amount of tree removal adjacent to the Halston Hills Co-op. Depending on factors such as location, land-use, etc., replanting of trees may be undertaken within the temporary workspace locations that were cleared as part of the proposed construction. Final clearing and restoration requirements will be determined through detailed engineering and design.	Halston Hills IR No.1.4g.i	Project Lifecycle	Complete			TMPEP addressed this commitment through a re-route that moved the easement away from the Halston Hills Co-op thereby eliminating removal of trees adjacent to the co-op. Engagement with the Halston Hills Co-op will continue through the existing construction communications program.
39	Environment	Terence Inskip	If the original grade within the construction footprint cannot be restored, the final restoration of the slopes will ensure that a stable slope angle and profile are achieved and that the slopes within the construction footprint are blended/naturalized to the extent practical.	Inskip T IR No. 1b	During Construction	Complete	Superseded by CER Condition	72	Commitment addressed by CER Condition 72 Volume 6 (Filing ID A86570-3) Reclamation Plan specifically for Lac Du Bois (Section 9.2.2).
40	Environment	Parents From Cameron Elementary School Burnaby	Trans Mountain will manage noise through applicable NEB Draft Conditions No. 29 through 33, and 57 relating to updated Environmental Protection Plans, Horizontal Directional Drilling Noise Management Plan, a Noise Management Plan for pump stations, facilities and Westridge Marine Terminal, and post-construction noise surveys at select terminals.	Cameron School Parents IR No. 1.2.2a	Project Lifecycle	Complete	Superseded by CER Condition	72, 74, 78, 80, 81, 141	Trans Mountain has addressed this commitment through Conditions 72, 74, 78, 80 and 81 filings, and will provide post-construction noise surveys in the Condition 141 filing. Condition 72 - C20382 Condition 74 - C09038, C08036, C06875, C06343, C05703, C05553, C04017, C02395, C01524, C00856, C00689, C00377, A84115, A84761 Condition 78 - C05815 Condition 80 - C06928 Condition 81 - C08265

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45	Environment	Simpco First Nation	Aboriginal monitors will be invited to attend kick-off meetings (Spread 3).	SIMPFW F N IR No. 1.149a	Prior to Construction	Complete			Proof of completion will be the attendance records for the kick-off meetings.
46	Environment	City of Abbotsford	The Reclamation Plan will be finalized before construction. Trans Mountain will consult with the City of Abbotsford to develop the reclamation strategy for City lands that may be disturbed during construction of the TMEP.	City of Abbotsford IR No. 2.2.09c)	During Construction	Complete			Reclamation Plan was finalized in 2017 and filed under CER Filing ID A86570. Trans Mountain had an email exchange with the City of Abbotsford to discuss reclamation in May 2022.
48	Environment	NEB	An Agricultural Monitor who is familiar with soils, drainage and agricultural production will be in place for the Lower Mainland of BC. Environmental Inspectors will be in place in all geographic areas.	NEB IR No. 2.045b	Prior to Construction	Complete	Superseded by CER Condition	72	Condition 72 Pipeline Environmental Protection Plan (CER Filing ID C20382-2)
49	Environment	NEB	In the case where use of an impact hammer is deemed necessary for engineering reasons, Trans Mountain will implement underwater noise mitigation such as bubble curtains at the Westridge Marine Terminal.	Application Volume 5A, 7-467.	During Construction	Complete	Superseded by CER Condition	81	Trans Mountain has developed and utilized the Standard Operating Procedure for Offshore Impact Pile Driving Bubble Curtain at the Westridge Marine Terminal. Trans Mountain also provides details on pile installation requirements set out in Section 8.0 in CER Condition 81 (CER Filing ID C08265).
52	Environment	NEB	Trans Mountain will develop and implement a Worker Code of Conduct policies, which will cover guidance on the safe and respectful use of community facilities.	Application Volume 5B, 7-150.	Prior to Construction	Complete	Superseded by CER Condition	59	Commitment addressed by CER Condition 59 Worker Accommodate Strategy, Appendix E Worker Code of Conduct Section 5 (CER Filing ID A85812, Page E-1 to E-3)
61	Environment	NEB	Trans Mountain will work with Environment Canada and comply with the Migratory Birds Convention Act and Migratory Birds Sanctuary Regulations related to the Project components and impacts. Trans Mountain will conduct clearing and preconstruction activities outside the minimum migratory bird restricted activity period (RAP) of May 1 to July 31 where practical.	Application Volume 5A, Technical Update No. 1 and Consultation Update No. 2 - Part 2 Table 1.6.2-1	During Construction	Complete	Superseded by CER Condition	72, 78, 81	Trans Mountain conducted several meetings with Environment and Climate Change Canada staff to discuss interpretation of the Migratory Birds Convention Act, Trans Mountain's construction plans and appropriate measures to mitigate construction impacts on migratory birds.
63	Environment	NEB	Trans Mountain will, as soon as weather and soil conditions permit and insofar as it is practicable so to do, bury and maintain the Pipeline in a manner that will not interfere with the drainage or ordinary cultivation of the Lands, and will restore all drains damaged or disturbed by the operation, according to good drainage practice.	Application Volume 2, appendix E.	During Construction	Complete	Superseded by CER Condition	72	Trans Mountain through CER Condition 72 (C20382) provides details on the measures taken during backfilling activities in Section 12.0 (PDF pg 71), as well as the Environmental Reclamation Manual within the Operations team, provides details on the procedures in place to restore/reclaim a site, and include steps for follow up inspections.
65	Environment	Adams Lake Indian Band	In the unlikely event existing sediment contamination is identified at a watercourse crossing during construction, Trans Mountain will implement remedial measures in the Contamination Discovery Contingency Plan in Appendix B of Volume 6B of the Application.	AUIB IR No. 1.2.3a.2, Volume 6B Appendix B (A35253 PDF page 165)	During Construction	Complete	Superseded by CER Condition	72	Trans Mountain provides details of the procedures taken to remediate contamination during construction throughout the Condition 72 Environmental Protection Plan (CER Filing ID C20382). Under Trenching, #30 (PDF pg 67), provides details of the Resource Specialists duty to follow the Contaminated Sites Discovery Contingency Plan (Appendix B PDF pg 112).
67	Environment	NEB	Any salvaged topsoil or stripping will be segregated and stockpiled along the construction right-of-way, and at facility sites in low-profile berms or in piles adjacent to the site perimeter.	Pre-Application Project Description, p 18.	During Construction	Complete	Superseded by CER Condition	72, 78, 81	Commitment addressed by CER Condition 72, 78, 81. CER Filing ID C20382, Condition 72 Pipeline EPP, Section 10.0, Page: 48 (PDF 59) also see Appendix C image #7 CER Filing ID C06991, Condition 78 Facilities EPP, Section 8.0, Page: 8-13 (PDF 90) and Appendix B - Soil Handling Contingency Plan (PDF 119) CER Filing ID C08265, Condition 81 Westridge Marine Terminal EPP, Section 7.3, Page: 7-6 (PDF 35)
69	Environment	NEB	The contractor(s), subcontractors and the Inspector(s) will be provided with copies of all approvals/licenses and permits including the most recent updates and revisions, and will comply with all conditions presented to Trans Mountain.	Application Volume 5A, 7-128.	Prior to Construction	Complete	Superseded by CER Condition	72, 78, 81	Commitment addressed by CER Condition 72, 78, 81, Trans Mountain inputs all approvals, licenses, and permits to the Permit Binder which is accessible through the company portal.
70	Environment	NEB	To avoid or reduce effects of a drilling mud release on surface water quality, Trans Mountain will continually monitor for sediment release (i.e., turbidity and total suspended solids [TSS]) throughout the crossing construction period. In the event of a release into a watercourse, Trans Mountain will immediately suspend drilling activities and implement measures outlined in the Drilling Mud Release Contingency Plan to reduce effects of drilling mud release into the watercourse. Any releases would be reported to Fisheries and Oceans Canada (DFO) and Alberta Environment and Sustainable Resource Development (AESRD) or BC Ministry of Environment (MOE) and clean up and monitoring will be carried out until water quality is returned to existing (background) conditions.	Application Volume 5A, 7-70.	During Construction	Complete	Superseded by CER Condition	72	Trans Mountain has provided details on containment and clean-up of drilling mud through CER Condition 72 (CER Filing ID C20382) Pipeline Environmental Protection Plan, Appendix B, Bentonite Fluid Release Contingency Plan (PDF pg 117), Appendix G, Water Quality Monitoring section (PDF pg 421)
73	Environment	NEB	Trans Mountain will consult with and inform landowners of the potential to be affected by emissions from construction activities prior to commencement of these activities in proximity to the respective landowners.	Application Volume 5A, 7-89	Prior to Construction	Complete	Superseded by CER Condition	72	Condition 72 Pipeline EPP, Section 7.0 (CER Filing ID C20832 PDF pg 29) under Noise Emissions (PDF pg 32) and Air Emissions (PDF pg 33)
75	Environment	Peters Band	Before construction, Trans Mountain will collect baseline water quality data from existing water supply wells in areas of the reserve that are identified as having potential for contaminated soils. The wells will be resampled after trenching and when construction in the area has been completed. Sampling data will be compared to the baseline conditions.	Peters Band IR No. 2(b).2.5(b)	Prior to Construction	Complete	Superseded by CER Condition	46, 72	Condition 72 RSMT Volume 7, Table 8.3 (CER Filing ID C05600-5 PDF pg 51) summarizes the locations that have been identified as having moderate or high potential for contamination in BC. No contamination was identified in the Peters Band area (KP 1061.25 - 1062.61) Condition 46 Contamination Identification and Assessment Plan, Section 4.0, Table 3 (CER Filing ID A90938 PDF Pg 16). Condition 72 Pipeline EPP, Section 1.0 in Appendix B. (CER Filing ID C01961 Page: B-3 to B-5).
86	Environment	City of Burnaby	Clearing operations for pipeline in the City of Burnaby will not entail any burning activities. Clearing activities for Burnaby will follow non-burning protocols as outlined in Section 8 of the Environmental Protection Plan (EPP), Volume 6B.	City Burnaby IR No. 1.33.27c	Prior to Construction	Complete	Superseded by CER Condition	72	Through Trans Mountain's Condition 72 Pipeline Environmental Protection Plan (CER Filing ID C20382) and through Condition 64b general construction contractor, KLTP's Project Specific Safety Plan (C19234), burning activities will not occur for clearing purposes.

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100	Environment	Adams Lake Indian Band	Prior to construction, a vegetation survey will be conducted to identify if any species that require special consideration before, during and after construction are present along the construction right-of-way. If warranted, detailed vegetation (including rare plants) assessments will be completed at sites where reclamation problems are identified in the Environmental Issues List.	ALIB F-IR No. 1.4.5c	Prior to Construction	Complete	Superseded by CER Condition	40, 42	Condition 40 Rare Ecological Community and Rare Plant Population Management Plan, Section 4.0, Appendix D, E, (CER Filing ID A90904 Page: 17 to 21, D-2 to D-17, E-2 to E-19). Rare plant supplemental surveys, results of all surveys, and pre-disturbance surveys provided in pages listed. Condition 42 Grasslands Survey and Mitigation Plan, Section 3.3 "Baseline Grasslands Survey" (CER Filing ID A84318 PDF pg 22) describes the vegetation surveys completed prior to construction. Condition 72 Volume 6 Reclamation Management Plan (CER Filing ID A86570) provides details on reclamation plans.
113	Environment	Adams Lake Indian Band, Neskonlith Indian Band	Trans Mountain plans to hire qualified Aboriginal monitors for Environmental monitoring and inspection jobs during the construction of the Project.	ALIB IR No. 1.6.04, Neskonlith IB IR No. 1.11.2e	During Construction	Complete	Superseded by CER Condition	98	Section 3.0 in Trans Mountain's filed Condition 98 (CER Filing ID C00105) report provides the Plan for Indigenous Group Participation in Construction Monitoring (page 5) Condition 11a provides details on Aboriginal, Local, Regional Skills and Business Capacity Inventory, which includes hired aboriginal monitors for environmental monitoring and inspection jobs.
128	Environment	Sto:lo Collective	Trans Mountain will discuss the opportunity for Sto:lo participation in pre-construction weed surveys.	Sto:lo Collective Recommendation #35	Prior to Construction	Complete			Pre-construction weed surveys were completed in 2013, and are described in the Vegetation Technical Report (A56012). Dates and participants of the pre-construction vegetation surveys are provided in the report.
135	Environment	City of Abbotsford	Trans Mountain will identify site-specific mitigation measures for parks and trails within the City of Abbotsford during detailed engineering phase and finalization of the pipeline construction right-of-way and included in the Pipeline Environmental Protection Plan.	City of Abbotsford IR No. 1.04b	Prior to Construction	Complete	Superseded by CER Condition	72	No concerns were identified during the consultation that would require additional site-specific mitigation measures. The concerns related to watercourses, wildlife habitat and species at risk are all addressed in the Condition Plans (CER Filing C20382, C14004). Trans Mountain consulted with the City of Abbotsford on their concerns related to municipal parks and trails in October and November 2014 and April 2015.
154	Environment	City of Burnaby	Trans Mountain will incorporate expansion of the Burnaby Terminal into its existing storm water monitoring program, whereby Trans Mountain will continue to monitor any flash drainage events in an effort to identify potential effects and implement necessary measures to reduce or avoid Project-related effects to the Eagle Creek watershed.	City Burnaby IR No. 1.04.05c, Volume 5A, 7-387.	During Operations	Complete			Trans Mountain has included the expanded Burnaby Terminal in the Burnaby Terminal (Phase 1 and Phase 2) Compliance Monitoring Plan, in accordance with the Waste Discharge Permit (WDP). Phase 3 WDP will be issued upon completion of Tanks 96 & 98.
156	Environment	City of Burnaby	Trans Mountain will review the status of the current storm water discharge permit for Westridge Marine Terminal with the BC Ministry of Environment to determine if the existing permit will remain in effect, if the existing permit will require an amendment, or if a new permit will be required.	City Burnaby IR No. 1.20.02a	Prior to Construction	Complete			Ministry of Environment Amended Permit 3678 under the Provisions of the Environmental Management Act dated June 11, 2020. Permit provides authorization to discharge effluent to Burrard Inlet from a jet fuel storage and crude oil shipping facility.
175	Environment	Metro Vancouver	Trans Mountain will engage with Metro Vancouver regarding their request for stack testing and dispersion modelling when engineering plans are further advanced.	Metro Vancouver IR No. 1.1.6.03g	Prior to Construction	Complete			Meetings were held with Metro Vancouver. Dates where stack testing and/or dispersion modelling were discussed include the following: September 25, 2014 and November 13, 2014.
177	Environment	Province of British Columbia	Trans Mountain plans to identify all water wells within the Project Footprint prior to construction.	Province BC IR No. 1.1.38c	Prior to Construction	Complete	Superseded by CER Condition	93	Commitment addressed by CER Condition 93, CER Filing ID A84458, Condition 93 Water Well Inventory, Section 2.0, Page: 6.
195	Environment	NEB	A master watercourse crossing table will be created by combining the Fish Habitat list and the Hydrology list to ensure that all watercourses have been captured and accounted for and submitted as part of Technical Update No. 3 on September 4, 2014.	NEB IR No. 2.101e (Filing ID A324T9), NEB F-IR No. 2.101e (Filing ID A4A7Y8), NEB F-IR No. 2.101e-Attachment 1 (A4A7Y9)	Prior to Construction	Complete	Superseded by CER Condition	43	The master watercourse crossing table was filed to the CER on September 4, 2014 in the Information Request No. 2.101e Attachment 1 (A4A7Y9) Furthermore, the commitment continues to be addressed by CER Condition 43 Watercourse Crossing Inventory filing on March 31, 2017 (CER Filing ID A82366). Update to Condition 43 has since been filed (CER Filing ID C00815 Appendix A-D), CER Filing ID C08399 (Spread 4b update), CER Filing ID C08687 (Spread 1 and 2 update), CER Filing ID C10251 (Spread 5a update). Updates continue to be compiled and filed through CER Condition 43.
206	Environment	City of Burnaby	Trans Mountain land agents will work with private property owners and Trans Mountain Reclamation, in conjunction with Trans Mountain Permitting, on reclamation plans for affected areas. Where deep trenchless methods are used the green belts will not be disturbed.	City Burnaby IR No. 1.33.09d; NEB Route Hearing TMEP Evidence Seg 7 Burnaby	Prior to Construction	Complete	Superseded by CER Condition	72	Commitment addressed by CER Condition 72 Reclamation Management Plan, Section 1.6 (CER Filing ID A86570 page 5).
224	Environment	Sto:lo Collective	Trans Mountain will continue to engage Stó:lō representatives through all phases of the Project. Vegetation monitoring is part of the Post Construction Environmental Monitoring (PCEM) program and vegetation re-establishment will be compared to a similar reference plant community located adjacent to, or within, the vicinity of the construction right-of-way and pre-construction conditions. Discuss the opportunity for Stó:lō participation and input into the planned monitoring scheduled .	Sto:lo Collective Recommendation #38, 39	Post-Construction Monitoring	Complete			Trans Mountain continues to engage with Sto:lo Collective through the operation of the Project as documented through Condition 146 (Filing ID C34490-1, Appendix A, PDF 441-457). Additionally, Trans Mountain's Indigenous Monitoring Policy outlines Trans Mountain's commitment to incorporating Indigenous Monitoring opportunities where appropriate. Trans Mountain has created an approach to include Indigenous participation in Post-Construction Environmental Monitoring (PCEM) through either contract involvement, participation in field surveys, and providing access to PCEM reports.
255	Environment	Squamish Nation	In the event of a spill that were to impact Squamish land Trans Mountain will commit to meet with Squamish to understand the remediation concerns and interests, and work to resolve any issues that are not resolved in the initial clean up.	Squamish Nation IR No. 2.04(h)	During Operations	Complete			Commitment is addressed via Trans Mountain's Emergency Response Plan. Trans Mountain's notification steps following a spill include notifying all affected parties within a defined area (depending on the scope of the spill) which could include Indigenous Health Authorities within the area (e.g First Nations Health Authority in BC). Post-incident, TM initiates the Sampling and Monitoring Plan where steps are taken to ensure resources are protected. On-site community monitors may also provide and assist with the

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									incorporation of local and/or cultural knowledge into response operations and remediation phase.
258	Environment	Adams Lake Indian Band	A minimum of two Environmental compliance audits per year for each individual prime contractor (mainline construction) or construction spread will be conducted by a qualified, third-party consultant.	ALIB IR No. 1.6.07	Project Lifecycle	Complete			Trans Mountain through the Project's Compliance Auditor completed two environmental audits per Spread per year throughout the construction phase of the Project.
259	Environment	Adams Lake Indian Band	Trans Mountain will prepare a spotted owl mitigation plan for the Project, following the guidelines and recommendations provided by BC Ministry of Forests, Lands and Natural Resource Operations (MFLNRO), which have been applied on previous development projects (refer to NEB IR No. 1.46a and c). Trans Mountain will ensure consultation with BC MFLNRO and Environment Canada regarding field survey and mitigation planning for Williamson's sapsucker and Lewis's woodpecker critical habitat continues over the planning phase of the Project to develop appropriate mitigation that meets regulatory expectations and conservation objectives.	ALIB IR No. 1.5.5, NEB IR No. 1.46c	Prior to Construction	Complete	Superseded by CER Condition	38, 44	Commitment addressed by CER Condition 38 Sowaqua Spotted Owl Mitigation Plan, Executive Summary provides details on the guidelines and recommendations followed for this commitment (CER Filing ID A85803). Condition 44 Williamson's Sapsucker and Lewis's Woodpecker Mitigation and Habitat Restoration Plan, Appendix A provides a summary of the regulatory consultation completed between May 2012 to June 2015 (CER Filing ID A90906 Page: A-3 to A-11).
260	Environment	Adams Lake Indian Band	As part of the Post-Construction Environmental Monitoring (PCEM) program, Trans Mountain will monitor the success of access control measures implemented along segments of the construction right-of-way by visually assessing evidence of human access.	ALIB IR No. 1.5.7e	Post-Construction Monitoring	Complete	Superseded by CER Condition	151, 47	As per the requirements of Condition 151, this will continue to be reported within each Post-Construction Environmental Monitoring Program (PCEM) report for each spread, as applicable. Trans Mountain filed Condition 151 PCEM Report for Spread 4B (Filing ID C33286), which included information on access control measures implemented along segments of the right-of-way and how it will continue to be monitored as part of the PCEM requirements.
261	Environment	Adams Lake Indian Band	In areas where natural recovery is unsuccessful, remedial measures will be implemented and may include but not be limited to: soil stability or erosion control measures, seeding areas using an approved native seed mix, planting tree and/or shrubs, or additional access control measures to assist in vegetation establishment, survival and growth.	ALIB F-IR No. 1.5.6a	Post-Construction Monitoring	Complete	Superseded by CER Condition	151	Commitment is superseded by Condition 151 Post-construction environmental monitoring reports where in the post-construction environmental monitoring report Trans Mountain provides an environmental issues list that describes the outstanding environmental issues that were present at the end of construction and identifies the associated actions that will be completed by Trans Mountain to mitigate or resolve the environmental concern. This list was provided in the Condition 151 PCEM and As-Built report for Spread 4B (Filing ID C33286)
265	Environment	Adams Lake Indian Band	Measurable targets will be developed as part of the Post Construction Environmental Monitoring (PCEM) program, by which the success of mitigation measures can be measured and the need for adaptive measures identified.	ALIB IR No. 1.5.2a,c, ALIB IR No. 1.6.2a,b	Post-Construction Monitoring	Complete	Superseded by CER Condition	151	During the development of the various Environmental Condition Plans, Trans Mountain developed measurable goals and targets for Post-Construction Environmental Monitoring. These measurable goals and targets, and an adaptive management approach have been incorporated into the field guides that form the basis of Post-Construction Environmental Monitoring.
266	Environment	Adams Lake Indian Band	Should the potential for serious harm to fish that are part of, or support, a commercial, recreational, or Aboriginal (CRA) fishery unless authorized by the Department of Fisheries and Oceans Canada (DFO) be confirmed either during the self-assessment or upon National Energy Board (NEB) or DFO review, Trans Mountain will develop an appropriate Conceptual Fish Offset Plan (Offset Plan).	ALIB IR No. 1.3.21	Prior to Construction	Complete	Superseded by CER Condition	110	Commitment addressed by CER Condition 110, Authorization(s) under paragraph 35(2)(b) of the Fisheries Act and Species at Risk permit(s) – pipeline, CER Filing ID C06333, DFO Authorization and SARA Permit for Coquihalla, Section 4.0, Page: 4 CER Filing ID C07943, DFO Authorization for Brunette Tributaries, Section 4.0, Page: 5, and DFO Authorization for Swift Creek, Section 4.0, Page: 5.
267	Environment	Adams Lake Indian Band	Trans Mountain commits to developing and implementing a mitigation strategy for potentially affected grizzly bear populations that have an elevated conservation status. This grizzly bear mitigation strategy will include objectives consistent with current regulatory guidelines and will be developed in consultation with the appropriate regulatory authorities.	ALIB IR No. 1.5.7d	Prior to Construction	Complete	Superseded by CER Condition	56	Commitment addressed by CER Condition 56, Grizzly Bear Mitigation Plan, Plan addressees this commitment (CER Filing ID A90913).
268	Environment	Adams Lake Indian Band	Where required under the Canadian Environmental Assessment Act, 2012 and the National Energy Board Filing Manual, follow-up programs will be developed to compare predicted effects of the Trans Mountain Expansion Project to post-construction conditions.	ALIB IR No. 1.6.09b	Post-Construction Monitoring	Complete	Superseded by CER Condition	151	Commitment is addressed by CER Condition 151 (Filing ID C28268), which outlines the requirements for Post-Construction Environmental Monitoring (PCEM). Trans Mountain followed the requirements outlined in CER Condition 151 and the CER Filing Manual as required to develop the PCEM. Measurable goals, targets and performance indicators to evaluate the success of reclamation were developed and approved under the Environmental CER Condition Plans.
269	Environment	Adams Lake Indian Band, Kwantlen First Nation, Landowner - City of Chilliwack, Township of Langley, Waterweath Project	Wherever feasible, watercourse crossing construction activities will be timed to occur within the least risk biological windows to avoid causing serious harm to fishes and remain in compliance with the Fisheries Act.	ALIB IR No. 1.3.13a, ALIB IR No. 1.3.24b; Kwantlen FN IR No. 1.05.3; Langley IR No. 1.01b; Detailed Route Hearing City of Chilliwack Reply Evidence Pro-Information Pro-Environment United People (para 22) (C08070)	Prior to Construction	Complete	Superseded by CER Condition	43, 72	Through TMEP Condition 43 filings to the CER, Trans Mountain provides details on the Watercourse Crossings being completed throughout the Project. The table provides information on whether or not fish habitat are present in the watercourse, dates of least risk, the planned construction timing and project proposed contingency to name a few. Condition 43 update filed in January 2023, provides watercourse crossing inventory for BC, Spreads 3, 4, 5, 6 and 7 (C22999-3)
270	Environment	Angelika Hackett, NEB	Trans Mountain commits to common energy pipeline industry practices to minimize direct greenhouse gas emissions during construction and operation of the pipeline.	Hackett A IR No. 1.2.1b, NEB IR No. 2.019b, NEB IR No. 1.32, NEB IR No. 1.31, NEB IR No. 1.33b	Prior to Construction	Complete	Superseded by CER Condition	52, 53, 54, 55, 72, 79, 85	Trans Mountain commits to minimize direct greenhouse gas emissions as provided through CER Condition 72 Pipeline EPP (Filing ID C20382) Section 7.0, #106 and #107 (PDF pg 38).

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271	Environment	Asini Wachi Nehiyawak Traditional Band	Trans Mountain will notify all relevant aboriginal groups regarding the development of the post construction monitoring Plan for reactivation activities.	AWNTB IR No. 1.05.1b	Post-Construction Monitoring	Complete	Superseded by CER Condition	151	Trans Mountain shared the PCEM program with Indigenous communities in July 2023 and provided a comment period until September 2023. Relief from Condition 151 Post-Construction Environmental Monitoring Program (PCEM) from the Reactivation Valve Locations was granted by the CER on September 26, 2024 (Filing ID C31437). Monitoring of the valve sites and Operations and Maintenance Reactivation work (e.g., natural hazard remediation, integrity digs and pipe replacements) will occur within Trans Mountain's Operations and Maintenance Program, and will include a Post-Disturbance Assessment, which will be completed after one growing season. Any issues identified will be addressed until resolved.
272	Environment	Sto:lo Collective	Trans Mountain welcomes the opportunity to discuss the establishment of infrastructure and capacity for Sto:lo to implement on-going processes of air and water quality monitoring.	Sto:lo Collective Recommendation #53	Prior to Construction	Complete	Superseded by CER Condition	98	Trans Mountain provides an outline of its entire plan through engagement with Indigenous Groups and the Scope of the Indigenous Monitors in its CER Condition 98 Plan for Indigenous Group Participation in Construction Monitoring (CER Filing ID C00105). Trans Mountains CER Condition 52 Air Emissions Management Plan for Westridge Marine Terminal provides Consultation and Engagement with Indigenous Groups in Appendix A (CER Filing ID A82640). Trans Mountains CER Condition 79 Air Emissions Management Plan for the Sumas and Burnaby Terminals provides Consultation and Engagement with Indigenous Groups in Appendix A (CER Filing ID A84102-5)
273	Environment	BC Nature and Nature Canada	Trans Mountain will provide an update on routing in Surrey Bend Regional Park, Colony Farms and Brunette River Greenway in Technical Update No. 1, to be submitted to the NEB in Q3 2014. The update will include additional information and a map of the proposed and alternative corridors being considered.	BC Nature Nature Cda IR No. 1.16a	Prior to Construction	Complete			Technical Update No. 1, CER Filing ID A3Z8F9, Figure 2.2-13, Figure 2.2-14A, Figure 2.2-14B, Technical Update No. 1, CER Filing ID A3Z8G0, Figure 2.2-15.
274	Environment	BC Nature and Nature Canada, City of Burnaby	Trans Mountain is supportive of a collaborative approach to long-term monitoring for marine birds and will endeavour to meet with Environment Canada (EC) to discuss the potential for development of a long-term monitoring program as a partnership with others.	BC Nature Nature Cda IR No. 1.12b, City Burnaby IR No. 1.27.07c	Project Lifecycle	Complete			Trans Mountain collaborated with Environment Canada on the monitoring for marine birds through in-person meetings and utilizing experts on the matter.
277	Environment	BC Parks, NEB	All access roads and trails would be reclaimed or deactivated and revegetated in consultation with BC Parks and other stakeholders.	BC Parks boundary adjustment application (August 2014)	During Construction	Complete	Superseded by CER Condition	72	As per EAO Condition 21, there are no new temporary or permanent access roads, facilities or above ground infrastructure (e.g., valve sites) for the Project located within Spread 4 - Finn Creek Protected Area. Trans Mountain has provided an updated reclamation plan for BC Parks as required under the permit conditions which is approved by BC Parks.
279	Environment	BC Parks, NEB	At pre-determined locations where vegetation is disturbed by construction, the use of plant transplants may be considered. Options for woody species revegetation include installation of nursery grown plant plugs, installation of locally sourced dormant woody species transplants, and seeding of native grass.	BC Parks boundary adjustment application (August 2014)	During Construction	Complete	Superseded by CER Condition	72	Trans Mountain provides details of the locations of environmental and socio-economic features found along the pipeline route through the Resource-Specific Mitigation Tables. RSMTs have been filed to the CER for Spread 4a and 4b outlining the specific mitigation measures within this route.
280	Environment	BC Parks, NEB	During construction, Trans Mountain will ensure that all equipment arriving on site is clean and free of soils and plant materials. Where areas of concern for invasive plant species are identified, machine clean-off stations will be installed to mitigate for the potential for the spread of weeds.	BC Parks boundary adjustment application (August 2014)	Prior to Construction	Complete	Superseded by CER Condition	72	In Trans Mountain's CER Condition 72 filing (C20382) provides details on the steps taken to clean off machines in order to mitigate the spread of weeds. Locations of Biosecurity Cleaning Stations are also filed to the CER: example Spread 1 (C02145).
284	Environment	BC Parks, NEB	Seed mixes will be developed in consultation with the BC Parks conservation specialist and will consist of species native to the park.	BC Parks boundary adjustment application (August 2014)	Prior to Construction	Complete	Superseded by CER Condition	72	Trans Mountain through consultation with BC Parks have developed seed mixes that consist of species native to the parks. Commitment addressed through a letter and Restoration Monitoring Plan.
285	Environment	BC Parks, NEB	Temporary fencing that will protect newly seeded and planted areas from livestock grazing or unauthorized access may be necessary at some sites in the Project Footprint. The need, type and extent of the fencing will be determined in consultation with the land owner or land manager.	BC Parks boundary adjustment application (August 2014)	During Construction	Complete	Superseded by CER Condition	72	Temporary fencing will be utilized as necessary as identified in CER Condition 72, Section 14.3 and in Appendix H Consolidation of Reclamation Measures.
286	Environment	John Black	Trans Mountain will conduct a wildlife survey at the Burnaby Terminal prior to clearing and construction activities.	Black J IR No. 1.2.1a	During Construction	Complete	Superseded by CER Condition	78	As part of the Environmental Protection Plan (CER Condition 78 [C06991]), Trans Mountain conducted wildlife surveys at the Burnaby Terminal prior to clearing and construction activities. The surveys were conducted by a third party, who provided reports with the details of the surveys.
287	Environment	Burnaby Residents Opposing Kinder Morgan Expansion - BROKE, City of Burnaby, Tsleil-Waututh Nation	Trans Mountain has committed to filing the detailed human health risk assessment with the National Energy Board on June 16, 2014.	BROKE IR No. 1.7e, BROKE IR No. 1.3c, City Burnaby IR No. 1.01.09d, Tsleil-Waututh Nation IR No. 1.4.2b	Prior to Construction	Complete			The Human Health Risk Assessment of Westridge Marine Terminal Technical Report was filed with the National Energy Board on June 16, 2014 (Intrinsic 2014), CER Filing IDs A3Y1F4 and A3Y1F5.
288	Environment	Canadian Parks and Wilderness Society - BC Chapter	An affected area analysis for Old Growth Management Areas (OGMAs) has been completed and will be updated when the construction right-of-way is finalized. Trans Mountain is working with the BC Ministry of Forests, Lands and Natural Resource Operations to complete OGMA mitigation commitments.	CPAWS IR No. 1.2.1	Prior to Construction	Complete	Superseded by CER Condition	76	"A refined Old Growth Management Area (OGMA) impact analysis was conducted to assess the impacts based on the Project Footprint, which is considerably narrower than the pipeline corridor width (the Corridor) that had been previously assessed and reported on in Technical Report 5D-4 of Volume 5D, Managed Forest Areas and Forest Health Technical Report (B.A. Blackwell & Associates Ltd. 2013). Trans Mountain has conducted multiple Project Footprint revisions to optimize the pipeline construction footprint in

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									conjunction with environmental screening to identify and avoid or minimize OGMA impacts, as practical." The new analysis is filed under Condition 76 Old Growth Management Areas Mitigation and Replacement Plan (CER Filing ID A84120)
289	Environment	Canadian Parks and Wilderness Society - BC Chapter, NEB, New Democratic Party of Canada	Trans Mountain will file the spotted owl mitigation plan with the NEB 6 months prior to commencing construction in Wildlife Habitat Areas.	NEB IR No. 1.46c, CPAWS IR No. 1.2.4, NDP IR No. 1.1.8f	Prior to Construction	Complete	Superseded by CER Condition	38	Trans Mountain initial filing of Condition 38 Sowaqua Spotted Owl Mitigation Plan was on March 1, 2017 (A81923). The CER requested additional information (A84550), in which Trans Mountain provided an updated filing of Condition 38 on September 1, 2017 (A85803). Both filings were completed 6 months prior to commencing construction in Wildlife Habitat Areas.
290	Environment	Canadian Parks and Wilderness Society - BC Chapter, NEB, New Democratic Party of Canada	Trans Mountain will provide an update on consultation related to the mitigation strategy for the North Cascades Grizzly Bear Population Unit with the filing of NEB IR Round 2 responses in Q3 2014.	NEB IR No. 1.47c, CPAWS IR No. 1.2.4, NDP IR No. 1.1.8f	Prior to Construction	Complete	Superseded by CER Condition	56	Trans Mountain initially provided updates on consultation in Condition 56 Grizzly Bear Mitigation Plan filed on May 1, 2017 (A83058). The Plan was updated on March 28, 2018 (CER Filing ID A90913) which also included documentation in Appendix A on consultation and engagement.
291	Environment	Canadian Parks and Wilderness Society - BC Chapter, NEB, New Democratic Party of Canada	Trans Mountain will provide details of mitigation strategies for Lewis's woodpecker and Williamson's sapsucker in NEB IR Round 2 responses in Q3 2014.	NEB IR No. 1.45c, CPAWS IR No. 1.2.4, NDP IR No. 1.1.8f	Prior to Construction	Complete	Superseded by CER Condition	44	Trans Mountain provides mitigation strategies in the Condition 44 filing for Williamson's Sapsucker and Lewis's Woodpecker Mitigation and Habitat Restoration Plan filed on March 28, 2018 (CER Filing ID A90906).
292	Environment	Canadian Parks and Wilderness Society - BC Chapter, NEB, New Democratic Party of Canada	Trans Mountain will provide results of meeting with Environment Canada (EC) and BC Ministry of Forests, Lands and Natural Resource Operations (MFLNRO) related to Lewis's woodpecker and Williamson's sapsucker during NEB IR Round 2.	CPAWS IR No. 1.2.4, NEB IR No. 1.45b, NDP IR No. 1.1.8f	Prior to Construction	Complete			Condition 44, Williamson's Sapsucker and Lewis's Woodpecker Mitigation and Habitat Restoration Plan, CER Filing ID A90906, Appendix A, Table A-2 and Table A-3, Page: A-3 to A-4, A-6.
293	Environment	Canadian Parks and Wilderness Society - BC Chapter, NEB, New Democratic Party of Canada	Trans Mountain will provide results of meeting with Environment Canada (EC) during NEB IR Round 2.	NEB IR No. 1.44c and d	Prior to Construction	Complete	Superseded by CER Condition	44	Trans Mountain has provided meeting results with Environment and Climate Change Canada (formerly Environment Canada) for Pacific Water Shrew, Townsend's Mole and Pacific Giant Salamander through filings under Condition 44 specific to the mitigation plans put in place. The details can be found in Appendix A for the following filings: CER Filing ID A90911 Pacific Water Shrew Mitigation and Habitat Restoration Plan Appendix A (Table A-2 and Table A-3) CER Filing ID A90905 Coastal Giant Salamander Mitigation and Habitat Restoration Plan, Appendix A (Table A-2 and Table A-3) CER Filing ID A85074 Townsend's Mole Mitigation and Habitat Restoration Plan, Appendix B (Table B-2 and Table B-3)
294	Environment	Canadian Parks and Wilderness Society - BC Chapter, NEB, New Democratic Party of Canada	Trans Mountain will update the Project Pipeline Environmental Protection Plan with additional site-specific mitigation measures for watercourses identified as critical Nooksack dace habitat, to be filed at least 90 days prior to construction.	CPAWS IR No. 1.2.4, NEB IR No. 1.52d, NEB IR No. 1.52e, NDP IR No. 1.1.8f	Prior to Construction	Complete	Superseded by CER Condition	75	Trans Mountain provided site specific mitigation measures for watercourses identified as critical Nooksack dace habitat in the CER Condition 75 filing on June 1, 2017 (CER Filing ID A84146) Section 3.0. Mitigation plans can also be found in updated filing to Condition 72 (CER Filing ID C20382), Pipeline EPP (Appendix G Nooksack Dace (NDC) and Salish Sucker (SSU) Management Plan), Section 8.1 (PDF pg 409)
295	Environment	Canadian Parks and Wilderness Society - BC Chapter, Catherine Jensen, City of Coquitlam, NEB, Neskoniith Indian Band, New Democratic Party of Canada, Pro Information Pro Environment United People Network	If the results of the Stage 2 watercourse assessment change any of the conclusions presented in the Environmental and Socio-Economic Assessment (Volume 5A of the Application), Trans Mountain will submit an update to the NEB in Q4 2014.	CPAWS IR No. 1.2.4, NEB IR No. 1.52a, NEB IR No. 1.52b, NEB IR No. 1.52c, NEB IR No. 1.52d, NEB IR No. 1.52e, NEB IR No. 1.53a, NEB IR No. 1.53b, NEB IR No. 1.53c, NEB IR No. 1.53d, NEB IR No. 1.53e, NEB IR No. 1.53f, NEB IR No. 1.53g, NEB IR No. 1.53h, NEB IR N	Prior to Construction	Complete			Condition 43 Watercourse Crossing Inventory, CER Filing ID A82366, A82369, A82390, A82392, A82395, A82397, A82400, A82405, A82409, Updated Condition 43 Appendix A-D, CER Filing ID C00815.
296	Environment	City of Abbotsford	Abbotsford – Sumas Aquifer will be assessed as a high consequence area.	Technical Update No. 1 and Consultation Update No. 2 - Part 5 Update Stakeholder Engagement Part 01. Table 1.6.3-1	Prior to Construction	Complete			Trans Mountain Pipeline (TMPL) Risk Results dated August 11, 2014, CER Filing ID A4A4E9, A4A4F0, Attachment A, PDF Page: 39.
297	Environment	City of Abbotsford, NEB	Vedder Aquifer will be assessed as a high consequence area.	Technical Update No. 1 and Consultation Update No. 2 - Part 5 Update Stakeholder Engagement Part 01. Table 1.6.3-1	Prior to Construction	Complete			Trans Mountain Pipeline (TMPL) Risk Results dated August 11, 2014, CER Filing ID A4A4E9, A4A4F0, Attachment A, PDF Page: 38 to 39.

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298	Environment	City of Burnaby	A Post-Construction Environmental Monitoring program will be conducted following construction to monitor any potential effects of the activities on adjacent vegetation.	City Burnaby IR No. 1.38.02b	Post-Construction Monitoring	Complete	Superseded by CER Condition	151	Vegetation monitoring is captured through Trans Mountain's Post-Construction Monitoring Program, filed through CER Condition 151.
300	Environment	City of Burnaby	If contaminated soil is encountered during construction, Trans Mountain will implement the Contamination Discovery Contingency Plan as identified in Section 5.2.4 of Volume 5A and Section 1, Appendix B of Volume 6B.	City Burnaby IR No. 1.43.03f	Prior to Construction	Complete	Superseded by CER Condition	46, 72, 78, 81	Trans Mountain has provided the Contamination Discovery Contingency Plan in CER filings for Condition 46, 72, Condition 78 and Condition 81 where implementation measures are laid out in the discovery of soil contamination during construction.
301	Environment	City of Burnaby	Trans Mountain is completing additional dispersion modelling to inform engineering design related to terminal operations during product loading and unloading. This information will be provided in the Technical Update No. 1 in Q3 2014.	City Burnaby IR No. 1.28.02a, City Burnaby IR No. 1.28.03a, FVRD IR No. 1.02a, FVRD IR No. 1.09a, GoC EC IR No. 1.063, GoC EC IR No. 1.096c, GoC EC IR No. 1.103a, Living Oceans IR No. 1.21a, Living Oceans IR No. 1.58b, Metro Vancouver IR No. 1.1.6.01b, Metro Vancouver IR No. 1.1.6.02a, Metro Vancouver IR No. 1.1.6.03a, Metro Vancouver IR No. 1.1.6.03b, Metro Vancouver IR No. 1.1.6.03h	Prior to Construction	Complete			Trans Mountain met with the LFVAQCC on September 25, 2014 and November 13, 2014 to discuss the Project. Members of the LFVAQCC include Environment Canada, the Province of British Columbia (BC Ministry of the Environment), Metro Vancouver, Port Metro Vancouver and the Fraser Valley Regional District. Responses to Lower Fraser Valley Air Quality Coordinating Committee Informal Information Requests from September 25 and November 13, 2014 Meetings Air Quality, Human Health Risk and Marine Spill Assessments Trans Mountain Expansion Project, CER Filing ID A64686.
302	Environment	City of Burnaby	Trans Mountain will add a statement to the Environmental protection plans for the Pipeline, Facilities and Westridge Marine Terminal components of the Trans Mountain Expansion Project that it will continue to work with local municipalities to develop weed control plans that will be required for the Project.	City Burnaby IR No. 1 - 20.04b	Prior to Construction	Complete			A statement regarding collaboration with local municipalities to develop weed control plans has been added to the Environmental Protection Plans in the CER Condition 72, Condition 78, and Condition 81.
303	Environment	City of Burnaby	Trans Mountain will adopt all mitigation measures recommended in Technical Report 5C-3 of Volume 5C, Terrestrial Noise and Vibration Technical Report (RWDI December 2013).	City Burnaby IR No. 1.27.02a	During Construction	Complete	Superseded by CER Condition	74, 80, 86, 141	Trans Mountain has implemented noise management plans throughout the Project. Through filings to the CER, Condition 74 HDD Noise Management Plan, Condition 80 Terminals Construction Noise Management Plan, and Condition 86 Burnaby Mountain Tunnel Construction Noise Management Plan have adopted measures recommended in the Terrestrial Noise and Vibration Technical Report. CER Filing ID C02395, Condition 74 HDD Noise Management Plan (PDF pg 92 "South Fraser Perimeter Road East") CER Filing ID C06928, Condition 80 Terminals Construction Noise Management Plan CER Filing ID C05211, Condition 86 BMT Construction Noise Management Plan
304	Environment	City of Burnaby	Trans Mountain will commit to supplying Living Oceans with the hourly meteorological data that has been collected since the commissioning of the Automated Monitoring System (SAM) units at the Burnaby Terminal by August 15th, 2014.	City Burnaby Attachment - Table 1.04.14h	Prior to Construction	Complete			Trans Mountain filed this detailed data on the public record on August 15, 2014 in follow-up to its initial response to City of Burnaby IR No. 1.04.04h. Reference Filing ID A62290 and in particular Exhibits B252 1 through B252 7 forming part of that submission.
305	Environment	City of Burnaby	Trans Mountain will prepare an Air Emissions Management Plan for the Westridge Marine Terminal as per NEB Draft Condition No. 19 (August 2015) which will involve installing a new ambient air quality monitoring station.	City Burnaby IR No. 1.04.14h, City Burnaby IR No. 1.28.01c, City Burnaby IR No. 1.03.07f, City Burnaby IR No. 2.085, City Burnaby IR No. 2.086, NEB IR No. 1.35a, DNV IR No. 1.5.03d, Metro Vancouver IR No. 1.1.6.03i, FVRD IR No. 2.19.	Prior to Construction	Complete	Superseded by BC EAO	52	The installation of the new ambient air quality monitoring station and two passive samplers are presented through Condition 52 filing of the Air Emissions Management Plan for Westridge Marine Terminal, filed on June 15, 2017 (TMEPs response to IR No. 18; CER filing ID A84415).
306	Environment	Sto:lo Collective	Trans Mountain welcomes the opportunity to discuss the establishment of infrastructure and capacity for Sto:lo to implement on-going processes of air and water quality monitoring.	Sto:lo Collective Recommendation #53	Project Lifecycle	Complete	Superseded by CER Condition	98	Trans Mountain provides an outline of its entire plan through engagement with Indigenous Groups and the Scope of the Indigenous Monitors in its CER Condition 98 Plan for Indigenous Group Participation in Construction Monitoring (CER Filing ID C00105). This is a duplicate of Commitment 272.

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310	Environment	Environment Canada	Trans Mountain proposes to meet with Environment Canada (EC) and the other intervenors involved in the Lower Fraser Valley Air Quality group who are interested, in Q3 2014 to clarify assumptions and methodology for an updated marine air quality/greenhouse gas assessment using the Marine Emission Inventory Tool (MEIT) to be conducted in 2015. (IR: EC requests that the Proponent re-evaluate the Base Case with berth and anchorage emissions included.)	Environment Canada Attachment - Table 1.058	Prior to Construction	Complete			Trans Mountain met with the LFVAQCC on September 25, 2014 and November 13, 2014 to discuss the Project. Members of the LFVAQCC include Environment Canada, the Province of British Columbia (BC Ministry of the Environment), Metro Vancouver, Port Metro Vancouver and the Fraser Valley Regional District. Responses to Lower Fraser Valley Air Quality Coordinating Committee Informal Information Requests from September 25 and November 13, 2014 Meetings Air Quality, Human Health Risk and Marine Spill Assessments Trans Mountain Expansion Project, CER Filing ID A64686.
311	Environment	Environment Canada, Metro Vancouver	Trans Mountain recognizes that updating the photochemical modeling using the updated Marine Emission Inventory Tool (MEIT) would be valuable to Environment Canada (EC), Metro Vancouver (MV) and Fraser Valley Regional District (FVRD) and commits to undertaking a similar modeling effort but using the updated MEIT when it is available. This update using the Community Multi-Scale Air Quality model would not include all of the additional scenarios (i.e., another ozone episode, typical ozone episode under other meteorological conditions, seasonal and annual time periods) jointly requested by EC, MV and FVRD.	Environment Canada- Attachment - Table 1.076a)	Prior to Construction	Complete			Reply Evidence Appendix 33C - Air Quality Modelling, Updated Community Multi-scale Air Quality (CMAQ) Photochemical Modelling for the TMEP, CER Filing ID A45716.
313	Environment	Fraser Valley Regional District	Trans Mountain is committed to conducting water quality monitoring during construction.	FVRD IR No. 1.27b	During Construction	Complete	Superseded by CER Condition	72	Water quality monitoring was conducted by Triton throughout construction.
314	Environment	Fraser Valley Watersheds Coalition	In the event an amphibian salvage is needed, a specific plan will be developed for that location. Conditions of the amphibian salvage permit will be adhered to.	FVWC IR No. 1.2.4	During Construction	Complete	Superseded by CER Condition	72	As detailed through CER Condition 72 Pipeline Environmental Protection Plan, Section 14.3 #17 (Filing ID C20382), Trans Mountain addresses amphibian salvage requirements through site specific RSMT's (Filing ID C14004, Section 4.0)
315	Environment	Environment Canada, NEB	If a wetland is determined to not be on the trajectory to returning to pre-construction functional condition at the end of the Wetland Function Post-construction Monitoring Program (i.e., post-construction functional condition category is less than the pre-construction category), Trans Mountain will discuss the next steps with the NEB and Environment Canada (EC) to achieve the goal of "no net loss" of wetland function.	NEB IR No. 2.051b, GoC EC IR No. 2.051	Post-Construction Monitoring	Complete	Superseded by CER Condition	41	Commitment is superseded by Condition 156 (e) Wetland Reclamation Evaluation Report and Offset Plan, for any wetland that has not achieved reclamation success in terms of overall wetland function, and for any wetland to which no-net-loss under the Federal Policy on Wetland Conservation applies and that has had a temporary or ongoing loss in any individual functional condition, a Final Wetland Offset Plan that updates the Preliminary Wetland Offset Plan required by Condition 41, and that also includes details with rationales on the amount and type of offsets required, the offset measures to be implemented, the selection of compensation sites, identification of the parties involved in planning and implementation and their respective roles and responsibilities, a timeline for implementation, and the methods and schedule for monitoring and reporting to demonstrate offset success.
316	Environment	Environment Canada	Trans Mountain is committed to working with provincial regulatory agencies, tenure holders, Aboriginal communities and other stakeholders to identify opportunities to address potential residual Project effects on southern mountain caribou habitat.	EC P-IR No. 1.16	Prior to Construction	Complete	Superseded by CER Condition	37	Trans Mountain provided drafts of Condition 37 Caribou Habitat Restoration Plan to provincial regulatory agencies, tenure holders, Indigenous groups and other stakeholders for their feedback. These details have been provided in the CER Condition 37 filing (CER Filing ID A85071), Preliminary Caribou Habitat Restoration Plan, in Section 4.0 and Appendix B (Page: 14, B-1 to B-13).
318	Environment	Environment Canada	Trans Mountain will meet with Environment Canada (EC) in to discuss a collaborative, industry-wide approach to the development of a long-term monitoring program for marine birds.	EC P-IR No. 1.19	Prior to Construction	Complete			Trans Mountain met with Environment Canada to discuss long term monitoring program for offshore birds in the Strait of Juan de Fuca in on May 23, 2017.
320	Environment	Environment Canada	Trans Mountain will ensure Peacock vinyl lichen (<i>Leptogium polycarpum</i>) is identified as a potential rare plant and lichen species for the BC component of the proposed project	GoC EC IR No. 1.048	Prior to Construction	Complete			Condition 40, CER Filing ID A90904, Rare Plants and Rare Ecological Communities Management Plan, Section 4.1, Page: 17. Volume 5C, ESA - Biophysical Technical Reports Project Vegetation Technical Report, CER Filing ID A56012, Section 4.3.2, Table 4.3.2.1 Federal Species of Concern Along the BC Portion of the Proposed Pipeline Corridor, Page: 4-25.
321	Environment	Environment Canada	Trans Mountain will continue to consult with Environment Canada (EC) regarding recommendations and site-specific mitigation for Species at Risk Act (SARA) listed vegetation species that exist along the Project footprint.	GoC EC IR No. 1.046	Prior to Construction	Complete	Superseded by CER Condition	40	The measures Trans Mountain has implemented for the critical habitats identified are provided in Condition 40, Section 5.1 (A90904, PDF pg 31). Environment and Climate Change Canada (ECCC; formerly Environment Canada) provided a list of vegetation species within SARA. Trans Mountain has provided these details within the CER Condition 40 filing (Filing ID A90904) for Rare Ecological Community and Rare Plant Population Management Plan in Section 3.3.2.2, 5.1 (Page: 13, 23).
322	Environment	Environment Canada	Where conflicts in mitigation measures such as timing windows may arise, Trans Mountain will consult with the appropriate provincial regulatory agencies to determine practical and effective mitigation.	GoC EC IR No. 1.054	Prior to Construction	Complete	Superseded by CER Condition	37, 38, 44, 56	Trans Mountain provides consultation and engagement activities within species-specific mitigation and habitat restoration plans filed through CER Conditions 37, 38, 44, and 56.
323	Environment	Natural Resources Canada	Environmental Inspectors will log the locations of highly vulnerable aquifers where mitigation measures are needed. These locations will be documented in the Construction As-Built report.	GoC NRCAN IR No. 1.04.1	During Construction	Complete	Superseded by CER Condition	72	As detailed through CER Condition 72 Pipeline Environmental Protection Plan, Section 14.3 (Filing ID C20382), Trans Mountain addresses highly vulnerable aquifers through site specific RSMT's. Condition 130 provides details on the vulnerable aquifers along the pipeline route (Filing ID C22683, Section 4.0).
324	Environment	Natural Resources Canada	In the event that highly decayed logs with suitability to provide wildlife habitat are encountered, they will be set aside during construction and then replaced onto the right-of-way during final clean-up, where possible.	GoC NRCAN IR No. 1.06.0	Prior to Construction	Complete	Superseded by CER Condition	44	Trans Mountain provides measures on setting aside highly decayed logs during construction, and replacing them post-construction. The details are provided through species-specific mitigation and habitat restoration plans filed through CER Conditions 44. Williamson's Sapsucker and Lewis's

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									Woodpecker Mitigation Western Rattlesnake and Great Basin Gophersnake Mitigation Oregon Forestsnail Mitigation
326	Environment	Parks Canada Agency	The restoration program for works conducted within Jasper National Park that cause disturbance to soil and vegetation will be based on classifications according to the soil and vegetation types as described in the Ecological Land Classification system for Jasper National Park.	GoC Parks IR No. 1.2.3	Prior to Construction	Complete	Superseded by CER Condition	72	The seed mixes are developed by the Reclamation Subject Matter Experts and are approved by the land owner or Appropriate Government Authority prior to seeding. In this case, the seed mixes were developed and approved by Parks Canada, details are provided in Table I-2 (PDF pg 304) "Jasper National Park 2016 Mix approved by Parks Canada (Calamovilfa longifolia)" of CER Condition 72 Volume 6 Reclamation Management Plan (CER Filing ID A86570). Through Trans Mountain's Reclamation Plan for Jasper National Park, the plans are provided by using the Jasper Ecological Land Classification System to determine the vegetation and soil levels.
327	Environment	Parks Canada Agency	Trans Mountain is committed to monitor specific issues beyond the five years in Jasper National Parks if Environmental issues warrant. Trans Mountain is committed to the standards outlined in the Line Leaseholders Working Group.	GoC Parks IR No. 1.2.7	During Operations	Complete			The final version of the MODERs are in Appendix F of the Rev 3 Reactivation EPP. To be filed with the CER.
328	Environment	Parks Canada Agency	Trans Mountain is committed to the Management Objective / Desired End Result with respect to Heritage Resources for reactivation activities in Jasper National Park.	GoC Parks IR No. 1.3.3	Prior to Construction	Complete	Superseded by CER Condition	72	Trans Mountain has filed with the CER Condition 72, Reactivation EPP (C11146) where in Appendix F, (Page: F-1 to F-10) provisions to the Management Objective / Desired End Result for Jasper National Park are provided.
329	Environment	Parks Canada Agency	Trans Mountain is committed to working with the Parks Canada Agency in developing a set of Management Objectives / Desired End Results that addresses commemorative integrity for the proposed reactivation activities on the Trans Mountain Expansion Project.	GoC Parks IR No. 1.3.1	Prior to Construction	Complete	Superseded by CER Condition	72	Trans Mountain has filed with the CER Condition 72, Reactivation EPP (C11146) where in Appendix F (PDF pg 171-173) provisions to the Management Objective / Desired End Result are provided in part A3.9 in Table F-1, and Table F-2.
330	Environment	Metro Vancouver	Trans Mountain commits to meet with Metro Vancouver to discuss the methodology and results related to meeting applicable ambient air quality objectives.	Metro Vancouver Attachment - Table 1.1.6.04b	Prior to Construction	Complete			A meeting took place on November 13, 2014 at the Environment Canada Office in Vancouver. Documentation of correspondence with Metro Vancouver to discuss air quality were provided to the CER as part of CVA2021-395 Round 1, IR#7.
331	Environment	Metro Vancouver	Trans Mountain will install a new ambient monitoring station at the Westridge Marine Terminal in 2015 to meet the requirements of NEB Draft Condition 21 (April 2014) which requires the methods and schedule for ambient monitoring of contaminants of potential concern in air including particulate matter, carbon monoxide, nitrogen dioxide, sulphur dioxide, hydrogen sulphide and volatile organic compounds.	Metro Vancouver IR No. 1.1.6.03i	Prior to Construction	Complete	Superseded by CER Condition	52	Trans Mountain filed a Confirmation and Relief Request to the CER on April 8, 2021 (Filing ID C12320) to overtake and replace Commitment 331 with Condition 52 filings (Filing IDs A82640 and A84415). On November 21, 2023, in CER Letter Decision No. 248 (Filing ID C27360) the CER confirms that Condition 52 has overtaken and replaced this Commitment.
332	Environment	Sto:lo Collective	Trans Mountain welcomes the opportunity to discuss infrastructure and capacity for Sto:lo heritage resource management technical involvement as construction monitors, to ensure protection of sites, and to ensure Sto:lo practices are maintained.	Sto:lo Collective Recommendation #54	Prior to Construction	Complete	Superseded by CER Condition	98	Since the last Condition 98 filing, Trans Mountain has executed an Indigenous Monitor contract with Stó:lō Research and Resource Management Centre on behalf of S'ólh Téméxw Stewardship Alliance (STSA) and TTML. CER Condition 98 (CER Filing ID C00105) provides Trans Mountain's approach to involving Indigenous groups in construction monitoring related to the protection of traditional land and resource use and cultural/heritage values for pipeline, terminals and pump stations, and related to traditional marine resource use (TMRU) during the construction of the Westridge Marine Terminal.
333	Environment	Township of Langley	Trans Mountain will ensure that all construction equipment is free of invasive species seeds or debris when it arrives on the construction right-of-way. General pipeline construction mitigation measures regarding weeds and vegetative debris that may be applicable to the pipeline throughout all phases of construction are outlined in the Application, Section 7.0 of the Pipeline Environmental Protection Plan (Volume 6B) as well as the Weed and Vegetation Management Plan (Section 14.0 of Appendix C of Volume 6B). These mitigation measures will be implemented, as warranted, by Trans Mountain, its Contractors and subcontractors prior to and during construction.	Langley IR No. 1.09c	Prior to Construction	Complete	Superseded by CER Condition	45, 72	Commitment addressed by Condition 45 (Filing ID A86546) Weed and Vegetation Management Plan, Section 5.2 and Condition 72 (Filing ID C01961) Pipeline EPP, Section 7.0.
334	Environment	Tsartlip First Nation	Archaeological heritage resource information received from participating communities will be reviewed in order to confirm mitigation measures including those found in the Environmental Protection Plans (Volume 6B, 6C and 6D).	Tsartlip FN IR No. 1.2.7.1	Prior to Construction	Complete	Superseded by CER Condition	72, 78, 81, 100	Table 4.1 in Trans Mountain's Condition 100 filing to the CER (C01853), provides a summary of the indigenous groups that provided sacred and cultural site information. Section 4.1 (PDF pg 22) provides details on the mitigation measures for sacred and cultural sites.
335	Environment	Upper Nicola Band	An Avian Protection Plan will be prepared for the Project that will provide more detail on the potential effects and proposed mitigation measures.	Upper Nicola Band - Attachment - Table 1.16f Upper Nicola Band IR No. 1.16j (Filing ID: A3Y3V1)	Prior to Construction	No Longer Applicable			An avian protection plan was proposed to mitigate the effects of powerlines on avian species. Given that the powerlines are not under consideration for the Project, this commitment no longer applies. EAO Letter 313339 dated January 18, 2018.
337	Environment	Vancouver Fraser Port Authority DBA Port Metro Vancouver	Trans Mountain will complete post-construction noise monitoring at the Westridge Marine Terminal as per NEB Draft Condition No. 57 (April 2014) relating to post-construction noise surveys at select terminals.	PMV IR No. 1.3.2, Cameron School Parents IR No. 1.2.2a, PMV IR No. 1.3.2, Miller IR No. 2.03b	Post-Construction Monitoring	Complete	Superseded by CER Condition	141	Commitment is superseded by Condition 141 Post-construction noise surveys. Trans Mountain will file to the CER, the results of post-construction noise surveys conducted at the Sumas and Burnaby Terminals and at the Westridge Marine Terminal, demonstrating compliance with the British Columbia Oil and Gas Commission's British Columbia Noise Control Best Practices Guideline (2009), and any further mitigation that Trans Mountain will undertake to achieve compliance.
338	Environment	NEB	An estimation of old growth areas impacted by the Project will be provided in the first half of 2015 once the construction right-of-way and footprint is further delineated.	NEB IR No. 2.053e	Prior to Construction	Complete	Superseded by CER Condition	76	Trans Mountain filed the Old Growth Management Areas Mitigation and Replacement Plan through CER Condition 76 on June 1, 2017 (CER Filing ID

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									A84120), in which Section 3.2.1 and Table 3 provides details on the impacted areas requiring replacement.
339	Environment	NEB	Appendix M of the Pipeline Environmental Protection Plan will be updated 90 days prior to commencing construction.	NEB IR No. 1.18e, NEB IR No. 1.18d	Prior to Construction	Complete	Superseded by CER Condition	72	Trans Mountain provided an update to Appendix M through individual Spread filings through out Condition 72 Volume 7 RSMT. The following are the filings: Spread 1: CER Filing ID C00470 RSMT Section 2.0, Page 6 Spread 2: CER Filing ID C00475 RSMT Section 2.0, Page: 7. Spread 3/4a: CER Filing ID C05272 RSMT Section 2.0, Page: 7. Spread 4b: CER Filing ID C03930 RSMT Section 2.0, Page: 6. Spread 5a: CER Filing ID C04634 RMST Section 2.0, Page: 8 to 9. Spread 5b: CER Filing ID C05600 RSMT Section 2.0, Page: 6. Spread 6: CER Filing ID C14004 RSMT Section 2.0, Page: 8 Spread 7: CER Filing ID C03931 RSMT Section 2.0, Page 6.
340	Environment	NEB	Appropriate mitigation (e.g., scheduling to avoid periods when birds congregate, protective buffers) will be implemented to reduce the potential Project effects on migratory birds.	Technical Update No. 1 and Consultation Update No. 2 Part 5, Part 01, Table 1.6.3-1	During Construction	Complete	Superseded by CER Condition	72, 78, 81	Commitment addressed by CER Condition 72 Pipeline EPP & RSMT filings, 78 Facilities EPP, and 81 Westridge Marine Terminal EPP.
341	Environment	NEB	Appropriate mitigation (e.g., soil handling, erosion control) and monitoring activities will be implemented during construction to maximize reclamation success. Project-generated garbage or debris will be removed regularly from along the construction right-of-way and facility sites. After the pipeline trench has been backfilled, and once weather and soil conditions permit, cleanup and reclamation activities will start along the disturbed portions of the pipeline right-of-way. This will be done using bulldozers, backhoes, graders and farm equipment, where required. The topsoil or stripping will be replaced, and cross ditches and diversion berms will be installed on moderate and steep slopes to reduce the risk of erosion.	Pre-Application Project Description, p 21.	During Construction	Complete	Superseded by CER Condition	72	Trans Mountain has provided construction mitigation and monitoring direction for topsoil, stripping, garbage and debris disposal in CER Condition 72 filing (Filing ID C20382): Topsoil Material Handling and Grading Section 10 (PDF pg 59) Garbage Storage Section 7.0 #122 Garbage and Debris Section 13.1 #14 Waste Management Plan Appendix G Section 3.1 (PDF pg 313)
342	Environment	NEB	As part of Trans Mountain's commitment to Environmental protection, Trans Mountain will minimize potential adverse impacts to wetlands by repairing any erosion control or restoration features until permanent revegetation is successful.	Technical Update No. 1 & Consultation Update No. 2 - Part 2 Table 1.6.2-1	Post-Construction Monitoring	Complete	Superseded by CER Condition	41	Through Trans Mountain's Condition 151 requirements each PCEM report describes the erosion control repairs and revegetation completed during construction and final clean up (See Section 4.1 (Landscape) of the Environmental As-Built in PCEM Spread 1 (C27899) and Spread Spread 4B (C33286)). Appendix B of the Environmental As-Built Report for Spread 4B and Spread 1 describes the environmental concerns and mitigation measures implemented during construction. Appendix D (Environmental Issues List) of the Post-Construction Monitoring Reports for Spread 1 (C28268) and Spread 4B (C33286) further describes the mitigation measures and corrective actions implemented for sediment and erosion control structure maintenance, and remedial actions taken to minimize potential adverse impacts to wetlands.
343	Environment	City of Burnaby, NEB	As with all of its construction Projects, Trans Mountain will reclaim any areas that are affected by the Project. Trans Mountain is committed to reclamation of the pipeline right-of-way and surrounding areas following construction.	Application Volume 5B, 3-64; NEB Route Hearing TMEP Evidence Seg 7 Burnaby; NEB Route Hearing Transcript Seg 7 Vol 2	Post-Construction Monitoring	Complete	Superseded by CER Condition	72	Commitment is addressed by CER Condition 72, Reclamation Management Plan (Filing ID A86570). The reclamation plan includes reclamation strategies and mitigation measures for all areas disturbed by project activities pre and post construction (PDF pg 3).
344	Environment	NEB	Details of mitigation strategies for Pacific water shrew will be provided with the filing of NEB IR Round 2 responses in Q3 2014.	NEB IR No. 1.44c	Prior to Construction	Complete	Superseded by CER Condition	44	Trans Mountain provided a follow-up response to the NEB IR 1.44 on July 21, 2014 where a suggested approach or framework for mitigation plans on the Pacific water shrew were provided. Trans Mountain also provided a mitigation plan for the Pacific Water Shrew 4 months prior to commencing construction through CER Condition 44 (Filing ID A90911) Pacific Water Shrew Mitigation and Habitat Restoration Plan.
345	Environment	NEB	Due to the existing cumulative effects risk for grizzly bear and management guidance to avoid further effects, Trans Mountain will implement mitigation measures to minimize effects on this species (see response to NEB IR No. 1.47 [Filing ID A3W9H8]).	NEB F-IR No. 2.034b, NEB IR No. 2.034b	Prior to Construction	Complete	Superseded by CER Condition	56, 72	Trans Mountain provides mitigation measures through CER Condition 56, Grizzly Bear Mitigation Plan (Filing ID A90913), specifically details on the Cumulative Effects Framework developed within the Grizzly Bear Value Summary (PDF pg 13 "BC Grizzly Bear Conservation Strategy") provide insight into the risks and how to minimize effects to grizzly bears.
347	Environment	NEB	For acoustic environment, the monitoring results will be filed with the NEB within 6 months of conducting the initial measurements. Measurement programs will be scheduled within the first 6 months of normal operations, but will be weather and activity dependent.	NEB IR No. 2.067e	During Operations	Complete	Superseded by CER Condition	141	Commitment is addressed through CER Condition 141 Post-Construction Noise Survey Results for the Westridge Marine Terminal (filing ID A9L7A5). The filing provides the results of post-construction noise monitoring conducted between August 25, 2025 and September 24, 2025, following the completion of project construction on July 4, 2025.
348	Environment	NEB	In the event the schedule changes and clearing activities are planned during the migratory bird restricted activity period, a migratory bird nest sweep will be conducted. In the event an active nest is found, a protective buffer will be established around the nest. The size of the buffer will be influenced by the status of the bird. Typically a 30 m buffer is applied to a songbird nest and a 100 m buffer around waterfowl or raptor nests.	Technical Update No. 1 and Consultation Update No. 2 - Part 5, Part 01 Table 1.6.2-1	Prior to Construction	Complete	Superseded by CER Condition	72, 78, 81	Trans Mountain provides details on the measures taken in regards to identifying migratory birds prior to construction through CER Conditions 72, 78 and 81. Condition 72 EPP (C20382) Section 7.0 RSMT (C00470) Spread 1 Section 4.2 RSMT (C00475) Spread 2 Section 4.2 RSMT (C05272) Spread 3/4a Section 4.2 RSMT (C03930) Spread 4b Section 4.2 RSMT (C04634) Spread 5a Section 4.2, Page: 21. RSMT (C05600) Spread 5b Section 4.2, Page: 19. RSMT (C14004) Spread 6 Section 4.2 RSMT (C03931) Spread 7 Section 4.2, Page 17. Condition 78 (C06991) Facilities EPP, Section 6.0, Appendix D, Page: 6-2, Table

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									D-1 Condition 81 (C08265) Westridge Marine Terminal EPP, Section 6.0, Appendix D, Page: 6-3, Table D-1.
350	Environment	NEB	The need and methods for a bear den sweep will be discussed with the appropriate regulatory agency in the event construction activity is scheduled to coincide with the period when bears are denning and habitat suitability for denning is high.	NEB IR No. 2.037b	During Construction	Complete			Trans Mountain through the Environmental Field Guide takes necessary steps to identify bear dens prior to construction activity. Through the OGC permit, requirements are provided in surveying areas of high denning potential. During a sweep, a bear den was identified in which a leave of commission application was completed and granted by the OGC.
351	Environment	NEB	To meet Environmental commitments and permit requirements during Project activities, Trans Mountain will implement an Environmental inspection and monitoring program that includes management oversight, on-site Environmental inspection, various available Environmental training programs for all on-site personnel and access to other Environmental resources (e.g., wildlife biologists, water quality monitors) on an as needed basis.	Application Volume 6A, 3-1.	During Construction	Complete	Superseded by CER Condition	72	Trans Mountain provides Environmental inspection activities and monitoring program details through the filed CER Condition 72 (Filing ID C03070) Environmental Compliance Management Plan. Section 6.0 Inspection, Monitoring and Measurement Section 2.0 Management Oversight Table B-1 (PDF pg 29) Environmental Inspection Section 5.0 Environmental Training and Competency
352	Environment	NEB	To protect riparian habitat and watersheds, crossings of wetlands and watercourses will be planned during suitable ground and weather conditions, with the consideration for sensitive fish and wildlife timing windows.	Technical Update No. 1 and Consultation Update No. 2 - Part 2 Table 1.6.3-1	During Construction	Complete	Superseded by CER Condition	43, 72	Trans Mountain provides details on the mitigation measures taken throughout the Project in the Condition 72 Pipeline Environmental Protection Plan (Filing ID C20382) and through the Watercourse Crossing Inventory filed through CER Condition 43 (Filing ID C00815).
353	Environment	Sto:lo Collective	Trans Mountain welcomes the opportunity to discuss infrastructure and capacity for Sto:lo heritage resource management technical involvement as construction monitors, to ensure protection of sites, and to ensure Sto:lo practices are maintained.	Sto:lo Collective Recommendation #54	Project Lifecycle	Complete	Superseded by CER Condition	98	Trans Mountain has addressed this commitment via CER Condition 98 - Plan for Indigenous Group Participation in Construction Monitoring (Filing ID C00105).
354	Environment	NEB	Pending project approval, Trans Mountain is committed to consider a conservation offset program for the entire Project that results in a net benefit. TMEP is committed to exceed minimum standards in areas with acknowledged biodiversity values.	NEB IR No. 2.042c	Prior to Construction	Complete	Superseded by CER Condition	40, 41, 42, 128, 142, 154, 155, 156, 157	Trans Mountain provides conservation offsets through multiple Conditions, a requirement by the Certificate. Conditions that supersede this Commitment, currently filed with the CER: Condition 40 Rare Ecological Communities and Rare Plant Population management Plan (Filing ID A90904) Condition 41 Wetland Survey and Mitigation Plan (Filing ID A90909). Condition 42 Grasslands Survey and Mitigation Plan (Filing ID A84318) Conditions that supersede this Commitment, not yet filed: Condition 128 Offset Management Plan for residual effects on caribou habitat. Condition 142 GHG Emissions Offset Plan Condition 149 Caribou Habitat Restoration and Offset Measures Monitoring Program Condition 150 Caribou Habitat Restoration and Offset Measures Monitoring Report Condition 154 Riparian Habitat Reclamation Evaluation Report and Offset Plan Condition 155 Rare Ecological Community and Rare Plant Population Mitigation Evaluation Report and Offset Plan. Condition 156 Wetland Reclamation Evaluation Report and Offset Plan Condition 157 Grasslands Reclamation Evaluation Report and Offset Plan
355	Environment	NEB	Trans Mountain is committed to best practices in reclamation, always striving for opportunities leading to advancement. As with all of its construction projects, Trans Mountain will reclaim any areas that are affected by the Project. Trans Mountain is committed to full reclamation of the pipeline right-of-way and surrounding areas following construction.	Technical Update No. 1 and Consultation Update No. 2 - Part 2 Table 1.6.3-1	Project Lifecycle	Complete	Superseded by CER Condition	72	Commitment addressed by CER Condition 72, CER Filing ID A86570, Condition 72 Reclamation Management Plan, Section 1.0 Page: 1.
356	Environment	Sto:lo Collective	During the construction phase, Trans Mountain will discuss any unanticipated adverse effects on Sto:lo businesses related to the construction of the Project during the mutually agreed to on-going engagement between Sto:lo and Trans Mountain. Additional mitigation will be developed, as required, if and as such adverse effects are identified.	Sto:lo Collective Recommendation #71	During Construction	Complete	Superseded by CER Condition	13	Commitment addressed by CER Condition 13 - Socio-Economic Effects Monitoring Plan (Original Filing ID A81754, Updated Filing ID A84618). Filings provide engagement with Sto:lo Collective and details on mitigation measures. The updated filing details how adverse socio-economic effects will be monitored during construction. Condition 96 details ongoing engagement with Indigenous groups including Sto:lo Collective on topics such as socio-economic monitoring (example: filing ID C27811).
357	Environment	NEB	Trans Mountain will conduct a Post Construction Environmental Monitoring (PCEM) program during a period up to the first five complete growing seasons (or during years one, three and five) following commissioning of the Project and as a consequence of conditions that may be attached to the Certificate of Public Convenience and Necessity (CPCN).	Application Volume 1, section 3.1.3.	Post-Construction Monitoring	Complete	Superseded by CER Condition	151	The CER imposed Condition 151 to require Trans Mountain to file PCEM reports following the first, third and fifth complete growing season after final cleanup. Trans Mountain has filed Year 1 PCEM in Spread 1 in accordance with CER Condition 151 Post-Construction Environmental Monitoring (Filing ID C28268). The report is a sample of the Program that is being implemented for the Trans Mountain Expansion Project. Reports for other spreads will be completed in due course following final clean-up.
358	Environment	NEB	Trans Mountain will consult with Fisheries and Oceans Canada (DFO) to determine whether the Pacific Salmon Foundation multi-year comprehensive 'Salish Sea Marine Survival Project' initiative can also be considered to be a scientifically defensible and useful recovery measure for resident killer whales by restoring an adequate and accessible food supply.	NEB IR No. 1.56	Prior to Construction	Complete	Superseded by CER Condition	132	The 'Salish Sea Marine Survival Project' is managed by the Pacific Salmon Foundation (PSF). The PSF funding is covered off in the Marine Mammal Protection Program (MMPP) filing of Condition 132 (Filing ID C23887 filed on March 31, 2023). Section 2.2.3, Table 4 (PDF pg 27) provides details on the collaboration with DFO on the adequacy and accessibility of food supply for the Resident Killer Whales.
359	Environment	NEB	Trans Mountain will develop and implement an Environmental education program to ensure that all individuals involved in the construction of the Project understand the Environmental requirements of the Project and their role and responsibilities with regard to meeting those requirements.	Application Volume 6A, 6-1.	During Construction	Complete			Trans Mountain Developed an Environmental Compliance and Education Training Program. A description of the program is found in the Environmental Compliance Management Plan, Section 5.0, Page: 9 to 11.
360	Environment	NEB	Trans Mountain will file Mitigation Plans for Lewis's woodpecker and Williamson's sapsucker with the NEB at least 4 months prior to commencing construction.	NEB F-IR No. 1.45c	Prior to Construction	Complete	Superseded by CER Condition	44	Trans Mountain provides species-specific mitigation and habitat restoration plans filed through CER Conditions 44 (CER Filing ID A90906) Williamson's

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									Sapsucker and Lewis's Woodpecker Mitigation and Habitat Restoration Plan.
361	Environment	NEB	Trans Mountain will file Mitigation Plans for Townsend's mole and Pacific giant salamander with the NEB at least 4 months prior to commencing construction.	NEB F-IR No. 1.44d	Prior to Construction	Complete	Superseded by CER Condition	44	Trans Mountain provides species-specific mitigation and habitat restoration plans filed through CER Conditions 44 CER Filing ID A90905: Coastal Giant Salamander Mitigation and Habitat Restoration Plan CER Filing ID A85074: Townsend's Mole Mitigation and Habitat Restoration Plan
362	Environment	NEB	Trans Mountain will implement a monitoring program to determine the effectiveness of the erosion and sediment control mitigation measures during construction in preventing terrestrial sediment loading into the marine environment.	Application Volume 5A, 7-407.	During Construction	Complete	Superseded by CER Condition	81	Commitment addressed by CER Condition 81 Westridge Marine Terminal EPP, Section 7.1, Page 7-2 #14 and 15 and Section 8.0 Page 8-3 (CER Filing ID C08265 PDF pg 41 #27).
363	Environment	NEB	Trans Mountain will implement recommendations from Alberta Culture and will provide the NEB with a copy of the Historical Resources Act clearance letter as per the approval conditions. Trans Mountain will also implement recommendations from BC Archaeology Branch and will provide the NEB with a copy of the Heritage Conservation Act acceptance letter as per the approval conditions.	Application Volume 5B, Section 7.2.1.3, page 7-10	Prior to Construction	Complete	Superseded by CER Condition	100	Details on the approved permits and recommendations received from both the Alberta Culture and BC Archeology Branch, have been provided in CER Condition 100 (CER Filing ID C01853) Heritage Resources and Sacred and Cultural Sites Plan, Section 3.0, Page: 4 to 6 and Table 3-2 (PDF pg 12)
365	Environment	NEB	Trans Mountain will provide advance notification to regulatory authorities responsible for fish and wildlife management with final routing information, including maps, as well as construction schedule information, so they can communicate this information broadly in wildlife and fur management areas. Trans Mountain will also directly notify affected tenure holders so they can select alternate areas for their activities.	Application Volume 5B, 7-108.	Prior to Construction	Complete	Superseded by CER Condition	43	Trans Mountain has consulted and engaged with regulatory authorities, stakeholders, Indigenous groups and tenure holders through out the development of the Conditions for the mitigation measures taken to protect fish and wildlife. CER Filing ID A82409, Condition 43 (A82366) Appendix JKL (A82409), in Appendix J, Trans Mountain provides consultation engagement records for public consultation in Section 3.1 and regulatory consultation in Section 3.2.
366	Environment	NEB	Trans Mountain will report any rare plants or rare lichens identified to the provincial conservation data centre.	Application Volume 5A, 8-114.	Project Lifecycle	Complete	Superseded by CER Condition	40	Commitment addressed by CER Condition 40, CER Filing ID A90904, Condition 40 Rare Ecological Community and Rare Plant Population Management Plan, Appendix A and D, Page A-12, D-4. CVA2021-395 IR#24 Round 1 Response: a) Trans Mountain has not yet reported any rare plants or rare lichens to the provincial conservation data centres (CDCs). As stated in Table A-3 and Appendix D of Condition 40, Trans Mountain will report data to the CDCs, including any updates from follow-up surveys. Data on tracked occurrences will be provided and updated with the results of any follow-up surveys when they are complete.
367	Environment	NEB	Trans Mountain will work with Environment Canada (EC) and comply with the Migratory Birds Convention Act and Migratory Birds Sanctuary Regulations, as well as any provincial and territorial wildlife agencies related to the Project components and impacts. Clearing and pre-construction activities will be conducted outside the minimum migratory bird restricted activity period (RAP) of May 1 to July 31, where practical. In the event that the schedule changes and clearing activities are planned during the migratory bird RAP, a migratory bird nest sweep will be conducted. In the event that an active nest is found, a protective buffer will be established around the nest. The size of the buffer will be influenced by the status of the bird. Typically a 30 m buffer is applied to a songbird nest and a 100 m buffer is applied around waterfowl or raptor nests. Recommended mitigation measures are identified in Volume 6B – Pipeline Environmental Protection Plan.	Part 2 – Consultation Update No. 1	Prior to Construction	No Longer Applicable			The Project no longer crosses the Cheam Lake Wetlands Regional Park, as outlined in the EAS (Spread 6, to be filed with the CER). Commitment addressed by Condition 72, CER Filing ID C01961, Condition 72 Pipeline EPP, Section 7.0, Page: 19.
368	Environment	NEB	Trans Mountain will work with provincial regulatory authorities, tenure holders and other stakeholders to identify opportunities to address potential residual Project effects on caribou habitat.	Application Volume 5A, 7-271.	Project Lifecycle	Complete	Superseded by CER Condition	36, 37	Consultation and Engagement activities with Appropriate Government Authorities and potentially affected Indigenous groups have been provided in Appendix B of CER Condition 36 (CER Filing ID A84436 PDF pg 25). Further details on the Project's residual effects and contribution to cumulative effects on caribou are provided through the Preliminary Caribou Habitat Restoration Plan, filed under Condition 37a (CER Filing ID A85071) Section 4.0 (Consultation and Engagement) and Appendix B (PDF pg 58)
369	Environment	NEB	Trans Mountain will work with the appropriate regulatory authorities to develop a mitigation strategy to address the Project's incremental cumulative effect on grizzly bear in the North Cascades Grizzly Bear Population Unit (GBPU).	Application Volume 5A, 8-151.	Project Lifecycle	Complete	Superseded by CER Condition	56	Trans Mountain has conducted consultation and engagement activities related to the grizzly bear, their habitat and this Plan between May 2012 and March 2017 with Appropriate Government Authorities, potentially affected Aboriginal groups and species experts. Details of the mitigation plans for grizzly bears have been filed under Condition 56 (Filing ID A90913, Appendix A).
370	Environment	NEB	Trans Mountain will work with various provincial and federal agencies with responsibilities related to air emissions from the Project components.	NEB IR No. 2.027	Prior to Construction	Complete	Superseded by CER Condition	52, 53, 54, 79	Commitment addressed by CER Condition 52, 53, 54 Condition 52, CER Filing ID A84415, Emissions Management Plan for WMT, Appendix A, Page: A-8 to A-20 Condition 53, CER Filing ID A84416, Fugitive Emissions Management Plan for WMT, Appendix A, Page: A-3 to A-9. Condition 54, CER Filing ID A84796, Fugitive Emissions Management Plan for Sumas and Burnaby Terminals, Appendix A, page: A-4 to A-5, Condition 54, CER Filing ID A84796, Fugitive Emissions Management Plan for Edmonton Terminals, Appendix A, Page A-2 Condition 79, CER Filing ID C08441, Air Emissions Management Plan for Sumas and Burnaby Terminals, Appendix A, Page: A-7 to A-15 Condition 79, CER Filing ID A84102, Air Emissions Management Plan for Edmonton Terminal, Appendix A, Page: A-8 to A-9.

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371	Environment	Pro Information Pro Environment United People Network	If herbicide is to be applied in close proximity to a certified organic farm the contractors will be supervised by a qualified Environmental professional to ensure that the farms are not affected by the activity. If weeds need to be controlled through a certified organic farm, Trans Mountain will coordinate an acceptable solution with the landowner/land manager to mitigate the weed concerns.	PIPEUP IR No. 1.6.3	Prior to Construction	Complete	Superseded by CER Condition	45, 72	Trans Mountain provides details on herbicide application mitigation measures for environmentally sensitive areas in Table 11 of Section 5.2.3 of the CER Condition 45 Weed and Vegetation Management Plan, (Filing ID A82634). Also, verified through CER Condition 72 (C20382) Pipeline EPP Section 7.0, #78, 80 (Pdf pg 36) and Section 9.0 #55 (PDF pg 55)
373	Environment	C.G.L.A.P. - Collaborative Group of Landowners Affected by Pipelines	Trans Mountain is committed to systematic and timely communication with farm operators. Based on this communication, detailed biosecurity measures will be developed collaboratively between the farm operator and Trans Mountain.	CGLAP IR No. 2.8b	Prior to Construction	Complete	Superseded by CER Condition	72	Trans Mountain is in ongoing communication with landowners and farm operators. Specific details on biosecurity measures are discussed in confidential meetings with individual farm operators, and details are provided through the line list for the construction team to manage.
375	Environment	C.G.L.A.P. - Collaborative Group of Landowners Affected by Pipelines	Trans Mountain will meet with the BC Agricultural Land Commission (ALC) again in the fall of 2014 to review Trans Mountain's commitments to agriculture and obtain further input from the BC Agricultural Land Commission (ALC).	CGLAP IR No. 2.1a	Prior to Construction	Complete			Letter from ALC received on May 11, 2015 confirms meetings and telephone calls between Management Consultants Ltd. On behalf of Trans Mountain.
376	Environment	C.G.L.A.P. - Collaborative Group of Landowners Affected by Pipelines	Where a landowner raises a concern, the Agricultural Monitor will take core soil samples across the construction right-of-way and off right-of-way to assess conditions, define anomalies, and make recommendations to resolve identified concerns.	CGLAP IR No. 2.5f	Post-Construction Monitoring	In Progress	Superseded by CER Condition	151	
388	Environment	Environment Canada	At Westridge Marine Terminal, Trans Mountain will undertake Marine Bird Monitoring as a component of the Post Construction Environmental Monitoring program. Trans Mountain will meet with Environment Canada to discuss the monitoring program.	EC P-IR No 1.21	Post-Construction Monitoring	Complete			Trans Mountain collaborated with Environment Canada on the monitoring for marine birds through in-person meetings and utilizing experts, Bird Studies Canada, on the matter. Additionally, Marine Bird Monitoring is reported through the DFO Authorization and Offset Monitoring Permit.
406	Environment	NEB	Through the proposed Marine Mammal Protection Program and other regional collaborative initiatives, Trans Mountain commits to implementing mitigation measures that are within its control to implement to manage potential Environmental effects (both Project-related and cumulative) on marine mammals.	NEB IR No. 1.38	Post-Construction Monitoring	Complete	Superseded by CER Condition	132	Commitment addressed through Condition 132 Marine Mammal Protection Program (Filing ID C23887-2), Section 4 (PDF page 31), which outlines initiatives that Trans Mountain has implemented for mitigation for the effects on marine mammals.
408	Environment	NEB	Trans Mountain is committed to working with Fisheries and Oceans Canada (DFO), participating Aboriginal communities, Vancouver Fraser Port Authority DBA Port Metro Vancouver and other stakeholders to identify the most appropriate means of offsetting serious harm to marine fish and fish habitat. Trans Mountain will submit a preliminary marine fish habitat offsetting plan to the NEB in Q 3 2014.	NEB IR No. 1.51	Prior to Construction	Complete	Superseded by CER Condition	110	Trans Mountain provides details on offsetting measures in the DFO Application for Authorization under Paragraph 35(2)(b) of the Fisheries Act for Westridge Marine Terminal.
419	Environment	City of Burnaby	Post-construction monitoring will continue until remediation measures are considered to be effective and issues are resolved in Old Growth Management Areas.	City Burnaby IR No. 1.04.14k	Post-Construction Monitoring	Complete	Superseded by CER Condition	151	Trans Mountain provides details of Old Growth Management Areas (OGMA) in Condition 151 As-Built Reports. Details are provided in Condition 151 PCEM As-Built report for Spread 4B (C35270) and Spread 3/4a (C38115), which aligns with CER Condition 76 (C29888) for OGMA affected by the TMEP. Trans Mountain will continue to provide OGMA updates in future filings of Condition 151 As-Built Reports, when applicable.
427	Environment	Parks Canada Agency	The Company's Jasper National Park Operations and Maintenance Environmental Protection Plan will be revised and updated prior to reactivation.	GoC Parks IR No. 1.2.4	Prior to Construction	Complete			In accordance with Commitment 427, Trans Mountain's 2017 Reactivation EPP was developed for Parks Canada to incorporate the standards and environmental protection measures set out in the Pipeline and Facilities EPPs into the O&M components of the Project. The Reactivation EPP was submitted to Parks Canada on August 14, 2017, and has been in use since this date.
453	Environment	City of Burnaby	Trans Mountain will adopt any additional measures required by the NEB such as those set out in NEB Draft Condition No. 33 of the NEB's Letter – Draft Conditions and Regulatory Oversight (NEB 2014).	City Burnaby IR No. 1.27.02b	Post-Construction Monitoring	Complete	Superseded by CER Condition	80, 141	Trans Mountain provided noise mitigation measures as directed by the NEB through two Conditions: Condition 80 Terminals Construction Noise Management Plan filing (C06928) and Condition 141 post-construction noise surveys for Burnaby Terminal (C37758).
456	Environment	Regional District of Fraser-Fort George	Trans Mountain will continue to work with the communities of Valemount and the Regional District on implementing and enforcing procedures that discourage disregard for the sensitivity of that environment, by its employees and contractors.	RD of Fraser-Fort George IR No. 1.04b	Prior to Construction	Complete	Superseded by CER Condition	59	Trans Mountain provides details on discussions through public consultation, and government authority consultations in the CER Condition 59 Worker Accommodation Strategy, filing (CER Filing ID A85812, Appendix A, Page A-6 to A-18).
458	Environment	NEB	The Socio-Economic Effects Monitoring Program will include monitoring indicators related to worker/community interaction and worker conduct.	NEB IR No. 1.17d.6	Prior to Construction	Complete	Superseded by CER Condition	13	Trans Mountain filed CER Condition 13, Socio-Economic Effects Monitoring Plan, in which Table 2 provides a list of monitoring topic areas, and Section 3.0, Table 3 provides monitoring indicators which include Project-Community Interactions and worker conduct. (CER Filing ID A84618, Page 13 to 15).
459	Environment	NEB	Trans Mountain will consult with key stakeholders (e.g., governments, local/regional service providers, Aboriginal communities, municipalities) regarding the socio-economic effects monitoring framework, indicators to be monitored, methods of reporting, and the level of local/regional interest in participating in socio-economic effects monitoring. The monitoring framework and process will then be finalized and shared publicly.	NEB IR No. 1.17d	Prior to Construction	Complete	Superseded by CER Condition	13	Trans Mountain filed CER Condition 13, Socio-Economic Effects Monitoring Plan, where in Section 2.0 and Appendix A (PDF pg 44) details are provided on the consultation and engagement activities completed for socio-economic effects monitoring framework. (CER Filing ID A84618).
462	Environment	NEB	Trans Mountain will file a consultation update with the Board on Trans Mountain's consultations with municipal and provincial authorities regarding its waste management plans at each of the proposed camp sites at the time copies of camp permits are filed with the Board.	NEB Cond IR No. 21.4a	Prior to Construction	Complete	Superseded by CER Condition	59	Consultation with municipal and provincial authorities regarding waste management plans are provided through Appendix A of Condition 59 Worker Accommodation Strategy, (CER Filing ID A85812 PDF pg 44-55). The following camp Waste Management Plans provide consultation/engagement records with municipal and/or provincial authorities where applicable: Valemount (CER Filing ID C07327) Section 5.0 (PDF pg 14) Clearwater (CER Filing ID C08823) Section 5.0 (PDF pg 15) Blue River (CER Filing ID C17543) Section 6.0

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									(PDF pg 13) Merritt (CER Filing ID C13170) Section 5.0 (PDF pg 16) Ohamil (CER Filing ID C10076) Section 5 (PDF pg 12)
464	Environment	NEB	In order to reduce the potential effects of disturbing contaminated soils during project activities, Trans Mountain commits to providing contractors with a site plan showing areas of potential concern for high and moderate risk sites for the applicable temporary work spaces in Spread 4.	NEB Cond IR No. 42.5	Project Lifecycle	Complete			The Liability Assessment as filed in CER Condition 60 (A85798) was provided to the Spread 4 contractor. Commitment applies to sites listed in the Condition 60 Application (CER Filing ID A85798). Applicable site with moderate and high contamination in Spread 4 include: Vavenby Stockpile Site (VAV009) Clearwater Camp 2 Road Camp (CLE011)
465	Environment	NEB	Trans Mountain will also file the waste management plan for each camp with the Board at this time, which will include a description of the assessment of the potential impacts related to waste management and a description of all associated mitigation measures.	NEB Cond IR No. 21.4a	Prior to Construction	Complete	Superseded by CER Condition	59	The following camp Waste Management Plans provide details on potential impacts and mitigation and management approaches: Valemout (CER Filing ID C07327) Table 2 (PDF pg 12) Clearwater (CER Filing ID C08823) Table 2 (PDF pg 13) Blue River (CER Filing ID C17543) Table 2 (PDF pg 12) Merritt (CER Filing ID C13170) Table 4 (PDF pg 15) Ohamil (CER Filing ID C10076) Table 3 (PDF pg 11)
469	Environment	NEB	Trans Mountain is committed to meeting the applicable ambient air quality objectives at the Edmonton Terminal.	NEB IR No. 3.019b	During Operations	Complete	Superseded by CER Condition	79	Trans Mountain's ambient air quality objectives for the Edmonton Terminal are filed in Condition 79 (Filing ID A84102), Section 1.2 - Objectives and Measurable Goals.
470	Environment	NEB	Trans Mountain will establish a Groundwater Monitoring Program for Albreda Pump Station in 2015. This is scheduled as part of the annual addition to the Groundwater Monitoring Program.	NEB IR No. 3.022c.2	Prior to Construction	Complete			Monitoring wells were installed at the Albreda Pump Station in May 2015. Trans Mountain prepared a Phase II Environmental Site Assessment - Albreda Pump Station which outlines the Groundwater Monitoring Program for the Albreda Pump Station in December 2016.
473	Environment	NEB	Trans Mountain commits to produce site-specific mitigation measures for all rare plant, rare lichen and rare ecological community occurrences observed on the final Project footprint.	NEB IR No. 3.026	Prior to Construction	Complete	Superseded by CER Condition	40	Through CER Condition 40, Rare Ecological Community and Rare Plant Population Management Plan filing (CER Filing ID A90904, Appendix E, Page: E-1) Trans Mountain provides details on the mitigation measures for all rare plant, rare lichen and rare ecological community occurrences (PDF pg 159). Trans Mountain filed RSMT's for each spread which provide site-specific mitigation measures as well.
474	Environment	NEB	The location of all sensitive vegetation features and their site-specific mitigation measures will be on the Environmental alignment sheets (EAS), which will be reissued prior to construction. The EAS will illustrate the features and provide guidance to mitigation measures and management plans provided in the Environmental Protection Plan and Management Plans.	NEB IR No. 3.026	Prior to Construction	Complete	Superseded by CER Condition	72	Trans Mountain provides EAS updates through CER Condition 72, filings: CER Filing ID C00470 (Spread 1) CER Filing ID C00475 (Spread 2) CER Filing ID C05272 (Spread 3/4a) CER Filing ID C03930 (Spread 4b) CER Filing ID C04634 (Spread 5a) CER Filing ID C05600 (Spread 5b) CER Filing ID C14004 (Spread 6) CER Filing ID C03931 (Spread 7)
475	Environment	NEB	The final Reclamation Plan will be completed prior to construction in consultation with BC Parks.	NEB IR No. 3.026d	Prior to Construction	Complete	Superseded by CER Condition	72	Trans Mountain provided a final Reclamation Plan on October 4, 2017 in the CER Condition 72 Environment Protection Plan Volume 6, Section 9.1 Reclamation (CER Filing ID A86570-1), where in Appendix J, Table J-3 a summary of BC Parks consultation activities is provided.
476	Environment	NEB	Trans Mountain commits to continue the discussions with BC Ministry of Forests, Lands and Natural Resource Operations (MFLNRO) and coordinating OGMA mitigation requirements.	NEB IR No. 3.027c	Prior to Construction	Complete	Superseded by CER Condition	76	Trans Mountain provided details on discussions with BC Ministry of Forests, Lands and Natural Resource Operations and outcomes to the OGMA requirements, through CER Condition 76 Section 6.2. The Executive Summary (para. 4) provides clarification on the topic of BC MFLNRO and amending OGMA's.
477	Environment	NEB	Trans Mountain commits to reviewing replacement options for Old Growth Management Areas (OGMAs) if unavoidable adverse effects result from the Project.	NEB IR No. 3.027	Prior to Construction	Complete	Superseded by CER Condition	76	Trans Mountain provided details on discussions with BC Ministry of Forests, Lands and Natural Resource Operations and outcomes to the OGMA requirements, through CER Condition 76 Section 6.3. The Executive Summary (para. 4) provides clarification on the topic of BC MFLNRO and amending OGMA's.
478	Environment	NEB	Trans Mountain remains committed to conducting ground-based surveys at all wetlands encountered by the Project prior to construction, where access is available.	NEB IR No. 3.028a	Prior to Construction	Complete	Superseded by CER Condition	41	Trans Mountain provides ground-based surveys on wetlands in Section 4.4.2.1 through CER Condition 41 (Filing ID A90909) Wetland Survey and Mitigation Plan
479	Environment	NEB	Trans Mountain will advise the NEB in the event that it is unable to complete surveys of wetlands not previously surveyed prior to construction and will provide the NEB with a summary of its attempts to obtain access.	NEB IR No. 3.028	Prior to Construction	Complete	Superseded by CER Condition	41	Trans Mountain through CER filing of Condition 41 (Filing ID A90909) Wetland Survey and Mitigation Plan, in Section 4.4.2.1, a wetland survey and assessment will be completed by an experienced Wetland Ecologist if new wetlands are encountered.
480	Environment	NEB	Approximately 117 wetlands crossed by the proposed pipeline corridor will be targeted for supplemental surveys prior to construction, subject to land access.	NEB IR No. 3.028	Prior to Construction	Complete	Superseded by CER Condition	41	Trans Mountain through CER filing of Condition 41 (Filing ID A90909) Wetland Survey and Mitigation Plan, in Section 4.4.2.1, provides details on the land surveys conducted in 2015, and 2017. In 2018 desktop reviews using new imagery to capture wetlands and boundaries was utilized and surveys were updated. Site-Specific Wetland Crossing Execution Plan are completed prior to construction.
481	Environment	NEB	Trans Mountain has committed to prepare a Mitigation Plan (NEB F-IR No. 1.44d [Filing ID A324T4]), and provide an assessment of Townsend's mole.	NEB IR No. 3.029c	Prior to Construction	Complete	Superseded by CER Condition	44	Trans Mountain provided CER Condition 44, (CER Filing ID A83052, IR Response: A85074), Townsend's Mole Mitigation and Habitat Restoration Plan on May 1, 2017.
484	Environment	NEB	Trans Mountain will develop and implement Environmental offset projects to focus on parks and protected areas, BC interior grasslands, species at risk and their habitat, aquatic ecosystems, and old growth management areas.	NEB IR No. 3.036a, NEB IR No. 3.037	Project Lifecycle	Complete	Superseded by CER Condition	41, 42, 44, 71, 76, 154, 156, 257	Trans Mountain has superseded this commitment through BC EAO Condition 16 and 21 and through CER Conditions 41, 42, 71, 76, 154, 156, 157. Condition 41 (Filing ID A90909) Appendix E, Condition 42, Section 7.0 (Filing ID

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									A84318), Condition 71, Section 7.0 (Filing ID A90936), Condition 76, Section 6.3 (Filing ID A84120), Condition 44, Section 1.3 (Filing ID A90910), Condition 44, Section 1.3 (Filing ID A86567), Condition 44, Section 1.3 (Filing ID A90911).
485	Environment	NEB	Trans Mountain is committed to providing a summary of the proposed offset projects to the NEB once they are defined and the necessary approvals / permits to construct and operate in the four proposed BC provincial parks and one recreation area have been granted.	NEB IR No. 3.037	Post-Construction Monitoring	In Progress	Superseded by BC EAO	21	Commitment addressed by EAO Condition 21, not yet filed, to be submitted for EAO's approval six months before the commencement of Operations. Plan to be filed with the CER to meet this commitment.
486	Environment	NEB	Trans Mountain will include additional site-specific mitigation measures for watercourses identified as critical Nooksack dace and Salish sucker habitat in the final Pipeline Environmental Protection Plan, to be filed with the NEB, at least 90 days prior to construction in accordance with NEB draft condition No. 29.	NEB IR No. 3.039	Prior to Construction	Complete	Superseded by CER Condition	75	Trans Mountain provided site specific mitigation measures for watercourses identified as critical Nooksack dace habitat in the CER Condition 75 filing on June 1, 2017 (CER Filing ID A84146) Section 3.0.
487	Environment	NEB	Trans Mountain will obtain necessary permits under the Species at Risk Act (SARA) for the salvage of all relevant freshwater fishes.	NEB IR No. 3.042	Prior to Construction	Complete	Superseded by CER Condition	110	Trans Mountain provides a copy of permits received from SARA for any relevant instream activities through CER Condition 110b. For example: Little Sundance Creek (CER Filing ID C05089)
488	Environment	NEB	Trans Mountain will continue dialogue with all Aboriginal communities, where freshwater species at risk are concerned.	NEB IR No. 3.042	Prior to Construction	Complete	Superseded by CER Condition	75	Trans Mountain has filed engagement records through CER Condition 72, CER Filing ID C20382, Pipeline EPP Appendix E, Section 3.2.3 (PDF pg 255) Table E-4 provides a summary of Indigenous concerns. All CER filings are copied to IAMC, as well as CER Condition 96 engagement reports are filed every six months to the CER and IAMC, the latest of which was filed in December 2022 (Filing ID C22639).
510	Environment	NEB	Spawning surveys will be conducted before and during construction (where practical/feasible) at crossings with high potential spawning habitat, and where spawning exclusion devices (e.g., placement of snow-fence or other matting over spawning substrate) are not already in use.	NEB IR No. 3.38d.1	Prior to Construction	Complete	Superseded by CER Condition	43	Trans Mountain through CER Condition 43 (A82366), provides the field study results for Alberta (Appendix A) and BC (Appendix B). Section 2.1 provides details on the information provided in the Watercourse Crossing Summary Table(s) (PDF pg 12). Trans Mountain files updates to Condition 43 regularly.
511	Environment	Natural Resources Canada	Trans Mountain commits to updating the air quality assessments for the Westridge Marine Terminal in 2015 to inform engineering design. Trans Mountain has also committed to Vancouver Fraser Port Authority DBA Port Metro Vancouver that an additional air quality assessment will be prepared when the design engineering has adequately progressed.	GoC NRCAN IR No. 2.01	Prior to Construction	Complete	Superseded by CER Condition	52	Trans Mountain submitted a supplemental air quality technical report (Filing ID A4A4E3), which addressed changes in the emissions associated with the Project design updates based on refined engineering assumptions, and in April 2017 an air quality technical report with additional project/engineering updates, (Filing ID A82640) was filed to the CER.
512	Environment	Natural Resources Canada	Trans Mountain has confirmed that they will meet with the Lower Fraser Valley Air Quality Coordinating Committee (LFVAQCC) in Q1 2015 to develop a work plan for an updated photochemical modelling study that will be completed in Q3 2015.	GoC NRCAN IR No. 2.01, FVRD IR No. 2.10, Metro Vancouver IR No. 2.3.1.	Prior to Construction	Complete			Reply Evidence Appendix 33C - Air Quality Modelling, Updated Community Multi-scale Air Quality (CMAQ) Photochemical Modelling for the TMEP, CER Filing ID A45716. Reply Evidence Appendix 33A - Letter From Metro Vancouver - April 17, 2015, CER Filing ID A45714.
517	Environment	Natural Resources Canada	Trans Mountain is committed to working with Aboriginal groups and other interested parties to identify the most appropriate means of offsetting serious harm to marine fish and fish habitat.	GoC NRCAN IR No. 2.08	Prior to Construction	Complete	Superseded by CER Condition	109	Trans Mountain provides the DFO Authorization under Paragraph 35(2)(b) of the Fisheries Act for Westridge Marine Terminal Application filed in CER Condition 109a Authorization(s) under paragraph 35(2)(b) of the Fisheries Act - Westridge Marine Terminal 17-HPAC-00071, (Filing ID A85941), and CER Condition 109 Fisheries Act Authorization - Amendment, 19-HPAC-00753, (Filing ID C05214). Condition 96 (C22639) also provides engagement records with Indigenous groups on marine fish and fish habitats.
518	Environment	Environment Canada	Trans Mountain is committed to meeting federal and provincial water quality guidelines for the protection of aquatic life during all stages of construction.	GoC EC IR No. 2.017	During Construction	Complete	Superseded by CER Condition	72	Through Trans Mountain's filing of CER Condition 72 (Filing ID C20382), Appendix G Environmental Management Plans provides guidelines on the Water Quality Monitoring Management Plans put in place for the entire Project.
519	Environment	Environment Canada	If the National Energy Board (NEB) and Fisheries and Oceans Canada (DFO) determine that construction of the Westridge Marine Terminal is likely to result in serious harm to fish, Trans Mountain will implement marine fish habitat offsetting measures to counterbalance this serious harm.	GoC EC IR No. 2.017	Prior to Construction	Complete	Superseded by CER Condition	109	Trans Mountain provides measures to offset serious harm to fish in its CER Condition 109a filing (Filing ID A85941) Authorization(s) under paragraph 35(2)(b) of the Fisheries Act - Westridge Marine Terminal, Section 4.1 (PDF Page 7). Trans Mountain also filed and amendment to Condition 109 on November 8, 2022 (Filing ID C21900).
520	Environment	Environment Canada	If required through Parks Canada Agency's development permit application process, Trans Mountain will complete further effects assessment for the reactivation activities in accordance with the Parks Canada Directive on Implementation of Canadian Environmental Assessment Act, 2012.	GoC EC IR No. 2.024b, GoC Parks IR No. 2.132	Prior to Construction	Complete			A PCA Development Permit Application was submitted to Parks Canada on February 15, 2017. The effects assessment as part of the application was included in the Development Permit Application, and no further assessments were requested (Supplemental IR filed on August 4, 2017), and Development Permit addendums were filed on December 22, 2017 and March 18, 2019.
521	Environment	Environment Canada	Upon completion of the In-Line Inspections, Trans Mountain will complete field surveys as needed prior to commencing reactivation activities along the Darfield to Black Pines segment to inform the development of mitigation measures to avoid, reduce and mitigate Project effects on wetlands, vegetation and wildlife species at risk and migratory birds, depending on the extent and nature of the reactivation activities.	GoC EC IR No. 2.024	Prior to Construction	Complete	Superseded by CER Condition	72	Field survey data was compiled and assisted in determining the mitigation measures included in the Reactivation EPP. Trans Mountain filed these details in the CER Condition 72 Reactivation EPP, Section 6.0, Page: 30 (File ID C11146).
522	Environment	Environment Canada	Trans Mountain is committed to the implementation of mitigation to ensure that the Project's contribution to caribou mortality risk is effectively mitigated.	GoC EC IR No. 2.026c	Post-Construction Monitoring	Complete	Superseded by CER Condition	37	The source of this commitment is with respect to Project-related habitat disturbance effects on caribou mortality risk. Trans Mountain is addressing this effect through caribou habitat restoration measures outlined in Condition 37, section 6.2 and Table 3 (Filing ID A85071). Additionally, Trans Mountain provides details on caribou habitat assessment (Condition 36, Filing ID

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									A84436), offset measures (Condition 128, a. Filing ID C25019), the program for restoring habitat and monitoring (Condition 149, to be filed) and reporting on the restoration and monitoring (Condition 150, to be filed).
523	Environment	Environment Canada	Trans Mountain will assess whether length of trenchless crossing can be extended to provide a buffer zone(s) at each crossing site, where practicable for the locations identified in GoC EC IR No. 2.029a.	GoC EC IR No. 2.029b	Prior to Construction	Complete			Trans Mountain has completed a review of the trenchless crossings. The results of the investigation are presented in CER Condition 37(a), CER Filing ID A85071, Condition 37a Preliminary Caribou Habitat Restoration Plan, Section 5.2, Page: 16.
524	Environment	Environment Canada	Trans Mountain will provide Environment Canada (EC) with a map and spatial data (i.e. shape files) of the construction footprint within the Project's Caribou Regional Study Area.	GoC EC IR No. 2.030	Prior to Construction	Complete	Superseded by CER Condition	36	Trans Mountain provided Environment Canada with map and spatial data through CER Condition 36 (CER Filing ID A84436) Pre-Construction Caribou Habitat Assessment, verified in Section 2.2 and Appendix B (PDF Page 25).
525	Environment	Environment Canada	Trans Mountain commits to schedule a meeting with Environment Canada (EC) to review the area of Project overlap/interaction with critical habitat.	GoC EC IR No. 2.035	Prior to Construction	Complete			A meeting was held with Environment Canada on July 3, 2014. The purpose of the meeting was to Review critical habitat (CH) in relation to the proposed Trans Mountain Expansion Project (TMEP), Provide update on terrestrial wildlife field work and routing since submission of the Application in December 2013, Review specific locations that are known to encounter CH and Discuss any Information Requests (IRs) that need clarification.
526	Environment	Tsawwassen First Nation	Trans Mountain will continue to consult with BC Ministry of Forests, Lands and Natural Resource Operations (MFLNRO) in regards to Oregon spotted frog.	GoC EC IR No. 2.036	Prior to Construction	Complete	Superseded by CER Condition	44	Trans Mountain has engaged with the BC Ministry of Forests, Lands and Natural Resources Operations (MFLNRO) for the mitigation measures on the Oregon Spotted Frog, referenced within CER Condition 44 (Filing ID A90907), Section 5.2 para. 3, Appendix B Table B-2 (PDF pg 45).
527	Environment	Environment Canada	If cliff/caves that may provide suitable habitat for spotted bat (i.e., vertical cliff faces with warm aspects and heights of approximately 40 m to 400 m) or known caves occur within the Project Footprint, Trans Mountain will contact BC Ministry of Forests, Lands and Natural Resource Operations (MFLNRO) to discuss the appropriate survey method for determining if the cliff/cave is used by spotted bat.	GoC EC IR No. 2.037	Prior to Construction	Complete			An assessment of suitable habitat was completed, and no suitable vertical cliff faces with warm aspects and heights of approximately 40 m to 400 m or known caves were identified. Trans Mountain has not identified any vertical cliffs (with crevices, warm aspects and heights from 40-400m) within the pipeline construction footprint. The pipeline construction footprint has been refined in detail. As part of this process, Project Engineers have studied their Spreads to develop construction plans, including blasting plans, and 3D grade plans using LIDAR. Within the range of spotted bat (i.e., Spread 5A, KP 806.47 to KP 990.26) vertical cliffs suitable for spotted bat roosting/hibernation do not occur within the pipeline construction footprint. Detailed studies specific to spotted bat such as radio-tracking, mist netting, inventories of bats, or use of acoustic monitoring is not deemed warranted. Therefore, Trans Mountain has not contacted BC MFLNRO to discuss this further.
528	Environment	Environment Canada	Trans Mountain will conduct spotted owl surveys in the Sowaqua Spotted Owl Wildlife Habitat Area in 2015 and 2016.	GoC EC IR No. 2.038	Prior to Construction	Complete			Surveys were completed in 2013, 2015, 2016, 2017, 2018, 2019. Dates are as follows: 2013: June 13/14, 14/15; June 24/25, 25/26; September 9/10, 10/11; 2015: May 20/21, 21/22; June 25/26, 26/27; September 8/9, 9/10; 2016: June 2/3, 14/15; June 15/16, 21/22; September 8/9, 9/10; 2017: May 24/25, 25/26; June 11/12, 12/13; August 21/22, 22/23; 2018: May 28/29, 29/30; July 16/17, 17/18; September 11/12, 12/13; 2019: May 9/10, 10/11; June 4/5, 6/7; September 10/11, 11/12; 2019.
529	Environment	Environment Canada	Trans Mountain will finalize reclamation strategies before construction and will determine seed mixes in consultation with the appropriate Crown land managers.	GoC EC IR No. 2.045	Prior to Construction	Complete	Superseded by CER Condition	72	Trans Mountain provides reclamation strategies and seed mixes in the CER Condition 72 (Filing ID A86570) Reclamation Management Plan, Section 5.6.1 Page: 24. Consultation and Engagement activities are provided in Appendix J (PDF pg 308) where seed mixes were discussed with stakeholders.
534	Environment	Environment Canada	Information on mortality and collision events during construction will be compiled by the Environmental Monitor and included, as applicable, in post-construction monitoring reports for the Westridge Marine Terminal.	GoC EC IR No. 2.050b	Prior to Construction	Complete	Superseded by CER Condition	81	Trans Mountain provides details on construction incidents and events through monthly filings in the CER Condition 106 Construction Progress Report (example: August 2022 ID C20842). This commitment is also detailed in the Westridge Marine Terminal Condition 89 Emergency Response Plan provided by the General Construction Contractor (Filing ID C20241) and provided through Condition 81 WMT EPP.
535	Environment	Environment Canada	Trans Mountain is committed to the goal of "no net loss" of wetland function and plans to meet this goal through mitigation measures, post-construction monitoring and, if warranted, compensation.	GoC EC IR No. 2.054	Post-Construction Monitoring	Complete	Superseded by CER Condition	41	Commitment is addressed through Condition 156 - Wetland Reclamation Evaluation Report and Offset Plan, and Condition 41 - Wetland Survey and Mitigation Plan (Filing ID A90909). The Wetland Survey and Mitigation plan outlines the general wetland mitigations, site-specific mitigations where appropriate and crossing recommendations for wetlands encountered by the pipeline corridor, as well as Preliminary Wetland Offset plan.
538	Environment	Environment Canada	Trans Mountain will provide CALMET model input files for Burnaby Terminal Regional Study Area as requested.	GoC EC IR No. 2.059	Prior to Construction	Complete			Information Request Response No. 2 filed as of February 2015, with data for IR 2.059b.
544	Environment	Environment Canada	Trans Mountain will ensure all construction right-of-way clearing activities and site reclamation activities around the Chilliwack and Cascades Forest District boundary are in accordance with the Plant Protection Act – Balsam Woolly Adelgid (B.C. Reg. 414/92). The movement of any tree of Abies species will not be moved to any place outside of the quarantine area. Additionally, logs of Abies species that are moved out of the quarantine zone must be transported and stored in water and promptly processed to avoid the spread of the Balsam Woolly Adelgid.	GoC EC IR No. 2.122	During Construction	No Longer Applicable			Regulation repealed by BC Reg. 40/2019, Effective March 6, 2019.

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548	Environment	Environment Canada	Trans Mountain has committed to further environmental impact analysis in accordance with Parks Canada Directive on Implementation of CEAA 2012 following the results of the In-Line Inspections of the 24-inch pipeline.	GoC EC IR No. 2.132	Prior to Construction	Complete			A PCA Development Permit Application was submitted to Parks Canada on February 15, 2017. The effects assessment as part of the application was included in the Development Permit Application, and no further assessments were requested (Supplemental IR filed on August 4, 2017), and Development Permit addendums were filed on December 22, 2017 and March 18, 2019.
550	Environment	Environment Canada	Trans Mountain is committed to working with Parks Canada in developing and implementing a set of Management Objectives / Desired End Results with appropriate monitoring and performance criteria to ensure ecological integrity management objectives of Jasper National Park are achieved during reactivation.	GoC EC IR No. 2.137	Prior to Construction	Complete	Superseded by CER Condition	72	Trans Mountain provides details on the Management Objectives / Desired End Results for Jasper National Park in Appendix F of CER Condition 72 (Filing ID C11146) Reactivation EPP which was developed in consultation with Parks Canada Agency (PDF pg 18).
552	Environment	Environment Canada	Trans Mountain will meet the requirements of the Parks Canada directive on human burials in National Park and National Historic Sites settings: Management Directive 2.3.1: Human Remains, Cemeteries and Burial Grounds (Parks Canada 2000).	GoC EC IR No. 2.141	Prior to Construction	Complete			This commitment is addressed Condition 72 Reactivation Pipeline EPP, CER Filing ID C11146, Table 4-1, Page: 13.
554	Environment	Environment Canada	Trans Mountain is willing to consider proposals from Parks Canada Agency to contribute to a positive legacy or net benefit to Jasper National Park and Mount Robson Provincial Park.	GoC EC IR No. 2.148	Prior to Construction	Complete			A meeting was held on September 15, 2015 to review the EPPs and identify potential net benefits for further developments.
557	Environment	Environment Canada	Wetland function post-construction monitoring will be conducted to review the area of disturbance and determine whether implemented mitigation measures were successful and to identify any wetlands where remedial measures should be implemented to assist with the wetland function recovery if warranted.	GoC EC IR No. 2.052	Post-Construction Monitoring	Complete	Superseded by CER Condition	41, 151	Through Trans Mountain's Post Construction Monitoring Program (Condition 151) environmental monitoring on wetlands will determine whether implemented mitigation measures were successful, and identify any wetlands where remedial measures should be implemented to assist with the wetland function recovery if warranted. Spread 1 PCEM was filed on January 31, 2024 (Filing ID C28268), PCEM for all other spreads will be filed after the first complete growing season after final clean-up.
562	Environment	BC Nature and Nature Canada	Trans Mountain commits to consulting with appropriate regulatory agency if there are scheduling conflicts related to the sensitive periods for amphibians and the construction schedule.	BC Nature Nature Cda IR No. 2.38	During Construction	Complete			Trans Mountain consulted with regulatory agencies on two separate occasions to extend the amphibian (stream) salvage window. Approvals were provided under permit SU20-278101. Trans Mountain also provides guidelines on the handling of sensitive periods through Condition 72 (Filing ID C20382, Section 14.3 #17).
578	Environment	City of Abbotsford	The Reclamation Management Plan for the Project will be developed prior to construction and will incorporate re-vegetation principles for riparian areas in BC that are included in the Riparian Areas Regulation (RAR) revegetation guidelines (BC Ministry of Environment 2012).	City of Abbotsford IR No. 2.2.07d, City of Abbotsford IR No. 2.2.09d	Prior to Construction	Complete	Superseded by CER Condition	71	Trans Mountain provided reclamation measures for the riparian habitat through CER Condition 71 (A90936), Section 5.2 (Pg 24-44)
595	Environment	Adams Lake Indian Band	Trans Mountain will develop a marine water and sediment sampling plan for use during dredging (if dredging is required).	ALIB IR No. 2.03.01	Prior to Construction	No Longer Applicable			Commitment addressed by CER Condition 35, CER Filing ID A81712, Condition 35 Marine Sediment Management Plan, Page 1 and 2. Dredging no longer required.
596	Environment	Adams Lake Indian Band	Environmental sampling (if required) will be conducted by a Qualified Environmental Professional (QEP)-led crew.	ALIB IR No. 2.03.02b	Project Lifecycle	Complete	Superseded by CER Condition	72	Water monitoring at selected watercourses will be conducted by a Qualified Aquatic Environmental Specialist (QAES) / Qualified Environmental Professional (QEP), details on the specifications are provided through Condition 72, (CER Filing ID C20382) Section 14.1, #20 (PDF pg 86).
597	Environment	Adams Lake Indian Band	Trans Mountain is committed to further engagement with the Adams Lake Indian Band (ALIB) to discuss ideas regarding an offset plan (fish habitat offset plan) should it be required.	ALIB IR No. 2.03.11	During Construction	Complete	Superseded by CER Condition	110	Crown Consultation on the authorization was handled with DFO which resulted in the issuance of the authorization/permit. TMEP filing CER Condition 110, Authorization(s) under paragraph 35(2)(b) of the Fisheries Act and Species at Risk permit(s) - pipeline.
598	Environment	Adams Lake Indian Band	Trans Mountain will provide Draft species-specific mitigation plans to Adams Lake Indian Band (ALIB) for review.	ALIB IR No. 2.05.5	Prior to Construction	Complete			Consultation with Adams Lake Indian Band on species specific mitigation plans are provided in Appendix A, Section 3.3 of the following Condition 44 species specific mitigation plans: American Badger Mitigation and Habitat Restoration Plan, (CER Filing ID A83034 PDF pg 47) Williamson's Sapsucker and Lewis's Woodpecker Mitigation and Habitat Restoration Plan, (CER Filing ID A90906 PDF pg 63). Western Screech-Owl Mitigation and Habitat Restoration Plan, (CER Filing ID A90910 PDF pg 50).
599	Environment	Upper Nicola Band	Trans Mountain is committed to the review of the information on hunting, trapping, gathering or fishing in the area of the Coldwater and Nicola Rivers upon receipt for consideration in project planning and continued engagement with Upper Nicola to discuss mitigation measures to minimize potential impacts. Trans Mountain notes that the construction planning schedule requires that this policy be received no later than May 1, 2015.	Upper Nicola Band IR No. 2(c).02	Prior to Construction	Complete			Condition 97, Updated Traditional Land Use and Traditional Marine Resource Use Investigation Report, CER Filing ID A85811.
601	Environment	C.G.L.A.P. - Collaborative Group of Landowners Affected by Pipelines	Trans Mountain will consult with the Collaborative Group of Landowners Affected by Pipelines (CGLAP) in developing a list of suitable candidates for an Agricultural Monitor for the Fraser Valley.	CGLAP IR No. 2.5c	Prior to Construction	Complete			In email correspondence between Trans Mountain and Peter Reus received on February 6, 2018, Peter Reus confirmed that Bruce McTavish is a good choice for CGLAP and acceptable as the agricultural monitor.
606	Environment	NEB	Trans Mountain commits to monitoring the spawning deterrents at each of the sites where installed, to ensure that the deterrents do not shift during open water flows (Spread 2).	NEB Cond IR No. 15.1b	During Construction	No Longer Applicable			DFO requested no spawning deterrents to be used in Spread 2.
617	Environment	City of Burnaby	Wildlife field work for the Westridge Delivery Pipelines will be completed in 2015 in selected areas where habitat disturbance will occur associated with the proposed entry and exit points of the tunnel.	City Burnaby IR No. 2.074a	Prior to Construction	Complete			Condition 72, Spread 7 Tunnel RSMT/EAS, CER Filing ID C02201, Condition 78, Facilities EPP, CER Filing ID C06991, Appendix D, Page D-9, Condition 81, Westridge Marine Terminal EPP, CER Filing ID C08265, Appendix D, Page: D-2. Aerial Waterbird surveys were completed on May 29, 2015.

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618	Environment	City of Burnaby	An Archaeological Impact Assessment (AIA) will also be conducted on the proposed entry and exit points for the tunnel in 2016.	City Burnaby IR No. 2.074a	Prior to Construction	Complete	Superseded by CER Condition	100	An Archaeological Impact Assessment (AIA) has been conducted for the Burnaby Mountain Tunnel.
619	Environment	City of Burnaby	If historic contamination is discovered on City lands, Trans Mountain commits to notifying the City of Burnaby and providing a detailed remedial strategy.	City Burnaby IR No. 2.079b	During Construction	Complete	Superseded by CER Condition	72	Third Party historical contamination was found during construction in the City of Burnaby. A notification letter was shared with the City of Burnaby which included a description of the contamination found and details about Trans Mountain's assessment and remediation work, and a Chance Find Report was created by the third party.
620	Environment	City of Burnaby	Trans Mountain plans to engage with the City of Burnaby regarding the development of an Air Emissions Management Plan for the Westridge Marine Terminal per NEB Draft Condition 19 (August 2015).	City Burnaby IR No. 1.04.14h, City Burnaby IR No. 1.28.01c, City Burnaby IR No. 2.085, City Burnaby IR No. 2.086, FVRD IR No. 2.19, Metro Vancouver IR No. 1.1.6.03i.	Prior to Construction	Complete	Superseded by CER Condition	52	Trans Mountain engaged with the City of Burnaby as documented through CER Condition 52 (Filing ID A84415) Air Emissions Management Plan for Westridge Marine Terminal, Appendix B, (PDF pg 46 and 72).
623	Environment	City of Burnaby	If the Burrard Streets Alternative Alignment is selected, Trans Mountain commits to ensuring that Heron Creek is not crossed and silt fencing will be installed to manage run-off to ensure that this creek is not adversely affected.	City Burnaby IR No. 2.094	Prior to Construction	No Longer Applicable			This commitment is no longer applicable as the Burnaby Mountain tunnel is the proposed authorized route. Condition 72, CER Filing ID C02201, Westridge Delivery Line EAS, Page All. Other conditions applicable to the tunnel installation have also been satisfied.
624	Environment	City of Burnaby	In the event that the proposed alternative pipeline corridor for the Westridge Delivery Lines is selected for construction, a search for heron nests will be completed in the area of Heron Creek and the Burrard Inlet Conservation Area.	City Burnaby IR No. 2.095	Prior to Construction	No Longer Applicable			Commitment is no longer applicable. The finalized pipeline alignment is at Burnaby Mountain (greater than 60 m from Heron Creek and Burrard Inlet Conservation Area). Condition 72, Filing ID C02201, Westridge Delivery Line EAS, Page All.
630	Environment	City of Burnaby	Trans Mountain will discuss the need for additional wildlife field work specific to species of special conservation status outside of areas mapped as critical habitat by Environment Canada (EC) with BC Ministry of Forests, Lands and Natural Resource Operations (MFLNRO).	City Burnaby IR No. 2.115	Prior to Construction	Complete			Meeting with BC FLNRO took place on April 14, 2015 and March 22, 2016 with the Thompson/Okanagan Region. Meetings with the South Coast Region took place on March 19, 2015 and February 15, 2016. During these meetings, wildlife field work related to critical habitat identified by ECCC was discussed.
635	Environment	City of Burnaby	Any disturbance to existing riparian vegetation or compensation areas will be re-established by Trans Mountain during the construction and reclamation phases of the project.	City Burnaby IR No. 2.136;NEB Route Hearing TMEP Evidence Seg 7 Burnaby	During Construction	Complete	Superseded by CER Condition	71	Through CER Condition 71 filing, Trans Mountain has provided details on restoring any disturbed areas that may occur during construction or reclamation phases.
647	Environment	The City of Edmonton	Trans Mountain will work with the City of Edmonton to determine where landscaping will be required in areas of the Whitemud Extension pipeline corridor affected by construction.	City of Edmonton IR No. 2.2.3b	Prior to Operations	Complete			The Whitemud Extension pipeline corridor is located between KP42 and KP 43. Trans Mountain provided Tree Management Plan with a landscape valuation specific to this area to The City of Edmonton for their review and comment. In 2023, Trans Mountain consulted again with the City in regard to a tree species substitution due to an inventory shortage. The City agreed with the substitution and requested an "as-built" report of the area that will be provided upon final reclamation.
653	Environment	City of Kamloops	Trans Mountain will review the new City of Kamloops Park Management Plan (if complete) prior to reclamation planning.	City of Kamloops IR No. 2.05	During Construction	Complete			City of Kamloops did not complete the Park Management Plan (search for updated plan completed on Nov 24, 2020).
658	Environment	City of New Westminster	Trans Mountain will discuss potential overlap of the sensitive life-history phases of species with special conservation status with the appropriate regulatory authority with respect to the Brunette Conservation Area.	City New Westminster IR No. 2.A.3	Prior to Construction	Complete	Superseded by CER Condition	110	Several discussions have been held to address the conservation of species in the Brunette Conservation Area, as well Trans Mountain has obtained SARA permits for the Brunette River (CER Condition 110 [Filing ID C07943], Authorizations under the Fisheries Act and Species at Risk permits, Brunette River (19-HPAC-00570) and addressed mitigation measures through Condition 44 (A90911) mitigation plans developed for species at risk.
660	Environment	City of New Westminster	Trans Mountain is committed to exploring ways to help the further recovery of aquatic ecosystems in the Brunette River Conservation Area that may be affected by TMEP.	City New Westminster IR No. 2.A.3.vii	Prior to Construction	Complete			Per CVIR 2021-395 IR Package 3 (IR#22), Trans Mountain has obtained Fisheries Act Authorization (19-HPAC-00570) for the works adjacent to the Brunette River. As part of the Application for Authorization, Trans Mountain's detailed offsetting plan outlines enhancement to both instream habitat and riparian areas along reaches of the Brunette River. Both these projects will contribute to an overall enhancement of the Brunette River watershed. The approved authorization and linked offset plan demonstrate our commitment to explore the recovery of aquatic ecosystems in the Brunette River Conservation Area.
662	Environment	NEB	Trans Mountain commits to monitoring the effectiveness of spawning deterrents within spread 6 to confirm success.	NEB Cond IR No. 15.1b	During Construction	Complete			No spawning deterrents were installed on Spread 6, therefore no monitoring for effectiveness was required.
669	Environment	NEB	Trans Mountain commits to additional spawning surveys if deterrents cannot be installed at Swift Creek or Albreda River (BC-82a).	NEB Cond IR No. 15.1a	Prior to Construction	Complete			Summary of 2017 Spawning Deterrent Monitoring and Maintenance Activities and Effectiveness Monitoring report was submitted to the CER via email on March 29, 2018 as part of CV1718-332.

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670	Environment	NEB	Trans Mountain commits to developing site-specific mitigation, remediation and/or monitoring measures during construction to manage impacted materials appropriately and ensure worker health and safety and protection of the environment, at the S&R Mills and adjacent City of Surrey lands fronting 19399 98A Ave, within the pipeline construction area. Site-specific plans will be filed with NEB 2 months prior to construction in the area of the high risk site.	NEB Cond IR No. 1.18e	Prior to Construction	Complete	Superseded by CER Condition	46	Trans Mountain filed CER Condition 46 Site-Specific Management Plan – Surrey/Langley Industrial Area (Filing ID C08055) in August 2020 detailing the mitigation, remediation and monitoring measures implemented in the Surrey and Langley Industrial Areas.
671	Environment	NEB	Trans Mountain commits to developing a site-specific plan to address mitigation and remedial measures specific to the contaminants of concern for the Former Ellerslie Waste Management Facility (FEWMF) site to prevent the pipeline trench from becoming a conduit for contamination. Site-specific plans will be filed with NEB 2 months prior to construction in the area of the high risk site.	NEB Cond IR No. 20.1.13c, d	Prior to Construction	Complete			CER Filing ID C00706, Condition 46 Site-Specific Management Plan – Ellerslie. The Plan addresses this commitment.
672	Environment	NEB	Trans Mountain commits to developing a health and safety plan to mitigate against worker and public exposure to the contaminants of concern at the Former Ellerslie Waste Management Facility (FEWMF) site. Site-specific plans will be filed with NEB 2 months prior to construction in the area of the high risk site.	NEB Cond IR No. 20.1.13c	Prior to Construction	Complete			CER Filing ID C00706, Condition 46 Site-Specific Management Plan – Ellerslie, Section 7.0, Page: 19.
674	Environment	NEB	Trans Mountain will provide the supplemental wildlife and vegetation data (that will be collected in August and September 2017) and the updated riparian habitat function assessment to the Board, on or before December 31, 2017.	NEB Cond IR No. 29.3c	During Construction	Complete			Condition 71 CER Filing ID A88882, Riparian Habitat Management Plan Updated Appendix E.
677	Environment	NEB	Trans Mountain commits to restoring riparian habitat within the 30 m reserve strip of the Brunette River that is disturbed as a result of construction activities, using a High Reclamation Target criteria.	NEB Cond IR No. 30.2b	Post-Construction Monitoring	Complete			Trans Mountain completed reclamation and revegetation of the 30m reserve strip of the Brunette River in the fall of 2023. The reclamation measures for riparian sites with High Habitat Function are described in Section 5.2.5 and Table 5.2-5 of the Riparian Management Plan (CER Condition 71). The results of the reclamation will be reported on under the Spread 7 PCEM report under Condition 151.
681	Environment	NEB	Trans Mountain commits to updating the Water Quality Monitoring Plan for the Coquihalla River (BC-654, in Hope) crossing, with parts a) - f) as identified in NEB IR No. 35.4.	NEB Cond IR No. 35.4	During Construction	Complete			The information from the IR was incorporated into the water quality monitoring section of the DFO Authorization for BC-654 (Coquihalla River Crossing) in Section 3.3.
687	Environment	NEB	Trans Mountain will file the results of the air emissions monitoring program during operations at the Edmonton Terminal with the Board annually.	NEB Cond IR No. 32.5	During Operations	Complete			Commitment is addressed through Condition 79 (Filing ID C29079) Annual Operational Air Quality and Meteorological Monitoring Report 2023 for Trans Mountain's Edmonton Terminal. The report provides an assessment of the results of monitoring with respect to compliance with the applicable ambient air quality objectives and describes any additional mitigation measures that were implemented as a result of monitoring. The report will be filed annually on March 31 of each year.
688	Environment	NEB	Trans Mountain will file the results of the air emissions monitoring program during operations at the Sumas Terminal with the Board annually.	NEB Cond IR No. 32.5	During Operations	Complete			Trans Mountain filed the annual air emissions monitoring report for Sumas Terminal on March 31, 2025 (C33971). Trans Mountain will continue to manage the annual filing of the report through internal processes.
689	Environment	NEB	Trans Mountain will file the results of the air emissions monitoring program during operations at the Burnaby Terminal with the Board annually.	NEB Cond IR No. 32.5	During Operations	Complete			Trans Mountain filed the annual air emissions monitoring report for Burnaby Terminal on March 31, 2025 (C33971). Trans Mountain will continue to manage the annual filing of the report through internal processes.
690	Environment	Gun Métis Local 55 (Lac Ste. Anne Métis)	Trans Mountain commits to not disturbing any known burial sites or cemeteries registered with Service Alberta under the Cemeteries Act or registered with Alberta Culture and Tourism under the Historical Resources Act during the Project.	Gunn Métis Local 55 IR No. 2.26	During Construction	Complete			No known burial sites will be disturbed under the current route. All future potential route changes will avoid any sites. Should a burial site be identified during construction, the Heritage Resources Discovery Contingency Plan and Traditional Land Use Sites Discovery Contingency Plan, Section 6.0 and 12.0, respectively will be implemented.
691	Environment	Gun Métis Local 55 (Lac Ste. Anne Métis)	Metis Nation of Alberta Gunn Metis Local 55 will be informed and consulted regarding all sacred sites that may be discovered during construction of the Project through their traditional territory.	Gunn Métis Local 55 IR No. 2.29	During Construction	Complete	Superseded by CER Condition	72	Gunn Metis Local 55 (now known as Lac Ste. Anne Metis) was notified in June 2021 of a sacred site discovery in Spread 2, which provided details on the site.
692	Environment	Gun Métis Local 55 (Lac Ste. Anne Métis)	In the event a heritage site is discovered, a qualified Heritage Resource specialist will develop, if warranted, an appropriate mitigation plan in consultation with the Lead Environmental Inspector(s), the Lead Activity Inspector(s) and the Construction Manager, and/or appropriate regulatory authority, as well as the applicable Aboriginal communities.	Gunn Métis Local 55 IR No. 2.30	During Construction	Complete	Superseded by CER Condition	72	Trans Mountain notified Gunn Metis Local 55 (now known as Lac Ste. Anne Metis) in June 2021 of a sacred site discovery in Spread 2, which provided details on proposed mitigation measures, observations of the site and photos.
693	Environment	Natural Resources Canada	Trans Mountain has previously committed to update its assessment of air quality as the Project's engineering design nears or reaches completion. If this air quality assessment reveals further increases in the concentrations of Project-related air pollutants over populated areas under the Base, Application or Cumulative Cases, Trans Mountain will update the human health risk assessment (HHRA). If Trans Mountain updates the HHRA, it would undertake to submit the updated assessment as a condition of approval on any Certificate that the NEB may grant.	GoC F-IR No. 2.01	Prior to Construction	Complete			Human Health Risk Assessment of Westridge Marine Terminal for the Trans Mountain Expansion Project – 2017 Update, CER Filing ID A86300.
694	Environment	Peters Band	Trans Mountain will retain Environmental Inspectors and Monitors with an understanding of the Contaminated Sites Regulation (B.C. Reg. 4/2014) and sampling protocols (BC Ministry of Environment 2009). If sampling is required it will be conducted under the direction of a Contaminated Sites Approved Professional (CSAP).	Peters Band IR No. 2(b).2.5(a)	During Construction	Complete	Superseded by CER Condition	46, 72	Condition 46 (CER Filing ID A90938) provides details on the responsibilities of the Environmental Inspectors and the Contamination Resouce Specialists (specifically PDF pg 26 #5). Specifics on Sampling can be found in Condition 46 (PDF pg 30 - 35). Condition 72 Appendix B (CER Filing ID C20382) also provides details on Contamination Discovery Contingency Plan (PDF pg 112).

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695	Environment	Gun Métis Local 55 (Lac Ste. Anne Métis)	Trans Mountain is committed to the development of the Reclamation Management Plan. The Reclamation Management Plan will also be developed in consultation with landowners, Aboriginal communities and the applicable Crown land managers.	Gunn Métis Local 55 IR No. 2.48	Prior to Construction	Complete	Superseded by CER Condition	72	Trans Mountain has filed its Reclamation Management Plan in CER Condition 72 (Filing ID A86570), consultation and engagement activities are found in Section 2.0 (PDF pg 12) and in Appendix A (PDF pg 42).
696	Environment	Horse Lake First Nation	Trans Mountain is committed to retain Aboriginal Monitors and is developing the details of Aboriginal Monitor participation through continued engagement with Aboriginal groups.	Horse Lake FN IR No. 2.1	Prior to Construction	Complete	Superseded by CER Condition	98	As part of Trans Mountain's environmental compliance program Indigenous Monitors will be members of the Environmental Monitor Inspection team. Details on the Indigenous Monitors scope of work is details in CER Condition 98 (Filing ID C00105) Indigenous Group Participation in Construction Monitoring.
699	Environment	Horse Lake First Nation	Trans Mountain will consult with Horse Lake First Nation during the development of the detailed Reclamation Management Plan.	Horse Lake FN IR No. 2.4b	Prior to Construction	Complete			An email was sent out to Horse Lake First Nation representatives requesting feedback to the Reclamation Management Plan, CER Filing ID A85996. Consultation records are provided in Section 3.3 of Appendix J, Appendix K, Page: J-17, K-1.
702	Environment	Peters Band	Trans Mountain commits to having Inspectors and Monitors responsible for identifying and mitigating Environmental effects, including contamination.	Peters Band IR No. 2(b).2.5(b)	During Construction	Complete	Superseded by CER Condition	72	Trans Mountain has filed Condition 72 Pipeline Environmental Protection Plan, where in Appendix G Section 3.2 Roles and Responsibilities are detailed, in particular Environmental Inspector's role in the event of contamination (PDF pg 317), and in Section 4.1.2 (PDF pg 333) where details for Environmental Inspectors and ML/ARD Field Monitor are provided. Groundwater mitigation measures provided in Section 4.2. (PDF pg 345). Details are also provided through CER filing of Condition 72 Environmental Compliance Management Plan (Filing ID A7A0Q4)
706	Environment	Peters Band	Trans Mountain will use chemical monitoring of groundwater on Peters Band reserve lands in areas where the contaminated sites review identifies a risk of contamination and there are relevant accessible water wells available.	Peters Band IR No. 2(b).2.5(b)	Prior to Construction	Complete	Superseded by CER Condition	46, 72	Chemical groundwater monitoring identified as high risk for contamination in Trans Mountain's CER Condition 46 filing (A90938). These are listed in Table 3 and described in Section 4.0, Page: 8 to 9. No contamination was identified on Peters Band Indigenous Reserve lands and no contamination was identified during construction. Condition 72, CER Filing ID C01961, Condition 72 Pipeline EPP, Section 1.0 in Appendix B, Page: B-3 to B-5.
707	Environment	Living Oceans Society	Trans Mountain will provide the requested input files used to perform the CALMET/CALPUFF dispersion modelling for the Marine Air Quality and Greenhouse Gas Marine Transportation Technical Report for the Trans Mountain Expansion Project, Supplemental Report No. 2 (December 2014) (Marine Supplemental Report No. 2) (Filing ID A4F5H8) directly to Living Oceans on a USB stick (Living_Oceans_IR_No._2.1 – Attachment 1).	Living Oceans IR No. 2.1	Prior to Construction	Complete			As part of the Fate and Behaviour Spill Modelling Study by EBA (now Tetra Tech) for Trans Mountain, a CD was prepared in 2014 containing all information recorded at the Westridge Station in 2013, including wind, current, and wave data. There is presently no documentation confirming this transaction. Trans Mountain's Final Argument was submitted in December 2015 to the CER and states that several intervenors did not consider research studies that were available on relevant properties (Filing ID A4W6L8), and points to a study provided to Living Oceans Society regarding the Trans Mountain Expansion Project that instead presents historical data on wind inputs for the Burrard Inlet and the Fraser River estuary instead (Filing ID A4L9R7, ex. pp 81, PDF page 26).
708	Environment	Living Oceans Society	Notwithstanding the limitations due to confidentiality and intellectual property outlined above, in addition to the name lists, run scripts, and emission descriptions, Trans Mountain agrees to supply the files that are specific to the estimated Project emissions at the time of the Application, outside of the National Energy Board filing process. Trans Mountain will send these files directly to the Intervenor on a USB stick (Living_Oceans_IR_No._2.2 - Attachment 1).	Living Oceans IR No. 2.2	Prior to Construction	Complete			As part of the Fate and Behaviour Spill Modelling Study by EBA (now Tetra Tech) for Trans Mountain, a CD was prepared in 2014 containing all information recorded at the Westridge Station in 2013, including wind, current, and wave data. There is presently no documentation confirming this transaction. Trans Mountain's Final Argument was submitted in December 2015 to the CER and states that several intervenors did not consider research studies that were available on relevant properties (Filing ID A4W6L8), and points to a study provided to Living Oceans Society regarding the Trans Mountain Expansion Project that instead presents historical data on wind inputs for the Burrard Inlet and the Fraser River estuary instead (Filing ID A4L9R7, ex. pp 81, PDF page 26).
710	Environment	Township of Langley	Trans Mountain Pipeline ULC (Trans Mountain) commits to pre-construction sampling of water wells that are 10 m deep or less within 150m of the proposed right-of-way.	Langley IR No. 2.08.a	Prior to Construction	Complete	Superseded by CER Condition	93	Trans Mountain provides a list of water wells within 150 m from the centerline of the pipeline right-of-way in Appendix D of CER Condition 93 (Filing ID A84458) Water Well Inventory. The scope of works completed to identify the wells are described in Section 2.0. Letters to affected owners were provided by Waterline.
712	Environment	NEB	Prior to construction, Trans Mountain commits to completing an intrusive investigation within the Project construction footprint in the vicinity of the Former Asbestos Dump identified by the Gunn Métis to confirm the presence/absence of asbestos.	NEB Cond IR No. 53.1b	Prior to Construction	Complete			Trans Mountain prepared the Summary of Soil Sampling Investigation Kilometre Post 98 – Wabamun, Alberta in August 2018. The purpose of the investigation was to confirm the presence/ absence of a former dump area, potentially containing buried asbestos.
715	Environment	NEB	In order to reduce the potential effects of disturbing contaminated soils during project activities, Trans Mountain commits to providing contractors with a site plan showing areas of potential concern for high and moderate risk sites for the applicable temporary work spaces in Spread 5A.	NEB Cond IR No. 42.5	Project Lifecycle	Complete			The Liability Assessment as filed in CER Condition 60 (A85798) was provided to the Spread 5A temporary work site contractor. Commitment applies to sites listed in the Condition 60 Application (CER Filing ID A85798). Applicable sites with moderate and high contamination in Spread 5a include: Kamloops Domtar Old Mill Stockpile Site (KAM013) Kamloops Office/Yard (KAM014) Merritt Camp and Office/Yard – Chutter Ranch (MER015)
716	Environment	Township of Langley	Trans Mountain is committed to removing all construction materials during final clean-up and reclamation.	Langley IR No. 2.12.b	During Construction	Complete	Superseded by CER Condition	72	Trans Mountain has provided details on the removal of all construction materials during final clean-up and reclamation through its filing to the CER for Condition 72 (CER Filing ID C20382) Pipeline EPP, Section 13.0 "Clean Up and Reclamation" (PDF Page 73).

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718	Environment	NEB	In order to reduce the potential effects of disturbing contaminated soils during project activities, Trans Mountain commits to providing contractors with a site plan showing areas of potential concern for high and moderate risk sites for the applicable temporary work spaces in Spread 5B.	NEB Cond IR No. 42.5	Project Lifecycle	Complete			The Liability Assessment as filed in CER Condition 60 (A85798) was provided to the Spread 5B temporary work site contractor. Commitment applies to sites listed in the Condition 60 Application (CER Filing ID A85798). Applicable site with moderate and high contamination in Spread 5b: Cheam Gravel Pit (CHE054)
719	Environment	Township of Langley	Trans Mountain is prepared to discuss with the Township of Langley the need for and costs of additional inspection to ensure potential issues related to erosion control and sedimentation are managed during construction.	Langley IR No. 2.13.e	Prior to Construction	Complete			A TWG meeting occurred on August 28, 2018 which included discussions related to erosion control and sediment management during construction.
720	Environment	Township of Langley	Trans Mountain commits to meet with the Township of Langley to further discuss the concerns regarding riparian vegetation.	Langley IR No. 2.14.b	Prior to Construction	Complete	Superseded by CER Condition	71	Feedback received from the Township of Langley is provided in Appendix C of CER Condition 71 (Filing ID A90936) Riparian Habitat Management Plan.
724	Environment	NEB	Trans Mountain commits to identifying the Former Asbestos Dump identified by the Gunn Metis in the updated Environmental Alignment Sheets.	NEB Cond IR No. 53.1d	Prior to Construction	Complete			Condition 72, Spread 2 Environmental Alignment Sheets, CER Filing ID C00475, Page: AB-037.
726	Environment	NEB	In the event that either of the 2 Horizontal Direction Drills (HDDs) planned for Pacific water shrew critical habitat fail and a contingency crossing method is required, Trans Mountain commits to providing a description of any appropriate site-specific mitigation and habitat enhancement measures, and reclamation prescriptions in the compliance filing for NEB Condition 108 (Contingency Watercourse Crossings).	NEB Cond IR No. 8.2b	During Construction	Complete	Superseded by CER Condition	44	During construction, Trans Mountain crossed all watercourses in Pacific water shrew critical habitat (between KP 1161.13 and 1162.5) successfully by trenchless methods.
728	Environment	NEB	Trans Mountain commits to using 'the collection of native seed from component species of rare ecological communities, and propagating new plants from the seed (rooted plugs)' as the primary method to restore species to the rare ecological communities. If seed of the component species is not available, plant salvage and transplant will be used.	NEB Cond IR No. 10.4	Prior to Construction	Complete	Superseded by CER Condition	42	CER Condition 42 (Filing ID A84318) Grasslands Survey and Mitigation Plan, Section 5.3.5, Page: 32.
729	Environment	NEB	Trans Mountain commits that, if there is no change from baseline to Post-Construction Environmental Monitoring (PCEM) targets or if there is an upward trend, Trans Mountain will consider the mitigation and reclamation measures to be resolved successfully, however monitoring at the location will continue until the final tenth year of PCEM, when all transects will be monitored.	NEB Cond IR No. 10.5	Post-Construction Monitoring	Complete	Superseded by CER Condition	42	Commitment is addressed through Condition 42 Grasslands Survey and Mitigation Plan, Section 6.0 (filing ID A84318-3) which states that baseline targets will be compared to the Post-Construction Environmental Monitoring (PCEM) grassland status at years one, three, five, and ten of PCEM for each plot. If there is no change from baseline to PCEM targets, or if there is an upward trend, the mitigation and reclamation measures will be considered resolved and monitoring at the location will stop, until the final tenth year of PCEM, when all transects will be monitored (PDF page 40).
731	Environment	NEB	Trans Mountain commits to establishing additional post-construction environmental monitoring (PCEM) transects in native grassland areas if environmental issues are identified during overflights or during operations maintenance activities.	NEB Cond IR No. 10.5	Post-Construction Monitoring	Complete	Superseded by CER Condition	42	The commitment has been incorporated into Trans Mountain's grasslands field guide, wherein details on monitoring through overflights or operations maintenance activities are detailed.
735	Environment	NEB	Trans Mountain commits that funding to BC Parks for grasslands offsets will include funds for monitoring and reporting on the implementation and effectiveness of offset measures.	NEB Cond IR No. 10.6b	Post-Construction Monitoring	Complete	Superseded by BC EAO	21	Trans Mountain has prepared the Provincial Parks and Protected Areas Offsetting (the Plan) for Environmental Assessment Certificate (EAC) Condition 21. As required by Condition 21a) the Plan must be developed in a manner consistent with BC's Policy for Mitigating Impacts on Environmental Values (the Policy) (2014, or as amended from time to time). In accordance with the Policy and the accompanying Procedures for Mitigating Impacts on Environmental Values (2014), all costs and payments, including for administration and ongoing maintenance, and monitoring to ensure effectiveness of the offset, are the responsibility of the proponent. Land securement is the preferred offsetting mechanism for BC Parks. The acquisition and transfer of land to BC Parks will include a monitoring period in accordance with the Policy and will be agreed upon between Trans Mountain and BC Parks as directed by the BC Environmental Assessment Office revision instructions dated December 5, 2024.
741	Environment	NEB	Trans Mountain commits that if feedback is received from Environment and Climate Change Canada related to the quantification of direct and indirect habitat disturbance as outlined in the Pre-construction Caribou Habitat Assessment filed June 2017, it will be considered and incorporated into any updated analyses required to address NEB Condition 37b(vi) (Final Caribou Habitat Restoration Plan).	NEB Cond IR No. 12.3	Post-Construction Monitoring	Complete	Superseded by CER Condition	37	Commitment is addressed via CER Condition 37b Final Caribou Habitat Restoration Plan (Filing ID C32034-2) which was issued for consultation to Environment and Climate Change Canada between September 16, 2024 and October 17, 2024. Additional feedback on the Pre-Construction Caribou Habitat Assessment from ECCC related to the quantification of direct and indirect habitat disturbance was not received.
742	Environment	NEB	Trans Mountain commits to the monitoring of survivorship of planted tree seedlings as part of the 5-year Post-Construction Environmental Monitoring (PCEM), using the measurable target of a minimum 80% survivorship of supplemental tree planting within 5 years, in the Sowaqua Spotted Owl WHA.	NEB Cond IR No. 14.10a	Post-Construction Monitoring	In Progress	Superseded by CER Condition	38	Commitment addressed by CER Condition 38, CER Filing ID A85803, Condition 38 Sowaqua Spotted Owl Mitigation Plan, Section 6.0, 7.3 (Table 10), Page: 27, 31.
744	Environment	NEB	Trans Mountain commits to the monitoring of retention and replacement of identified suitable nest trees, using the measurable target that for each identified suitable nest tree for spotted owl that may be removed within the Sowaqua Spotted Owl WHA, it will be retained or replaced with an alternate nesting habitat feature.	NEB Cond IR No. 14.10h	During Construction	Complete	Superseded by CER Condition	38	Trans Mountain has implemented Condition 38 in which details of mitigation and habitat restoration measures are provided (Filing ID A85803).
748	Environment	Squamish Nation	Trans Mountain commits to completing an assessment of the potential for serious harm resulting from a spill during the operation phase, including appropriate cleanup, mitigation, and potential offset measures if warranted. The assessment will be completed on a case-by-case basis, as required (i.e., where there may be potential for adverse effects to fish and fish habitat).	Squamish Nation IR No. 2(c).01.g	During Operations	In Progress			

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751	Environment	Upper Nicola Band	Should additional unmapped fish-bearing watercourses be identified during survey or a route walk prior to construction, Trans Mountain will assess these watercourses for the potential for Serious Harm.	Upper Nicola Band IR No. 2(c).06.e	Prior to Construction	Complete	Superseded by CER Condition	72	Section 14.3 #5 provides details for unmapped watercourses identified during survey or route reconnaissance through CER Condition 72, (Filing ID C20382).
754	Environment	Katzie First Nation	Provide Katzie First Nation with a 1:5,000 scale map (Reference (i), map number 201501_MAP_TERA_HER_00669_REVO) of all known archaeological sites located within 500 m of the Project Footprint, including sites DgRp-10, DhRq-17, DgRq-85, DhRq-36 and DhRq-43 if they are not already captured.	Katzie FN IR No. 2.2.02	Prior to Construction	Complete			Files were transferred via secure file transfer on March 25, 2015.
755	Environment	Katzie First Nation	Wildlife surveys within Surrey Bend Regional Park will be conducted once land access is granted.	Katzie FN IR No. 2.2.04	Prior to Construction	Complete			Condition 7, CER Filing ID A82140, South Fraser Perimeter Road Route Realignment Environmental and Socio-Economic Assessment, Section 3.9, Page: 11.
758	Environment	Upper Nicola Band	Trans Mountain is committed to applying appropriate mitigation strategies during the construction of all the Project's watercourse crossings. Specific to watercourses that provide fish habitat, the Project will incorporate standard measures outlined by the Fisheries and Oceans Canada (DFO) Measures to Avoid Causing Harm to Fish and Fish Habitat and, if warranted, alternative or supplemental mitigation measures.	Upper Nicola Band IR No. 2(c).07.e	During Construction	Complete	Superseded by CER Condition	43	Commitment addressed by CER Condition 43 , CER Filing ID A82366, A82369, A82390, A82392, A82395, A82397, A82400, A82405, A82409 (original filing) , CER Filing ID C00815, Condition 43 Watercourse Crossing Inventory Update (Appendix A-D), CER Filing ID C08399 (Spread 4b update), CER Filing ID C08687 (Spread 1 and 2 update), CER Filing ID C10251 (Spread 5a update). Complete documents address this commitment.
763	Environment	NEB	Trans Mountain will take a proactive approach to Burnaby Mountain tunneling operations and associated activities and will require all machinery and equipment to be maintained and operated to manufacturer's standards and to the regulatory conditions of air emissions and construction permits.	NEB IR No. 4.3c	Prior to Construction	Complete	Superseded by CER Condition	72	Commitment addressed by CER Condition 72, CER Filing ID C08263, Burnaby Mountain Tunnel EPP, Section 7.0, Page 7-7. CER filing C02201
765	Environment	Province of British Columbia	Trans Mountain will accurately reflect the location of drinking water supply sources within 100 m of the pipeline, its facility, or areas that could be impacted from a release as modeled in Application Volume 7, Section 3 (Filing ID A354V5) based on information available from Provincial and Municipal permitting agencies.	Province BC IR No. 2.11	Prior to Construction	Complete	Superseded by CER Condition	93	Trans Mountain has evaluated and assessed water wells within 150 m of the pipeline right-of-way, the details on the finding are found in CER Condition 93 (Filing ID A84458) Water Well Inventory, Section 2.0, Appendix D, Page: 4, D-1. Further documentation on groundwater monitoring, can be found in CER Condition 130 Groundwater Monitoring Program filed in December of 2022 (Filing ID C22683).
766	Environment	Province of British Columbia	Trans Mountain will work with communities that have specific concerns related to protection of municipal water sources and will consider installation of monitoring wells in strategic locations.	Province BC IR No. 2.12	During Operations	Complete	Superseded by CER Condition	130	Commitment addressed by CER Commitment 130, filed December 20, 2022 (Filing ID C22683). Section 6.0 of this report outlines consultation and engagement and confirms that responses were provided directly to interested parties when they asked Trans Mountain questions (PDF page 27). Details of engagement with Indigenous groups (Appendix C-1), appropriate Government authorities (Appendix C-2), and landowners/tenants (C-3) are found in Appendix C (PDF page 153). Groundwater monitoring wells were utilized during construction; the construction and use of groundwater monitoring wells can be found in sections 3.1 (PDF page 7), 3.2 (PDF page 8), and 4.5 (PDF page 22).
768	Environment	NEB	Trans Mountain will restore disturbed riparian zones.	NEB IR No. 4.7a	During Construction	Complete	Superseded by CER Condition	71	Condition 71 (A90936) provides construction mitigation measures related to watercourse crossings and riparian areas, specifically instream works that are summarized in Section 5.2.1, are presented in Condition 72 Pipeline EPP (Section 14.0 of Volume 2 of the Environmental Plans C20382) and the Reclamation Management Plan (Section 9.0 of Volume 6 of the Environmental Plans). Reclamation measures for Low, Moderate and High function riparian areas will be implemented within the riparian buffer (Table 3.3-1) and are presented in Section 5.2.2.
773	Environment	NEB	Trans Mountain will include a Dust Mitigation Plan as a component of the Fugitive Emissions Management Plans which must be submitted to the National Energy Board (NEB) at least four months prior to commencing construction in accordance with NEB Draft Condition (April 2014) 20 (Westridge Marine Terminal) of the NEB's Letter.	NEB IR No. 4.03a.4	Prior to Construction	Complete	Superseded by CER Condition	53	Trans Mountain provided dust mitigation measures in CER filing of Condition 53, Section 3.0 and 4.0 of the Fugitive Emissions Management Plan for Westridge Marine Terminal on June 15, 2017. Dust mitigation measures are also identified in Section 4.8, Table 4 which summarizes emissions controls employed at the terminal CER Condition 52, (A82640) Air Emissions Management Plan for Westridge Marine Terminal.
777	Environment	NEB	With respect to mitigation measures, Trans Mountain will align with the broader strategies identified in the Recovery Strategy for Nooksack dace and Salish sucker.	NEB IR No. 4.07	Prior to Construction	Complete	Superseded by CER Condition	75	Trans Mountain has provided Nooksack Dace (NDC) and Salish Sucker (SSU) Management Plan through CER Condition 75 (Filing ID A84146) where mitigation measures are provided on NDC and SSU. Trans Mountain also references NDC and SSU Management Plan in CER Condition 72 (CER Filing ID C20382) Pipeline EPP, Appendix G, Section 8.1. Trans Mountain provides a copy of permits received from SARA which also addresses mitigation measures for Nooksack Dace and Salish Sucker through CER Condition 110b - Brunette River (Filing ID C07943)
780	Environment	NEB	Trans Mountain will ensure that adequate riparian setbacks are maintained for all watercourse crossings and that the amount of riparian vegetation removal is limited during construction.	NEB IR No. 4.7c	During Construction	Complete	Superseded by CER Condition	71, 72	Through Trans Mountain's filed Condition 72 (C20382) Section 8.0, 14.1 and Appendix G Section 8.6 provide details on the riparian setbacks and through Condition 71 (A90936) Riparian Habitat Plan.
784	Environment	NEB	Trans Mountain will revise additional site-specific mitigation measures for watercourses identified as critical Nooksack dace to include similar riparian reserve measures proposed for Salish sucker which will be included in final Pipeline Environmental Protection Plan, to be filed with the NEB, at least 90 days prior to construction in accordance with NEB draft condition No. 29.	NEB IR No. 4.07	Prior to Construction	Complete	Superseded by CER Condition	75	Trans Mountain provides riparian reserve measures in the initial CER Condition 72 filing on October 1, 2019 (Filing ID C01961), an update was filed in August 2022. The Pipeline EPP provides NDC and SSU Management Plan in Appendix G, Section 8.1 (CER Filing ID C20382). Trans Mountain has provided Nooksack Dace (NDC) and Salish Sucker (SSU) Management Plan through CER

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									Condition 75 (Filing ID A84146) where mitigation measures are provided on NDC and SSU.
792	Environment	NEB	Trans Mountain will include additional site-specific mitigation measures for watercourses identified as critical Nooksack dace and Salish sucker habitat in the final Pipeline Environmental Protection Plan, to be filed with the NEB, at least 90 days prior to construction in accordance with NEB draft condition No. 29.	NEB IR No. 4.07	Prior to Construction	Complete	Superseded by CER Condition	75	Trans Mountain provides riparian reserve measures in the initial CER Condition 72 filing on October 1, 2019 (Filing ID C01961), an update was filed in August 2022. The Pipeline EPP provides NDC and SSU Management Plan in Appendix G, Section 8.1 (CER Filing ID C20382). Trans Mountain has provided Nooksack Dace (NDC) and Salish Sucker (SSU) Management Plan through CER Condition 75 (Filing ID A84146) where mitigation measures are provided on NDC and SSU.
796	Environment	NEB	Although no Oregon spotted frog were identified during the March 2015 surveys, Trans Mountain will continue to work with BC Ministry of Forests, Lands and Natural Resource Operations (MFLNRO) to discuss mitigation measures for Oregon spotted frog.	NEB IR No. 4.10	Prior to Construction	Complete	Superseded by CER Condition	44	It was noted that the Oregon spotted frog has been found in three new locations of the TMEP pipeline corridor crossings, in review and discussions with BC Ministry of Forests, Lands and Natural Resource Operations (BC MFLNRO), Trans Mountain has filed the Oregon Spotted Frog Mitigation and Habitat Restoration Plan, under CER Condition 44, (Filing ID A90907), where in Section 5.2, details on measures to reduce and minimize Project effects. Appendix B provides details on consultation and engagement with BC MFLNRO for the mitigation measures for the Oregon Spotted Frog (PDF pg 45).
798	Environment	NEB	Trans Mountain will update Table L2 of the Pipeline Environmental Protection Plan (EPP) to more clearly link the mitigation measures already listed in the EPP to Western barn owl.	NEB IR No. 4.10	Prior to Construction	Complete	Superseded by CER Condition	44	Condition 44 - Barn Owl Mitigation and Habitat Restoration Plan
800	Environment	NEB	Trans Mountain will prepare Mitigation Plans for the Oregon forest snail and Oregon spotted frog.	NEB IR No. 4.10	Prior to Construction	Complete	Superseded by CER Condition	44	Commitment addressed by CER Condition 44 Oregon Spotted Frog Mitigation and Habitat Restoration Plan (CER Filing ID A90907) and Condition 44 Oregon forest snail Mitigation and Habitat Restoration Plan (CER Filing ID A85185)
803	Environment	NEB	Trans Mountain will specifically update Table L2 in the Pipeline Environmental Protection Plan (EPP), to link mitigation measures already provided in the EPP to species with early candidate critical habitat of the American badger (jeffersonii subspecies), Western barn owl and Western screech owl (macfarlanei and kennicottii subspecies).	NEB IR No. 4.10	Prior to Construction	Complete	Superseded by CER Condition	44	The details can be found in Condition 72 (C20382) Appendix G, Section 6.4.2.2 for American Badger, Section 6.4.2.1 for Barn Owl, and Section 6.4.2.3 for the Western Screech Owl. Also, through CER Condition 44 filings, mitigation measures are provided for the American Badger (CER Filing ID A83034-2, A85074), Western Barn Owl and Western Screech Owl (CER Filing ID A90910)
804	Environment	Upper Nicola Band	Soil inspection site 71BH will be added to the revised Environmental Alignment Sheets when they are submitted in advance of construction.	Upper Nicola Band IR No. 2.17b	Prior to Construction	Complete	Superseded by CER Condition	72	Soil Inspection 71BH can be found in CER Condition 72 (CER Filing ID C03921-10), Spread 5a Environmental Alignment Sheets, Page BC-113 filed on January 31, 2020.
806	Environment	Upper Nicola Band	Buntzen and shallow Buntzen soils were identified during a supplemental soil survey. These soil units will be mapped in relation to the Project footprint on the Environmental Alignment Sheets that will be issued prior to the commencement of construction.	Upper Nicola Band IR No. 2.24c	Prior to Construction	Complete	Superseded by CER Condition	72	Trans Mountain provides details on the Buntzen soils through CER filing in Condition 72 RSMT for Spread 5b (Filing ID C05600-5) where the parameters of the soil are listed. The only shallow Buntzen is located on the Westridge Delivery Line (at KP 1 to 2.5) (CER Filing ID C02201). These soils are not present elsewhere on the line.
807	Environment	Upper Nicola Band	Detailed reclamation strategies for sensitive areas will be finalized before construction and appropriate seed mixes and seeding strategies will be developed in consultation with the land owner or appropriate regulatory agency.	Upper Nicola Band IR No. 2.24d	Prior to Construction	Complete	Superseded by CER Condition	72, 78, 81	Trans Mountain, through CER Condition 72 Volume 6 (Filing ID A86570-1), Reclamation Management Plan, provides details for reclamation strategies throughout the plan and appropriate seed mixes are captured in Section 5.6. Consultation and Engagement regarding seed mixes and cover crop can be found in Appendix J and Appendix E covers KP 806.6 to KP 990.3 (PDF pg 176).
808	Environment	Upper Nicola Band	Trans Mountain will consult with the Upper Nicola Band First Nation regarding their concerns during the development of detailed reclamation planning and prior to the finalization of the Reclamation Management Plan.	Upper Nicola Band IR No. 2.24f	Prior to Construction	Complete	Superseded by CER Condition	72	Trans Mountain provides engagement records in Appendix J of CER Condition 72 (Filing ID A86570), Reclamation Management Plan, specifically engagement with Upper Nicola Band First Nation can be found Page: J-13 to J-16 (PDF pg 319-321). Appendix K (PDF pg 325) provides a list of the Indigenous groups engaged on the Reclamation Management Plan.
809	Environment	NEB	Trans Mountain will consult with the appropriate regulatory authority to discuss project routing in relation to early candidate critical habitat and recommend field visit to review the presence of biophysical attributes of key critical habitat.	NEB IR No. 4.10	Prior to Construction	Complete	Superseded by CER Condition	44	Trans Mountain provides consultation and engagement activities within species-specific mitigation and habitat restoration plans filed through CER Conditions 37, 38, 44, 56. Examples: Condition 37, Filing ID A85071, Preliminary Caribou Habitat Restoration Plan, Appendix B, Page: B-3 to B-10; Condition 38, CER Filing ID A85803, Sowaqua Spotted Owl Mitigation Plan, Appendix B, Page: B-3 to B-7; Condition 44, CER Filing ID A90910 Western Screech-Owl Mitigation and Habitat Restoration Plan, Appendix A, Page: A-3 to A-8. Condition 56, CER Filing ID A90913, Grizzly Bear Mitigation Plan, Appendix A, Page: A-4 to A-6.
811	Environment	Upper Nicola Band	The requested Watercourse Crossing Summary Table will be updated closer to construction, should additional unmapped watercourses be identified and assessed during the survey or a final route walk.	Upper Nicola Band IR No. 2.31e	Prior to Construction	Complete	Superseded by CER Condition	43	Through CER Condition 43 Watercourse Crossing Inventory, Trans Mountain provides updates to the Watercourse Crossing Summary Table whenever new information is acquired. The information is filed under Commitment 43, the latest of which was filed on February 14, 2023 (CER Filing ID C23278).
812	Environment	Upper Nicola Band	Estimates for riparian disturbance will be assessed and updated, should additional unmapped defined watercourses be identified during survey or a route walk prior to construction.	Upper Nicola Band IR No. 2.31f	Prior to Construction	Complete	Superseded by CER Condition	71	Trans Mountain has assessed the watercourses through survey and route walks, these findings are updated in CER Condition 71, Riparian Habitat Management Plan, the latest of which was provided on April 2, 2018 (CER Filing ID A90936) Section 3.2, Page: 11. In follow up to riparian disturbance

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									due to watercourse crossings, Trans Mountain will file CER Condition 154 Riparian Habitat Reclamation Evaluation Report and Offset Plan 5 years after operations, this report will include reclamation activities for every watercourse and Condition 151 Post-Construction Environmental Monitoring Reports.
815	Environment	Fraser Valley Regional District	Trans Mountain will work with the Fraser Health Authority (FHA), regarding Project construction activities to identify and develop resolutions to potential and specified concerns for the protection of drinking water supplies in the Fraser Valley Regional District (FVRD).	FVRD IR No. 2.02	Prior to Construction	Complete	Superseded by CER Condition	94	Discussions around drinking water supply wells are captured in CER Condition 94, (CER Filing ID A84464) in Table 5 (PDF pg 18) Consultation Report – Protection of Municipal Water Sources. Condition 93 also provides a list of water wells identified throughout the Project (CER Filing ID A84458 and update C13592).
818	Environment	NEB	Trans Mountain commits to ensuring that any updates to performance indicators and targets included in the re-filed Sowaqua Spotted Owl Mitigation Plan will be provided in the relevant sections of the Post-Construction Environmental Monitoring (PCEM) reports for Sowaqua spotted owl.	NEB Cond IR No. 14.10i	Post-Construction Monitoring	In Progress	Superseded by CER Condition	38	Commitment addressed by CER Condition 38, CER Filing ID A85803, Condition 38 Sowaqua Spotted Owl Mitigation Plan, Section 7.4, Page: 32.
820	Environment	NEB	Trans Mountain commits to considering, where sufficient supplemental material and storage is available and wildfire risk guidelines allow, replacement of 75 m3/ha of coarse woody debris within the Project Footprint in the Sowaqua Spotted Owl Wildlife Habitat Area.	NEB Cond IR No. 14.7	During Construction	Complete	Superseded by CER Condition	38	Trans Mountain provides details in Condition 38 - Sowaqua Spotted Owl Mitigation Plan (Filing ID A85803) filed on March 1, 2023, in which mitigation and habitat restoration measures were provided including replacement of coarse woody debris.
821	Environment	Fraser Valley Regional District	Trans Mountain commits to consult with the Lower Fraser Valley Air Quality Coordinating Committee commencing in Q1 2015 in the development of the Community Multi-Scale Air Quality (CMAQ) modelling plan for additional CMAQ modelling.	FVRD IR No. 2.10, GoC NRCAN IR No. 2.01, Metro Vancouver IR No. 2.3.1.	Prior to Construction	Complete			Reply Evidence Appendix 33C - Air Quality Modelling, Updated Community Multi-scale Air Quality (CMAQ) Photochemical Modelling for the TMEP, CER Filing ID A45716. Reply Evidence Appendix 33A - Letter From Metro Vancouver – April 17, 2015, CER Filing ID A45714.
826	Environment	Fraser Valley Regional District	Trans Mountain will engage Fraser Valley Regional District during the development of the Dust Management Plan.	FVRD IR No. 2.18	Prior to Construction	Complete	Superseded by CER Condition	52, 79	Trans Mountain has provided the Dust Management Plans through CER Conditions 52 (Filing ID A82640), 79 (Filing ID A84102), 85 (Filing ID A84129), in which Engagement and Consultation feedback are provided. Feedback on draft plans was requested on November 29, 2016. Feedback was received on Condition 79 on March 3, 2017.
827	Environment	Fraser Valley Regional District	Trans Mountain will begin engagement with the Fraser Valley Regional District regarding the development of an Air Emissions Management Plan for the Westridge Marine Terminal.	FVRD IR No. 2.19, Metro Vancouver IR No. 1.1.6.03i, City Burnaby IR No. 2.085, City Burnaby IR No. 2.086, City Burnaby IR No. 1.04.1.4h, City Burnaby IR No. 1.28.0.1c.	Prior to Construction	Complete	Superseded by CER Condition	52	Trans Mountain has worked with the Fraser Valley Regional District in developing the CER Condition 52 (CER Filing ID A84415) Air Emissions Management Plan for Westridge Marine Terminal. A letter was provided to FVRD in November of 2016 (Appendix B Table B-1) and discussions through Trans Mountain's Technical Working Group were held to review the draft Air Emissions Management Plan in February 2017 (Condition 49, A82652-2 PDF pg 43)
828	Environment	Fraser Valley Regional District	Trans Mountain will consult with Fraser Valley Regional District (FVRD) on the Fugitive Emissions Management Plan for those portions pertaining to Sumas Tank Terminal within FVRD.	FVRD IR No. 2.20	Prior to Construction	Complete			Commitment addressed by CER Condition 54, CER Filing ID A84796, Condition 54 Fugitive Emissions Management Plan for Sumas and Burnaby Terminals, Appendix B, Page: B-1.
830	Environment	North Shore NOPE	Trans Mountain has committed to undertaking updated air quality assessments to inform engineering design.	NSNOPE IR No. 2.03c	Prior to Construction	Complete			Air modelling was updated again in 2016 and submitted with the AEMPs for Conditions 52, Air Emissions Management Plan for WMT (CER Filing ID A84415), Appendix F, Condition 79, Air Emissions Management Plan for the Edmonton, Sumas and Burnaby Terminals (CER Filing ID A84102 and CER Filing ID C08441), Appendix G.
831	Environment	North Shore NOPE	Trans Mountain is committed to demonstrating ongoing ability to meet the applicable ambient air quality objectives at the Westridge Marine Terminal for the final engineering design of the facilities.	NSNOPE IR No. 2.03c	Prior to Construction	Complete	Superseded by CER Condition	52	Trans Mountain has provided the CER Condition 52 Air Emissions Management Plan for Westridge Marine Terminal (Filing ID A84415), where in Section 1.0 Introduction the ambient air quality objectives have been addressed.
832	Environment	North Shore NOPE	Trans Mountain intends to continue air quality modelling in 2015 to determine tank design, updated vapour control specifications, and any other related design change, using an iterative process.	NSNOPE IR No. 2.03c	Prior to Construction	Complete			Air modelling was updated again in 2016 and submitted with the AEMPs for Conditions 52, Air Emissions Management Plan for WMT (CER Filing ID A84415), Appendix F, Condition 79, Air Emissions Management Plan for the Edmonton, Sumas and Burnaby Terminals (CER Filing ID A84102 and CER Filing ID C08441), Appendix G.
833	Environment	Natural Resources Canada	Trans Mountain will update the human health risk assessment (HHRA) for the Burrard Inlet area if revisions to air dispersion modelling based on final or near final engineering design result in increases in the concentrations of air pollutants over populated areas for the Base, Application and Cumulative cases.	GoC NRCAN F-IR No. 2.01	Prior to Construction	Complete			Human Health Risk Assessment of Westridge Marine Terminal for the Trans Mountain Expansion Project – 2017 Update, CER Filing ID A86300.
841	Environment	NEB	Trans Mountain commits to extending passive monitoring of ambient SO2 and NO2 concentrations at the Westridge Marine Terminal during operations for five consecutive years.	NEB Cond IR No. 18.1	During Operations	Complete			CER Condition 52, CER Filing ID A84415, Air Emissions Management Plan for Westridge Marine Terminal, Section 3.1, Page: 6.
842	Environment	NEB	Trans Mountain commits to filing annual reports that summarize the ambient air quality monitoring program during operations at the Westridge Marine Terminal with the NEB. These annual reports will include an assessment of the measurement results with respect to compliance with the	NEB Cond IR No. 18.3	During Operations	Complete	Superseded by CER Condition	52	Trans Mountain filed the annual air emissions monitoring report for Westridge Marine Terminal on April 10, 2025 (C34117). Trans Mountain will continue to file the annual report managed through internal processes.

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			applicable ambient air quality objectives as well as any additional mitigation measures that might result from the monitoring results.						
843	Environment	NEB	Trans Mountain commits to considering and incorporating feedback on the Condition 54 Fugitive Emissions Management Plan for Edmonton, Sumas and Burnaby Terminals, as appropriate. Where feedback or concerns will not be incorporated, Trans Mountain will respond to Aboriginal groups to explain why.	NEB Cond IR No. 22.4; NEB Cond IR No. 22.5	Prior to Construction	Complete	Superseded by CER Condition	54	Trans Mountain provides details on feedback received through Indigenous engagement and consultation in Appendix A of the CER Condition 54 filings. (Edmonton CER Filing ID A84796 Page: A-1 to A-5) (Sumas and Burnaby Terminals, Appendix A, Page: A-1 to A-8). Feedback from Indigenous groups is also provided through the CER Condition 96 filings (Filing ID A84533), updates to the engagement records are filed with the CER every 6 months.
844	Environment	NEB	Trans Mountain commits to updating the Westridge Marine Terminal Environmental Facility Drawing to include the location of any stick nests found in the area prior to clearing, along with appropriate no disturbance buffers delineated.	NEB Cond IR No. 25.13	Prior to Construction	Complete			Condition 81, CER Filing ID C08265, Condition 81 Westridge Marine Terminal EPP, Appendix E, Figure EFD-17 was updated to include WILD-172.
845	Environment	NEB	Trans Mountain commits to updating the Westridge Marine Terminal Environmental Protection Plan and alignment sheets to include mitigation measures outlined in the Bald Eagle Nest Management Plan.	NEB Cond IR No. 25.13	Prior to Construction	Complete	Superseded by CER Condition	81	Trans Mountain provided an update to the Westridge Marine Terminal Environmental Protection Plan on August 2020, which included mitigation measures for the Bald Eagle Nest, this was filed through CER Condition 81, (Filing ID C08265) Westridge Marine Terminal EPP, Section 6.0, 7.2, Appendix D, Appendix E.
846	Environment	Strata NW 313	In addition to construction management personnel, Trans Mountain will have construction and Environmental inspectors in place during construction to ensure Environmental Protection Plan (EPP) measures are implemented as needed and as committed to.	Strata NW313 IR No. 2.03b	During Construction	Complete	Superseded by CER Condition	72	Addressed through CER Condition 72 (Filing ID C03070) Environmental Compliance Management Plan. The Environmental Inspectors (EIs) will closely assess and verify whether construction work and environmental management is in conformance with all applicable Environmental requirements.
848	Environment	NEB	Trans Mountain commits to updating the Westridge Marine Terminal Environmental Protection Plan to include changes to proposed mitigation measures resulting from concerns raised by Environment and Climate Change Canada in the May 30, 2017 filing of ECCC-CWS Additional Comments on Trans Mountain Expansion Project Management and Mitigation Plans.	NEB Cond IR No. 25.14	Prior to Construction	Complete	Superseded by CER Condition	81	Condition 81, CER Filing ID C08265, Condition 81 Westridge Marine Terminal EPP. "Species at Risk" is defined in the Glossary on Page: iv "This assessment will: investigate the effects to the shoreline, sediment, water and wildlife in detail; provide comparisons of concentrations of parameters of concern with applicable guideline concentrations; and provide recommendations for remedial activities, if warranted." was added to Marine Spill Contingency Plan, Page: B-10 "Migratory Bird Damage or Danger Permit in the list of Federal environmental permits" was added to the list of permits in Table 4-1 (previously Table 4.8-1 on Page: 4-2.
849	Environment	NEB	During construction at the WMT, Trans Mountain commits to installing and maintaining permanent deterrent devices to prevent birds from nesting in areas that could cause damage or danger to infrastructure, or injury to the birds themselves. Nest deterrents will be installed outside of the primary nesting period (March 26 to August 17) for migratory birds, as per Environment and Climate Change Canada guidelines, and may include visual, physical, or energized deterrents depending on the type of infrastructure.	NEB Cond IR No. 25.14	During Construction	Complete	Superseded by CER Condition	81	Trans Mountain through CER Condition 81, Section 7.4 provides details on the deterrents for the Westridge Marine Terminal. Further plans were developed and implemented as part of the Bald Eagle Mitigation Project at WMT, prepared and performed by a 3rd party.
853	Environment	Stk'emlupsemc Te Secwepemc	Trans Mountain will implement mitigation to ensure Project personnel are prohibited from fishing on Jacko Lake during construction activities and efforts will be made to provide continuous access to Jacko Lake.	SSN IR No. 2.10.01	Prior to Construction	Complete	Superseded by CER Condition	47, 72	Commitment addressed by Condition 72 Spread 5a Resource Specific Mitigation Table, Sections 3.0 and 7.0, Page: 10, 60 (CER Filing ID C04634). Consultation was completed and documented in Condition 47 Access Management Plan, Section 3.4.6, 3.4.6.5, Page: 18 to 20 (Filing ID A90912). This is also provided to the field through Spread 5A SMJV Orientation.
855	Environment	Stk'emlupsemc Te Secwepemc	Trans Mountain will ensure that an appropriately qualified professional will conduct any nest sweeps or species-specific surveys on Stkemlupsemc Te Secwepemc Nation (SSN) territory.	SSN IR No. 2.32	Prior to Construction	Complete	Superseded by CER Condition	72, 44	CER Condition 72 Pipeline Environment Protection Plan, has been filed by Trans Mountain to the CER defining the process in which Trans Mountain conducts nest sweeps (Filing ID C20382) Condition 44 Spread 5a RSMT, CER Filing ID C04634, Section 4.3, Page: 22 to 41. Condition 72, Section 6.0, 7.0 #8, Section 8.0 #6 and Appendix G, species-specific mitigation plans.
856	Environment	Stk'emlupsemc Te Secwepemc	Trans Mountain will include Stkemlupsemc Te Secwepemc Nation (SSN) in discussions with BC Ministry of Forests, Lands and Natural Resource Operations if sensitive species are found within SSN territory.	SSN IR No. 2.32	Prior to Construction	Complete	Superseded by CER Condition	44, 72	Stk'emlupsemc Te Secwepemc (SSN) were included in discussions in areas identified with sensitive species. Condition 72 Volume 7 - RSMT Spread 5A, Table 3.0-3 provides details on SSN's engagement (CER Filing ID C04634) and Table E-4 in Condition 72 Pipeline EPP (Filing ID C20382). Also, Condition 44 Western Screech Owl Mitigation and Restoration Habitat Plan (Filing ID A90910), provides feedback on the plan and participation in the Wildlife Field Studies.
857	Environment	Samson Cree Nation	Trans Mountain is committed to continued engagement with Aboriginal groups when the Reclamation Management Plan is being finalized.	Samson Cree Nation IR No. 2.1.4a	Prior to Construction	Complete	Superseded by CER Condition	72	Trans Mountain provides information on engagement with Indigenous groups in CER Condition 72 Reclamation Management Plan (Filing ID A86570) in Appendix J, Section 3.3 (PDF pg 318) and in Appendix K (PDF pg 325). Condition 96 provides record of the Reclamation Management Plan being provided to Indigenous groups (see Filing ID A88864 for an example). Trans Mountain also provides details on engagement with Indigenous groups through semi-annual filings in the CER Condition 96 reports (CER Filing Example ID C11031 PDF pg 1012 #4).
858	Environment	Samson Cree Nation	The Reclamation Management Plan will be developed in consultation with Aboriginal communities, landowners and applicable Crown land managers.	Samson Cree Nation IR No. 2.1.4c	Prior to Construction	Complete	Superseded by CER Condition	72	Trans Mountain consultation and engagement records are filed in CER Condition 72, reclamation Management Plan, in Appendix J Section 3.3 (CER Filing ID A86570) and a list of Indigenous groups involved is provided in Appendix K.

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867	Environment	New Democratic Party of Canada	To ensure that the sub tidal rock reef is successful and meets Fisheries and Oceans Canada's (DFO's) policy of maintaining or improving the productivity and sustainability of commercial, recreational or Aboriginal (CRA) fisheries, Trans Mountain will monitor the reef annually for five years.	NDP IR No. 2.1.7.b	Post-Construction Monitoring	Complete	Superseded by CER Condition	109	Commitment is superseded by DFO Condition 5.2.2 in the DFO Authorization 19-HPAC-000753. The section covers monitoring activities conducted as part of the Habitat Effectiveness Monitoring Program, offsetting measures, assessments, observations, and remedial measures. Monitoring is also described in the Westridge Marine Terminal Offset Effectiveness Monitoring Plan (EX. Sec 3.0, PDF Page 9).
872	Environment	NEB	Trans Mountain commits to submitting an updated Worker Accommodation Strategy incorporating and clearly showing changes regarding the Clearwater and Cheam camps that are included in the responses to NEB Condition IR 54.2 and 54.3. The updated Worker Accommodation Strategy will be filed prior to construction.	NEB Cond IR No. 54.1	Prior to Construction	Complete			An update of Condition 59, Worker Accommodation Strategy, (CER Filing ID A85812) was filed on September 1, 2017. Updates that were made to the document are address in the Concordance Table (Change Log). On June 18, 2020, Trans Mountain filed a letter to the CER to relocate the Cheam camp to the Ohamil Camp, this letter was filed through Condition 59 (Filing ID C06896)
873	Environment	Cheam First Nation and Chawathil First Nation	Cheam First Nation and Chawathil First Nation are jointly conducting independent, third-party Traditional Land and Resource Use (TLRU) studies. Upon receipt of the reports, Trans Mountain will incorporate the results into project planning and the Environmental Alignment Sheets as appropriate.	Cheam and Chawathil FN IR No. 2(b).1.3.b	Project Lifecycle	Complete			Cheam First Nation and Chawathil First Nation independent third party reports were received by Trans Mountain. These reports were reviewed by Trans Mountain and outcomes were subsequently incorporated into Supplemental Traditional Land and Resource Use Technical Report No. 4 (CER Filing ID A45717). This technical report was used for project planning and informed the Environmental Alignment Sheets.
877	Environment	Vancouver Fraser Port Authority DBA Port Metro Vancouver	If it is identified during the development of the construction specifications for Westridge Marine Terminal (WMT) that abrasive blasting or coating will be required over water, Trans Mountain will consult with Vancouver Fraser Port Authority DBA Port Metro Vancouver Environmental Programs Department staff to develop appropriate controls. Any controls will be included in the WMT Environmental Protection Plan (EPP).	PMV IR No. 2.05a	Prior to Construction	Complete			Trans Mountain has consulted with the Vancouver Fraser Port Authority DBA Port Metro Vancouver Environmental Department staff in developing appropriate abrasive blasting or coating over water. This is documented in the WMT EPP (Filing ID C27752).
879	Environment	Vancouver Fraser Port Authority DBA Port Metro Vancouver	At all times during construction, Trans Mountain will have a construction management and inspection team located at Westridge Marine Terminal (WMT), responsible for monitoring and enforcing compliance with the Environmental Protection Plan (EPP). It is anticipated that during high activity periods, a dedicated environmental inspector will be assigned to the construction management and inspection team.	PMV IR No. 2.05a	During Construction	Complete			An Environmental Inspector is on-site everyday at the Westridge Marine Terminal to implement, inspect, monitor and enforce mitigation measures for environmental features this is detailed through Trans Mountain's Condition 81 Section 6.0 (Filing ID C08265, PDF pg 21).
880	Environment	Vancouver Fraser Port Authority DBA Port Metro Vancouver	If an impact or hydraulic hammer is used for in-water pile installation, Trans Mountain will monitor both underwater pressure levels (measured in kPa) and underwater sound levels (measured in dB) during pile driving.	PMV IR No. 2.07a	During Construction	Complete	Superseded by CER Condition	81	Trans Mountain provides details of the process of using impact or hydraulic hammer (pile installation/driving) in the filed CER Condition 81 (Filing ID C08265) Westridge Marine Terminal EPP. Trans Mountain along with Contractor have set in place the Standard Operating Procedure for Offshore Impact Pile Driving Bubble Curtain, which provides plans to reduce underwater noise and pressure levels through the use of a Bubble Curtain.
881	Environment	Vancouver Fraser Port Authority DBA Port Metro Vancouver	Trans Mountain will consult with Vancouver Fraser Port Authority DBA Port Metro Vancouver (PMV) if disposal of sediment on PMV lands or water is proposed.	PMV IR No. 2.07c	Prior to Construction	No Longer Applicable			Commitment addressed by CER Condition 35, CER Filing ID A81712, Condition 35 Marine Sediment Management Plan, Page 1 and 2. Dredging no longer required.
882	Environment	Vancouver Fraser Port Authority DBA Port Metro Vancouver	Trans Mountain will consult Vancouver Fraser Port Authority DBA Port Metro Vancouver and Environment Canada (EC), in relation to disposal options, when the volume and chemical and physical properties of contaminated sediment are known.	PMV IR No. 2.08	Prior to Construction	No Longer Applicable			Commitment addressed by CER Condition 35, CER Filing ID A81712, Condition 35 Marine Sediment Management Plan, Page 1 and 2. Dredging no longer required.
883	Environment	NEB	Trans Mountain commits to updating the Board if any further consultation feedback resulting in outstanding issues and concerns is received regarding the final Clearwater camp site (CLE011).	NEB Cond IR No. 54.2	Prior to Construction	Complete	Superseded by CER Condition	59	Trans Mountain has provided consultation engagement updates in Condition 59 Worker Accommodation Strategy filed on September 1, 2017 (CER Filing ID A85812) through Appendix A (PDF pg 38) where a summary of consultation is provided. Also through Condition 59 Clearwater Camp Waste Management Plan, Section 5.0 provides a consultation summary related to the camp's Waste Management Plan (CER Filing ID C08823).
884	Environment	Vancouver Fraser Port Authority DBA Port Metro Vancouver	Trans Mountain will endeavour to meet with Vancouver Fraser Port Authority DBA Port Metro Vancouver (PMV) in spring 2015 to discuss the proposed pre-construction survey and other aspects of the Preliminary Marine Fish Habitat Offsetting Plan. Trans Mountain will ensure that PMV is afforded the opportunity to be included in any upcoming discussions with Fisheries and Oceans Canada. If Trans Mountain proceeds with construction of the proposed sub tidal reef, PMV will be copied on the compliance and effectiveness monitoring reports, and will be included in the planning for any required corrective actions that might arise out of the monitoring.	PMV IR No. 2.14	Prior to Construction	Complete			Meeting with VFPA was held on January 22, 2016 and November 22, 2016.
885	Environment	Vancouver Fraser Port Authority DBA Port Metro Vancouver	Trans Mountain will implement marine fish habitat offsetting measures to offset any serious harm to fish that are part of, or support, commercial, recreational or Aboriginal (CRA) fisheries.	PMV IR No. 2.15a	Prior to Construction	Complete	Superseded by CER Condition	109	Through CER Condition 109, Authorization(s) under paragraph 35(2)(b) of the Fisheries Act –Westridge Marine Terminal (CER Filing ID A85941), Condition 4 provides conditions that relate to offsetting (Page 7).
888	Environment	NEB	Trans Mountain will develop an Aboriginal Monitors plan.	Pre-Application Project Description, p 44, 45.	Prior to Construction	Complete	Superseded by CER Condition	98	Trans Mountain has developed a monitoring plan filed in Condition 98 (A5R5A1).
889	Environment	Vancouver Fraser Port Authority DBA Port Metro Vancouver	Trans Mountain commits to working with Vancouver Fraser Port Authority DBA Port Metro Vancouver (PMV) to develop an Air Management Plan that is consistent with the requested level of detail from PMV as part of PMV's permit application process.	PMV IR No. 2.24	Prior to Construction	Complete	Superseded by CER Condition	52	Commitment addressed by CER Condition 52 (CER Filing ID A84415) Air Emissions Management Plan for Westridge Marine Terminal, Appendix B, Page: B-1 (PDF pg 71) Vancouver Fraser Port Authority Application, Consultation and Engagement Summary Report, August 2019.
890	Environment	Vancouver Fraser Port Authority DBA Port Metro	Trans Mountain commits to providing emissions and dispersion modelling results for a Future without Project Scenario, consistent with the requested pollutants and averaging periods from	PMV IR No. 2.25	Prior to Construction	Complete			This commitment is addressed by the Westridge Marine Terminal Upgrade and Expansion Project Application to Vancouver Fraser Port Authority dated

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		Vancouver	Vancouver Fraser Port Authority DBA Port Metro Vancouver (PMV), as part of PMV's permit application process.						May 2017, which included the Air Emissions Management Plan for WMT. The PMV permit was issued on September 8, 2017.
891	Environment	Vancouver Fraser Port Authority DBA Port Metro Vancouver	Trans Mountain commits to providing annual emissions for the requested contaminants in the Base Case, Application Case, Project Effects and Cumulative Case, and consistent with the requested level of detail, as part of Vancouver Fraser Port Authority DBA Port Metro Vancouver's permit application process.	PMV IR No. 2.25	Prior to Construction	Complete	Superseded by CER Condition	52, 79	Commitment addressed by CER Condition filings: Condition 52 Air Emissions Management Plan for WMT, (CER Filing ID A84415) Section 3.0, Page: 4 to 5. Condition 79 Air Emissions Management Plan for Sumas and Burnaby Terminals, (CER Filing ID C08441) Executive Summary and Section 3.1. Condition 79 Air Emissions Management Plan for Edmonton, Burnaby and Sumas Terminal, (CER Filing ID A84102) Executive Summary and Section 3.1, Page: 4.
892	Environment	Vancouver Fraser Port Authority DBA Port Metro Vancouver	Trans Mountain commits to providing maximum predicted concentrations for all applicable averaging periods for the Background, Burnaby Terminal, Westridge Marine Terminal, Marine and Total, consistent with the requested level of detail and methodology from Vancouver Fraser Port Authority DBA Port Metro Vancouver (PMV), as part of the PMV permit application process.	PMV IR No. 2.25	Prior to Construction	Complete	Superseded by CER Condition	79	Trans Mountain provides the maximum predicted concentrations in CER filing of Condition 79 Air Emissions Management Plan for Sumas and Burnaby Terminals (CER Filing ID C08441) Section 3.1 (PDF pg 12), and Appendix E (PDF pg 74).
894	Environment	Shxw'owhámel First Nation	In the event of a leak or rupture from a pipeline or facility within Shxw'owhámel First Nation(SFN) Traditional Territory, Trans Mountain Pipeline ULC (Trans Mountain) will follow the remedial steps outlined in the National Energy Board (NEB) Remediation Process Guide (2011) to ensure that the groundwater contamination is remediated to applicable remediation standards.	SFN IR No. 2.5.1e2	During Operations	Complete			Commitment is addressed through Trans Mountain's adherence to the CER Remediation Process Guide (2020). Trans Mountain's Contaminated Sites Plan states that Trans Mountain has aligned its contaminated sites processes with the Remediation Process Guide to ensure contamination issues are managed in accordance with with applicable requirements.
895	Environment	Sto:lo Collective	All sensitive resources identified on the Environmental Alignments Sheets and Environmental tables within the immediate vicinity of the right-of-way will be clearly marked before the start of clearing. Trans Mountain will provide Aboriginal communities with the anticipated construction schedule and proposed pipeline corridor maps, a minimum of two weeks prior to the start of construction in the vicinity of their respective communities.	Sto Lo Collective IR No. 2.1.2	Prior to Construction	Complete	Superseded by CER Condition	72	Trans Mountain through CER Condition 72 Section 5.0 provides details on notification to Indigenous groups, and pre-construction activities are found in Section 6.0 (CER Filing ID C20382).
902	Environment	Metro Vancouver	Trans Mountain gathered new information in 2014 and will conduct additional measurements of volatile organic compounds (VOCs) emissions during the tanker loading at the Westridge Marine Terminal for a variety of crude oil products in 2015.	Metro Vancouver IR No. 2.1.03	Prior to Construction	Complete			RWDI performed a tanker loading measurement survey in Feb 2015. The results were provided in a memo dated June 5, 2015, Summary of VOC Emissions within the Levelton Sampling Reports, 2014-2015 Westridge Marine Terminal.
903	Environment	Metro Vancouver	The Google Earth file including all modeled buildings and stacks in Burnaby Terminal and Westridge Marine Terminal for Base Case will be provided directly to Metro Vancouver on a USB stick. Trans Mountain will also provide these files to the National Energy Board and any other Intervenor on request.	Metro Vancouver IR No. 2.1.08b	Prior to Construction	Complete			Email confirmation of submission of the USB memory stick was created by RWDI and sent on February 19, 2015.
904	Environment	Metro Vancouver	Trans Mountain has committed to be under all applicable ambient air quality objectives and they are committed to mitigate to the appropriate emission levels and stack design to achieve those predicted concentrations. Trans Mountain has also committed to resolve the variability in the Volatile Organic Compound (VOC) measurements and refine the HYSYS model by Q2, 2015 by: undertaking additional sampling surveys at Westridge Marine Terminal; selecting the most reliable VOC dataset; re-running the calibrated HYSYS model to re-calculate Project VOC emissions; re-running the CALPUFF dispersion model to demonstrate that predicted concentrations will continue to be less than the ambient objectives; and, matching the needed level of emission control with the appropriate equipment package.	Metro Vancouver IR No. 2.1.10a	Prior to Construction	Complete			Reply Evidence Appendix 33C - Air Quality Modelling, Updated Community Multi-scale Air Quality (CMAQ) Photochemical Modelling for the TMEP, CER Filing ID A45716. Reply Evidence Appendix 33A - Letter From Metro Vancouver - April 17, 2015, CER Filing ID A45714.
908	Environment	Metro Vancouver	Trans Mountain will conduct annual combustion efficiency testing of the Westridge Marine Terminal existing and proposed VCU.	Metro Vancouver IR No. 2.2.1b	During Operations	In Progress	Superseded by CER Condition	53	Condition 53, CER Filing ID A84416, Fugitive Emissions Management Plan for WMT, Section 5.1.4.3, Page: 14.
909	Environment	Metro Vancouver	Trans Mountain will consult with the Lower Fraser Valley Air Quality Coordinating Committee commencing in Q1 2015 in the development of the Community Multi-Scale Air Quality (CMAQ) modelling plan for additional CMAQ modelling.	Metro Vancouver IR No. 2.3.1, GoC NRCan IR No. 2.01, FVRD IR No. 2.10	Prior to Construction	Complete			Reply Evidence Appendix 33C - Air Quality Modelling, Updated Community Multi-scale Air Quality (CMAQ) Photochemical Modelling for the TMEP, CER Filing ID A45716. Reply Evidence Appendix 33A - Letter From Metro Vancouver - April 17, 2015, CER Filing ID A45714.
910	Environment	Metro Vancouver	Reclamation at fish-bearing watercourses, including riparian areas, will be conducted to stabilize the bed and banks, riparian areas and approach slopes.	Metro Vancouver IR No. 2.7.2a	During Construction	Complete	Superseded by CER Condition	71, 72	Trans Mountain's reclamation plans for riparian habitat are filed with the CER in Condition 71 (Filing ID A90936), and also through Condition 72 Pipeline Environmental Protection Plan (Filing ID C20382), in Section 13.2 and Appendix H, Section 6.1.
913	Environment	Metro Vancouver	Trans Mountain, in cooperation with local communities, Aboriginal groups, regulatory authorities, and other stakeholders is committed to exploring ways through the Environmental stewardship program to help further recovery of fish habitat that may be affected by TMEP activities in or near the Brunette Fraser Greenway.	Metro Vancouver IR No. 2.7.6b	Project Lifecycle	Complete			As part of its Fisheries Act Authorization for the area (19-HPAC-00570), Trans Mountain developed a plan to mitigate and offset potential project-related effects to fish habitat in or near the Brunette Fraser Greenway. This plan was sent to Indigenous groups, local communities and DFO for review and comment. The plan included reclamation management, riparian habitat management, construction footprint and timing, offsetting, monitoring and reporting. Stakeholder questions and comments were received and addressed. DFO issued an authorization to proceed with the activities in the area in March 2020 and approved an amendment to the offsetting plan in August 2023.
915	Environment	Metro Vancouver	Trans Mountain, is willing to work in cooperation with Metro Vancouver as well as other local government, Aboriginal groups, regulatory authorities, and other stakeholders to explore ways to help further the recovery of aquatic ecosystems and species at risk that may be affected by TMEP activities in Surrey Bend Park, near Brunette River Greenway.	Metro Vancouver IR No. 2.7.6c	Prior to Construction	Complete	Superseded by CER Condition	7	Trans Mountain filed CER Condition 7 (CER Filing ID A82140) South Fraser Perimeter Road Route Realignment Environmental and Socio-Economic Assessment, to reroute the pipeline avoiding the Surrey Bend Park. Appendix C provides consultation and engagement that occurred for this part of the Project.

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916	Environment	Metro Vancouver	Trans Mountain will provide the requested CALMET input files, which were used in the Terrestrial assessment, directly to Metro Vancouver (and the National Energy Board or any other Intervenor upon request) via USB memory stick.	Metro Vancouver IR No. 2.1.04d	Prior to Construction	Complete			Email confirmation of submission of the USB memory stick was created by RWDI and sent on February 19, 2015.
917	Environment	Metro Vancouver	Trans Mountain will provide the requested 12 monthly CALMET input files, which were used in the Marine assessment, directly to Metro Vancouver (and the National Energy Board or any other Intervenor upon request) via USB memory stick.	Metro Vancouver IR No. 2.1.04e	Prior to Construction	Complete			Email confirmation of submission of the USB memory stick was created by RWDI and sent on February 19, 2015.
918	Environment	Metro Vancouver	Trans Mountain will provide the requested 5 seasonal geo-data files, which were used in the Terrestrial assessment, directly to Metro Vancouver (and the National Energy Board or any other Intervenor upon request) via USB memory stick.	Metro Vancouver IR No. 2.1.04f	Prior to Construction	Complete			Email confirmation of submission of the USB memory stick was created by RWDI and sent on February 19, 2015.
919	Environment	Metro Vancouver	Trans Mountain will provide the requested .data files directly to Metro Vancouver via USB memory stick.	Metro Vancouver IR No. 2.1.04g	Prior to Construction	Complete			Email confirmation of submission of the USB memory stick was created by RWDI and sent on February 19, 2015.
929	Environment	Simon Fraser University	Trans Mountain is committed to meeting the applicable ambient air quality objectives at the Westridge Marine Terminal and this is the primary criterion for determining tank design and vapour control configurations.	SFU IR No. 2.5.10.1	Prior to Construction	Complete	Superseded by CER Condition	52, 53	Commitment addressed by CER Condition 52, 53 Condition 52 (CER Filing ID A84415) Air Emissions Management Plan for WMT, Section 1.2, Page: 1 Condition 53 (CER Filing ID A84416) Fugitive Emissions Management Plan for WMT, Section 1.5, Page: 2.
930	Environment	Simon Fraser University	Resource specific mitigation measures, as appended to the Facilities Environmental Protection Plan (EPP), will be provided in the Issued for Construction version of the Facilities EPP.	SFU IR No. 2.5.18.1	Prior to Construction	Complete			Resource-Specific Mitigation Tables are found in Appendix D of the Condition 78 Facilities EPP, CER Filing ID C06991, Page: D-1 to D-9.
936	Environment	Tsawout First Nation	Trans Mountain will consider additional issues and concerns, traditional use sites, or features identified through ongoing engagement with Tsawout First Nation for incorporation into Project planning under the guidance of existing marine transport regulations and mitigation recommendations made to date.	Tsawout FN IR No. 2.55b	Project Lifecycle	Complete			Trans Mountain and Tsawout First Nation met on April 10, 2023 to review the Marine Progress Report, Safe Boating Program, and other marine transport documents. Additional ongoing engagement between Trans Mountain and Tsawout First Nation is documented via CER Condition 96, filed every six months (Most recent filing ID C27811, PDF page 1612).
940	Environment	NEB	Trans Mountain will update the NEB if any further consultation feedback resulting in outstanding issues and concerns is received regarding the Fraser Valley/Cheam camp site (CHE053).	NEB Cond IR No. 54.3	Prior to Construction	Complete	Superseded by CER Condition	59	Trans Mountain has filed comprehensive information on worker camps under Condition 59 regarding Worker Accommodation Strategy. In a compliance submission dated September 1, 2017 (CER Filing ID A85812-3), TMPL advised that an application had been filed with the BCOGC seeking a Crown License of Occupation for the proposed Blue River camp site (Section 3.6.2 PDF pg 18), and the Cheam camp at (Section 3.9.2 PDF Page 26). Trans Mountain later advised that the previously contemplated Cheam Camp had been relocated to a new site on the Ohamil No. 1 Reserve near Hope, BC (CER Filing ID C06896 PDF pg 9).
942	Environment	NEB	Trans Mountain commits to incorporating any future Project footprint updates within caribou range into the quantitative metrics to be completed for the Preliminary Offset Measures Plan (OMP) (NEB Condition 128a), which requires a quantification of the area of caribou habitat directly and indirectly disturbed. (Spread 3)	NEB Cond IR No. 60.1	Post-Construction Monitoring	Complete	Superseded by CER Condition	128	Trans Mountain filed CER Condition 128a - Offset Measures Plan in June 2023 (Updated Filing ID C26987). Section 2.0 (Quantification of the Preliminary Offset Measures Plan) provides an updated quantification of the direct and indirect impacts to Caribou (PDF Page 13). Additionally, Section 8.2 (References) indicates the footprint used in the Preliminary Offset Measures Plan (PDF Page 38).
943	Environment	Peters Band	Trans Mountain will monitor areas of known and potential contamination during construction. In the event contamination is discovered during construction, the Contamination Discovery Contingency Plan will be implemented (Appendix B of the Pipeline Environmental Protection Plan [Volume 6B; Filing ID A35253] and Facilities Environmental Protection Plan [Volume 6C; Filing ID A35256]).	Peters Band IR No. 2(b). 2.4b	During Construction	Complete	Superseded by CER Condition	46, 72, 78	Commitment addressed by CER Condition 46, 72, 78 CER Filing ID A82636, Condition 46 Contamination Identification and Assessment Plan, Section 3.2.2.1 of Appendix G in the Pipeline EPP, Page: G-55 to G-57. (PDF pg 324-326) CER Filing ID C20382, Condition 72 Pipeline EPP, Section 1.0 of Appendix B, Page: B-3 (PDF pg 112) CER Filing ID C06991, Condition 78 Facilities EPP, Section 1.0 of Appendix B, Page: B-3 (PDF pg 109)
944	Environment	Peters Band	Trans Mountain will be updating the preliminary inventories and re-assessing potentially contaminated areas prior to construction based on the final project footprint.	Peters Band IR No. 2(b). 2.4	Prior to Construction	Complete	Superseded by CER Condition	46	Trans Mountain provides an update on potentially contaminated sites in CER Condition 46, (Filing ID A90938) Contamination Identification and Assessment Plan, Section 4.0 provides details on the findings.
945	Environment	Peters Band	Trans Mountain is willing to investigate the use of chemical monitoring of groundwater should contamination be discovered during construction of the Project.	Peters Band IR No. 2(b). 2.5b	During Construction	Complete	Superseded by CER Condition	46, 72	No contamination was discovered along Spread 5B during construction of the Project. Trans Mountain provides details on the Contamination Discovery Contingency Plans for the project in Appendix B of the Pipeline Environmental Protection Plan filed in Condition 72 (Filing ID C20382) and also through Condition 46 (Filing ID A90938) Contamination Identification and Assessment Plan, Section 4.0.
946	Environment	Peters Band	Trans Mountain will implement all weed and pest treatments on the right-of-way in BC in accordance with the Integrated Pest Management (IPM) Regulation of BC (BC Reg. 604/2004) as part of the BC Integrated Pest Management Act (Government of BC 2003 and 2004).	Peters Band IR No. 2(b). 2.5c	Prior to Construction	Complete	Superseded by Legal/Regulatory Requirement		The Integrated Vegetation Management Plan (IVMP) states TMEP's commitment to apply safe and effective treatments along the right-of-way. IVMP also provides relevant regulations and Acts in Table 1.
947	Environment	Peters Band	Herbicide application will be monitored shortly after treatment for effectiveness of the treatment and impact on the environment.	Peters Band IR No. 2(b). 2.5c	Project Lifecycle	Complete	Superseded by CER Condition	45	Trans Mountain through Condition 45 - Weed and Vegetation Management Plan (Filing ID A84429), Section 6.0, outlines the use of herbicides and mitigation measures.
949	Environment	Peters Band	In the event of groundwater contamination caused by the Trans Mountain Pipeline system, Trans Mountain will work with the leadership of the Peters Band to identify surplus capacity from other drinking water sources in the area, while suitable interim water supply replacement alternatives are established and implemented.	Peters Band IR No. 2(b). 3.12	Project Lifecycle	Complete	Superseded by CER Condition	72	Trans Mountain confirms that there was no contamination discovered in or around Peters Indian Reserve. Any contamination discovered in areas of the Project follow measures as per Condition 72 Pipeline Environmental Protection Plan (Filing ID C20382).

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951	Environment	Georgia Strait Alliance	Trans Mountain will consult with potentially affected communities, Aboriginal groups, local and regional authorities, and service providers regarding the Socio-Economic Effects Monitoring Plan.	Georgia Strait Alliance IR No. 2(b).12c	Prior to Construction	Complete	Superseded by CER Condition	13	Commitment addressed by CER Condition 13 (CER Filing ID A84618) Socio-Economic Effects Monitoring Plan, where in Section 2.0, and Appendix A details on the Consultation and Engagement activities related to socio-economic effects are provided.
954	Environment	NEB	In the event that a contingency crossing of the Raft River is required, Trans Mountain commits to completing a quantitative pre-construction habitat assessment of the Project Footprint for the contingency route.	NEB Cond IR No. 60.1	Project Lifecycle	No Longer Applicable			To be determined. If a contingency method is needed, the proof of completion will be the Pre-construction habitat assessment. If the trenchless crossing is successful, this will be no longer applicable.
999	Environment	Terence Inskip	The portion of the existing right-of-way in the Lac du Bois Protected Area that falls within the construction footprint of the proposed Project will be recontoured to ensure that a stable profile is achieved and that the disturbed area within the construction footprint is blended/naturalized to the extent practical. Trans Mountain will be consulting with BC Parks regarding additional recontouring as a potential benefits/ offset for the Lac du Bois protected area.	Inskip T IR No. 1c	During Construction	Complete	Superseded by CER Condition	72	Trans Mountain provides reclamation plans for the Lac du Bois Grasslands Protected Area in Condition 72 (Filing ID A86570), Section 5.2, and Appendix A. Offsetting in Lac du Bois Grasslands are specifically addressed in BC EAO Condition 21.
1001	Environment	NEB	Trans Mountain has followed up with Ministry of Forests, Lands, Natural Resource Operations & Rural Development for further information regarding mineral licks, and commits to updating Environment and Climate Change Canada-Canadian Wildlife Service if additional information is provided. (Spread 3)	NEB Cond IR No. 60.1	Prior to Construction	Complete			Condition 37, Preliminary Caribou Habitat Restoration Plan, CER Filing ID A85071, Appendix B, Page: B-5.
1018	Environment	NEB	In order to reduce the potential effects of disturbing contaminated soils during project activities, Trans Mountain commits to providing contractors with a site plan showing areas of potential concern for high and moderate risk sites for the applicable temporary work spaces in Spread 6.	NEB Cond IR No. 42.5	Project Lifecycle	Complete			The Liability Assessment as filed in CER Condition 60 (A85798) was provided to the Spread 6 temporary work site contractor. Applicable site with moderate and high contamination in Spread 6: Cheam Gravel Pit (CHE054) Note, Cheam Gravel Pit (CHE054) was used for Spread 5b, but is listed as "Spread 5b & 6" in Table 8 of the Condition 60.
1082	Environment	NEB	In order to reduce the potential effects of disturbing contaminated soils during project activities, Trans Mountain commits to providing contractors with a site plan showing areas of potential concern for high and moderate risk sites for the applicable temporary work spaces in Spread 7.	NEB Cond IR No. 42.5	Project Lifecycle	Complete			The Liability Assessments as filed in CER Condition 60 (Filing ID A85798) were coordinated directly by the Spread 7 temporary work site contractor.
1086	Environment	NEB	In order to reduce the potential effects of disturbing contaminated soils during project activities, Trans Mountain commits to providing contractors with a site plan showing areas of potential concern for high and moderate risk sites for the applicable temporary work spaces in Spread 3.	NEB Cond IR No. 42.5	Project Lifecycle	Complete			Areas of potential concern were provided to contractors through email and USB with the Liability Assessment.
1291	Environment	City of Burnaby	Trans Mountain commits to field-verifying the status of the heron colony near Westridge Marine Terminal prior to construction, in either 2014 or 2015.	City Burnaby F-IR No. 1.27.08b	Prior to Construction	Complete			CH2M Wildlife Technical Lead provided email confirmation on January 16, 2018 that a site visit to verify the heron colony and heron activity was completed as part of Terrestrial Ecosystem Mapping (TEM) on June 16, 2014 by EDI/ CH2M. The colony was not observed during the survey.
1311	Environment	Fraser Valley Watersheds Coalition	Prior to construction, Trans Mountain will engage the Fraser Valley Watersheds Coalition and other interested stakeholder groups on construction-related mitigation measures and restoration plans for the Stewart Creek site on the pipeline right-of-way. Specific restoration measures will be incorporated into the Pipeline Environmental Protection Plan and associated volumes.	FVWC IR No. 1.4.2	Prior to Construction	Complete			Fraser Valley Watershed Coalition declined to participate in further engagement.
1312	Environment	Fraser Valley Watersheds Coalition	Trans Mountain commits to working cooperatively to plan restoration where any disturbance of a Fraser Valley Watershed Coalition restoration project is required.	FVWC IR No. 1.4.3	Project Lifecycle	Complete			Trans Mountain together with the Fraser Valley Watershed Coalition completed a field visit on April 17, 2024 to discuss the reclamation activities for the area. Discussions on the reclamation activities and offset programs are ongoing as of September 2024.
1328	Environment	Brian Kingman	Mitigation for raptor nests on the Kingman property will include the following: Avoid the timing window for red-tailed hawk (January 26 to August 10) and bald eagle (January 5 to August 31) if possible. In the event clearing and construction activity occur within this timing window, a site visit will be conducted to determine the status of the nest (i.e., active or inactive), to confirm the species of raptor, and the location of the nest relative to the proposed pipeline right-of-way. In the event an active raptor nest is found, a Nest Management Plan addressing various mitigation (including nest monitoring during the breeding period) is recommended.	Kingman B IR No. 1.3a	During Construction	Complete			Trans Mountain completed site visits which confirmed no nests on the pipeline right-of-way.
1329	Environment	Brian Kingman	Trans Mountain will conduct a site visit to determine the status of the nest (i.e., active or inactive), to confirm the species of raptor, and the location of the nest relative to the proposed pipeline right-of-way.	Kingman B IR No. 1.3a	During Construction	Complete			Trans Mountain completed site visits which confirmed no nests on the pipeline right-of-way
1394	Environment	Natural Resources Canada	Trans Mountain will commit to re-visiting the Human Health Risk Assessment (HHRA), if the final engineering design results in material increases to the predicted concentrations due to the Project and these changes could reasonably affect human health.	GoC NRCan IR No. 2.01	Prior to Construction	Complete			Human Health Risk Assessment of Westridge Marine Terminal for the Trans Mountain Expansion Project – 2017 Update, CER Filing ID A86300.
1406	Environment	NEB	Trans Mountain commits to incorporating any future Project footprint updates within caribou range into the quantitative metrics to be completed for the Preliminary Offset Measures Plan (OMP) (NEB Condition 128a), which requires a quantification of the area of caribou habitat directly and indirectly disturbed. (Spread 4)	NEB Cond IR No. 60.1	Post-Construction Monitoring	Complete	Superseded by CER Condition	128	Trans Mountain filed CER Condition 128a - Offset Measures Plan in June 2023 (Updated Filing ID C26987). Section 2.0 (Quantification of the Preliminary Offset Measures Plan) provides an updated quantification of the direct and indirect impacts to Caribou (PDF Page 13). Additionally, Section 8.2 (References) indicates the footprint used in the Preliminary Offset Measures Plan (PDF Page 38).
1407	Environment	NEB	Trans Mountain has followed up with Ministry of Forests, Lands, Natural Resource Operations & Rural Development for further information regarding mineral licks, and commits to updating Environment and Climate Change Canada-Canadian Wildlife Service if additional information is provided. (Spread 4)	NEB Cond IR No. 60.1	Prior to Construction	Complete			Condition 37, Preliminary Caribou Habitat Restoration Plan, CER Filing ID A85071, Appendix B, Page: B-5.

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1433	Environment	C.G.L.A.P. - Collaborative Group of Landowners Affected by Pipelines	Trans Mountain will retain an independent Professional Agrologist to lead the post-construction Environmental monitoring program and assist in determining crop yields and quality. Trans Mountain will select a qualified professional agrologist with experience in assessment of crops that will be encountered in the Fraser Valley on farm lands affected by pipeline construction. Potential candidates for the position will require qualifications that include: Registered Professional Agrologist with experience in construction methods for linear utility projects, familiarity with the crops and agricultural conditions of the Fraser Valley, and experience in crop monitoring techniques.	CGLAP IR No. 1.4c	Post-Construction Monitoring	In Progress			
1471	Environment	Metro Vancouver, NEB, New Democratic Party of Canada, Val Veirs	Three months prior to the start of pile installation, a draft Marine Mammal Protection Program will be developed and submitted to the National Energy Board (NEB) for review. This draft will include further details on construction mitigation and the monitoring program, as well as an update on the status of the marine transportation collaborative initiatives, including a summary of all consultation activities to date, and planned 'next steps'. Copies will also be made available to appropriate regulatory authorities, Aboriginal communities, and other interested stakeholders for comment. The Marine Mammal Protection Program will be a living document and, therefore, may go through multiple iterations over the life of the Project as the various programs develop over time; all updates will be filed with the NEB.	NEB IR No. 1.56, Metro Vancouver IR No. 1.1.5.07.1, NDP IR No. 1.1.8f, Veirs V IR No. 1.2	Prior to Construction	Complete	Superseded by CER Condition	81	CVA-2021-395 - CER Final Report (attached)- Response clarifies where construction mitigation plans are provided. The Marine Mammal Protection Program (CER Condition 132) will not be filed until 3 months prior to commencing operations. The construction mitigation and monitoring program details are provided in CER Condition 81, Westridge Marine Terminal Environmental Protection Plan (Filing ID C08265) Section 8.0 Marine Construction, Page: 30 to 35.
1601	Environment	Sto:lo Collective	A copy of the draft Archaeological Impact Assessment (AIA) final report will be forwarded in confidence to the Sto:lo Collective for review, comment and proposed edits before submission of the report to British Columbia Ministry of Forests, Lands and Natural Resource Operations (BC MFLNRO) Archaeology Branch. Once accepted by BC MFLNRO Archaeology Branch, a copy of the final AIA report will be forwarded in confidence to the Sto:lo Collective.	Sto:lo Collective Attachment - Table 3a	Prior to Construction	Complete			The 2016 Archaeological Impact Assessment Annual Report for the Trans Mountain Expansion Project was submitted to Sto:lo Nation on March 3, 2017.
1612	Environment	Sto:lo Collective	As part of the workshop series described in the response to Recommendation 2, Trans Mountain will offer a focused workshop to review the draft Environmental Protection Plan (EPP) and Environmental Alignment Sheets (EAS). Trans Mountain will submit up to date versions of the EPP and EAS to Sto:lo representatives.	Sto:lo Collective Recommendation #3	Prior to Construction	Complete			Trans Mountain's Written Evidence for STSA (Segments 5, 6 and 7) – Phase 1, CER Filing ID C04751, Appendix G - TTML Engagement Logs (Feb 2018 - Oct 2019), May 23, 2019, Page: 64 to 69.
1616	Environment	Sto:lo Collective	As part of the workshop series described in the response to Recommendation 2 Trans Mountain will include the subjects of aquatics and water crossings.	Sto:lo Collective Recommendation #9, #21	Prior to Construction	Complete			Trans Mountain held a meeting with the People of the River Referrals Office (PRRO) (as representing Sto:lo) on November 6, 2020 with watercourses being a primary topic of discussion.
1620	Environment	Sto:lo Collective	Where water quality monitoring fails to meet the parameters of established guidelines and is not in compliance with regulatory requirements, Trans Mountain will report the incident to Sto:lo representatives within the requested timeframe.	Sto:lo Collective Recommendation #11	During Construction	Complete	Superseded by CER Condition	72	Trans Mountain notifies affected Indigenous communities (including Sto:lo representatives) on any incidents that occur. Through filing of Condition 72 (Filing ID 20382) Pipeline Environmental Protection Plan, provides planning and procedures for notification of impacts to property or results of releases (Appendix G, Section 3.2.2.2). watercourse crossing for the construction of the pipeline, addressing the commitment.
1621	Environment	Sto:lo Collective	Trans Mountain remains committed to ongoing engagement with Sto:lo representatives to discuss the inclusion of existing Sto:lo knowledge into the updated EPPs for the Project.	Sto:lo Collective Recommendation #12	Prior to Construction	Complete			Condition 72, EAS/RSMT for Spread 5a, CER Filing ID C03921, RSMT Section 3.0, Page: 10, EAS Page: All. Condition 72, EAS/RSMT for Spread 5b, CER Filing ID C05600, Section 3.0, Page: 7, EAS Page: All. Condition 72, EAS/RSMT for Spread 7, CER Filing ID C03931, Section 3.0, Page: 8, EAS Page: All.
1622	Environment	Sto:lo Collective	Trans Mountain's procurement team and Chief Environmental Inspector will discuss the requirements and existing capacity re: qualified monitoring personnel and services with the Sto:lo representatives.	Sto:lo Collective Recommendation #13, #14, #26, #40, #41, #52	During Construction	Complete	Superseded by CER Condition	98	Trans Mountain through Condition 98 (Filing ID C00105) provides engagement records with Indigenous groups (including Sto:lo) regarding the Indigenous Monitoring Program (refer to Table A-3).
1625	Environment	Sto:lo Collective	If clearing in Old Growth Management Areas (OGMAs) within the S'ólh Téméxw becomes an approved construction requirement, Trans Mountain will discuss Sto:lo's desire to salvage cedar with the OGMA regulator and the terms for commercial harvest will be negotiated (Spread 5B).	Sto:lo Collective Recommendation #29	Project Lifecycle	Complete			Harvesting of the Old Growth Management Areas in Spread 5B was completed by St'quoya, Sea Bird Island business (part of Sto:lo / STSA). The agreement is confidential. Details on discussions for salvaged timber are provided in Trans Mountain's Condition 96 Report (Filing ID A96940 PDF pg 279-280) on March 22, 2018 and April 9, 2018 and December 1, 2020 (CER Filing ID C13704 PDF pg 758).
1635	Environment	Sto:lo Collective	Trans Mountain will develop and implement an environmental education program to ensure that all personnel working on the construction of the Project are informed of the location of known Traditional Land Use (TLU) sites.	Sto:lo Collective Recommendation #49,	Prior to Construction	Complete	Superseded by CER Condition	72	Section 5.0 of CER Condition 72 Environmental Compliance Management Plan, (CER Filing ID C03070) provides details on the Compliance and Education Training Program designed to ensure environmental compliance (PDF pg 14)
1652	Environment	Sto:lo Collective	As discussed in the response to NEB IR No. 1.17d1 (Filing ID A3W9H8), Trans Mountain will develop policies and/or guidance in the following areas, related to limiting adverse interactions between Project workers and local communities: the use of local recreational, social, and retail facilities and services, including outdoor recreation areas, in smaller construction hub communities; the use of local and regional medical and social services; the use of firearms, hunting, or fishing by Project workers; after-hours worker conduct; damage to property; conduct in parks and protected areas; respectful behaviour/harassment.	Sto:lo Collective Recommendation #75, #78	During Construction	Complete			Condition 59, Worker Accommodation Strategy, CER Filing ID A85812, Appendix E Worker Code of Conduct, Page: E-1 to E-3.
1653	Environment	Sto:lo Collective	Trans Mountain will establish and enforce a policy whereby workers who disregard mitigation measures will be subjected to appropriate disciplinary measures including, if appropriate, removal from the work site and/or dismissal.	Sto:lo Collective Recommendation #75, #78	During Construction	Complete			Condition 59, Worker Accommodation Strategy, CER Filing ID A85812, Appendix E Worker Code of Conduct, Page: E-1 to E-3.
1658	Environment	Sto:lo Collective	Trans Mountain will include the worker Code of Conduct, which will contain a number of areas related to the protection of public health issues in the Worker Accommodate strategy, to be filed with the NEB for approval, at least 6 months prior to construction.	Sto:lo Collective Recommendation #86	Prior to Construction	Complete	Superseded by CER Condition	59	The Executive Summary of CER Condition 59, Worker Accommodation Strategy, (CER Filing ID A85812) provides an overview of the TMPEP Worker

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									Code of Conduct and the applicability to camps. The TMEP Worker Code of Conduct is provided in Appendix E. File updated with EAO on August 2020.
1663	Environment	Landowner - Javier and Annemarie Sarango	Trans Mountain is committed to adding the water well located on the Mr. and Mrs. Sarango's property to the Water Well Inventory.	NEB Route Hearing Transcript Seg 1 & 2 Vol 8 para 8807NEB Route Hearing Decision Seg 1 & 2 Javier&AnnemarieSar Sec 3	Prior to Construction	Complete			As confirmed by letter dated January 20, 2020, Trans Mountain has updated its Water Well Inventory to account for the presence and location of the water well belonging to Javier and Annemarie Sarango (Filing ID C04201).
1681	Environment	Landowner - Dianne Murray	Trans Mountain is committed to confirming the presence and location of Dianne Murray's water well, and ensuring that it is included in the Water Well Inventory.	NEB Route Hearing Decision Seg 1 & 2 Dianne Murray Sec 3	Prior to Construction	Complete			As confirmed by letter dated January 20, 2020, Trans Mountain has updated its Water Well Inventory to account for the presence and location of the water well belonging to Ms. Dianne Murray (Filing ID C04201).
1683	Environment	Landowner - Stuart Palk and Wendy Bailer Palk	Trans Mountain is committed to adding Mr. Palk and Ms. Bailer Palk's water well to the Water Well Inventory.	NEB Route Hearing Transcript Seg 1 & 2 Vol 3 para 2213-2214,2217, NEB Route Hearing Decision Seg 1 & 2 Stuart Palk & Wendy Bailer Palk Sec 3	Prior to Construction	Complete			As confirmed by letter dated January 20, 2020, Trans Mountain has added the water well owned by Stuart Palk and Wendy Bailer-Palk to its Environmental Alignment Sheets (Filing ID C04200). Trans Mountain can likewise confirm that the well has been added to its Water Well Inventory.
1684	Environment	NEB	Trans Mountain commits to completing supplemental surveys for weeds at selected locations.	Route Variance Edm LRT Application pg5	Prior to Construction	Complete			Confirmation of high weed density areas was completed during the Staking/Flagging Program between October 2019 and January 2020, as well as April to May 2020. This information has been incorporated into the Living RSMT.
1685	Environment	NEB	Trans Mountain commits to updating the Project weed database with the field results of the supplemental weed surveys conducted in association with the Edmonton LRT Route Realignment.	Route Variance Edm LRT Application pg5	Prior to Construction	Complete			Confirmation of high weed density areas was completed during the Staking/Flagging Program between October 2019 and January 2020, as well as April to May 2020. This information has been incorporated into the Living RSMT.
1686	Environment	NEB	Trans Mountain commits to conducting field surveys for an Archaeological Impact Assessment, in the area associated with the Westsyde Road Route Realignment, in 2017.	Route Variance Westsyde Road Application pg4	Prior to Construction	Complete			Excerpts from the 2015-0258 Archaeological Impact Assessment - 2017 Annual Summary Report Q3 Interim Report.
1687	Environment	NEB	Trans Mountain commits to conducting supplemental rare plant survey work to identify the potential for Roell's brotherella moss, in the area associated with the Kawkawa Lake IR route realignment, in 2017.	Route Variance Kawkawa Lake IR Application pg3	Prior to Construction	Complete			Condition 40, Rare Plant and Rare Ecological Communities Management Plan, CER Filing ID A90904, Appendix E, Page: E-15.
1688	Environment	NEB	Trans Mountain commits to conducting field surveys for an Archaeological Impact Assessment, in the area associated with the Kawkawa Lake IR Route Realignment, in 2017.	Route Variance Kawkawa Lake, IR Application pg3	Prior to Construction	Complete			Proof of completion will be excerpts from the Archaeological Impact Assessment.
1689	Environment	NEB	Trans Mountain commits to conducting field surveys for an Archaeological Impact Assessment, in the area associated with the Sumas Tank Farm Route Realignment, in 2017.	Route Variance Sumas Tank Farm Application pg4	Prior to Construction	Complete			Summary of the 2020 Archaeological Impact Assessment of Sumas Terminal Laydown Yard and Fence Line Expansion—Trans Mountain Expansion Project was prepared on July 15, 2020.
1690	Environment	NEB	Trans Mountain commits to conducting supplemental rare plant survey work to identify the potential for Roell's brotherella moss, in the area associated with the Sumas Tank Farm Route Realignment, in 2017.	Route Variance Sumas Tank Farm Application pg4	Prior to Construction	Complete			Condition 40, Rare Ecological Community and Rare Plant Population Management Plan, CER Filing ID A90904, Section 4.0, Appendix D, Page: 17, D-4.
1691	Environment	NEB	Trans Mountain commits to completing supplemental weed surveys in the area associated with the Sumas Tank Farm Route Realignment, in 2017.	Route Variance Sumas Tank Farm Application pg4	Prior to Construction	Complete			PDF prepared by McTavish with results of weeds surveys.
1720	Environment	NEB	Trans Mountain commits to conducting field surveys for an Archaeological Impact Assessment, in the area associated with the Chilliwack BC Hydro Route Realignment, in 2017.	Route Variance Chilliwack BC Hydro Application pg11	Prior to Construction	Complete			Excerpts from the 2015-0258 Archaeological Impact Assessment - 2017 Annual Summary Report Q3 Interim Report.
1722	Environment	NEB, Waterweath Project	Trans Mountain commits to updating Section 7.0 of the Pipeline Environmental Protection Plan, with the following measure "Utilize biodegradable hydraulic fluid in equipment working between Silverthorne Road (adjacent to KP 1091.8) and Watson Road (KP 1094.12)" will be updated to: "Utilize biodegradable hydraulic fluid on heavy equipment during pipeline installation when working in the Vedder Fan Aquifer (KP 1091.6 to KP 1105.6)".	Route Variance Chilliwack BC Hydro NEB IR 1.4Route Variance Chilliwack B Waterweath IR 1.2	Prior to Construction	Complete			Condition 72 Pipeline EPP, CER Filing ID C01961, Section 7.0, Page: 32
1723	Environment	NEB	Trans Mountain commits to submitting the updated Environmental Alignment Sheets that include the mitigation measures related to protection of the Vedder Fan Aquifer, to the NEB under a separate cover.	Route Variance , Chilliwack BC Hydro , NEB IR 1.4	Prior to Construction	Complete			Condition 72, Spread 6 EAS, CER Filing ID A90957, Page: BC-402 to BC-413 indicates an unconfined aquifer (HY-140), which aligns with the KP range of the Vedder Fan aquifer (KP 1091.6 to KP 1105.6).
1731	Environment	City of Chilliwack	Trans Mountain commits to issuing the draft version of the Sardis-Vedder Aquifer Conceptual Model report, as the final version.	Route Variance , Chilliwack BC Hydro , City of Chilliwack IR 1.2.1b	Prior to Construction	Complete			The Sardis-Vedder Aquifer Conceptual Model is a Technical Memorandum prepared by Waterline Resources Inc., and was filed to the CER on June 6, 2017 as part of Correspondence between Trans Mountain and Chilliwack January to May 2017 (Filing ID A84231-3).

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1735	Environment	NEB	Trans Mountain commits to fulfilling the three recommendations in the S'ólh Téméxw Stewardship Alliance (STSA) Cultural Heritage Overview Assessment (CHOA) report for the Chilliwack BC Hydro route realignment, which included: finalizing the surface survey for the Study Area to (a) examine for surface materials and areas of subsurface potential, and (b) identify areas requiring deep testing; conducting shovel testing and augering where necessary.	Route Variance , Chilliwack BC Hydro , Decision Sec 5.5.4	Prior to Construction	Complete			Excerpts from the 2015-0258 Archaeological Impact Assessment - 2017 Annual Summary Report Q3 Interim Report.
1748	Environment	Landowner - Fraser Heights Community Association	Trans Mountain commits to evaluating and replacing ornamental trees or shelterbelts in select areas; re-planting with larger nursery stock and slow-growing conifers.	NEB Detailed Route Written Evidence Seg 7; NEB Route-Hearing Decision Seg 7 Fraser Heights Community Association Sec 3 A87997 https://apps.cer-rec.gc.ca/REGDOCS/ItA91883 https://apps.cer-rec.gc.ca/REGDOCS/It	Project Lifecycle	In Progress			
1756	Environment	NEB	Trans Mountain commits to adding the following measures to the Facilities Environmental Protection Plan to address invasive plants at the Burnaby Terminal: cut/mow standing vegetation on the site; dispose of cut/mowed vegetation that contains seed, and blackberry root fragments disturbed during vegetation removal or soil disturbance, at a landfill that accepts invasive plants, or bury the material at a depth that will prevent weeds from growing and spreading; and avoid moving soils off site. Surface soils (upper 15 cm) from infested areas may be buried onsite at a depth that will prevent weeds from growing and spreading. If soils must be moved off site, ensure they are disposed of at a facility that accepts weed infested soils.	NonRoute Variance , BurnabyTerminal , NEB IR 1.8	Prior to Construction	Complete			Condition 78 Facilities EPP (Filing ID C06991) Appendix D, Page: D-9 under the heading "Vegetation Rare Plants/Weeds/Timber".
1761	Environment	Landowner - Burnaby Residents (Holly Chan, Steve Cook, Karim and Anar Dossa, Lily and Frank Fan, Claudia Leung and Michael Radano)	Trans Mountain commits to planting trees at a higher density compared with Trans Mountain's standard reclamation plans; using larger nursery stock during replanting efforts; undertaking a windthrow assessment in relation to the treed buffer between the Residents and Shell property.	NEB Route Hearing , Decision Seg 7 Burnaby Residents, Sec 2.3	Post-Construction Monitoring	Complete			A windthrow assessment was conducted on the Shell Property which determined that trees adjacent to the ROW present a "low windthrow risk and therefore will all be retained". Trans Mountain reviewed the area for additional tree planting and determined no additional planting will occur. A walk through with Shell reps was conducted with close out items documented and addressed.
1764	Environment	City of Burnaby	Trans Mountain commits to completing its Tree Management Plan for Burnaby prior to construction.	NEB Route Hearing Decision, Seg 7 City of Burnaby Sec 9	Prior to Construction	Complete			Tree Management Plan was submitted to the City of Burnaby in September 2020
1767	Environment	NEB	Trans Mountain commits to collaborating with Stó:lō Research and Resource Management Centre and the Ts'elxwéyeqw Tribe to develop specific management measures for the Sxwóxwiyám and the Halq'eméylem Place Name recorded within the Study Area.	Route Variance , Chilliwack BC Hydro , Decision Sec 5.5.4	Prior to Construction	Complete			Trans Mountain's Written Evidence for STSA (Segments 5, 6 and 7) – Phase 1, CER Filing ID C04751, Appendix G - TTML Engagement Logs (Feb 2018 - Oct 2019), May 23, 2019, Page: 64 to 69.
1804	Environment	Landowner - Yarrow Ecovillage, NEB	Trans Mountain has committed to developing additional steps for the preservation of the topsoil on Yarrow Ecovillage's organic farm in cooperation with the landowners and land users as well as the Organic Certification Board.	Revised Final Argument s. 7.2.1.2 p237; Detailed Route Hearing Landowner Yarrow Village, Response to IR No. 2.1 (C09435)	Prior to Construction	Complete	Superseded by CER Condition	72	Trans Mountain has prepared a Site Specific Reclamation Plan for Yarrow Ecovillage where details of preservation of the topsoil have been provided.
1817	Environment	Simon Fraser University	Trans Mountain is committed to meeting the requirements of Trans Mountain's Environment, Health and Safety Policy that is accomplished through the Odour Complaint Investigation and Response Program and various emission reduction measures.	SFU IR No. 2.5.12.3	During Operations	Complete			Condition 54, CER Filing ID A84796, Condition 54 Fugitive Emissions Management Plan for Edmonton Terminal, Appendix D, Page: 1 to 13.
1915	Environment	NEB	Trans Mountain commits to monitor disturbed riparian habitat at all defined watercourses crossed by the Project under the Riparian Habitat Management Plan (RHMP) that: have a high or moderate reclamation target; are within critical habitat for species under Schedule 1 of the Species at Risk Act; are classified as High Sensitivity fish-bearing; or are within watersheds with a riparian habitat disturbance threshold > 18%.	NEB Cond IR No. 52.1	Post-Construction Monitoring	Complete	Superseded by CER Condition	71	This commitment is superseded by Condition 71, Riparian Habitat Management Plan (CER Filing ID C29885). The monitoring strategy is described in Section 6.3, and in the Post-Construction Environmental Monitoring Field Guide: Aquatic Resources.
1947	Environment	Sto:lo Collective	Trans Mountain will develop a Code of Conduct for employees and Contractors that provides guidance and policies on appropriate and inappropriate worker behaviour and community interactions.	Sto:lo Collective Recommendation #86	Prior to Construction	Complete	Superseded by CER Condition	59	Appendix E of CER Condition 59, Worker Accommodate Strategy, (CER Filing ID A85812) provides the TMEP Worker Code of Conduct where throughout the plan the expectations of contractors and employees behaviors and community interactions are outlined. File update with EAO of August 2020.
1960	Environment	BC Ministry of Forests Lands and Natural Resource Operations (MFLNRO)	Trans Mountain will ensure that the damage caused to sensitive alpine environments at Clemina Creek due to ATV use will be part of the Level I orientation to all project personnel as an example of what is unacceptable and subject to disciplinary action. An important part of the environmental orientation will be discussing potential impacts to sensitive features in the Project area, communicating the Project code-of-conduct requirements and detailing the "Discipline" and "Consequence of Worker Non-Compliance" measures described in Section 7 of the Environmental Protection Plan (EPP). Trans Mountain will implement the discipline and non-compliance measures if Project workers are responsible for environmental damage.	BC MFLNRO P-IR No. 2.1.0	Prior to Construction	Complete			Proof of completion is provided in CVA IR #15 Response Round 2, Page: 4.

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2013	Environment	BC Parks	Open cut crossings are typically only utilized when a watercourse is dry or frozen to the bottom at the time of construction. Under these conditions, sediment release is not expected to occur, however, in the event the recommended isolated crossing technique is not feasible at Finn Creek, an open cut or partial isolation technique may be required. Trans Mountain will conduct monitoring under flowing conditions to document downstream turbidity and any exceedances of the relevant guidelines will be reported to the appropriate regulatory authorities.	BC Parks boundary adjustment application (August 2014) Tab A - Finn Creek Provincial Park	During Construction	Complete			Trans Mountain used an isolated open cut crossing method which was successfully completed on February 3, 2023, a site-specific watercourse crossing execution plan was developed and implemented for this scope of work.
2056	Environment	BC Parks	To avoid or reduce effects of a drilling mud release on surface water quality, Trans Mountain will continually monitor for sediment release (i.e., turbidity and total suspended solids (TSS)) throughout the crossing construction period. In the event of a release into the watercourse, Trans Mountain will immediately suspend drilling activities and implement measures outlined in the Drilling Mud Release Contingency Plan to reduce effects of drilling mud release into the watercourse. Trans Mountain will report any releases to Department of Fisheries and Oceans (DFO) and BC Ministry of Environment (MOE). Trans Mountain will carry out clean up and monitoring until water quality is returned to existing (background) conditions.	BC Parks boundary adjustment application (August 2014) Tab B - North Thompson River Provincial Park	During Construction	Complete	Superseded by CER Condition	72	Trans Mountain has provided the Drilling Mud Release Contingency Plan (Bentonite Fluid Release Contingency Plan) through Condition 72, Appendix B (Filing ID C20382) where monitoring and reporting of sediment releases are detailed.
2122	Environment	Matsqui First Nation	Trans Mountain commits to use a Matsqui member as an environmental monitor in Matsqui Traditional Territory.	Matsqui First Nation Letter dated October 2, 2015 to Margaret Mears item b.	During Construction	Complete	Superseded by CER Condition	98	Through Condition 98 (Filing ID C00105 PDF pg 44), Trans Mountain engaged with Matsqui members to identify candidates, qualifications and resourcing for participation in the environmental monitor roles.
2125	Environment	Matsqui First Nation	Trans Mountain will deliver a stand alone list of actions and commitments to the Matsqui Lands Manager no later than 90 days before construction. This document will list the actions to avoid, mitigate and compensate for Project effects that will be binding on Trans Mountain as a necessary element of the Matsqui First Nation Environmental Assessment.	Matsqui First Nation Letter dated October 2, 2015 to Margaret Mears item c3	Prior to Construction	Complete			A table of commitments that detail the actions and commitments Trans Mountain intends to take to avoid, mitigate or compensate for project effects identified in the Matsqui Environmental Assessment was issued via email on June 1, 2017.
2191	Environment	BC Nature and Nature Canada	To reduce any potential environmental effects associated with the Environmental Field Studies Program in Surrey Bend Provincial Park, Trans Mountain will implement mitigation measures.	BC Nature Nature Cda IR No. 1.16j- Attachment 1 (Research Proposal - Surrey Bend Regional Park)	Prior to Construction	No Longer Applicable			Commitment is no longer applicable. The route no longer goes through Surrey Bend Provincial Park as outlined in CER Filing ID A82140, Condition 7 South Fraser Perimeter Road Route Realignment Environmental and Socio-Economic Assessment.
2256	Environment	City of Burnaby, NEB	Trans Mountain will engage a qualified arborist to develop a Tree Plan specific to municipal lands directly impacted by the pipeline construction, in Spread 7. Trans Mountain will ensure this plan will identify the species and number of trees to be removed from the construction right-of-way. Trans Mountain will ensure it will be provided to the City or Municipality, and will be used to develop details of the Reclamation Plan in consultation with the City and landowners.	NEB IR No. 6.12NEB Route Hearing Transcript Seg 7 Vol 3	Prior to Construction	Complete			Tree management plans for Coquitlam and Langley Township have been approved. Plans for the City of Burnaby and Surrey have been submitted and are currently under review. The Tree Management Plan for Abbotsford will be finalized upon completion of alignment and workspace changes.
2260	Environment	Landowner - Yarrow Ecovillage, NEB	Trans Mountain commits to taking a statistically valid sample of soils prior to construction and before re-spreading topsoil at Yarrow Ecovillage. Trans Mountain commits to testing this sample for metal concentrations to ensure that there has been no metal contamination of the soil due to pipeline construction activity.	NEB IR No. 6.13; Detailed Route Hearing Landowner Yarrow Village, Response to IR No. 2.1 (C09435)	Project Lifecycle	Complete			Trans Mountain has completed soil sampling at Yarrow Ecovillage and has set requirements for testing prior to re-spreading topsoil on the lands.
2282	Environment	NEB	Trans Mountain will install an air monitoring station at the Sumas Terminal by the end of 2014 .	Part 2 – Public Consultation Update No. 1	Prior to Construction	Complete			Condition 79, CER Filing ID C08441, Condition 79 Air Emissions Monitoring Plan for Sumas and Burnaby Terminals, Section 3.2.1.1, Appendix C, Page: 11 to 12, Figure C1 to C4.
2452	Environment	North Shore NOPE, Tsleil-Waututh Nation	With respect to Environment Canada Recommendation 3-2 (Filing ID A4L8Y6), Trans Mountain commits to discussing the request with the interested parties such as Tsleil-Waututh Nation and members from groups such as NS NOPE who also reside on the North Shore and expressed interest in ambient air quality measurements.	Reply Evidence 33.3.6 Air Quality - p33-38 line 1; Reconsideration Report - pp 393-394	Project Lifecycle	Complete			Trans Mountain has addressed air quality monitoring feedback and concerns with Indigenous communities, including NS NOPE and Tsleil-Waututh Nation (TWN), through circulation of Condition 72 Environmental Protection Plans filings (Filing ID C20382) and Condition 52 Air Emissions Management Plans filings (Filing ID A84415) for stakeholder feedback. Trans Mountain then contacted TWN and NS NOPE directly, via email and telephone.
2476	Environment	NEB	Trans Mountain will invite aboriginal groups to participate in Environmental Protection Plan (EPP) workshops where mitigation measures will be discussed.	Reply Evidence 42.4 Human Occupancy and Resources Use p.42-3 Line 23	Prior to Construction	Complete			EPP workshops were successfully held in Abbotsford, Chilliwack, Kamloops and Edmonton in September 2015. Supporting documents for the Indigenous groups invited and in participating communities were provided to the CER in CVA IR Round 1 IR #4.
2497	Environment	Lyackson First Nation, Tsawout First Nation	Trans Mountain is committed to hosting a regional Environmental Protection Plans (EPPs) workshop to discuss mitigation measures, Tsawout First Nation, and Lyackson First Nation will be invited to attend.	Reply Evidence 57.5 Aboriginal Traditional Marine Use p.57.9 line 13	Prior to Construction	Complete			Tsawout First Nation, and Lyackson First Nation were invited to participate in EPP Workshops on August 10, 2015 and November 9, 2016, respectively. Meeting with Tsawout First Nation were cancelled because of low response to the invite. Meeting with Lyackson First Nation was canceled because of non-engagement. Supporting documents for the Indigenous groups invited were provided to the CER in CVA IR Round 1 IR #4.
2507	Environment	City of Burnaby, Landowner - Burnaby Residents (Holly Chan, Steve Cook, Karim and Anar Dossa, Lily and Frank Fan, Claudia Leung and Michael Radano), NEB	As referenced in City of Burnaby 1.10.03d (Filing ID A3Y2E6) Trans Mountain will ensure the operation and testing for noise generating equipment meets the local noise bylaws by designing and installing the equipment with appropriate consideration of noise suppression. Additionally, the testing for this 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 design and engineering.	Reply Evidence 6.2 Stakeholder Engagement - p17 - line 26, City of Burnaby 1.10.03d; NEB Route Hearing Decision Seg 7,	During Operations	In Progress	Superseded by CER Condition	141	Commitment addressed by CER Condition 141, Not yet filed (file with the NEB, within 3 months after commencing operations). Plan will address the results of post-construction noise surveys conducted at the Sumas and Burnaby Terminals and at the Westridge Marine Terminal, demonstrating compliance with the British Columbia Oil and Gas Commission's British Columbia Noise Control Best Practices Guideline (2009), and any further mitigation that Trans Mountain will undertake to achieve compliance.

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				Burnaby Residents Sec 2.3					
2519	Environment	Adams Lake Indian Band	Trans Mountain will be hosting regional workshops along the proposed Project corridor to discuss the Environmental Protection Plan (EPP) and Emergency Management (EM); Adams Lake Indian Band (ALIB) will be invited to participate in collaboration with other Aboriginal groups located in the region. Trans Mountain is committed to continued engagement with ALIB to discuss the Project and the potential Project related effects on ALIB.	Reply Evidence 7.1 Adams Lake Indian Band - p2 - line 11	Prior to Construction	Complete			Adams Lake Indian Band (ALIB) was invited to participate in EPP Workshops on August 10, 2015. Meeting with ALIB was cancelled because ALIB elected to not attend the meeting. Trans Mountain Emergency Management has hosted a series of regional workshops specific to Emergency Management in each of the four operational districts (Alberta, North Thompson, Kamloops & Sumas). ALIB was invited to EM3 on February 4, 2016 and EM4 on February 7, 2018, but did not attend. Supporting documents for the Indigenous groups invited were provided to the CER in CVA IR Round 1 IR #4.
2520	Environment	Asini Wachi Nehiyawak Traditional Band	Trans Mountain will be hosting regional workshops along the proposed Project corridor to discuss the Environmental Protection Plan (EPP) and Emergency Management (EM); Asini Wachi Nehiyawak Traditional Band (AWNTB) will be invited to participate in collaboration with other Aboriginal groups located in the region. Trans Mountain is committed to continued engagement with AWNTB to discuss the Project and the potential Project related effects on AWNTB.	Reply Evidence 7.2 Asini Wachi Nehiyawak Traditional Band - p3 - line 3	Prior to Construction	Complete			Asini Wachi Nehiyawak Traditional Band was invited to participate in EPP Workshops on August 10, 2015. The Meeting was held on September 16, 2016 in Edmonton Alberta. Asini Wachi Nehiyawak Traditional Band was invited to the EM3 workshop on August 26, 2016. Asini Wachi Nehiyawak Traditional Band attended the meeting on October 25, 2016 in Edmonton, Alberta. Asini Wachi Nehiyawak Traditional Band was invited to the EM3 workshop on January 18, 2018. Asini Wachi Nehiyawak Traditional Band attended the meeting on February 13, 2018 in Edmonton, Alberta. Supporting documents for the Indigenous groups invited were provided to the CER in CVA IR Round 1 IR #4.
2522	Environment	Coldwater Indian Band	Trans Mountain will be hosting regional workshops along the proposed Project corridor to discuss the Environmental Protection Plan (EPP) and Emergency Management (EM); Coldwater Indian Band (CIB) will be invited to participate in collaboration with other Aboriginal groups located in the region. Trans Mountain is committed to continued engagement with CIB to discuss the Project, including routing options, and the potential Project related effects on CIB.	Reply Evidence 7.4 Coldwater Indian Band - p5 - line 21	Prior to Construction	Complete			Coldwater Indian Band was invited to participate in EPP Workshops. The Meeting was held on September 16, 2015 in Kamloops, BC. Supporting documents for the Indigenous groups invited were provided to the CER in CVA IR Round 1 IR #4.
2523	Environment	Cowichan Tribes	Trans Mountain will be hosting regional workshops along the proposed Project corridor to discuss the Environmental Protection Plan (EPP) Cowichan Tribes (CT) will be invited to participate in collaboration with other Aboriginal groups located in the region. As outlined in its IR response to Natural Resources Canada (NRCAN) (Filing ID A4R4G1, PDF page 3) on July 14, 2015, CT expects consultation on a number of issues to continue after the NEB hearing process has concluded; Trans Mountain is committed to continued engagement with CT to discuss the Project and the potential Project related effects on CT.	Reply Evidence 7.5 Cowichan Tribes - p5 - line 25	Prior to Construction	Complete			Cowichan Tribes was invited to participate in EPP Workshops on August 10, 2015, November 9, 2015, November 21, 2016, and January 30, 2017. Fall 2015 in Coquitlam cancelled because of changes in Project requirements. Meetings in 2016 and 2017 were cancelled because of low response to the invite. Supporting documents for the Indigenous groups invited were provided to the CER in CVA IR Round 1 IR #4.
2524	Environment	Katzie First Nation	Trans Mountain will be hosting regional workshops along the proposed Project corridor to discuss the Environmental Protection Plan (EPP) and Emergency Management (EM); Katzie First Nation (KFN) will be invited to participate in collaboration with other Aboriginal groups in the region. Project mitigation measures will be reviewed including those that will be utilized to minimize Project related effects as identified in the KFN Traditional Land Use (TLU) study. Trans Mountain is committed to continued engagement with KFN to discuss the Project and the potential Project related effects on KFN.	Reply Evidence 7.6 Katzie First Nation - p6 - line 5	Prior to Construction	Complete			Katzie First Nation was invited to participate in EPP Workshops on August 10, 2015. Katzie First Nation did not respond to the invitation. Katzie First Nation was invited to EM3 on February 22, 2016 and EM 4 on February 2, 2020. Supporting documents for the Indigenous groups invited were provided to the CER in CVA IR Round 1 IR #4.
2526	Environment	Lyackson First Nation	Trans Mountain will be hosting regional workshops along the proposed Project corridor to discuss the Environmental Protection Plan (EPP); Lyackson First Nation (LYFN) will be invited to participate in collaboration with other Aboriginal groups located in the region. Trans Mountain is committed to continued engagement with LYFN to discuss the Project and the potential Project related effects on LYFN.	Reply Evidence 7.7 Lyackson First Nation - p6 - line 25	Prior to Construction	Complete			Lyackson First Nation was appropriately engaged in the development of the EPP as shown by the Indigenous consultation references contained in the various submissions made under Condition 72 (e.g. Filing ID A84106-40 at PDF Pages 163 and 171 and Filing ID C01961 at PDF Page 266). This EPP engagement represented part of Trans Mountain's wider-ranging and ongoing engagement with Indigenous communities While Lyackson had been invited to an EPP workshop scheduled for November 9, 2016, that particular session was cancelled due to a shortage of response. Further information regarding workshops with Indigenous groups was provided to the CER in response to CVA 2021-395 IR Round 1 IR #4.
2527	Environment	Lyackson First Nation	Trans Mountain acknowledges an outstanding commitment to meet with Lyackson First Nation (LYFN) to discuss the mitigation measures associated with the Project as related to the Lyackson Use and Occupancy Mapping Study (LUOMS).	Reply Evidence 7.7 Lyackson First Nation p6 - line 18	Prior to Construction	Complete			Lyackson First Nation was invited to participate in EPP Workshops on November 9, 2016. The meeting cancelled because of low response to the invite. Supporting documents for the Indigenous groups invited were provided to the CER in CVA IR Round 1 IR #4.
2528	Environment	Matsqui First Nation	Trans Mountain will be hosting regional workshops along the proposed Project corridor to discuss the Environmental Protection Plan (EPP) and Emergency Management (EM); Matsqui First Nation (MN) will be invited to participate in collaboration with other Aboriginal groups located in the region. Trans Mountain is committed to continued engagement with MN to discuss the Project and the potential Project related effects on MN.	Reply Evidence 7.8 Matsqui First Nation - p6 - line 37	Prior to Construction	Complete			Matsqui First Nation was invited to participate in EPP Workshops on August 13, 2015. The workshop took place on September 9, 2015.
2530	Environment	Gun Métis Local 55 (Lac Ste. Anne Métis)	Trans Mountain will be hosting regional workshops along the proposed Project corridor to discuss the Environmental Protection Plan (EPP) and Emergency Management (EM); Metis Nation of Alberta Gunn Metis Local 55 (GML) will be invited to participate in collaboration with other Aboriginal groups located in the region. Trans Mountain is committed to continued engagement with GML to discuss the Project and the potential Project related effects on GML.	Reply Evidence 7.9 Metis Nation of Alberta Gunn Metis Local 55 - p7 - line 21	Prior to Construction	Complete			Metis Nation of Alberta Gunn Metis Local 55 were invited to EM workshops to EM3 on August 26, 2018 and September 19, 2018, and EM4 on January 18, 2018 and January 31, 2018. Metis Nation of Alberta Gunn Metis Local 55 attended EM 3 on October 25, 2016 and EM 4 on February 13, 2018. Metis Nation of Alberta Gunn Metis Local 55 was invited to an EPP workshop on August 10, 2015 and attended the workshop on September 22, 2015.

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2533	Environment	Musqueam Indian Band	Trans Mountain will be hosting regional workshops along the proposed Project corridor to discuss the Environmental Protection Plan (EPP) and Emergency Management (EM); Musqueam Indian Band (MIB) will be invited to participate in collaboration with other Aboriginal groups located in the region. Trans Mountain is committed to continued engagement with MIB to discuss the Project and the potential Project related effects on MIB.	Reply Evidence 7.12 Musqueam Indian Band - p8 - line 31	Prior to Construction	Complete			Musqueam Indian Band was invited to an EPP workshop on August 10, 2015 and November 12, 2016. Musqueam Indian Band was invited to EM4 on February 2, 2020.
2534	Environment	Nooaitch Indian Band	Trans Mountain will be hosting regional workshops along the proposed Project corridor to discuss the Environmental Protection Plan (EPP) and Emergency Management (EM); Nooaitch Indian Band (NIB) will be invited to participate in collaboration with other Aboriginal groups located in the region. Trans Mountain is committed to continued engagement with MIB to discuss the Project and the potential Project related effects on MIB.	Reply Evidence 7.13 Nooaitch Indian Band - p9 - line 10	Prior to Construction	Complete			Nooaitch Indian Band was invited to an EPP Workshop on August 10, 2015 for a workshop on September 16, 2015. Nooaitch Indian Band was invited to a Emergency Management Workshop on February 20, 2018 for w workshop on March 6, 2018.
2535	Environment	Sto:lo Collective	Trans Mountain will be hosting regional workshops along the proposed Project corridor to discuss the Environmental Protection Plan (EPP) and Emergency Management (EM); Sto:lo will be invited to participate in collaboration with other Aboriginal groups located in the region. Project mitigation measures will be reviewed including those that will be utilized to minimize Project related effects as identified in the Integrated Cultural Assessment (ICA) Report.	Reply Evidence 7.15 Sto:lo Collective - p10 - line 38	Prior to Construction	Complete			EPP Workshops were held on September 9, 2015 and September 24, 2015 with Sto:lo Collective. Sto:lo Collective was invited to EM3 February 22, 2016 on and EM4 on February 2, 2020. Supporting documents for the Indigenous groups invited were provided to the CER in CVA IR Round 1 IR #4.
2538	Environment	Squamish Nation	Trans Mountain will be hosting regional workshops along the proposed Project corridor to discuss the Environmental Protection Plan (EPP) and Emergency Management (EM); Squamish Nation will be invited to participate in collaboration with other Aboriginal groups. Trans Mountain is committed to continued engagement with Squamish Nation (SN) to discuss the Project and the potential Project related effects on SN.	Reply Evidence 7.17 Squamish Nation - p12 - line 23	Prior to Construction	Complete			Squamish Nation were invited to an EPP workshop on November 9, 2016, November 22, 2016. Squamish Nation did not respond to the invitation. Squamish Nation was invited to EM2, EM3 on February 22, 2016 and EM4 on February 2, 2020. Squamish Nation did not attend EM workshops.
2539	Environment	Stk'emlupsemc Te Secwepemc	Trans Mountain will be hosting regional workshops along the proposed Project corridor to discuss the Environmental Protection Plan (EPP) and Emergency Management (EM); Stk'emlupsemc Te Secwepemc (SSN) will be invited to participate in collaboration with other Aboriginal groups. Trans Mountain is committed to continued engagement with SSN to discuss the Project and the potential Project-related effects on SSN.	Reply Evidence 7.18 Stk'emlupsemc Te Secwepemc - p12 - line 1	Prior to Construction	Complete			Stk'emlupsemc Te Secwepemc was invited to EM workshops on EM 3 on February 04, 2016, and EM4 on February 07, 2018. Stk'emlupsemc Te Secwepemc attended EM 4 on March 6, 2018. Stk'emlupsemc Te Secwepemc was invited to an EPP workshop on August 10, 2015.
2540	Environment	Stz'uminus First Nation	Trans Mountain will be hosting regional workshops to discuss the Environmental Protection Plan (EPP), and Stz'uminus First Nation (Stz'uminus) will be invited to participate in collaboration with other Aboriginal groups. Trans Mountain is committed to continued engagement with Stz'uminus to discuss the Project and the potential Project related effects on Stz'uminus.	Reply Evidence 7.19 Stz'uminus First Nation - p12 - line 15	Prior to Construction	Complete			Stz'uminus First Nation was invited to an EPP Workshop on August 10, 2015 November 09, 2016 with follow up on November 14, 2016, and January 30, 2017. The 2017 event was canceled due to a lack of sufficient response to the invite.
2542	Environment	Tsawout First Nation	Trans Mountain will be hosting regional workshops to discuss the Environmental Protection Plan (EPP), and Tsawout First Nation (TWFN) will be invited to participate in collaboration with other Aboriginal groups. Trans Mountain is not able to commit to a community specific forum with TWFN at this time. Trans Mountain is committed to continued engagement with TWFN to discuss the Project and the potential Project related effects on TWFN	Reply Evidence 7.21 Tsawout First Nation - p13 - line 24	Prior to Construction	Complete			Tsawout First Nation was invited to participate in EPP Workshops on August 10, 2015. The meeting cancelled because of nonengagement. Supporting documents for the Indigenous groups invited were provided to the CER in CVA 2021-395 IR Round 1 IR #4.
2544	Environment	Tsawwassen First Nation	Trans Mountain will be hosting regional workshops along the proposed Project corridor to discuss the Environmental Protection Plan (EPP) and Emergency Management (EM); Tsawwassen First Nation (TFN) will be invited to participate in collaboration with other Aboriginal groups.	Reply Evidence 7.22 Tsawwassen First Nation - p14 - line 17	Prior to Construction	Complete			Tsawwassen First Nation (TFN) was invited to an EPP Workshop on August 10, 2015, November 09, 2016, November 21, 2016 and January 30, 2017.
2545	Environment	Tsleil-Waututh Nation	Trans Mountain will be hosting regional workshops along the proposed Project corridor to discuss the Environmental Protection Plan (EPP) and Emergency Management (EM); Tsleil-Waututh Nation (TWN) will be invited to participate in collaboration with other Aboriginal groups. Project mitigation measures will be reviewed including those that will be utilized to minimize Project related effects as identified in the TWN report. Trans Mountain is committed to continued engagement with TWN to discuss the Project and the potential Project related effects on TWN.	Reply Evidence 7.23 Tsleil-Waututh Nation p15 - line 4	Prior to Construction	Complete			Tsleil-Waututh Nation was invited to an EPP Workshop on August 10, 2015, November 09, 2016, November 21, 2016 and January 30, 2017. Tsleil-Waututh Nation was invited to EM3 on February 22, 2016 and EM4 on February 2, 2020.
2546	Environment	Upper Nicola Band	Trans Mountain will be hosting regional workshops along the proposed Project corridor to discuss the Environmental Protection Plan (EPP) and Emergency Management (EM); Upper Nicola Indian Band (UNB) will be invited to participate in collaboration with other Aboriginal groups. In its evidence (filling ID A4R414), UNB requested continued consultation with Trans Mountain regarding the Project on multiple matters, Trans Mountain acknowledges that Upper Nicola Indian Band has requested that engagement with Trans Mountain remain confidential.	Reply Evidence 7.24 Upper Nicola Band p15 - line 14	Prior to Construction	Complete			An EPP meeting with Upper Nicola Indian Band was held on September 16, 2015 in Kamloops BC. Supporting documents for the Indigenous groups invited were provided to the CER in CVA IR Round 1 IR #4.
2611	Environment	NEB	Trans Mountain will incorporate expansion of the Burnaby Terminal into its existing stormwater monitoring program, whereby Trans Mountain will continue to monitor flash drainage events in an effort to identify potential effects and implement necessary measures to reduce or avoid Project-related effects to the Eagle Creek watershed.	Application Volume 5A s. 7.5.3.4 p7-384	Project Lifecycle	Complete			Trans Mountain has included the expanded Burnaby Terminal in the Burnaby Terminal (Phase 1 and Phase 2) Compliance Monitoring Plan (CMP), in accordance with the Waste Discharge Permit (WDP). Phase 3 WDP will be issued upon completion of Tanks 96 & 98; CMP will continue to apply.
2819	Environment	City of Burnaby	Working with the City of Burnaby, Trans Mountain would be willing to collaboratively develop an approach to construction that minimized potential impacts on the Barnet Escarpment Urban Trail prior to construction. Possible mitigation measures could include pre-building sections of the trail in advance of closing existing sections required for construction. This approach would minimize or eliminate impacts to trail users.	City of Burnaby No. 2.100	Prior to Construction	Complete			No impacts are planned to any trail along the tunnel alignment, however monitoring may be required along the alignment so no guarantee can be made that short duration closure wouldn't be required. If short duration closures are required KLTP will work with the City of Burnaby to provide an alternate route around any closure, if required.
2971	Environment	Metro Vancouver	Trans Mountain commits to meet with Metro Vancouver to discuss the methodology and results.	Metro Vancouver IR No. 1.6.04b-Response to Motion	Prior to Construction	Complete			A meeting was held with Metro Vancouver and other stakeholders on February 17, 2017 where methodology and results were discussed.
3018	Environment	NEB	Trans Mountain will employ an "early in/early out" approach by initiating construction activities as early as possible in the winter and working expeditiously to limit late winter activities. Additionally,	Application Volume 5A; Technical	During Construction	No Longer Applicable			Wildlife Areas for reactivation works are provided in Appendix J of the Reactivation EPP. No Caribou ranges or Key Wildlife Biodiversity Areas are

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			Trans Mountain will discuss the timing of their activity with Alberta Energy Regulator (AER) and maintain contact with AER during the construction period to advise them of the construction progress and anticipated completion date within Key Wildlife Biodiversity Zones. Construction, routine maintenance and operation activities will be scheduled outside the spring period for caribou. (Reactivation Hinton to Hargreaves)	Update No. 1 and Consultation Update No. 2 - Part 2 Table 1.6.2-1					encountered. (Caribou Matrix range has no timing restriction).
3026	Environment	NEB	Trans Mountain will schedule construction, routine maintenance and operational activities outside the spring period for caribou (generally mid-March to mid-July), unless otherwise approved by Alberta Environment and Sustainable Resource Development (AESRD). (Reactivation Hinton to Hargreaves)	NEB IR No. 3.010a-Attachment 1	During Construction	No Longer Applicable			Wildlife Areas for reactivation works are provided in Appendix J of the Reactivation EPP. No Caribou ranges or Key Wildlife Biodiversity Areas are encountered. (Caribou Matrix range has no timing restriction).
3036	Environment	NEB	Trans Mountain will develop and implement an environmental education program to ensure that all personnel working on the construction of the Project are informed of the location of known Traditional Land Use (TLU) sites. These sites may be identified to Trans Mountain through the Cultural and Heritage Study Trans Mountain has committed to fund through Stkemlupsemc Te Secwepemc Nation (SSN) member, Tk'emlups te Secwepemc.	NEB IR No. 3.010a-Attachment 1	Prior to Construction	Complete			Level 1 training includes an overview of Environmental Features and How to Identify Them, TMEP Environmental Documents and Archaeology/ Paleontology as outlined in the Condition 72 Environmental Compliance Management Plan (CER Filing ID C03070) in Table 5-1, Page: 10.
3125	Environment	NEB	Trans Mountain has committed to searching for bat roost trees during the period when maternity roosts are active. In the event an active roost tree is found, a protective buffer will be implemented based on consultation with provincial regulators.	Revised Final Argument s. 7.2.1.11 p285	During Construction	Complete			The Environment team prepared and implemented the Bat Habitat Environmental Field Guide that was followed during pre-construction staking and flagging program. No bat roosts or maternity roosts were identified during this program.
3126	Environment	NEB	Trans Mountain has committed to reviewing and identifying active colonies that may be affected by construction activities in areas with high suitability habitat for swifts and swallows to ensure appropriate mitigation is implemented.	Revised Final Argument s. 7.2.1.11 p286	During Construction	Complete			Trans Mountain's requirements for migratory nest surveys are included in the Condition 72 Pipeline Environmental Protection Plan (CER Filing ID C20382) where pre-construction nesting bird sweeps are completed to identify nests in the vicinity of construction. There have been no swifts identified in the nesting bird trackers, but a couple species of swallows have been identified and mitigated. Additional requirements for migratory nest surveys are also included on pdf page 30 of the Pipeline EPP (CER Filing ID C20382) for pre-construction wildlife sweeps.
3273	Environment	Sto:lo Collective	A copy of the draft Archaeological Impact Assessment (AIA) final report will be forwarded in confidence to the Sto:lo Collective for review, comment and proposed edits before submission of the report to British Columbia Ministry of Forests, Lands and Natural Resource Operations (BC MFLNRO) Archaeology Branch. Once accepted by BC MFLNRO Archaeology Branch, a copy of the final AIA report will be forwarded in confidence to the Sto:lo Collective.	Sto:lo Collective Attachment - Table 3a	Project Lifecycle	Complete			Archaeological Impact Assessment (AIA) Reports were provided to potentially affected Indigenous groups as outlined in Trans Mountain's filings for CER Condition 96 (CER Filing ID C29977 PDF Pages 928; 963; 982 of 1294). Condition 27 (Archaeological – Heritage Resources Plan) Section 3.1.1 of Environmental Assessment Certificate outlines the process for sharing AIA reports with Indigenous groups.
3367	Environment	City of Abbotsford	Restoration strategies, including those for tree replacement will be developed in consultation with applicable landowners, the City of Abbotsford (on municipal lands) or the regulatory authority responsible for the management of Crown lands.	City of Abbotsford IR No. 2.2.07d, City of Abbotsford IR No. 2.2.09d	Project Lifecycle	Complete			The City of Abbotsford manages all land within the City limits that isn't privately owned. Trans Mountain worked in collaboration with the City of Abbotsford to develop a Planting Plan, including tree planting, that was approved by both parties. Trans Mountain consulted with private landowners on matters related to reforestation and ornamental tree planting in the development of the restoration strategy.
3417	Environment	C.G.L.A.P. - Collaborative Group of Landowners Affected by Pipelines	Trans Mountain is committed to systematic and timely communication with farm operators. Based on this communication, detailed biosecurity measures will be developed collaboratively between the farm operator and Trans Mountain.	CGLAP IR No. 2.8b	Prior to Construction	Complete	Superseded by CER Condition	72	Trans Mountain is in ongoing communication with landowners and farm operators. Specific details on biosecurity measures are discussed in confidential meetings with individual farm operators, and details are provided through the line list for the construction team to manage.
3739	Environment	BC Ministry of Transportation and Infrastructure	Trans Mountain commits to the following for the Coldwater 4 geotechnical site: using natural clearings to minimize disturbance and no clearing is proposed; transporting all drilling mud off-site for disposal at an approved facility. In the event that the drilling mud is to be disposed of on-site, the requirements outlined in the British Columbia Oil and Gas Handbook, Drilling Waste Management Chapter, will be adhered to.	Non-Regulatory Commitment	During Construction	Complete			Trans Mountain prepared the Drilling Waste Management Summary Report for Coldwater 4, which provides records of the drilling waste disposed of offsite. Process for drilling waste management is also provided in the CER Condition 72 Pipeline EPP (C20382 Section 8.0).
3826	Environment	Environment Canada	Trans Mountain will ensure all construction right-of-way clearing activities and site reclamation activities around the Chilliwack and Cascades Forest District boundary are in accordance with the Plant Protection Act – Balsam Woolly Adelgid (B.C. Reg. 414/92). The movement of any tree of Abies species will not be moved to any place outside of the quarantine area. Additionally, logs of Abies species that are moved out of the quarantine zone must be transported and stored in water and promptly processed to avoid the spread of the Balsam Woolly Adelgid.	GoC EC IR No. 2.122	During Construction	No Longer Applicable			Repealed by BC Reg. 40/2019, Effective March 6, 2019.
3827	Environment	Environment Canada	Trans Mountain will ensure all construction right-of-way clearing activities and site reclamation activities around the Chilliwack and Cascades Forest District boundary are in accordance with the Plant Protection Act – Balsam Woolly Adelgid (B.C. Reg. 414/92). The movement of any tree of Abies species will not be moved to any place outside of the quarantine area. Additionally, logs of Abies species that are moved out of the quarantine zone must be transported and stored in water and promptly processed to avoid the spread of the Balsam Woolly Adelgid.	GoC EC IR No. 2.122	During Construction	No Longer Applicable			Repealed by BC Reg. 40/2019, Effective March 6, 2019.
3830	Environment	Sto:lo Collective	Trans Mountain will recognize place names (such as on Project maps, signs and fencing) during the construction of the Project.	Sto:lo Collective Recommendation #45	During Construction	Complete			Photo proof has been provided as proof of place names.
3839	Environment	Matsqui First Nation	Trans Mountain will deliver a stand alone list of actions and commitments to the Matsqui Lands Manager no later than 90 days before construction. This document will list the actions to avoid,	Matsqui First Nation Letter dated October	Prior to Construction	Complete			The Matsqui First Nation Commitments Table was delivered to Matsqui on June 1, 2017 via email.

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			mitigate and compensate for Project effects that will be binding on Trans Mountain as a necessary element of the Matsqui First Nation Environmental Assessment.	2, 2015 to Margaret Mears item c3					
3840	Environment	Matsqui First Nation	Trans Mountain will deliver a stand alone list of actions and commitments to the Matsqui Lands Manager no later than 90 days before construction. This document will list the actions to avoid, mitigate and compensate for Project effects that will be binding on Trans Mountain as a necessary element of the Matsqui First Nation Environmental Assessment.	Matsqui First Nation Letter dated October 2, 2015 to Margaret Mears item c3	Prior to Construction	Complete			The Matsqui First Nation Commitments Table was delivered to Matsqui on June 1, 2017 via email.
3841	Environment	Sto:lo Collective	Trans Mountain will be hosting regional workshops along the proposed Project corridor to discuss the Environmental Protection Plan (EPP) and Emergency Management (EM); Stó:lō will be invited to participate in collaboration with other Aboriginal groups located in the region. Project mitigation measures will be reviewed including those that will be utilized to minimize Project related effects as identified in the Integrated Cultural Assessment (ICA) Report.	Reply Evidence 7.15 Stó:lō Collective - p10 - line 38	Prior to Construction	Complete			EPP Workshops were held on September 9, 2015 and September 24, 2015 with Stó:lō Collective. Stó:lō Collective was invited to EM3 February 22, 2016 on and EM4 on February 2, 2020. Supporting documents for the Indigenous groups invited were provided to the CER in CVA IR Round 1 IR #4.
3842	Environment	Sto:lo Collective	Trans Mountain will be hosting regional workshops along the proposed Project corridor to discuss the Environmental Protection Plan (EPP) and Emergency Management (EM); Stó:lō will be invited to participate in collaboration with other Aboriginal groups located in the region. Project mitigation measures will be reviewed including those that will be utilized to minimize Project related effects as identified in the Integrated Cultural Assessment (ICA) Report.	Reply Evidence 7.15 Stó:lō Collective - p10 - line 38	Prior to Construction	Complete			EPP Workshops were held on September 9, 2015 and September 24, 2015 with Stó:lō Collective. Stó:lō Collective was invited to EM3 February 22, 2016 on and EM4 on February 2, 2020. Supporting documents for the Indigenous groups invited were provided to the CER in CVA IR Round 1 IR #4.
3843	Environment	Squamish Nation	Trans Mountain will be hosting regional workshops along the proposed Project corridor to discuss the Environmental Protection Plan (EPP) and Emergency Management (EM); Squamish Nation will be invited to participate in collaboration with other Aboriginal groups. Trans Mountain is committed to continued engagement with Squamish Nation (SN) to discuss the Project and the potential Project related effects on SN.	Reply Evidence 7.17 Squamish Nation - p12 - line 23	Prior to Construction	Complete			Squamish Nation were invited to an EPP workshop on November 9, 2016, November 22, 2016. Squamish Nation did not respond to the invitation. Squamish Nation was invited to EM2, EM3 on February 22, 2016 and EM4 on February 2, 2020. Squamish Nation did not attend EM workshops.
3853	Environment	Sto:lo Collective	Where water quality monitoring fails to meet the parameters of established guidelines and is not in compliance with regulatory requirements, Trans Mountain will report the incident to Sto:lo representatives within the requested timeframe.	Sto:lo Collective Recommendation #11	During Construction	Complete	Superseded by CER Condition	72	Trans Mountain notifies affected Indigenous communities (including Sto:lo representatives) of any incidents that occur. The Condition 72 Pipeline Environmental Protection Plan (Filing ID 20382) provides planning and procedures for notification of potential impacts from releases that occur as a result of Trans Mountain's construction activity (Sections 3.2, 8.0, 11.1, Appendix B Attachment B1 and Appendix G, Section 3.2.2.2).
3854	Environment	Sto:lo Collective	Where water quality monitoring fails to meet the parameters of established guidelines and is not in compliance with regulatory requirements, Trans Mountain will report the incident to Sto:lo representatives within the requested timeframe.	Sto:lo Collective Recommendation #11	During Construction	Complete	Superseded by CER Condition	72	Throughout pipeline construction in Sto:lo territory, Trans Mountain notified Sto:lo representatives of any releases to water resulting in exceedances of established water quality parameter guidelines. The Condition 72 Pipeline Environmental Protection Plan (Filing ID 20382) provides planning and procedures for notification of potential impacts from releases that occur as a result of Trans Mountain's construction activity (Appendix B Sections 3.2, 8.0, 11.1, Attachment B1 and Appendix G, Section 3.2.2.2).
3858	Environment	Sto:lo Collective	Trans Mountain's procurement team and Chief Environmental Inspector will discuss the requirements and existing capacity re: qualified monitoring personnel and services with the Sto:lo representatives.	Sto:lo Collective Recommendation #13, #14, #26, #40, #41, #52 A4S7H3	Project Lifecycle	Complete	Superseded by CER Condition	98	Through Condition 98 filings (Filing ID A84466), Trans Mountain's procurement team and Chief Environmental Inspector provides the requirements and existing capacity regarding qualified monitoring personnel and services of Indigenous Monitors (IM), which includes the Sto:lo collective (Table 3).
3859	Environment	Sto:lo Collective	If clearing in Old Growth Management Areas (OGMAs) within the S'ólh Téméxw becomes an approved construction requirement, Trans Mountain will discuss Sto:lo's desire to salvage cedar with the OGMA regulator and the terms for commercial harvest will be negotiated (Spread 7).	Sto:lo Collective Recommendation #29	Prior to Construction	No Longer Applicable			No OGMA are encountered in Spread 7. Condition 72, CER Filing ID C03931, Spread 7 RSMT, Section 5.2, Page: 26.
3860	Environment	Sto:lo Collective	Trans Mountain will provide advance notification of planned herbicide application to the Sto:lo representatives.	Sto:lo Collective Recommendation #37	Project Lifecycle	Complete	Superseded by CER Condition	72	Commitment addressed by CER Condition 72, CER Filing ID C01961, Pipeline EPP, Section 7.0, Page: 26 (Measure 81).
3884	Environment	NEB	Trans Mountain commits to updating the Traditional Land Use Sites Discovery Contingency Plan as part of the Westridge Marine Terminal Environmental Protection Plan prior to construction with mitigation measures for fishing, trapping, plant gathering, and trails and travelways specific to marine terminal construction.	NEB Cond IR No. 25.3	Prior to Construction	Complete			CER Filing ID C08265, Condition 81 Westridge Marine Terminal EPP. Mitigation measures for fishing, trapping, plant gathering, and trails and travelways specific to marine terminal construction have been added to Section 10.0 in Appendix B, Page: B-25 to B-27.
3885	Environment	NEB	Trans Mountain commits to updating the Westridge Marine Terminal (WMT) Environmental Protection Plan, prior to construction, to include any new or revised mitigation measures that result from further consultations with Fisheries and Oceans Canada (DFO) or through issuance of the Fisheries Act Authorization for the WMT.	NEB Cond IR No. 25.4	Prior to Construction	Complete	Superseded by CER Condition	81	Trans Mountain provides updates to Condition 81 Westridge Marine Terminal Environmental Protection Plan (Latest CER Filing ID C08265) which includes updates from DFO on the EPP mitigation measures.
3886	Environment	NEB	Trans Mountain commits to implementing access management across the TMEP and TMPL rights-of-way in suitable locations where the Project is contiguous with the TMPL right-of-way.	NEB Cond IR No. 26.2; NEB Cond IR No. 27.8	During Construction	Complete	Superseded by CER Condition	56, 47	Commitment addressed via CER Conditions 47 and 72. Condition 47, (Access Management Plans, Updated Filing ID A90912), are encapsulated in Condition 72 Environmental Protection Plans (updated filing ID C20382, PDF page 282).
3887	Environment	NEB	Trans Mountain commits to documenting and reporting to the NEB the locations of existing access management on the contiguous sections of the TMPL right-of-way, and the access management measures implemented during or upon completion of Project construction at each location or the rationale for not implementing access management.	NEB Cond IR No. 26.2; NEB Cond IR No. 27.8	During Construction	Complete	Superseded by CER Condition	47	This commitment is addressed via CER Condition 47 - Access Management Plan (CER Filing ID A90912). See Section 6.5 which describes Trans Mountain's reporting to the CER including locations of final access management and details of corrective actions taken, if any (PDF page 47).
3890	Environment	NEB	Trans Mountain commits to reporting the final access management locations to the NEB with the Post-Construction Environmental Monitoring (PCEM) reports.	NEB Cond IR No. 27.6	Post-Construction Monitoring	In Progress	Superseded by CER Condition	47	Commitment addressed by CER Condition 47. CER Filing ID A90912, Condition 47 Access Management Plan, Section 3.5 and 6.5, Page: 20, 41.

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3891	Environment	NEB	Trans Mountain commits to updating the Species at Risk Mitigation and Habitat Restoration Plans to provide clarity regarding which mitigation measures will be applied, as indicated in this IR response.	NEB Cond IR No. 28.13	Prior to Construction	Complete	Superseded by CER Condition	44	Commitment addressed by the following Condition 44 filings: CER Filing ID A85185-23, Western Screech-Owl Mitigation and Habitat Restoration Plan, (Update A90910 Table 4, Page: 21 to 37). CER Filing ID A85185-3 American Badger Mitigation and Habitat Restoration Plan, Section 5.3 (PDF pg 21) CER Filing ID A85185-17 Pacific Water Shrew Mitigation and Habitat Restoration Plan (Update A90911 Table 4, Page: 28). CER Filing ID A85185-7 Coastal Giant Salamander Mitigation and Habitat Restoration Plan, (A90905 Table 4, Page 22). CER Filing ID A85185-21 Townsend's Mole Mitigation and Habitat Restoration Plan, Section 5.3 (PDF pg 22) CER Filing ID A85185-11 Williamson's Sapsucker and Lewis's Woodpecker Mitigation and Habitat Restoration Plan, (A90906 Table 5, Page 27) CER Filing ID A85185-15 Oregon Spotted Frog Mitigation and Habitat Restoration Plan, (A90907 Table 3, Page 20) CER Filing ID A85185-5 Barn Owl Mitigation and Habitat Restoration Plan, Section 5.3 (PDF pg 22) CER Filing ID A85185-9 Great Basin Spadefoot Mitigation and Habitat Restoration Plan, Section 5.3 (PDF pg 37) CER Filing ID A85185-13 Oregon Forestsnail Mitigation and Habitat Restoration Plan, Section 5.3 (PDF pg 32) CER Filing ID A85185-19 Western Rattlesnake and Great Basin Gophersnake Mitigation and Habitat Restoration Plan, Section 5.3 (PDF pg 31)
3892	Environment	NEB	Trans Mountain commits to retaining and replacing cover objects within areas of core terrestrial and connectivity habitat for Great Basin spadefoot.	NEB Cond IR No. 28.16	Prior to Construction	Complete	Superseded by CER Condition	44	Condition 72, Pipeline EPP (CER Filing ID C01961) Appendix G Section 6.4.1.5 (PDF pg 376 Page: G-108) and in Condition 44 "GREAT BASIN SPADEFOOT MITIGATION AND HABITAT RESTORATION PLAN" (Filing ID A83049-2) Section 5.2.
3893	Environment	NEB	Trans Mountain commits to assuming that critical habitat is present in the forested areas of connective critical habitat for coastal giant salamander that have not been surveyed (< 2.5 km) and will apply the avoidance, mitigation and restoration measures from the relevant Plan.	NEB Cond IR No. 28.2	Prior to Construction	Complete	Superseded by CER Condition	44	Through strategies of avoidance described in Section 5.0 of CER Condition 44, mitigation and restoration measures are provided, the plan is provided for the Coastal Giant Salamander Mitigation and Habitat Restoration Plan (A90905-3). Trans Mountain has filed CER Condition 72 Pipeline Environmental Protection Plan, where in Appendix G, Section 6.4.1.6 Coastal Giant Salamander avoidance, mitigation and restoration measures are in place.
3894	Environment	NEB	Trans Mountain commits to assuming that critical habitat is present in the small segment of refined Lewis's woodpecker proposed critical habitat where land access was not granted (680 m) and will apply the avoidance, mitigation and restoration measures from the relevant Plan.	NEB Cond IR No. 28.2	Prior to Construction	Complete	Superseded by CER Condition	44	Through strategies of avoidance described in Section 5.0 of CER Condition 44, mitigation and restoration measures are provided, the plan is provided for the Williamson's Sapsucker and Lewis's Woodpecker Mitigation and Habitat Restoration Plan (A90906). Trans Mountain has filed CER Condition 72 Pipeline Environmental Protection Plan, where in Appendix G, Section 6.4.1.1 Lewis's Woodpecker measures to mitigate the effects for critical habitat, which include avoidance, mitigation and restoration measures are in place.
3895	Environment	NEB	Trans Mountain is committed to allowing only those who have received the noted environmental and compliance education to work in areas identified in the Condition 44 Plans. If personnel are found to have commenced work within these areas without the training, they will cease work until they have received the training.	NEB Cond IR No. 28.22	Prior to Construction	Complete	Superseded by CER Condition	44	Table 5.1 of the Environmental Compliance Management Plan (C03070) has a summary of the levels of training, target audience and content delivered with each training level. Condition 44 Western Screech-Owl Mitigation and Habitat Restoration Plan, Section 7.2.2, Page: 31. CER Filing ID A85074, American Badger Mitigation and Habitat Restoration Plan, Section 7.2.2, Page: 24. CER Filing ID A90911 Condition 44 Pacific Water Shrew Mitigation and Habitat Restoration Plan Section 7.2.2, Page: 40. CER Filing ID A90905, Condition 44 Coastal Giant Salamander Mitigation and Habitat Restoration Plan, Section 7.2.1, Page: 34. CER Filing ID A85074, Condition 44 Townsend's Mole Mitigation and Habitat Restoration Plan, Section 7.2.2, Page: 24. CER Filing ID A90906, Condition 44 Williamson's Sapsucker and Lewis's Woodpecker Mitigation and Habitat Restoration Plan, Section 7.2.2, Page: 38. CER Filing ID A90907, Condition 44 Oregon Spotted Frog Mitigation and Habitat Restoration Plan, Section 7.2.1, Page: 29. CER Filing ID A85074, Condition 44 Barn Owl Mitigation and Habitat Restoration Plan, Section 7.2.2, Page: 26. CER Filing ID A85074, Condition 44 Great Basin Spadefoot Mitigation and Habitat Restoration Plan, Section 7.2.2, Page: 34. CER Filing ID A85074, Condition 44 Oregon Forestsnail Mitigation and Habitat Restoration Plan, Section 7.2.2, Page: 36. CER Filing ID A85074, Condition 44 Western Rattlesnake and Great Basin Gophersnake Mitigation and Habitat Restoration Plan, Section 7.2.2, Page: 31.
3897	Environment	NEB	Trans Mountain commits to providing the Board with an update on Project effects within early draft critical habitat for each of American badger and Western screech-owl, including all aspects of Condition 44 requirements, should the Raft River contingency alternate be required for the Project.	NEB Cond IR No. 28.8	Prior to Construction	Complete	Superseded by CER Condition	44	Trans Mountain continued with the approved route, and did not utilize the Raft River contingency alternate route. The following are the filed Condition 44 Condition 44 Western Screech Owl, provides details on critical habitat (A90910) Condition 44 American Badger, Trans Mountain provides details on critical habitat (A83034)
3898	Environment	NEB	Trans Mountain commits to revisiting the area near KP 1118.8 to search for evidence of Townsend's mole. If presence is confirmed, the measures in the Plan will be applied.	NEB Cond IR No. 28.9	Prior to Construction	Complete	Superseded by CER Condition	44	Trans Mountain revisited the site in November 2021 for evidence of Townsend's Mole, in which no presence of the Townsend Mole was found.
3899	Environment	NEB	Trans Mountain commits to revisiting the suspected Lewis woodpecker nest site near KP 845.3 if clearing or construction occurs within the migratory bird nesting period. If the nest is active, the appropriate buffer will be implemented.	NEB Cond IR No. 28.9	Prior to Construction	Complete	Superseded by CER Condition	44	Trans Mountain provides observations of the Lewis Woodpecker nest site near KP 845.3, 80m east of the construction footprint, and not within the Proposed Critical Habitat (Condition 44 Filing ID A90906). Clearing and

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									construction at this location was completed outside the migratory bird nesting period, and therefore no survey was completed. Prior to all clearing, Trans Mountain inspects areas of critical habitat to identify the location of any nests Section 6.4.1.1 (Condition 72 Filing ID C20382). Mitigation measures that will be applied are in Appendix G of the Pipeline EPP (CER Filing ID C20382) Section 6.4.1.1
3900	Environment	NEB	Trans Mountain commits to applying the avoidance, mitigation and habitat restoration measures for Oregon forestsnail from KP 1054.0 to KP 1054.1 and KP 1077.3 to KP 1077.4.	NEB Cond IR No. 28.9	Prior to Construction	Complete	Superseded by CER Condition	44	As filed with the CER, Trans Mountain has prepared a mitigation and habitat restoration plan for the Oregon Forest snail (Filing ID A86567-9) in which details are provided in Section 5.3, Page: 26 to 32. Table 2 provides a summary of the locations of direct project interaction with the Oregon Forest snail, critical habitat. Updated mitigation measures are found in Appendix G of the Pipeline EPP, CER Filing ID C20382, Pipeline EPP, Section 6.4.1.2 in Appendix G of the Pipeline EPP.
3902	Environment	NEB	Trans Mountain commits to updating the Condition 71: Riparian Habitat Management Plan to include any new mitigation measures or changes to proposed mitigation measures resulting from concerns raised by Environment and Climate Change Canada, as described in this IR response. This includes monitoring all riparian habitats that received pre-construction field surveys for vegetation and wildlife and also monitoring of all high-sensitivity for fish watercourse crossings.	NEB Cond IR No. 29.6	Prior to Construction	Complete			Commitment addressed by CER Condition 71, CER Filing A90936, Condition 71 Riparian Habitat Management Plan, Section 3.3.2, 6.0, 6.3 Page: 15, 45 to 48, 50.
3903	Environment	NEB	Trans Mountain commits to including the evaluation of 'performance indicator against measurable targets information' for monitoring years one and three in the five year Post-Construction Environmental Monitoring (PCEM) report (NEB Condition 151).	NEB Cond IR No. 29.7	Post-Construction Monitoring	Complete			Commitment addressed by CER Condition 71, CER Filing A90936, Condition 71 Riparian Habitat Management Plan, Section 6.0 Page: 45 to 48.
3906	Environment	NEB	Trans Mountain commits to ensuring that personnel who have not received the environmental and compliance education will not work within the Sowaqua Spotted Owl Wildlife Habitat Area (WHA) until they have received the training, and that if personnel are found to have commenced work within the WHA without the training, they will cease work in the WHA until they have received the training.	NEB Cond IR No. 14.11	During Construction	Complete	Superseded by CER Condition	38	Trans Mountain through Condition 38, (CER Filing ID A85803), Condition 38 Sowaqua Spotted Owl Mitigation Plan provides details on the requirements for personnel to work within the Sowaqua Spotted Owl Wildlife Habitat Area.
3907	Environment	NEB	Trans Mountain commits to updating the Facilities Environmental Protection Plan as indicated in this IR response and submitting it to the NEB prior to construction.	NEB Cond IR No. 34.10	Prior to Construction	Complete			Statement has been added to the Facilities EPP. CER Filing ID C06991, Condition 78 Facilities EPP, Section 7.2, Page: 7-5.
3908	Environment	NEB	Trans Mountain commits to updating the Pipeline and Facility Environmental Protection Plans (EPP) to reflect the migratory bird nesting period throughout the EPP, and where clearing and construction outside of the migratory bird nesting period is not feasible, Trans Mountain will implement the mitigation measures outlined under "General Measures", including nest sweeps.	NEB Cond IR No. 34.11	Prior to Construction	Complete			CER Filing ID C01961, Condition 72 Pipeline EPP, Section 7.0, Page: 19. CER Filing ID C06991, Condition 78 Facilities EPP, Section 6.0, Appendix D, Page: 6-2, Table D-1. CER Filing ID C08265, Condition 81 Westridge Marine Terminal EPP, Section 6.0, Appendix D, Page: 6-3, Table D-1.
3909	Environment	NEB	Trans Mountain commits to updating the Compliance Management Plan, Vol. 10 of the Environmental Plans, to reflect the terminology specified in this IR response and submit them to the NEB prior to construction.	NEB Cond IR No. 34.12	Prior to Construction	Complete	Superseded by CER Condition	72, 78, 81	Commitment addressed by CER Condition 72, CER Filing ID A90970, Condition 72 Compliance Management Plan, Terminology updated throughout Plan, Section 4.4 (footnote), Page: 26. The 2018 Rev 4 CMP was updated to reflect this terminology and was approved by the NEB. Trans Mountain notes that the 2019 Rev 5 version of this document was updated to outline current roles and responsibilities and refers to Condition 88 (Filing ID C03070). The 2019 Rev 5 ECMP further specifies that the field change process addresses minor modifications to specifications for environmental mitigations that have been previously approved for the Project that do not pose a significant risk to safety, security or protection of the environment.
3910	Environment	NEB	Trans Mountain commits to making the amendments identified in this IR response in the Spill Contingency Plan Section 11.4.3. of the Pipeline Environmental Protection Plan.	NEB Cond IR No. 34.8	Prior to Construction	Complete	Superseded by CER Condition	72	CER Condition 72 (Filing ID C01961) Pipeline EPP, Section 11.4.3 of Appendix B, Page: B-30 to B-31. This was revised in more recent versions of Condition 72 EPP (C20382 PDF 140) Section 11.4.3.
3911	Environment	NEB	Trans Mountain commits to consulting with the B.C. Ministry of Environment to determine if additional mitigation for the historical population of Vancouver Island Beggarticks is appropriate and, if so, what kind of mitigation would be appropriate.	NEB Cond IR No. 38.3	Prior to Construction	Complete	Superseded by CER Condition	40	Through Trans Mountain's CER Condition 40 Rare Ecological Community and Rare Plant Population Management Plan filing, Section 3.4.6 provides historical population information and plans going forward in any identified affected areas. (CER Filing ID A90904, PDF pg 25)
3912	Environment	NEB	Trans Mountain commits to updating and resubmitting the Rare Ecological Community and Rare Plant Population Management Plan, if additional mitigation is determined to be appropriate through consultation with the B.C. Ministry of Environment, for the historical population of Vancouver Island Beggarticks.	NEB Cond IR No. 38.3	Prior to Construction	Complete			CER Filing ID A90904, Rare Ecological Community and Rare Plant Population Management Plan, Appendix A, Appendix E, Page: A-10, A-12, E-18.
3915	Environment	NEB	Trans Mountain commits to implementing the mitigation measures listed in the Wildlife Species of Concern Discovery and Encounter Contingency Plan in the event that wildlife species of concern or habitat feature is discovered during construction.	NEB Cond IR No. 39.1	Prior to Construction	Complete	Superseded by CER Condition	78	Trans Mountain has implemented the Wildlife Species of Concern Discovery and Encounter Contingency Plan throughout the construction of the project. The Plan is provided through CER Condition 72 Pipeline EPP (C20382), Appendix B Section 14.1.2 (PDF 151), Appendix G and 78 Facilities EPP (CER Filing ID C06991) Appendix B Section 11.1.1 (PDF 134) and Condition 81 WMT EPP (C08265) Appendix B Section 9 (PDF 74)
3916	Environment	NEB	Trans Mountain commits to updating Appendix D: Resource-specific Mitigation Tables to reference all mitigation measures for wildlife as outlined in Section 6.0 of the Facilities Environmental Protection Plan (EPP).	NEB Cond IR No. 39.2	Prior to Construction	Complete			Condition 78, Facilities EPP, CER Filing ID C06991, Appendix D, Page: D-2 to D-9.

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3917	Environment	NEB	Trans Mountain commits to updating Appendix D: Resource-specific Mitigation Tables for Blackpool, Darfield, Black Pines and Kamloops pump stations to reference the Species of Concern mitigation measures for wildlife as outlined in Section 6.0 of the Facilities Environmental Protection Plan (EPP).	NEB Cond IR No. 39.3	Prior to Construction	Complete			Condition 78, Facilities EPP, CER Filing ID C06991, Appendix D, Page: D-5 to D-6.
3918	Environment	NEB	Trans Mountain commits to updating the Facilities Environmental Protection Plan (EPP) with a reference to the Traffic Control Plans for public roadways. Section 7.3 of the Facilities Environmental Protection Plan (EPP) will be updated.	NEB Cond IR No. 39.4	Prior to Construction	Complete			Statement referencing the Traffic Control Plans for public roadways was added to Section 6.0 (General Measures), not Section 7.3 of the Facilities EPP. Section 7.3 is applicable to clearing activities, and the Traffic Control Plans for Public Roadways will be adhered to throughout all phases of construction. Condition 78 Facilities EPP, CER Filing ID C06991, Section 6.0, Page: 6-6.
3919	Environment	NEB	Trans Mountain commits to updating the mitigation measures for Traditional Land Use (TLU) activities related to trapping, fishing, plant gathering, and trails and travelways specific to facilities construction activities, as warranted in the TLU Sites Discovery Contingency Plan as part of the Facilities Environmental Protection Plan (EPP) prior to construction.	NEB Cond IR No. 39.5	Prior to Construction	Complete			Commitment addressed by CER Condition 78, CER Filing ID C06991, Condition 78 Facilities EPP, Section 9.0 in Appendix B, Page: B-21 to B-23.
3921	Environment	NEB	Trans Mountain commits to updating Condition 78: Temporary Construction Lands and Infrastructure Environmental Protection Plan with any relevant information from NEB Information Request No. 25, Westridge Marine Terminal Environmental Protection Plan.	NEB Cond IR No. 39.7	Prior to Construction	Complete			Condition 78, Temporary Construction Lands and Infrastructure EPP, CER Filing ID A85826, Change Log Rev 2 outlines changes made for IR 25, Condition 78, Temporary Construction Lands and Infrastructure EPP Rev 4, CER Filing ID C05815, includes these updates.
3922	Environment	NEB	Trans Mountain commits to relocating the Horizontal Directional Drilling (HDD) Noise Management Plan to Section 2.0 of the Environmental Management Plans (Volume 6).	NEB Cond IR No. 40.1	Prior to Construction	Complete			HDD Noise Management Plan are now located in Section 2.9 of Volume 6 of the Environmental Plans.
3923	Environment	NEB	Trans Mountain commits to updating the Environmental Alignment Sheet (EAS) Guide to provide guidance for events where previously unidentified environmental features are encountered.	NEB Cond IR No. 40.11	Prior to Construction	Complete			CER Condition 72, CER Filing ID C00470 (Spread 1), EAS Notes, Page: 2. CER Filing ID C00475 (Spread 2), EAS Notes, Page: 2. CER Filing ID C05272 (Spread 3/4a), EAS Notes, Page: 2. CER Filing ID C03930 (Spread 4b), EAS Notes, Page: 2. CER Filing ID C04634 (Spread 5a), EAS Notes, Page: 2. CER Filing ID C05600 (Spread 5b), EAS Notes, Page: 2. CER Filing ID C03931 (Spread 7), EAS Notes, Page: 2.
3924	Environment	NEB	Trans Mountain commits to updating the Environmental Alignment Sheets with a coloured band to identify and differentiate between the areas Trans Mountain determined to have contamination present through intrusive sampling, areas of high risk for contamination, and areas of moderate risk for contamination.	NEB Cond IR No. 40.12	Prior to Construction	Complete			Condition 72, CER Filing ID C00470 (Spread 1), EAS Notes, Page: 2. CER Filing ID C00475 (Spread 2), EAS, Page: All. CER Filing ID C05272 (Spread 3/4a), EAS, Page: All. CER Filing ID C03930 (Spread 4b), EAS, Page: All. CER Filing ID C04634 (Spread 5a), EAS, Page: All. CER Filing ID C05600 (Spread 5b), EAS, Page: All. CER Filing ID C03931 (Spread 7), EAS, Page: All.
3925	Environment	NEB	Trans Mountain commits to updating the Environmental Alignment Sheets to accurately identify the location and ranges of the sites classified as having moderate and high risk of encountering contamination.	NEB Cond IR No. 40.13	Prior to Construction	Complete			Commitment addressed by Condition 72, CER Filing ID C00470 (Spread 1), EAS Notes, Page: 2. CER Filing ID C00475 (Spread 2), EAS, Page: All. CER Filing ID C05272 (Spread 3/4a), EAS, Page: All. CER Filing ID C03930 (Spread 4b), EAS, Page: All. CER Filing ID C04634 (Spread 5a), EAS, Page: All. CER Filing ID C05600 (Spread 5b), EAS, Page: All. CER Filing ID C03931 (Spread 7), EAS, Page: All.
3926	Environment	NEB	Trans Mountain commits to updating the Environmental Alignment Sheets to clearly identify the various contaminated sites located within the Coquitlam High Risk Area, and the areas where there is a risk for encountering asbestos or asbestos containing materials.	NEB Cond IR No. 40.14	Prior to Construction	Complete			Commitment addressed by Condition 72, CER Filing ID C03931 (Spread 7), RSMT, Section 8.3, Page: 43, EAS, Page: BC-019 to BC-022.
3927	Environment	NEB	Trans Mountain commits to updating the Groundwater Management Plan to clarify that contamination issues are not restricted to potentially contaminated shallow aquifers, rather contamination issues refer to the potential to encounter any contamination; and to clarify that sites with moderate or high risk of encountering contamination are listed in Condition 46.	NEB Cond IR No. 40.15	Prior to Construction	Complete			CER Condition 72, CER Filing ID C01961, Pipeline EPP, Section 4.2 in Appendix G, Page: G-70.
3928	Environment	NEB	Trans Mountain commits to updating the Wildlife Species of Concern Discovery and Encounter Contingency Plan with the following: "Upon discovery of a wildlife species of concern or habitat feature during construction, the following will occur."	NEB Cond IR No. 40.16	Prior to Construction	Complete			CER Condition 72, CER Filing ID C08263, Burnaby Mountain Tunnel EPP, Section 6.0 in Appendix B, Page: B-17.
3930	Environment	NEB	Trans Mountain commits to updating Section 8.0 of the Pipeline Environmental Protection Plan (EPP) to include mitigation measures under the "Species of Concern" heading in Section 7.0. Trans Mountain will update the Pipeline EPP with the following: "Refer to clearing and mowing mitigation provided under the Wildlife heading, and the Species of Concern heading of Section 7.0 of this EPP."	NEB Cond IR No. 40.2	Prior to Construction	Complete			CER Condition 72, CER Filing ID C01961, Pipeline EPP, Section 8.0, Page: 34.
3931	Environment	NEB	Trans Mountain commits to updating the Environmental Protection Plan (EPP) to include reference to habitat restoration measures proposed by Trans Mountain for wildlife and wildlife species at risk included in the Resource-specific Mitigation Tables, the Reclamation Management Plan, and specific Wildlife Species at Risk Mitigation and Habitat Restoration Plans.	NEB Cond IR No. 40.3	Prior to Construction	Complete			CER Condition 72, CER Filing ID C01961, Pipeline EPP, Section 13.3, Page: 74.
3932	Environment	NEB	Trans Mountain commits to updating the Reclamation Management Plan to include reclamation measures for American badger and to include soil compaction mitigation within critical habitat for each of American Badger and Townsend's mole. Reclamation measures will be added to Appendices D, E and G, and will be consistent with the soil compaction mitigation included in Sections 12 and 13 of the Pipeline EPP and the restoration measures specified in the American Badger Mitigation and Habitat Restoration Plan and the Townsend's Mole Mitigation and Habitat Restoration Plan (NEB Condition 44).	NEB Cond IR No. 40.4	Prior to Construction	Complete			Condition 72, CER Filing ID A86570, Condition 72 Reclamation Management Plan, Appendix D, E, G, Page: 21 (Appendix D), 41 (Appendix E), 20 (Appendix G).
3933	Environment	NEB	Trans Mountain commits to updating the Pipeline Environmental Protection Plan to include mitigation measures to reduce impacts of Project activities disturbing contamination on or around plant gathering sites (mitigation measures identified in the response to this IR).	NEB Cond IR No. 40.5	Prior to Construction	Complete			CER Condition 72, CER Filing ID C01961, Pipeline EPP, Section 7.0, Page: 21.

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3934	Environment	NEB	Trans Mountain commits to adding the mitigation described in a) of the IR response to the Fish Species of Concern Contingency Plan, Section 5.0 of Appendix B in the Pipeline Environmental Protection Plan.	NEB Cond IR No. 40.8	Prior to Construction	Complete			CER Condition 72, CER Filing ID C01961, Pipeline EPP, Section 5.0 in Appendix B, Page: B-15.
3935	Environment	NEB	Trans Mountain commits to updating the Water Quality Management Plan included in the Pipeline Environmental Protection Plan with the flow diagram to outline the rationale for implementing water quality monitoring (i.e., Figure 15.5-1 of NEB IR No. 15 Response).	NEB Cond IR No. 40.9	Prior to Construction	Complete			CER Condition 72, CER Filing ID C01961, Pipeline EPP, Section 8.2 in Appendix G, Page: G-148.
3936	Environment	NEB	Trans Mountain commits to updating the relevant environmental protection plans (EPPs) as warranted to include any new or changed mitigation measures included in Condition 41 - Wetland Survey and Mitigation Plan Rev 2.0.	NEB Cond IR No. 41.1	Prior to Construction	Complete	Superseded by CER Condition	41	Updates are provided through CER filings by Trans Mountain in Condition 72 (C20382) Appendix G and the RSMTs wetland surveys and mitigation plans. Through CER Condition 41, Trans Mountain provides revisions to the relevant environmental protection plans, Section 5.5 provides details on these measures (CER Filing ID A90909 PDF pg 40).
3937	Environment	NEB	Trans Mountain commits to completing the same wetland assessments method as described in Section 3.5 of the Wetland Survey and Mitigation Plan if new unknown wetlands are encountered. A Wetland Ecologist will complete the assessment.	NEB Cond IR No. 41.2-1a	During Construction	Complete	Superseded by CER Condition	41	Through Condition 41 filings (Filing ID A90909), Trans Mountain provided a wetland assessment method, which was utilized and conducted if new unknown wetlands were encountered. Assessments were conducted by a Qualified Resource Specialist, and overseen by a Wetland Ecologist.
3938	Environment	NEB	Trans Mountain plans to initiate development of the wildlife monitoring program during the early stages of the Project construction phase. Trans Mountain commits to filing the wildlife Post Construction Environmental Monitoring (PCEM) methods in accordance with NEB Condition 151. Baseline data collected for the Project between 2013 and 2017, and any supplemental data collected prior to or during construction, will form the basis of the wildlife monitoring.	NEB Cond IR No. 41.2-1d	Post-Construction Monitoring	Complete	Superseded by CER Condition	41	Trans Mountain initiated the wildlife monitoring program during the development of the CER Condition Plans where the measurable goals, targets and performance indicators were developed. Throughout construction, data was collected provided through the Living Resource Specific Mitigation Tables and the as-built spreadsheets confirming baseline information, identifying the mitigation measures and to inform the monitoring methods. Through Condition 151: Post-Construction Environmental Monitoring filings, wildlife monitoring data are provided for each Spread. Condition 151 PCEM for Spread 1 Year 1 Report (filing ID C28268), provides the monitoring methods used in Section 2.6 (PDF pg 20) . Wildlife monitoring methods are further outlined in Trans Mountain's Field Guide: Wildlife and Wildlife Habitat.
3939	Environment	NEB	Trans Mountain commits to making a sufficient effort to obtain and access the necessary wetland crossing materials and equipment on-site.	NEB Cond IR No. 41.2-6b	During Construction	Complete	Superseded by CER Condition	41	Commitment addressed by CER Condition 41 - Wetland Survey and Mitigation Plan (CER Filing ID A90909). Section 5.4 outlines that trenched crossing is the chosen method for crossing wetlands along the pipeline route (PDF Page 37). Table 16 states that where possible, Trans Mountain will make an effort to obtain and access the necessary materials and equipment onsite (PDF Page 39). Also see section 14.4 for the wetlands crossing in Condition 72 (C20832)
3940	Environment	NEB	Trans Mountain commits to pursuing opportunities to implement the wetland function enhancement measures (outlined in Section 5.7 of the Plan) off the Project Footprint during the construction phase of the Project, where feasible, to address temporary loss of wetland function as early as possible.	NEB Cond IR No. 41.3a	Project Lifecycle	Complete	Superseded by CER Condition	41	Trans Mountain did not find opportunities to implement wetland function enhancement measures during construction. See commitment 3943; Trans Mountain pursued in-lieu funding to offset temporary wetland loss.
3941	Environment	NEB	Where opportunities exist, Trans Mountain commits to endeavouring to utilize natural materials from the Project Footprint to enhance suitable locations off Project Footprint, within the same wetland.	NEB Cond IR No. 41.3a	During Construction	Complete	Superseded by CER Condition	41	Trans Mountain did not undertake any off-footprint wetland enhancement as it was never deemed viable to implement wetland function enhancement measures. Trans Mountain instead opted for providing funding via a third-party.
3942	Environment	NEB	Trans Mountain commits to maintaining offsets, where warranted, to ensure that offsets for loss of wetland function are effective for at least the duration of the functional loss caused by the Project.	NEB Cond IR No. 41.3b	During Construction	Complete	Superseded by CER Condition	41	Offset measures are described in Condition 41 Section 5.8 (Filing ID A90909-3, PDF Page 45), and are further described in Appendix E (Filing ID A90909-5, PDF page 131).
3943	Environment	NEB	In situations where the selected offsets are in the form of in-lieu funding for a third-party organization to implement wetland restoration/enhancement or protection, Trans Mountain commits to ensuring that funding is included for the necessary maintenance and monitoring, in line with the approach outlined in this IR response.	NEB Cond IR No. 41.3b	Project Lifecycle	Complete	Superseded by CER Condition	41	Wetland offset projects were funded in Alberta (Athabasca Watershed Council) and in BC (Simpco). Documentation is provided for Athabasca Watershed Council in the form of a proposal letter and monitoring plan. Documentation is provided for Simpco in the form of an original project proposal and an update email.
3945	Environment	NEB	Trans Mountain commits to updating the NEB on any feedback received on the Environmental and socio-economic assessment - s.58 temporary construction lands and infrastructure (Condition 60) in an addendum to Condition 60, if required.	NEB Cond IR No. 42.2	During Construction	Complete			Condition 96, CER Filing ID A92639, Reports on Engagement with Aboriginal Groups - Construction, Appendix A.
3946	Environment	NEB	Trans Mountain commits to completing vegetation surveys prior to construction where the recommendation has been provided in the June 2017 filing of Condition 60, and additional mitigation measures will be implemented as warranted.	NEB Cond IR No. 42.4	Prior to Construction	Complete			Vegetation surveys completed at Valemount Camp/Stockpile/Office /Yard (VAL026.1), Blue River Camp (BLU007), Kamloops Camp (KAM012), Merritt Camp (MERO15) on August 24 to 27, 2018. Vegetation surveys were completed at Valemount (VAL028) on June 18, 2019, and Blue River Camp on September 9, 2018. Grasslands Surveys at Chutter Ranch (MERO15) were completed May 13 to 16, 2019.
3947	Environment	NEB	Trans Mountain commits to submitting an updated table that considers the likelihood of encountering contamination and the associated risk, as well as any additional mitigation to reduce the potential effects of disturbing the contamination during Project activities, in September 2017. This table will include the ranking of temporary sites by risk category.	NEB Cond IR No. 42.5	Prior to Construction	Complete			Condition 60, CER Filing IS A85798, Condition 60 Environmental and Socio-Economic Assessment, Section 4.15, Page: 4-24 to 4-25.
3948	Environment	NEB	In order to reduce the potential effects of disturbing contaminated soils during project activities, Trans Mountain commits to providing contractors with a site plan showing areas of potential	NEB Cond IR No. 42.5	Prior to Construction	Complete			The contractor confirms that the Phase 1 Liability Assessments for Temporary Construction Lands and Infrastructure Sites have been received.

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			concern for high and moderate risk sites for the applicable temporary work spaces in Spreads 1 and 2.						
3949	Environment	NEB	Trans Mountain commits to updating the relevant Environmental Protection Plans (EPP) with any new mitigation or restoration measures as required, including the Condition 71 Riparian Habitat Management Plan.	NEB Cond IR No. 42.6	Prior to Construction	Complete	Superseded by CER Condition	60	Trans Mountain provides updates to CER Condition 72 (Filing ID C20382) Appendix G where mitigation and restoration updates on riparian habitats are provided. Additionally, CER Condition 60(f), see example of Condition 60 filed for O'hamil Temporary Accommodation Site, Section 4.0 (CER Filing ID C15465 PDF pg 9)
3950	Environment	NEB	Trans Mountain commits to incorporating all commitments made in the responses to NEB Condition IR No. 20, including the commitments made in references i) and ii) of that response, as well as any new commitments made in the response to this IR, into the Commitments Tracking Table, pursuant to Condition 6.	NEB Cond IR No. 45.3	Prior to Construction	Complete			Condition 46, Contamination Identification and Assessment Plan, CER Filing ID A84813, Response to IR No. 20 CER Filing ID A90938, Response to IR No. 45. Updated plans incorporate the changes requested in IR No. 20 and IR No. 45.
3951	Environment	NEB	Trans Mountain commits to following the NEB Remediation Process Guide in the instance the contamination is attributable to their construction activities or a discovery of historical Trans Mountain contamination.	NEB Cond IR No. 20.1.6	During Construction	Complete	Superseded by CER Condition	46	Commitment addressed via Condition 46 - Contamination Identification and Assessment Plan which confirms Trans Mountain will adhere to the NEB Remediation Process Guide (Filing ID A82636, PDF Page 5). Mitigation measures pertaining to contamination can be found in Condition 72, Appendix G, Section 3.2.2.2 (Filing ID C20382, PDF Page 328).
3953	Environment	NEB	Trans Mountain commits to ensuring that all relevant information from the revised Contamination Identification and Assessment Plan (Condition 46) will be incorporated into the Project Environmental Protection Plans.	NEB Cond IR No. 45.2	Prior to Construction	Complete	Superseded by CER Condition	46	Trans Mountain provides information on the Contamination Identification and Assessment Plan in Condition 72 Appendix G Section 3.2 in the July 2022 filing (CER Filing ID C20382 PDF pg 317). Commitment addressed by CER Condition 46, CER Filing ID A90938, Condition 46 Contamination Identification and Assessment Plan, Section 1.0, Page: 1.
3954	Environment	NEB	Trans Mountain commits to including a summary of the assessments of the temporary construction lands and infrastructure once completed, in NEB Condition Plan 60.	NEB Cond IR No. 45.4	Prior to Construction	Complete			Condition 60, CER Filing ID A85227, Condition 60 Environmental and Socio-Economic Assessment, Section 4.15.3 (Table 8), Page: 4-26 to 4-30.
3955	Environment	NEB	Trans Mountain commits to reporting to the Board contamination that is encountered during construction, regardless of the source.	NEB Cond IR No. 45.5	During Construction	Complete	Superseded by CER Condition	46	Commitment addressed via Condition 46 - Contamination Identification and Assessment Plan, see Section 6.3 which outlines information gathered and reported on in any areas where contamination is encountered during construction (Original Filing ID A82636, PDF Page 32). Mitigation measures pertaining to contamination can be found in Condition 72, Appendix G, Section 3.2.2.2 (Filing ID C20382, PDF Page 328).
3956	Environment	NEB	Trans Mountain commits to notifying water well owners if contamination is discovered during construction within 150 m of a water well identified in Condition 93.	NEB Cond IR No. 45.5	During Construction	Complete	Superseded by CER Condition	46	Commitment addressed via Condition 93 - Water Well Inventory, which identifies the locations of water supply wells within 150m of either side of the pipeline right of way (CER Filing ID A84458). Additionally, see Section 6.2 of Condition 46 - Contamination Identification and Assessment Plan which states that should impacts occur to soil, groundwater, vapour, or sediments, owners of said areas will be contacted (Original Filing ID A82636, PDF Page 32). Note that mitigation measures pertaining to contamination can be found in Condition 72, Appendix G, Section 3.2.2.2 (Filing ID C20382, PDF Page 328).
3957	Environment	NEB	Trans Mountain commits to updating the Contamination Identification and Assessment Plan (Condition 46) should any exemptions be obtained.	NEB Cond IR No. 45.7	During Construction	Complete			No exemptions from BC MOE for specific parameters at S&R Sawmills and the City of Surrey were sought, therefore no update to the Condition 46 Contamination Identification and Assessment Plan was required.
3958	Environment	NEB	Trans Mountain commits to disseminating to the appropriate Project personnel and contractors any updates to the Contamination Identification and Assessment Plan (Condition 46) that result from an exemption.	NEB Cond IR No. 45.7	During Construction	Complete			No exemptions from BC MOE for specific parameters at S&R Sawmills and the City of Surrey were sought, therefore no update to the Condition 46 Contamination Identification and Assessment Plan (CIAP) were required. The CIAP was transmitted to the Contractor via Trans Mountain's Document Control System (PIMS) in the Updated Pipeline EPP (CER Filing ID C20382).
3959	Environment	NEB	Trans Mountain commits to incorporating locations where there is a higher likelihood of encountering contaminated groundwater into Tables 3 and 4 of the Contamination Identification and Assessment Plan (Condition 46) as applicable.	NEB Cond IR No. 45.8	Prior to Construction	Complete			Condition 46, Contamination Identification and Assessment Plan, CER Filing ID A90938, Table 3 and Table 4, Page: 11 to 13, 14 to 15.
3961	Environment	NEB	Trans Mountain commits to updating the relevant Environmental Protection Plan(s) based on any additional feedback received on the Traditional Land Use and Traditional Marine Resource Use Investigation Report (Condition 97).	NEB Cond IR No. 46.3	Prior to Construction	Complete	Superseded by CER Condition	97	Trans Mountain through the NEB Certificate OC-065, within Condition 97 e) provides its commitment to provide updates to relevant Environmental Protection Plan(s) when mitigation measures are updated (Condition 97 A85811 Filed on September 1, 2017) CER Conditions 72, 78, and 81 are Environmental Protection Plans that would be affected by any updates to mitigation measures. Condition 72 (C20382) Section 1.3 para 2 and 3 Condition 72 (C00470) Section 3.0 Condition 78 (C06991) Appendix D and E Condition 81 (C08265) Section 1.3, Appendix D and E Condition 100 (C01853) Heritage Resources and Sacred and Cultural Sites Plan - Table 4-1 (PDF pg 14)
3963	Environment	NEB	Trans Mountain commits to using functional score in year 1 and not functional category, similar to years 3 and 5, of post-construction environmental monitoring (PCEM), to determine the need for offsets for temporary loss of wetland functions due to Project construction where the Federal Policy on Wetland Conservation (FPWC) applies.	NEB Cond IR No. 50.1a	Post-Construction Monitoring	Complete	Superseded by CER Condition	41, 44, 151	Trans Mountain surveyed along the pipeline ROW prior to construction, reporting the findings in multiple Condition 44 filings. Through Condition 151 Post Construction Environmental Monitoring program by way of the wetlands field guide, Trans Mountain details the performance of the mitigation measures.
3964	Environment	NEB	Trans Mountain commits to updating the relevant environmental protection plans (EPPs) as necessary to reflect the changes in response to NEB Condition IR No. 50.1(a).	NEB Cond IR No. 50.1b	Prior to Construction	Complete	Superseded by CER Condition	41	Trans Mountain has updated the Environmental Protection Plans as per CER Condition 41 (Filing ID A90909) filed on March 28, 2018.

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3967	Environment	NEB	Trans Mountain commits to advising the Canadian Hydrographic Service (CHS) and Vancouver Fraser Port Authority (VFPA) of the locations of the marine fisheries habitat offset area once complete, for inclusion to the applicable navigation charts as determined by the CHS.	NEB Cond IR No. 9.4c	During Construction	Complete	Superseded by CER Condition	48	Trans Mountain has advised Vancouver Fraser Port Authority (VFPA) and the Canadian Hydrographic Service (CHS) on the locations of completed marine fisheries habitat offset areas for inclusion to the applicable navigation charts, as per Condition 48 (Filing ID A90948).
3976	Environment	NEB	Trans Mountain commits to conducting in-water impact pile driving at the Westridge Marine Terminal (WMT) during daylight hours only.	NEB Cond IR No. 25.7a	During Construction	Complete	Superseded by CER Condition	81	Trans Mountain through Condition 81, Section 8.0 line 34 confirms in-water impact-hammer pile driving occur in daylight hours only (Filing ID C08265).
3977	Environment	NEB	Trans Mountain commits to the Environmental Inspector arranging for in situ sampling of turbidity (nephelometric turbidity units), should visual monitoring during in-water pile installation at the Westridge Marine Terminal (WMT) indicate concern regarding turbidity levels.	NEB Cond IR No. 25.7c	During Construction	Complete	Superseded by CER Condition	81	Trans Mountain through Condition 81, Section 8.0 paragraph 45 that this commitment is met (Filing ID C08265).
3978	Environment	NEB	Trans Mountain commits to developing an appropriate site-specific health and safety plan to address worker and public protection when working in and around the landfill and exposure to solid waste, landfill gas and leachate and associated contaminants of concern, at the Former Fraser Mills site and Coquitlam Landfill. Site-specific plans will be filed with NEB 2 months prior to construction in the area of the high risk site.	NEB Cond IR No. 1.19c	Prior to Construction	Complete	Superseded by CER Condition	72	CER Filing ID C08975, Condition 46 Site-Specific Management Plan – Coquitlam Industrial Area, Section 8.0, Page: 33.
4003	Environment	NEB	Trans Mountain will engage a qualified arborist to develop a Tree Plan specific to municipal lands directly impacted by the pipeline construction, in Spread 2. Trans Mountain will ensure this plan will identify the species and number of trees to be removed from the construction right-of-way. Trans Mountain will ensure it will be provided to the City or Municipality, and will be used to develop details of the Reclamation Plan in consultation with the City and landowners.	NEB IR No. 6.12	Prior to Construction	Complete			Tree Management Plans were prepared and submitted to municipalities on August 10, 2018 for Edson, Parkland County, Spruce Grove, Stony Plain and Wabamun.
4004	Environment	NEB	Trans Mountain will engage a qualified arborist to develop a Tree Plan specific to municipal lands directly impacted by the pipeline construction, in Spread 1. Trans Mountain will ensure this plan will identify the species and number of trees to be removed from the construction right-of-way. Trans Mountain will ensure it will be provided to the City or Municipality, and will be used to develop details of the Reclamation Plan in consultation with the City and landowners.	NEB IR No. 6.12	Prior to Construction	Complete			Tree Management Plan (KP 42 – 43) pt. NE¼ Sec. 19, Twp. 52, Rge. 25, W4M Guardian Road NW and Whitemud Drive NW (City of Edmonton) was prepared in July 2020.
4005	Environment	NEB	Trans Mountain will engage a qualified arborist to develop a Tree Plan specific to municipal lands directly impacted by the pipeline construction, in Spread 6. Trans Mountain will ensure this plan will identify the species and number of trees to be removed from the construction right-of-way. Trans Mountain will ensure it will be provided to the City or Municipality, and will be used to develop details of the Reclamation Plan in consultation with the City and landowners.	NEB IR No. 6.12	During Construction	Complete			Trans Mountain worked with communities along the pipeline route to develop tree plans in accordance with the requirements of each community. Specifically, a Reclamation Planting Plan was developed with the City of Abbotsford, in which areas and species composition for said areas that will be removed and replaced throughout reclamation are identified. A finalized version incorporating the City's feedback is in final stages and is targeted to be completed in the near future. Trans Mountain developed the tree plans using professional Foresters and Biologists.
4015	Environment	NEB	Trans Mountain commits to completing additional weed surveys in Lac du Bois Grasslands Protected Area.	NEB Cond IR No. 33.1	Prior to Construction	Complete			Weed surveys were complete in Lac Du Bois Grasslands Protected Area. Information for weed surveys has been combined into a shapefile, and has been added into the weeds database.
4016	Environment	NEB	Trans Mountain commits to entering Project weed survey data in the BC Invasive Alien Plant Program (IAPP) weed survey database on or before December 31st of each survey year.	NEB Cond IR No. 33.1	Project Lifecycle	Complete	Superseded by CER Condition	45	Trans Mountain collected Project weed survey and entered the data into the BC Invasive Alien Plant Program (IAPP) weed survey database on or before December 31st of each survey year. This is addressed in condition 45 filings (Filing ID A86546).
4017	Environment	NEB	Trans Mountain commits to restricting herbicide use on Ministry of Transportation and Infrastructure lands to invasive plant management only.	NEB Cond IR No. 33.1	Project Lifecycle	Complete	Superseded by CER Condition	45	Trans Mountain's filing of Condition 45 - Weed and Vegetation Management Plan (Filing ID A86546) confirms Trans Mountain utilizes an Integrated Vegetation Management Plan, with the goal of restricting use of herbicides and facilitate a better management of invasive plants (Section 1.6, PDF Page 14).
4018	Environment	NEB	Trans Mountain commits to conducting treatments in accordance with the relevant regional Multi-Agency Pest Management Plan for Crown land.	NEB Cond IR No. 33.1	Project Lifecycle	Complete			As part of the Integrated Vegetation Management Plan (IVMP) for BC, Trans Mountain provides direction to conducting treatments in accordance with the relevant regional Multi-Agency Pest Management Plan for Crown land.
4019	Environment	NEB	Trans Mountain commits to entering all treatment work conducted on Ministry of Transportation and Infrastructure lands in the BC IAPP treatment database on or before December 15th of each year treatments are completed.	NEB Cond IR No. 33.1	Project Lifecycle	Complete	Superseded by CER Condition	45	Herbicide treatments that occurred on BC Ministry of Transportation and Highways (MOTI) lands had been entered into the BC IAPP treatment database on or before December 15th of each survey year. This is addressed in condition 45 filings (Filing ID A86546).
4020	Environment	NEB	Trans Mountain commits to updating the Wildlife Conflict Management Plan (Section 6.5 of Volume 6 of the Environmental Plans) prior to construction, with the contact information as identified in the IR response (i.e., Grizzly Bear Sightings Hotline).	NEB Cond IR No. 33.1	Prior to Construction	Complete			Condition 72, Wildlife Conflict Management Plan, CER Filing ID A90966, Appendix D, Page: D-1.
4490	Environment	NEB	Trans Mountain commits to monitoring the spawning deterrents at each of the sites where installed, to ensure that the deterrents do not shift during open water flows (Spread 3).	NEB Cond IR No. 15.1b	During Construction	Complete			Trans Mountain monitored the spawning deterrents that were installed for Spread 3 to ensure shifting during open water flows did not occur.
4491	Environment	NEB	Trans Mountain commits to monitoring the spawning deterrents at each of the sites where installed, to ensure that the deterrents do not shift during open water flows (Spread 5B)	NEB Cond IR No. 15.1b	During Construction	Complete			Monitoring reports have been completed by the Resource Specialist for Karen Creek and Fallslake Creek where spawning deterrents were installed.
4492	Environment	NEB	Trans Mountain commits to monitoring the spawning deterrents at each of the sites where installed, to ensure that the deterrents do not shift during open water flows (Spread 6).	NEB Cond IR No. 15.1b	During Construction	Complete			No spawning deterrents were installed on Spread 6, therefore no monitoring was required.
4496	Environment	Landowner - Little Fort Herefords	Trans Mountain commits to working with Little Fort Herefords to develop a comprehensive and detailed plan to address the restoration seeding requirements for the lands, but also all aspects of	Transcript Volume 1 (para 839), A90423	During Construction	Complete			Trans Mountain through discussions with Little Fort Herefords, has developed a comprehensive and detailed reclamation plan, additionally a private land

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			mitigating concerns of Little Fort Herefords specific to access, irrigation and construction reclamation.						agreement has been approved by both parties.
4500	Environment	Landowner - Nestlé Waters Canada Inc.	Trans Mountain commits to working closely with the Landowner on the design and execution of water quality monitoring at the aquifer access point. However, in the event that potential effects may occur, Trans Mountain has developed mitigation measures to reduce the potential effects of pipeline construction on groundwater indicators.	Trans Mountain Pipeline ULC – Detailed Route Written Evidence (para 29) – Nestlé Waters Canada (A6A9D1)	Project Lifecycle	Complete			Trans Mountain received approval of the Site-Specific Monitoring Plan (SSMP) from Nestle Canada Inc on May 28, 2021.
4515	Environment	NEB	Trans Mountain commits to monitoring the effectiveness of spawning deterrents within spread 2 to confirm success.	NEB Cond IR No. 15.1b	During Construction	No Longer Applicable			DFO requested no spawning deterrents be used in Spread 2.
4516	Environment	NEB	Trans Mountain commits to monitoring the effectiveness of spawning deterrents within spread 3 to confirm success.	NEB Cond IR No. 15.1b	During Construction	Complete			The effectiveness of the spawning deterrents installed were monitored and reported through DFO memo.
4519	Environment	Simpw First Nation	Aboriginal monitors will be invited to attend kick-off meetings (Spread 4A).	SIMPW F N IR No. 1.149a	Prior to Construction	Complete			Proof of completion will be the attendance records for the kick-off meetings.
4520	Environment	NEB	Trans Mountain commits to monitoring the effectiveness of spawning deterrents within spread 5B to confirm success.	NEB Cond IR No. 15.1b	During Construction	Complete			Monitoring reports are provided by the Resource Specialist for Karen Creek and Fallslake Creek for the installed spawning deterrents and its effectiveness.
4521	Environment	Landowner - Hugh David Gray, Barbara Ann Gray	Trans Mountain commits to clearing woody vegetation only to the extent required to safely construct the TMEP to reduce the loss of forest values and limit the potential for terrain instability and erosion.	Detailed Route Hearing, Written Evidence pg. 23	During Construction	Complete	Superseded by CER Condition	72	Engagement with the landowner on clearing measures has been completed, and the landowner has agreed to the site specific reclamation plan.
4525	Environment	Landowner - Hugh David Gray, Barbara Ann Gray	Trans Mountain commits to adhering to the reclamation measures included in the Site-Specific Reclamation Plan. If a reasonable solution between the parties cannot be reached, Trans Mountain will follow the reclamation procedures prescribed in the Pipeline EPP and the Reclamation Management Plan attached as Appendix H to the Pipeline EPP.	Detailed Route Hearing, CER IR No. 1.3	Post-Construction Monitoring	Complete	Superseded by CER Condition	72	A site-specific reclamation plan has been prepared by McTavish dated August 2021 for the Gray's land. Per Landowner agreement, "The Company will adhere to the Site Specific Reclamation Plan dated August 24, 2021, that has been developed for the Lands."
4527	Environment	Landowner - Hugh David Gray, Barbara Ann Gray	In relation to the walking path, Trans Mountain commits to establishing understory vegetation (native shrubs) of the same species that are presently found on the Lands. Trans Mountain will provide a vegetative buffer along the south side of the walking path to ensure visual screening to the neighboring lands south of the Lands.	Detailed Route Hearing, CER IR No 1.3	Post-Construction Monitoring	Complete			A site-specific reclamation plan has been prepared by McTavish dated August 2021 for the Gray's land. Appendix II provides specific details for the walking path. Per Landowner agreement, "The Company will adhere to the Site Specific Reclamation Plan dated August 24, 2021, that has been developed for the Lands."
4530	Environment	Landowner - Robin Scory	Trans Mountain commits to implementing mitigation measures to protect water quality and quantity at watercourse crossings, including Turkey Brook Creek. A detailed list of mitigation measures for watercourse crossings is provided at Section 14 of the Pipeline EPP ("Water Crossings").	Detailed Route Hearing, Written Evidence (para 36)	During Construction	Complete	Superseded by CER Condition	43, 72	Through Condition 72 filings (Filing ID C20382), Trans Mountain provides details of mitigation measures at watercourse crossings. A Watercourse Crossing Inventory is provided through Condition 43 filings (Filing ID C20507) which includes Turkey Brook Creek (Appendix B).
4531	Environment	Landowner - Robin Scory	Trans Mountain commits to using bio-degradable hydraulic oil for equipment performing instream construction.	Detailed Route Hearing, Written Evidence (para 52)	During Construction	Complete	Superseded by CER Condition	72	Trans Mountain has confirmed with both GCC's the use of biodegradable hydraulic fluid. Condition 72 (CER Filing ID C20382) Section 14.1 #36 Equipment (PDF pg 87) also provides details on the mandatory use of biodegradable hydraulic fluids.
4532	Environment	Kwikwetlem First Nation	Trans Mountain will continue to meet with the Kwikwetlem Indigenous Monitor to address issues that may arise with the intent of seeking continuous improvement and best practices in the working relationship, and the Trans Mountain Indigenous Monitoring Program.	Joint Federal/Provincial Consultation and Accommodation Report for Trans Mountain Expansion Project - May 2019, Appendix Kwikwetlem First Nation	During Construction	Complete	Superseded by CER Condition	98	Commitment addressed by CER Condition 98 - Plan for Indigenous Group Participation in Construction Monitoring (CER Filing ID C00105). See Section 4.5.2 for a description of the role of an Indigenous Monitor (PDF Page 23). Trans Mountain has a Communications Protocol in place with Kwikwetlem First Nation (KFN) as part of their mutually-agreed Indigenous Monitoring Agreement which commits to joint meetings with KFN IM, KFN and Trans Mountain as requested by the KFN IM.
4543	Environment	Landowner - Redwoods Golf Course Ltd. (Redwoods)	Trans Mountain commits to using minimal workspace for construction within the Golf Course. Soils will be stockpiled off-site where possible to minimize required workspace. Access mats will be used on fairway areas to reduce topsoil disturbance, where possible.	Detailed Route Hearing, Written Evidence (para 26)	During Construction	Complete			Access mats were used for construction within the Golf Course which provided minimal workspace and allowed for no disturbance.
4544	Environment	Landowner - Redwoods Golf Course Ltd. (Redwoods)	Trans Mountain commits to filing a table of updated proposed cleaning station locations for Spread 7A prior to construction, pursuant to Certificate Condition 72.	Detailed Route Hearing, IR No. 2.15, pg. 13	Prior to Construction	Complete			CER Filing ID C13453, Condition 72 Pipeline EPP - Biosecurity Management Plan: Spread 7 – Location of Biosecurity Cleaning Stations. Document submission addresses this commitment.
4545	Environment	Landowner - Redwoods Golf Course Ltd. (Redwoods)	Trans Mountain commits to adding a Level 1 cleaning station at the entrance to the Lands for all topsoil handling equipment, which will involve the removal of soil and vegetative debris using tools such as shovels, air chisels, brooms, wire brushes or scrapers.	Detailed Route Hearing, IR No. 2.14, pg. 13	During Construction	Complete			Cleaning station has been added to the Condition 72 Biosecurity Cleaning Station list.
4549	Environment	Landowner - Redwoods Golf Course Ltd. (Redwoods)	Trans Mountain commits to having Environmental Inspectors in place during construction to ensure environmental protection measures are implemented as needed and as committed to.	Detailed Route Hearing, Written Evidence (para 9)	During Construction	Complete			An experienced and knowledgeable Environmental Inspection team is present during construction not only at Redwoods Golf Course, but throughout the Project (Condition 72 Environmental Compliance Management Plan - A7A0Q4 - PDF pg 29)

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4551	Environment	Simpchw First Nation	Aboriginal monitors will be invited to attend kick-off meetings (Spread 4B).	SIMPCW F N IR No.1.149a	Prior to Construction	Complete			Proof of completion is the attendance records for the kick-off meetings.
4552	Environment	Simpchw First Nation	Aboriginal monitors will be invited to attend kick-off meetings (Spread 5A).	SIMPCW F N IR No. 1.149a	Prior to Construction	Complete			Proof of completion is the attendance records for the kick-off meetings.
4557	Environment	Sto:lo Collective	If clearing in Old Growth Management Areas (OGMAs) within the S'ólh Téméxw becomes an approved construction requirement, Trans Mountain will discuss Sto:lo's desire to salvage cedar with the OGMA regulator and the terms for commercial harvest will be negotiated (Spread 6).	Sto:lo Collective Recommendation #29	Prior to Construction	No Longer Applicable			No OGMA are encountered in Spread 6. Condition 72, CER Filing ID C03931, Spread 7 RSMT, Section 5.2.
4559	Environment	Landowner - Christine Bloom, Landowner - City of Chilliwack, Landowner - Rudolf Enns	Trans Mountain acknowledges that recent restoration and habitat work has taken place in the Browne Creek Wetlands area, however the Project construction footprint will not affect this restoration work. Trans Mountain commits that any impacts to Browne Creek Wetlands area will be restored to existing or better conditions, as practical.	Detailed Route Hearing Landowner Bloom, Reply Evidence (para 39); Detailed Route Hearing Landowner Enns, Written Evidence (para 24) (A93703); Detailed Route Hearing Written Evidence Landowners City of Chilliwack, WaterWealth (para 24) (A93714)	Post-Construction Monitoring	Complete			Trans Mountain performed a trenchless crossing method in the Browne Creek wetlands area. The only construction activity within the Browne Creek Wetlands area was clearing and matting for access and installation/removal of a temporary bridge across the creek. Reclamation and revegetation has been implemented to restore the conditions of the area in accordance with Trans Mountain's Reclamation Management Plan.
4564	Environment	Landowner - Yarrow Ecovillage	Trans Mountain commits to having on-site inspection and monitoring completed by a Professional Agrologist on the Lands during construction to ensure that appropriate soil handling protocols are implemented. Topsoil will be set aside and will not be mixed with subsoil. Where subsoil is found in distinct layers, these layers will be separated using a three-lift process.	Detailed Route Hearing, Supplemental Evidence (para 21)	During Construction	Complete			McTavish Professional Agrologists were onsite during construction as documented by the daily field reports, which also document activities regarding topsoil and subsoil.
4567	Environment	Landowner - Yarrow Ecovillage	Trans Mountain commits to having resource specialists and reclamation crews assist in 1) the execution of construction mitigation measures 2) the additional plantings and seeding after final clean-up.	Detailed Route Hearing, Reply Evidence (para 16)	Project Lifecycle	Complete			Trans Mountain had a Professional Argologists onsite during construction activities assisting in construction mitigation measures. Through OC-65 Condition 151, Trans Mountain's post-construction environmental monitoring for Spread 6 will provide planting management and seeding details for final clean-up and restoration activities. Trans Mountain is required to file this PCEM report in January 2027.
4568	Environment	Landowner - Yarrow Ecovillage	Trans Mountain commits to storing stripped topsoil in low windrows and managing the topsoil piles to prevent deterioration of the soil fauna. Support from the resource specialist may be warranted during topsoil salvage and stockpiling. Trans Mountain commits to consulting the landowner agreement regarding preferred soil storage locations, if applicable.	Detailed Route Hearing, Response to CER IR No. 2.1	During Construction	Complete		Condition 72	Agricultural Management Plan, in Appendix G of the Pipeline EPP (CER Filing ID C01961)
4576	Environment	Landowner - City of Chilliwack	Trans Mountain commits to conducting a field verified survey of water wells and springs, and testing select water wells and springs prior to pipeline construction.	Detailed Route Hearing, Written Evidence (para 11)	Prior to Construction	Complete		93	Through Condition 93 (CER Filing ID A84458) Trans Mountain filed an inventory of physically verified ("ground-truthed") water wells that are within 150 metres of either side of the centre of the pipeline right-of-way. This list is maintained and updated by Trans Mountain. There were no water wells or springs identified in a field survey completed for the relevant tracts in Spread 6.
4587	Environment	Landowner - Yarrow Ecovillage	Trans Mountain commits that 1) grading will be reduced along the pipeline construction footprint within riparian habitat buffers where ground conditions are able to support equipment traffic without rutting or mixing soils 2) a resource specialist and Environmental Inspector will consider soil texture in the process of evaluating clearing and grading within the riparian habitat buffer 3) litter and topsoil salvage methods will be implemented to revegetate riparian habitat.	Detailed Route Hearing, Reply Evidence (para 16)	During Construction	Complete			Stewart Slough (BC-722) was constructed using a trenchless method. There was no disturbance to the riparian area during construction. The Site Specific Watercourse Crossing Execution Plan for Yarrow Ecovillage states that clearing or grading cannot be executed within the vegetated riparian buffer zone (with the exception of being along the work side of a temporary vehicle crossing). Crossing at this location was completed on July 21, 2023.
4595	Environment	CER, Coldwater Indian Band	Trans Mountain commits to completing an archaeological impact assessment in a given area prior to the commencement of construction along the West Alternative Route.	Coldwater Western Alternative Route, Variance Application, Reply Evidence pg. 14	Prior to Construction	Complete			The Archaeological Impact Assessment (AIA) and Archaeological Construction Monitoring is complete.
4596	Environment	CER, Nlaka'pamux Nation Tribal Council (NNTC)	Trans Mountain commitment to avoiding archaeological sites and features as a first course of action. In the event a site cannot be avoided, appropriate mitigations will be implemented, and all required BC FLNRORD Archaeology Permits will be obtained prior to work commencing at that site.	Coldwater Western Alternative Route, Variance Application, Final Argument, Appendix A, pg. 6	During Construction	Complete			An Archaeological Impact Assessment was completed along the West Alternative Route (CER Filing ID C15198) of sites that have been avoided.

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4597	Environment	CER, Nlaka'pamux Nation Tribal Council (NNTC)	Trans Mountain has provided information on planned 2021 supplemental surveys and methods for Nlaka'pamux Nation Tribal Council's review. Trans Mountain commits to inviting NNTC and other Indigenous participants for the field programs.	Coldwater Western Alternative Route, Variance Application, Final Argument, Appendix A, Recommendation #6	Prior to Construction	Complete			Email communications between NNTC and Trans Mountain. Communication records include an invitation to NNTC to accompany field crews for wildlife work and archaeology work, as well as the field methods. Note that some of the communications are confidential. Communication records will be included in CER Condition 96.
4598	Environment	CER, Nlaka'pamux Nation Tribal Council (NNTC)	Trans Mountain commits to conducting opportunistic breeding bird point count surveys alongside other wildlife field work that will be conducted in areas outside of Williamson's sapsucker critical habitat in June 2021 to collect information on the presence of breeding bird species (particularly songbirds) in these areas. Breeding point count surveys will be conducted according to BC Provincial Guidelines.	Coldwater Western Alternative Route, Variance Application, Final Argument Appendix A, Recommendation #9	Prior to Construction	Complete			Wildlife surveys were completed along the Coldwater Reroute for Western Screech Owl from March 12 to March 18, April 13 to April 18 and May 11 to May 14, 2021 for Williamson Sapsucker from May 21 to June 14, 2021, and for Lewis' Woodpecker from July 8 to July 11, 2021. During these wildlife surveys, chance finds for breeding birds, song birds and potential habitat were noted.
4599	Environment	CER, Nlaka'pamux Nation Tribal Council (NNTC)	Trans Mountain commits to reviewing Nlaka'pamux Nation Tribal Council's (NNTC) edits and comments for incorporation into the Environmental Field Guides. The revised Environmental Field Guides will be provided to NNTC, and if applicable, other Indigenous groups along with rationale where any edits or comments were not incorporated.	Coldwater Western Alternative Route, Variance Application, Final Argument, Appendix A, pg. 10	Prior to Construction	Complete			Proof of completion are communication records with NNTC on the Environmental Field Guides. These will also be provided in Condition 96 where communication records are not confidential.
4600	Environment	CER, Nlaka'pamux Nation Tribal Council (NNTC)	Trans Mountain commits to updating mitigating measures if any raptor stick nests are identified during supplemental surveys. The pre-construction field program (including pre-construction surveys, flagging and staking and environmental walk-throughs) will be conducted by Resource Specialists. The pre-construction program will provide multiple opportunities for Resource Specialists to identify and document features for mitigation, including raptor nests.	Coldwater Western Alternative Route, Variance Application, Final Argument, Appendix A, Recommendation #9	Prior to Construction	Complete			Environmental Specialists identified areas within the Coldwater West Alternative Route where the staking/flagging program occurred. Any nests identified have been handled using the pre-construction mitigation measures.
4601	Environment	CER, Nlaka'pamux Nation Tribal Council (NNTC)	Trans Mountain commits to updating the Environmental Alignment Sheets and Resource-Specific Mitigation Tables for the Coldwater West Alternative with the correct soil classification information.	Coldwater Western Alternative Route, Variance Application, Final Argument, Appendix A, pg. 29	Prior to Construction	Complete			CER Condition 72, Coldwater West Alternative Route, CER Filing ID C14992.
4602	Environment	CER, Coldwater Indian Band	Trans Mountain commits to submitting Noise Management Plans that address the details specified by Condition 74 for both West Alternative Coldwater River Crossings (#1a and #2) in response to Coldwater's request.	Coldwater Western Alternative Route, Variance Application, Reply Argument, Appendix A, pg. 3	Prior to Construction	Complete			Condition 74 Filing, July 30, 2021 (C14296)
4603	Environment	CER, Coldwater Indian Band	Trans Mountain commits to continuing site-specific planning and engagement with Coldwater Indian Band on the Coldwater River crossings. Trans Mountain will provide an update to the Commission by August 9, 2021 on the status of site-specific planning with Coldwater and whether Coldwater's site-specific concerns have been addressed. If Coldwater's concerns remain unresolved by that time, Trans Mountain's update will include a discussion of Coldwater's outstanding concerns and Trans Mountain's corresponding responses.	Coldwater Western Alternative Route, Variance Application, Reply Argument, pg. 4	Prior to Construction	Complete			Letter Update on Coldwater River Crossing Planning with Coldwater Indian Band (C14392).
4604	Environment	CER	Trans Mountain commits to completing supplemental call playback surveys for western screech-owl in suitable habitat along the Reroute in early spring 2021, during the appropriate survey timing window, and sites specific mitigation will be implemented in the event an active nest is identified.	Coldwater Western Alternative Route, Variance Application, Wildlife Technical Report, pg. 206	Prior to Construction	Complete			Surveys for Western Screech Owl along the Coldwater Reroute were completed from March 12 to March 18, April 13 to April 18 and May 11 to May 14, 2021.
4605	Environment	CER	Trans Mountain commits to updating information to fulfill commitments related to CER Condition 44. Information will include identifying locations where site-specific biophysical attributes are present within the final footprint, (e.g., suitable nest trees for Williamson's sapsucker) and any site-specific mitigation measures that may be required.	Coldwater Western Alternative Route, Variance Application, Wildlife Technical Data Report, pg. 206	Project Lifecycle	Complete			Proof of completion is the Environmental Alignment Sheets and Resource Specific Mitigation Tables submitted to the CER.
4606	Environment	CER	Trans Mountain commits to filing updated environmental alignment sheets (EAS) and resource-specific mitigation tables (RSMT) pursuant to Condition 72 for the Coldwater West Alternative six weeks prior to the start of construction. These filings will include the results of any additional fieldwork or surveys undertaken in 2021.	Coldwater Western Alternative Route, Variance Application, Letter to CER January 29, 2021, pg. 1, 2	Prior to Construction	Complete			Proof of completion is the Environmental Alignment Sheets and Resource Specific Mitigation Tables submitted to the CER .
4609	Environment	CER	Trans Mountain commits to updating Condition 74 (Horizontal Directional Drilling Noise Management Plan). C 74 filing will be made for the north (DPI) and south (HDD) trenchless crossings of the Coldwater River at AK 1.3-1.6 and AK 16.5-17.09, respectively.	Coldwater Western Alternative Route, Variance	Prior to Construction	Complete			Condition 74 Filing, July 30, 2021 (C14296).

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				Application, January 29, 2021 Letter to CER, pgs. 1,2					
4611	Environment	CER	Trans Mountain commits to updating Condition 93 (Water Well Inventory for the Coldwater West Alternative.	Coldwater Western Alternative Route, Variance Application, January 29, 2021 Letter to CER, pgs. 1,2	Prior to Construction	Complete			Condition 93 Filing, June 17, 2021 (C13592).
4612	Environment	CER	Trans Mountain will updating Condition 100 (Heritage Resources and Sacred and Cultural Site) for the Coldwater West Alternative.	Coldwater Western Alternative Route, Variance Application, January 29, 2021 Letter to CER, pgs. 1,2	Prior to Construction	Complete			Proof of completion is the Condition 100 Heritage Resources and Sacred and Cultural Site) for the Coldwater West Alternative
4614	Environment	CER, Nlaka'pamux Nation Tribal Council (NNTC)	Trans Mountain commits to updating the Environmental Alignment Sheets and Resource Specific Mitigation Tables for the West Alternative Route and to submitting the updates to the CER, Indigenous Groups and Appropriate Regulatory Authorities prior to construction.	Coldwater Western Alternative Route, Variance Application, Final Argument, Appendix A, pg. 3	Prior to Construction	Complete			Proof of completion is the Environmental Alignment Sheets and Resource Specific Mitigation Tables submitted to the CER.
92	Facilities Construction	Upper Nicola Band	If additional pit run material is required at Kingsvale Pump Station, Trans Mountain will ask the contractor(s) undertaking the civil construction work to find one or more borrow sources within a reasonable distance from the site.	Upper Nicola Band IR No. 2(c).01.a	During Construction	Complete			The construction of the Kingsvale 2 Pump Station is now complete, with additional pit run material not being required. Rather, any required common fill and topsoil was sourced locally from the pump station site.
489	Facilities Construction	NEB	Trans Mountain will file the exact final locations (including the GPS coordinates) of the new Line 2 pump stations and Black Pines Pump Station as a condition of future Project approval, if such an approval is granted or condition issued.	NEB IR No. 3.047	Prior to Construction	Complete			Finalized station locations shown on drawings contained in the Facilities Environmental Protection Plan filed under Condition 78 on September 5, 2017 (Filing ID A85826-6 starting at PDF Page 93).
494	Facilities Construction	City of Burnaby	A permanent station will be set up as part of the dock expansion and that will provide information to the terminal operator, ship, pilots and others on wind conditions at the Westridge dock.	City Burnaby IR No. 1.26.10c	During Construction	Complete			Trans Mountain has installed a permanent weather station at the Westridge dock that provides information to the terminal operator, ship, pilots and others on wind conditions.
2580	Facilities Construction	NEB	Trans Mountain will ensure each pump station site will have no less than one resident inspector, and it is anticipated that there will be a combined construction management and inspection team of five to ten staff for each group of three or four pump stations.	Application Volume 4B s. 4.4.1 p4B-43	During Construction	Complete	Superseded by CER Condition	88	Construction Project Organization Chart filed under Condition 88 on November 7, 2019 including with details on construction management and inspection team coverage for the Sumas Terminal (see Filing ID C02815 at PDF Page 30).
2582	Facilities Construction	NEB	Trans Mountain will ensure the Sumas Terminal site will have no less than one resident inspector, and it is anticipated that there will be a combined construction management and inspection team of five to ten staff .	Application Volume 4B s. 4.4.1 p4B-43	During Construction	Complete	Superseded by CER Condition	88	Construction Project Organization Chart filed under Condition 88 on November 7, 2019 including with details on construction management and inspection team coverage for the Sumas Terminal (see Filing ID C02815 at PDF Page 30).
3966	Facilities Construction	NEB	Trans Mountain commits to the construction of the marine fisheries offset work in the Burrard Inlet occurring within the Westridge Marine Terminal Construction Safety Boom.	NEB Cond IR No. 9.4c	During Construction	Complete	Superseded by Legal/Regulatory Requirement	Fisheries Act C4.1	Superseded by Fisheries Act Authorization 19-HPAC-00753 Condition 4.1
3968	Facilities Construction	NEB	Trans Mountain commits to placing day and night navigation marks on the marine fisheries habitat offset area, as required by the Canadian Coast Guard (CCG) close to completion of construction.	NEB Cond IR No. 9.4c	During Construction	Complete	Superseded by CER Condition	48	Trans Mountain has installed a navigational marker to identify the presence of the fisheries habitat offset area. Reference Navigation and Navigation Safety Plan filed under Condition 48 on March 29, 2018 (Filing ID A90948-3, Section 5.0).
3971	Facilities Construction	NEB	Trans Mountain commits to placing construction warning signs every 80' along the Safety Boom, with lights positioned by the warning signs, during construction of Westridge Marine Terminal.	NEB Cond IR No. 9.5	During Construction	Complete	Superseded by CER Condition	48	Reference Navigation and Navigation Safety Plan filed under Condition 48 on March 29, 2018 (Filing ID A90948-3, PDF Page 17, paragraph ee).
3972	Facilities Construction	NEB	Trans Mountain commits to placing on the shoreline, construction 1.2 x 1.2 metre warning signs approximately 150 m on either side of the Westridge Marine Terminal property boundary.	NEB Cond IR No. 9.5	During Construction	Complete	Superseded by CER Condition	48	Reference Navigation and Navigation Safety Plan filed under Condition 48 on March 29, 2018 (Filing ID A90948-3, PDF Page 17, paragraph ee).
108	Facilities Engineering	Burnaby Board of Trade	Trans Mountain will ensure seismic design of storage tanks, including consideration of sloshing and other effects, is in accordance with the latest edition of the American Petroleum Institute (API) Standard 650, Welded Tanks for Oil Storage, Annex E, the recognized North American standard.	P-IR No. 1.02.03.d	Prior to Operations	Complete			Trans Mountain identified Annex E as being mandatory for all new TMEP tanks. This was communicated to design/build contractors through the contracting process, with design calculations required to be provided for review. Contractors are required to provide certificates of completion attesting to API 650 compliance including in relation to Annex E.
109	Facilities Engineering	Burnaby Board of Trade	Trans Mountain will ensure seismic design of storage tanks, including consideration of sloshing and other effects, is in accordance with the latest edition of the American Petroleum Institute (API) Standard 650, Welded Tanks for Oil Storage, Annex E, the recognized North American standard.	P-IR No. 1.02.03.d	Prior to Construction	Complete			Trans Mountain identified Annex E as being mandatory for all new TMEP tanks. This was communicated to design/build contractors through the contracting process, with design calculations required to be provided for review. Contractors are required to provide certificates of completion attesting to API 650 compliance including in relation to Annex E.
140	Facilities Engineering	City of Burnaby	As part of the proposed expansion of Westridge Marine Terminal, the existing diesel-powered standby emergency generator will be replaced with one of an appropriate (larger) size.	City Burnaby IR No. 1.25.03b	Prior to Operations	Complete			Proof of completion: Westridge Marine Terminal Design Basis Memorandum, Section 8.1 Electrical Design Basis General and Section 8.6 Emergency Generators.

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142	Facilities Engineering	City of Burnaby	The design of the proposed standby emergency power systems and the fire water pumping systems at Burnaby Terminal will include ensuring that the systems will operate within the legislative requirements for noise. The equipment will be installed in buildings designed to attenuate noise, as necessary.	City Burnaby IR No. 1.25.03d	Prior to Construction	Complete			
145	Facilities Engineering	City of Burnaby	The weather threshold for remaining moored at the dock will be determined as part of the final dock design engineering.	City Burnaby IR No. 1.26.10d, TERMPOL 3.13 Section 3 (Filing ID A3S4V0, PDF page 7)	Prior to Construction	Complete	Superseded by CER Condition	84	Commitment addressed by Filing ID: A83581, Condition 84, Emergency Release System at Westridge Marine Terminal, Section 4.5.1.2, Page 12.
162	Facilities Engineering	Environment Canada	Trans Mountain will use the best available fugitive volatile organic compounds (VOC) emissions reduction technology that is suitable for the application at Westridge Marine Terminal, with the primary goals of reducing fugitive VOC emissions and odorous emissions from vessel loading to the greatest extent practical.	GoC EC IR No. 1.065b	Prior to Construction	Complete	Superseded by CER Condition	53	Commitment addressed by Filing ID: A84416, Condition 53, Fugitive Emissions Management Plan for Westridge Marine Terminal, Section 5.
163	Facilities Engineering	Environment Canada	Trans Mountain will use the most applicable short term and long-term meteorological data, including wind extremes and the Environment Canada data, to inform the design of Westridge Marine Terminal.	GoC EC IR No. 1.011	Prior to Construction	Complete	Superseded by CER Condition	52	Commitment addressed by Filing ID: A84415, Condition 52, Air Emissions Management Plan for Westridge Marine Terminal, Section 4.6
167	Facilities Engineering	Natural Resources Canada	Trans Mountain will consider applicable topography and site effects (soil effects), including amplification, in the design of tanks, tank foundations, and containment systems.	GoC NRCAN IR No. 1.02.06	Prior to Construction	Complete	Superseded by CER Condition	23, 24, 25	The new storage tanks have been designed in accordance with the seismic-related provisions of Annex E of API Standard 650. This includes the design of tank foundations. Seismic considerations are also addressed as appropriate in the secondary containment reports filed under Conditions 23, 24, and 25 (Filing IDs A81948, A81945, and A91351/C07595).
191	Facilities Engineering	Upper Nicola Band	The mainline pumps and some piping systems will be housed within a pump building that includes secondary containment with hydrocarbon detection.	Upper Nicola Band IR No. 1.04a	Prior to Construction	Complete			Commitment addressed in IFC Control Philosophy Line 2 Facilities and MLBV dated September 18, 2018.
202	Facilities Engineering	NEB	Drawings showing the scope of the proposed storage tank removals at Burnaby Terminal (existing Tank 74) will be prepared during the detailed engineering and design phase and during detailed construction planning in 2015.	NEB IR No. 2.116a	Prior to Construction	Complete			Consistent with project planning, Tank 74 was demolished in November 2019.
204	Facilities Engineering	NEB	For the proposed expansion at Edmonton Terminal, in the West Tank Area (WTA), Trans Mountain has committed to comply with the secondary containment capacity requirements of the Alberta Fire Code (AFC), which requires that the capacity of a shared containment area be 100% of the volume of the largest tank plus 10% of the volume of the other tanks within the area.	NEB IR No. 2.128b.1	Prior to Construction	Complete	Superseded by CER Condition	23	Trans Mountain filed a "design change" submission for the Edmonton Terminal on March 1, 2019 including with commentary on tank secondary containment (A81919), and then responded to a series of NEB information requests (A83416, A83687, A92798, and A93335). In the last of those IR response submissions, and more specifically in its response to IR 2,3, Trans Mountain spoke to the aspect of Alberta Fire code requirements for secondary containment in the Edmonton Terminal West Tank Area. In Condition Compliance Letter Report No. 6 dated October 23, 2019 (C02386) the CER accepted Trans Mountain's submissions and granted approval under CPCN Condition 23 (Secondary Containment - Edmonton Terminal).
205	Facilities Engineering	NEB	For the proposed expansion of Burnaby Terminal, Trans Mountain has committed to comply with the secondary containment capacity requirements of the British Columbia Fire Code (BCFC), which requires that the capacity of a shared containment area be 100% of the volume of the largest tank plus 10% of the volume of the other tanks within the area. For some tanks, secondary containment will be partially provided by remote impoundment, in accordance with the requirements of National Fire Protection Association (NFPA) Code 30.	NEB IR No. 2.130b	Prior to Construction	Complete	Superseded by CER Condition	24	The design of the secondary containment system for the Burnaby Terminal was filed and accepted under Condition 24 (Filing IDs A81945 and A92675). This included the aspect of conformance with the capacity provisions of the B.C. Fire Code.
210	Facilities Engineering	NEB	Trans Mountain has committed to adopt facility design and emission control measures that do not result in any additional exceedances where air quality standards are predicted to be exceeded by existing developments and activities in the case of air emissions.	NEB IR No. 2.041b	Prior to Construction	Complete	Superseded by CER Condition	52, 53, 54, 79	This commitment has been overtaken by the Fugitive Emissions Management Plans and the Air Emissions Management Plans that were filed for these four terminal sites under Conditions 52, 53, 54, and 79. All of these required submissions were filed by Trans Mountain and approved by the NEB.
211	Facilities Engineering	NEB	On the new line, all valves will be automated. The new line through Jasper that went in during the Anchor Loop project is also automated. For the existing line, valves will be automated on a priority basis including valves near river crossings and sensitive areas.	Part 2 – Public Consultation Update No. 1, Table 1.6-1	During Operations	Complete	Superseded by CER Condition	17	Commitment addressed by reports filed under Conditions 17 & 18. See in particular, the Condition 17 report filed on March 1, 2017 (Filing ID A81943, Valve Locations on Line 2) and the Condition 18 report filed on April 3, 2017 (Filing ID A82430, Valve Locations on Line 1), both of which spoke to the automation aspect. The subject reports were accepted under NEB Letter Report 21 dated August 16, 2018 (A93587) and CER Letter Report No. 86 dated August 6, 2021 (C14373).
213	Facilities Engineering	NEB	Plans for constructing the proposed new storage tanks at Burnaby Terminal, without disturbing the containment function of existing berms or by providing temporary berms, will be developed during detailed construction planning in 2015.	NEB IR No. 2.119d	Prior to Construction	Complete			
218	Facilities Engineering	NEB	Trans Mountain will apply industry best practices in the selection of lighting types and fixtures at Westridge Marine Terminal (WMT) that minimize extraneous light pollution, including the use of LED (light-emitting diode) technology.	NEB IR No. 2.012a, NEB IR No. 2.012b	Prior to Construction	Complete	Superseded by CER Condition	82	Commitment addressed by Filing ID: A83578, Condition 82, Light Emissions Management Plan for Westridge Marine Terminal, Section 4.0.
221	Facilities Engineering	NEB	Trans Mountain will conduct a reliability, availability, and maintainability (RAM) analysis for Line 1 and Line 2 during the detailed engineering and design phase to confirm or adjust the availability factors and sparing philosophy. It is expected that the RAM analysis will be complete by the end of Q1 2015.	NEB IR No. 1.93f	Prior to Construction	Complete			

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222	Facilities Engineering	NEB	Trans Mountain will consider the need for installed or uninstalled (ready for quick installation) spare vapour recovery arms or alternate back-up connection systems, such as portable hoses (similar to what is currently used at WMT), during the detailed engineering and design phase.	NEB IR No. 2.122g	Prior to Construction	Complete			Commitment is complete - Proof of Completion - MOC 16874 Report.
223	Facilities Engineering	NEB	Trans Mountain will contract with a firm specializing in control systems to integrate the new equipment into a control scheme for each facility. The control scheme will utilize existing approved control philosophies and practices, and will be developed under the supervision of Trans Mountain operating staff.	Application Volume 4B-45.	Prior to Operations	Complete	Superseded by CER Condition	116	Trans Mountain has developed a control system for each facility which has been filed through CER Condition 116 (Filing ID C21893).
225	Facilities Engineering	NEB	Trans Mountain will follow the recommendations of the latest edition of American Petroleum Institute (API) Recommended Practice 2003, Protection Against Ignitions Arising Out of Static, Lightning and Stray Currents. Trans Mountain will also follow the requirements of the latest edition of Canadian Standards Association Canadian Electrical Code, C22.1, Safety Standard for Electrical Installations.	NEB IR No. 2.075d	Prior to Construction	Complete			Consistent with the principles set out in recognized industry standards and recommended practices, Trans Mountain's aboveground facilities will be adequately grounded as a protective measure against direct or indirect lightning strikes. Grounding and bonding specifications for aboveground storage tanks will also be met. This approach was confirmed in certain condition-related filings including Filing IDs A83680 3 at PDF Page 37 (sixth paragraph), C08797-1 at PDF Page 28 (Section 3.4), and A7H4K5 at PDF Page 15 (third paragraph of Section 5.1.7).
232	Facilities Engineering	NEB	Trans Mountain will provide to the NEB the maximum inlet (suction) pressures for the Line 2 pump stations following completion of the transient hydraulic analysis, expected by Q2 2015.	NEB IR No. 1.94c	Prior to Construction	Complete			Commitment addressed in Line 2 Transient Study, Appendix E, April 28, 2017.
237	Facilities Engineering	NEB	Where it is possible and / or desirable to avoid slack flow during pipeline shut down scenarios, mainline valves will be selectively closed to maintain line pack.	NEB IR No. 2.090a	During Operations	Complete	Superseded by CER Condition	135	Control Centre Procedures provide process instructions for the Control Centre for a shut down of Line 2. They outline the sequence of events to be undertaken for shutdown of the line including monitoring, arming and closing of mainline block valves along the line, as well as other procedures to control line pressure and address slack line flow, as appropriate.
238	Facilities Engineering	NEB	With respect to storm-water runoff in the proposed Tank 100 and Tank 103 shared secondary containment at Sumas Terminal, Trans Mountain will provide a motor operated valve (MOV) on the proposed new secondary containment drain system, in a safe location outside of the secondary containment berm.	NEB IR No. 2.129g	During Construction	Complete	Superseded by CER Condition	25	This commitment is superseded by Condition 25. The intent of Commitment 238 was to ensure the storm water management system for the Tank 100/103 containment area was designed with a valve system capable of controlling inadvertent releases to the environment. This intent is met through the design of the drainage pathway from the Tank 100/103 containment area to the Tank 102 containment area and to Tank 101 containment area before treatment as necessary and release. Storm water drainage is controlled through two Motor operated valves (MOV) in the Tank 100/103 containment area, one hand operated valve (HOV) in the Tank 102 containment area, as well as, one MOV and one HOV outside the Tank 101 containment berm at the storm water drainage terminus. Details of the Sumas tank farm site drainage management system were filed in Trans Mountain's response to Condition 25, IR52.2 Attachment 2, Sumas Tank Farm Dyke Drain Flow Diagram (Drawing 01-13283-ST00-GS101001) [C11553-1].
239	Facilities Engineering	NEB	With respect to the 3 tanks to be built at Westridge Terminal, all proposed tanks will be located within secondary containment designed in accordance with Canadian Standards Association (CSA) Standard Z662 and the National Fire Protection Association (NFPA) Code 30. Trans Mountain will provide overfill protection in accordance with American Petroleum Institute (API) Standard 2350. All proposed tanks will be equipped with a radar gauging system for liquid level measurement and overfill protection.	NEB IR No. 2.125b.3 and 2.125b.4	Prior to Construction	No Longer Applicable			Trans Mountain is not building new tanks at Westridge Marine Terminal.
240	Facilities Engineering	NEB	With respect to the existing jet fuel unloading system at proposed Berth 1 at Westridge Marine Terminal (WMT), Trans Mountain will design and construct the replicated facilities using the same principles, standards, procedures, and practices that will be applied to the proposed new crude oil loading systems at WMT, thereby incorporating some improvements over the existing jet fuel unloading arm system.	NEB IR No. 2.131d	Prior to Construction	Complete	Superseded by CER Condition	4	The new jet fuel unloading system at Berth 1 is being designed and constructed under the provisions of CSA Z662 "Oil and Gas Pipeline Systems" as part of the overall Westridge Marine Terminal complex.
250	Facilities Engineering	British Columbia Hydro and Power Authority	Trans Mountain commits to working with BC Hydro to establish safe separation distances from the various power line circuits involved in the TMEP.	BC Hydro IR No. 1.1.1.3	Prior to Construction	Complete			This commitment has been addressed through various filings made under Condition 50. These filings show that an AC Mitigation Report has been produced to the NEB's satisfaction including with appropriate engagement between Trans Mountain and BC Hydro. CER Filing A510Q2 including at section 2.3.
253	Facilities Engineering	British Columbia Hydro and Power Authority	Trans Mountain will consult with BC Hydro's designated project manager during the Detailed Engineering and Design Phase of the Project to identify potential facility conflicts and develop reasonable mitigation plans. If mitigation requires BC Hydro to relocate facilities, Trans Mountain agrees to follow BC Hydro's Transmission Line Relocation Agreement (TLRA) process.	BC Hydro IR No. 1.2.1.1	Prior to Construction	Complete	Superseded by CER Condition	50	This commitment has been addressed through various filings made under Condition 50. These filings show that an AC Mitigation Report has been produced to the NEB's satisfaction including with appropriate engagement between Trans Mountain and BC Hydro. CER Filing A83056-2 (ASLQ2) including at section 2.3.
257	Facilities Engineering	Adams Lake Indian Band	A management of change process will be followed ensuring changes to mitigation measures are approved and communicated to appropriate project personnel and regulatory agencies as required.	ALIB IR No. 1.6.02b	Prior to Construction	Complete			TM manages the MOC process internally through the 4.5 Trans Mountain Expansion Project Management of Change(MOC) procedure (Document # 01-13283-RPT-PM-0021)
415	Facilities Engineering	City of Burnaby	A permanent station will be set up as part of the dock expansion and that will provide information to the terminal operator, ship, pilots and others on wind conditions at the Westridge dock.	City Burnaby IR No. 1.26.10c	Prior to Construction	Complete	Superseded by CER Condition	52	As provided in Commitment 494, Trans Mountain has installed a permanent weather station at the Westridge dock. Commitment addressed by Filing ID; A84415, Condition 52, Air Emissions Management Plan for Westridge, Section 3.3.9, Meteorological Sensors.

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432	Facilities Engineering	NEB	All pump stations and terminals in the expanded TMPL system will include emergency shutdown (ESD) systems that will operate automatically in some abnormal operating conditions and can also be activated remotely from the Pipeline Control Centre (PCC) or locally by field operations.	Part 2 – Consultation Update No. 1, 2-44	Prior to Construction	Complete	Superseded by CER Condition	115, 116	In November 2022, Trans Mountain filed CER Condition 116 Control System, SCADA, Instruments, and Communication, specifically control system network architecture plans for Black Pines Pump Station (Filing ID C21893-3 PDF pg 3), as well as all pump stations and terminals, sites with satellite primary or backup communications will use satellite company provided modem (PDF pg 21/22).
468	Facilities Engineering	NEB	Trans Mountain commenced the process of gathering additional volatile organic compound (VOC) emissions information in 2014 and will conduct further measurements during tanker loadings at Westridge Marine Terminal (WMT) in 2015.	NEB IR No. 3.019b	Prior to Construction	Complete	Superseded by CER Condition	53	Commitment addressed by A84416, Condition 53: Fugitive Emissions Management Plan for Westridge Marine Terminal, Section 5.1.1. Proof of completion provided in April 8, 2020 Memo from RWDI: "Comparison of VOC Emission Survey Results During Tanker Loading".
490	Facilities Engineering	NEB	Conceptual design for the Line 2 pressure control and pressure relief systems proposed for the Hope site has been completed and a piping and instrumentation diagram (P&ID) will be prepared for Hazards and Operability (HazOp) review by Q3, 2015. The P&ID will be updated based on the HazOp recommendations and it is anticipated that the design basis will be completed by the end of Q3, 2015. Detail design is planned for 2016.	NEB IR No. 3.051a.2	Prior to Construction	Complete			Commitment addressed in following documents: HAZOP: TMEP Pump Stations Surge Relief & Typical MLBV HAZOP Report. PIDs: Piping and Instrumentation Diagram - Pressure Control System - 2STP-0001, 2RTP-0001 - Hope Line 2; Piping and Instrumentation Diagram - Station Surge Relief System - Hope Line 2; Piping & Instrument Diagram Pump station Area Delivery Manifold Relief System Hope Line 2; Piping & Instrument Diagram Pump station Area Delivery Manifold Relief System Hope Line 2.
495	Facilities Engineering	NEB	Trans Mountain will provide updated pump station single line diagrams as a condition of future Project approval, if such an approval is granted or condition issued.	NEB IR No. 3.057b	Prior to Construction	Complete	Superseded by CER Condition	30	Commitment addressed through the various filings that have been made under Condition 30 regarding power system protection for pump stations and terminals. Paragraph d) of the Condition specifically required the filing of single line diagrams of the electrical power systems.
496	Facilities Engineering	NEB	The communications block diagram for the existing Trans Mountain pipeline system will be updated during the detailed engineering and design phase to include the new Black Pines Pump Station site and to reflect the concept that back-up communications will be provided by satellite at Black Pines and at the existing pump station sites where new pump stations are being added as part of the Project.	NEB IR No. 3.058b	Prior to Construction	Complete	Superseded by CER Condition	116	In November 2022, Trans Mountain filed CER Condition 116 Control System, SCADA, Instruments, and Communication, specifically control system network architecture plans for Black Pines Pump Station (Filing ID C21893-3 PDF pg 3), as well as all pump stations and terminals, sites with satellite primary or backup communications will use satellite company provided modem (PDF pg 21/22).
498	Facilities Engineering	NEB	Trans Mountain will file a summary of the Hazards and Operability (HazOp) reviews and contingency plans for Westridge Marine Terminal (WMT) as a condition of future Project approval, if such an approval is granted or condition issued.	NEB IR No. 3.071e	Prior to Construction	Complete			
499	Facilities Engineering	NEB	Trans Mountain will install odour control systems on all of the proposed new tanks at Burnaby Terminal. As such Trans Mountain will utilize internal floating roofs on all of the proposed new tanks at Burnaby Terminal, a configuration which is required to enable the application of odour control systems.	NEB IR No. 3.082b	Prior to Construction	Complete	Superseded by CER Condition	54	Trans Mountain will install odour control systems on all of the proposed new tanks at Burnaby Terminal. As such Trans Mountain will utilize internal floating roofs on all of the proposed new tanks at Burnaby Terminal, a configuration which is required to enable the application of odour control systems.
500	Facilities Engineering	NEB	Trans Mountain will provide the updated design of Westridge Marine Terminal (WMT), with respect to the wind data collected at WMT, as a condition of future Project approval, should such approval be granted or condition issued.	NEB IR No. 3.83b	Prior to Construction	Complete			The wind study found the maximum wind gusts at Westridge Terminal are less than National Building Code of Canada wind design values for the Burnaby area and thus the NBCC values are used in the design.
504	Facilities Engineering	NEB	The under-tank leak detection system proposed for each new storage tank at the Sumas Terminal will consist of perforated pipes which will drain to a sump adjacent to the tank. The leak detection system design will be in accordance with API 650, Annex I.	NEB IR No. 3.093b, NEB IR No. 2.118c	Prior to Construction	Complete	Superseded by CER Condition	115	Consistent with API 650, Annex I, the new tank (Tank 100) at the Sumas Terminal has been designed with an under-tank leak detection system. This system features perforated pipes that grade downwards to a sump adjacent to each tank, with monitoring through leak detection wells.
539	Facilities Engineering	Environment Canada	Once the Process Design Basis for the emissions control system at Westridge Marine Terminal is finalized, Trans Mountain is willing to provide the process guarantees directly to the NEB and Environment Canada (EC).	GoC EC IR No. 2.071	Prior to Construction	Complete	Superseded by CER Condition	52	Trans Mountain provided this information to the CER as part of a Supplemental Air Quality Assessment filed in Condition 52 Appendix F of the June 2017 (A84415) Air Emissions Management Plan for Westridge Marine Terminal. Details on consultation with Environment and Climate Change Canada have been provided in Condition 52 Appendix A Section 3.2.2 (Filing ID A82640 PDF pg 50), particular consultation with Environment Canada can be found on PDF pg 58.
556	Facilities Engineering	Environment Canada	Trans Mountain commits to implementing the following mitigation measures at the Westridge Marine Terminal to reduce potential effects from artificial lighting and prevent sky-lighting which may lead to bird disorientation/collisions, where feasible, by using low level and low intensity lighting; using no lighting in areas where no work is planned; using downturned shaded fixtures in light standards; and using a higher lumen/watt (light out to power in) ratio, such as metal halide lighting.	GoC EC IR No. 2.050	Prior to Construction	Complete	Superseded by CER Condition	82	Commitment addressed by Filing ID: A83578, Condition 82, Light Emissions Management Plan for Westridge Marine Terminal, Section 4.0.
580	Facilities Engineering	Upper Nicola Band	Trans Mountain has developed a preliminary layout for the proposed new facilities at Kingsvale Pump Station, which generally defines the extent of the excavation required. The approximate volume is 10,000 m3. The final layout and associated excavation quantity will be determined during detailed engineering and design, which is expected to take place during 2016, assuming the current overall Project schedule is maintained.	Upper Nicola Band IR No. 2(c).01.c	Prior to Construction	Complete			Commitment addressed in Civil Plans Layout Details - Kingsvale Line 2.
581	Facilities Engineering	Upper Nicola Band	Trans Mountain is committed to undertake a slope stability study for Kingsvale Pump Station during detailed engineering and design.	Upper Nicola Band IR No. 2(c).01.e	Prior to Construction	Complete			Commitment addressed in Geotechnical Report Kingsvale Pump Station Line 2 dated February 16, 2017.
609	Facilities Engineering	NEB	Trans Mountain will voluntarily comply with the fire retardant design requirements of the National Fire Code of Canada and the British Columbia Fire Code for the existing secondary containment	NEB IR No. 4 27a	During Construction	Complete			The Secondary Containment design for Sumas was filed and accepted under Condition 25 (Filing ID A91351 Section 5.0 and Letter Report C06626). The

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			areas at Sumas Terminal that will be modified or used by the Project.						design features an impermeable geo-membrane liner with a non-combustible gravel cover. The fire protection aspect was addressed for the Edmonton Secondary Containment system in Filing ID C17691 (IR 83 response), and that same context equally applies for Sumas Terminal.
610	Facilities Engineering	NEB	Trans Mountain will install fire protection systems on or nearby the proposed new tank at the Sumas Terminal.	NEB IR No. 4 29b	Prior to Operations	Complete	Superseded by CER Condition	127	Tank fire design for the new tank at the Sumas Terminal has been provided in the Condition 127 "Sumas Terminal Fire Protection Design Basis" filing, section 4.1.5 (Filing ID C20850). The CER approved Condition 127 as it pertains to Sumas Terminal in Letter Report 241 in October 2023 (C26805).
611	Facilities Engineering	NEB	Trans Mountain will focus efforts during detailed engineering, design, construction, and commissioning to prevent the alignment of conditions that could lead to a secondary containment pool fire event and the potential consequential effects at the Sumas Terminal.	NEB IR No. 4 29c	Project Lifecycle	Complete	Superseded by CER Condition	127, 129	Commitment met via Condition 127 Terminal Fire protection and fire-fighting systems filings (Filing IDs C20850 and C22272), as well as Condition 129 Sumas Terminal Expansion Risk Assessment Report (Filing ID C20529).
613	Facilities Engineering	City of Burnaby	Trans Mountain is committed to evaluating other options for shoreline infilling and to minimizing the volume of dredging required, to the extent feasible.	City Burnaby IR No. 2.063a	Prior to Construction	Complete		35	Commitment addressed by Filing ID: A81712, Condition 35, Letter confirming no dredging is required for Westridge Marine Terminal expansion, page 2.
682	Facilities Engineering	City of Port Moody	A gas monitoring network will be installed for early detection of any leaks or equipment malfunction. The detection equipment will be integrated with the Westridge Marine Terminal control system to allow for continuous measurement of the performance of the Vapour Combustion Unit (VCU) and Vapour Recovery Units (VRUs) to ensure that they are operating efficiently and effectively.	City of Port Moody IR No. 2.3.31	Prior to Construction	Complete	Superseded by CER Condition	53	Commitment addressed by the Fugitive Emissions Management Plan for Westridge Marine Terminal filed under Condition 53 (Filing IDs A82637 and A84416, Section 6.0 of plan).
703	Facilities Engineering	Dorothy Doherty	New instrumentation for pressure and flow measurement for each of the delivery pipelines will be included in the designs of Burnaby Terminal.	Doherty D IR No. 2.1.m	Prior to Construction	Complete			
705	Facilities Engineering	Dorothy Doherty	Trans Mountain has seismic monitoring instruments at Burnaby Terminal today and will add additional seismic monitors as part of the Project.	Doherty D IR No. 2.5.a	Prior to Operations	Complete			Trans Mountain has proceeded to install additional seismic monitors at the Burnaby Terminal as appropriate.
753	Facilities Engineering	City of Vancouver	Trans Mountain will file the details of the Westridge Marine Terminal control measures related to Environmental protection with the National Energy Board (NEB), when they are available, as a condition of future Project approval, if such approval is granted or condition issued.	City of Vancouver IR No. 2.12.8	Prior to Construction	Complete	Superseded by CER Condition	81	Trans Mountain files details of the Westridge Marine Terminal control measures through Condition 81 Westridge Marine Terminal Environmental Protection Plan (CER File ID C08265)
819	Facilities Engineering	Fraser Valley Regional District	Trans Mountain has committed to use Vapour Recovery and Vapour Combustion technology at the Westridge Marine Terminal that will substantially reduce volatile organic compounds (VOC) emissions during product loading.	FVRD IR No. 2.07a	Prior to Operations	Complete	Superseded by CER Condition	52, 53	Trans Mountain is installing a state-of-the-art Marine Vapour Control System at the Westridge Marine Terminal featuring two Vapour Recovery Units and one Vapour Combustion Unit. For further details, refer to the Air Emissions Management Plan filed under Condition 52 and the Fugitive Emissions Management Plan filed under Condition 53
851	Facilities Engineering	Strata NW 313	Trans Mountain will reduce air emissions from the Project by incorporating emission reduction technologies in the Project design.	Strata NW313 IR No. 2.27a	Prior to Construction	Complete	Superseded by CER Condition	54, 55, 79	This commitment has been overtaken by the Fugitive Emissions Management Plans which had to be filed for terminal and pump station sites under Conditions 54 and 55 as well as by the Air Emissions Management Plan for the three terminal sites which had to be filed under Condition 79. All of these plans were approved by the NEB.
852	Facilities Engineering	Strata NW 313	Trans Mountain is committed to meeting the applicable ambient air quality objectives at the Sumas Terminal and this is the primary criterion for determining tank design and vapour control configurations.	Strata NW313 IR No. 2.27a	Prior to Construction	Complete	Superseded by CER Condition	54	For the single new tank at the Sumas Terminal (Tank 100), Trans Mountain is employing a design that features a floating roof, a fixed conical roof, and a Tank Vapour Adsorption Unit for the gathering and processing of vapours taken from the space between the fixed and floating roofs. For further details, refer to Trans Mountain's Fugitive Emissions Management Plan for the Sumas and Burnaby Terminals as filed under Condition 54 (A83732)
886	Facilities Engineering	Vancouver Fraser Port Authority DBA Port Metro Vancouver	Trans Mountain will meet or exceed accepted world standards in emission control practices as it has committed to design practices that represent state of the art technology and have selected a world leader in vapour control technology.	PMV IR No. 2.24b	Prior to Construction	Complete	Superseded by CER Condition	52, 53	Emission control practices for the Westridge Marine Terminal are set out in Condition 53 Fugitive Emissions Management Plan for Westridge Marine Terminal (A4416) and Condition 52 Air Emissions Management Plan for Westridge Marine Terminal (A84415). As exemplified by these submissions, Trans Mountain is employing state of the art technology including in relation to its leading-edge Marine Vapour Control System, which has both recovery and combustion capability.
906	Facilities Engineering	Metro Vancouver	A gas monitoring network, including hydrocarbon detectors on the Vapour Combustion Unit (VCU) and Vapour Recovery Units (VRUs) and reduced sulphur compound (RSC) detectors around the site, will be installed, for early detection of any leaks or equipment malfunction. The detection equipment will be integrated with the Westridge Marine Terminal control system to allow for continuous measurement of the performance of the VCU and VRUs to ensure that they are operating efficiently and effectively.	Metro Vancouver IR No. 2.2.1a	Prior to Construction	Complete	Superseded by CER Condition	53	Trans Mountain advised that monitoring and detection equipment of this type would be installed in its Fugitive Emissions Management Plan for the Westridge Marine Terminal as filed under Condition 53 (Filing ID A82637, Section 6.0 (3rd bullet) at PDF pg 23).
920	Facilities Engineering	Simon Fraser University	Trans Mountain will agree to work directly with the City of Burnaby and SFU in the determination of the appropriate sizing of the new make-up water connection, if the City of Burnaby chooses to consider it.	SFU IR No. 2.1.1.1	Prior to Construction	Complete			
1523	Facilities Engineering	Living Oceans Society	Trans Mountain commits to implementing additional controls to prevent the discharge of hydrocarbons into storm water including, as applicable to the Sumas Terminal, hydrocarbon detectors within secondary containments areas that, if triggered, will cause the automatic closure of the drain valve(s).	Living Oceans IR No. 1.28a	Prior to Construction	Complete			
2177	Facilities Engineering	NEB	The sudden shut-down of all of the pump units at a pump station due to power failure has the potential to cause a pressure surge in the pipeline. Trans Mountain will complete a surge study	NEB IR No. 2.080b	Prior to Construction	Complete			Commitment addressed in Line 2 Transient Study (With Appendices) dated April 28, 2017.

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			during the detailed engineering and design phase and any recommendations, to mitigate potential pressure surges and any potential associated pipeline integrity-related issues, as applicable, will be incorporated into the design and into the operating limits and protective device settings.						
2187	Facilities Engineering	NEB	Trans Mountain commits that the seismic design of the proposed new tank at Sumas Terminal, including consideration of sloshing and other effects, will be in accordance with the latest edition of the American Petroleum Institute (API) Standard 650, Welded Tanks for Oil Storage, Annex E, the recognized North American standard. All designs, including seismic considerations, will be undertaken by experienced and competent professional engineers, registered in British Columbia.	NEB IR No. 2.129e	Prior to Construction	Complete			Trans Mountain identified Annex E as being mandatory for all new TMEP tanks. This was communicated to design/build contractors through the contracting process, with design calculations required to be provided for review. Contractors are required to provide certificates of completion attesting to API 650 compliance including in relation to Annex E. IFC tank design documents and drawings stamped by professional engineers registered in the applicable jurisdiction (APEGA in Alberta and EGBC in British Columbia).
2237	Facilities Engineering	NEB	Trans Mountain commits to conduct a further geotechnical investigation at the north end of the Edmonton Terminal West Tank Area (WTA), for the proposed new storage tank foundations, during the detailed engineering and design phase. Trans Mountain will ensure a geotechnical screening evaluation will be completed to determine whether it is practical, useful and cost effective to attempt to drill somewhat deeper than might otherwise be required to determine if old underground mine workings exist in any zone that could be geotechnically material.	NEB IR No. 4.60b	Prior to Construction	Complete			This further geotechnical investigation has been completed in two stages, and the design of the new storage tank foundations has been verified and confirmed. The full results are captured in the two reports issued by the retained engineering contractor.
2291	Facilities Engineering	District of North Vancouver	Trans Mountain commits to filing with the NEB for approval, at least 90 days prior to applying for leave to open, a report prepared by an independent body confirming the adequacy of the proposed fire protection and firefighting systems implemented or planned to be implemented at the Sumas Terminal. Trans Mountain commits to providing a copy of the report to interested local governments.	Reply Argument - Appendix A Comments on NEB Draft Conditions - Condition 109a	Prior to Operations	Complete	Superseded by CER Condition	127	Trans Mountain filed Condition 127a Terminal Fire Protection and Firefighting Systems for Sumas Terminal on September 8, 2022 (Filing ID C20850) which included the Third-Party Confirmation of Terminal Fire Protection Systems through the Emergency Management Third-Party Report. The third-party report is publicly accessible on the CER website and can be provided to interested local governments upon request.
2420	Facilities Engineering	District of North Vancouver	Trans Mountain will conduct an area lighting study when the detailed design of Westridge Marine Terminal has progressed to the point where lighting can be selected. While the purpose of area lighting is operational safety, impact to the surrounding communities will be given due consideration.	Reply Evidence 20.4 Considerations for Potential Light and Noise Issues - p3 - line 30	Prior to Construction	Complete			Proof of completion: Light Emissions Impact Assessment Report, January 30, 2017.
2421	Facilities Engineering	NEB	Trans Mountain will ensure the design of the proposed new storage tanks will be in accordance with the latest edition of the API Standard 650, Welded Tanks for Oil Storage, as per the legislative requirements.	Reply Evidence 20.6 Proposed New Storage Tanks - p10 - line 20	Prior to Operations	Complete			Condition 23, 24 and 25 filings for the Edmonton, Burnaby and Sumas terminals respectively, include descriptions of tank design conformance with API 650. In addition, the manufacturer has confirmed and certified that the tanks at Burnaby, Edmonton and Sumas terminals were designed and built to API Standard 650. CER Letter reports 6, 17, 84, 133 and 231 approved the Condition 23, 24 and 25 filings indicating the filings fulfilled the respective condition requirements.
2424	Facilities Engineering	NEB	Trans Mountain will consider the risk assessment for Burnaby in coordination with the Hazards and Operability (HazOp) reviews and the implementation of any recommendations arising from the HazOp reviews.	Reply Evidence 20.6 Proposed New Storage Tanks - p11 - line 40	Prior to Construction	Complete			
2430	Facilities Engineering	NEB	Trans Mountain will ensure all of the property line setbacks for the Burnaby Terminal will meet or exceed the requirements of National Fire Protection Association (NFPA) Code 30 and City of Burnaby bylaws.	Reply Evidence 24.1 Fire Code Requirements - p1 - line 16	During Construction	Complete	Superseded by CER Condition	24	Trans Mountain filed Condition 24 - Secondary Containment for Burnaby Terminal January 18, 2023. Section 5.2.2.4 confirms that tank shell setbacks from property line will meet or exceed the requirements of NFPA Code 30 and the Burnaby Zoning Bylaw (Filing ID C22869-6, PDF page 10).
2435	Facilities Engineering	City of Burnaby	Trans Mountain will ensure all of the proposed new storage tanks at Burnaby Terminal will have water-draw piping, which may be used to remove water if it is deemed necessary as part of the tank water management program.	Reply Evidence 24.13 Boil Over - p35 - line 12	Prior to Operations	Complete			
2436	Facilities Engineering	City of Burnaby	Trans Mountain will install a custody transfer quality, ultrasonic flow meter on each end of the two proposed new Burnaby to Westridge delivery pipelines, as well as the existing Burnaby to Westridge delivery pipeline. Trans Mountain will install the same type of meter on the proposed new mainline pipeline entering Burnaby Terminal.	City Burnaby IR No. 1.08.05n	During Construction	Complete			The planned meter installations have been incorporated in the design and reflected on project drawings.
2566	Facilities Engineering	NEB	Trans Mountain will ensure new tanks at Burnaby Terminal will be externally coated with a zinc primer/urethane top-coat system. The exterior colour will be determined with City of Burnaby and public input.	Application Volume 4A s. 3.4.3.4 p4A-75	During Construction	Complete			
2673	Facilities Engineering	NEB	Trans Mountain will consider the following design elements during detailed design to verify that acoustic performance of the pump stations meet or exceed the sound emission values used in the prediction study: equipment sound emission (sound power levels), buildings and enclosures; vent louvres, and equipment placement behind larger structures (barrier effects).	Application Volume 5C TR-5C3 s. 7.2.1 p159, Application Volume 5C TR-5C3-Terrestrial Noise s. 7.3.1 p161, Application Volume 5C TR-5C3-Terrestrial Noise s. 7.4.1 p162	Prior to Construction	Complete			The criteria for sound mitigation has been set in the Design Basis Memorandum— Pump Stations, Ancillary Facilities, MLBV Stations dated April 5, 2017, specifically page 41 and drawing #01-13283-FC02-AB01001_01 Note 5 regarding acoustic insulation. Vendors are designing the equipment and building on that basis.
2856	Facilities Engineering	City of Abbotsford	Trans Mountain commits to consulting with the City of Abbotsford concerning the earthen dike around the Sumas Pump Station and to implement any necessary mitigation measures.	City Abbotsford IR No. 1.17aii	Prior to Construction	No Longer Applicable			This commitment is no longer applicable (consultation with City of Abbotsford on diking at Sumas Pump Station is not required) given the

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									Project footprint does not touch Sumas Pump Station. Expansion activities are at Sumas Terminal nearby, not the pump station.
2978	Facilities Engineering	New Democratic Party of Canada	Trans Mountain is committed to installing robust fire protection systems at all of the proposed new storage tank areas at Burnaby Terminal, which will include fixed, automated, rim-seal area and full-surface fire suppression on the storage tanks, the ability to apply cooling water streams, and the ability to apply foam to spilled oil to suppress combustible vapours.	NDP IR No. 2.2.1b	During Construction	Complete	Superseded by CER Condition	127	Trans Mountain has provided details of the fire protection system for Burnaby Terminal storage tanks in the Condition 127a filing (Filing ID C22906).
3051	Facilities Engineering	Burnaby Board of Trade	Trans Mountain will ensure seismic design of storage tanks, including consideration of sloshing and other effects, is in accordance with the latest edition of the American Petroleum Institute (API) Standard 650, Welded Tanks for Oil Storage, Annex E, the recognized North American standard.	P-IR No. 1.02.03.d	Prior to Construction	Complete			Trans Mountain identified Annex E as being mandatory for all new TMEP tanks. This was communicated to design/build contractors through the contracting process, with design calculations required to be provided for review. Contractors are required to provide certificates of completion attesting to API 650 compliance including in relation to Annex E.
3467	Facilities Engineering	Living Oceans Society	Trans Mountain will implement additional controls to prevent the discharge of hydrocarbons into storm water including, as applicable to the Edmonton Terminal: hydrocarbon detectors within secondary containments areas that, if triggered, will cause the automatic closure of the drain valve(s).	Living Oceans IR No. 1.28a	Prior to Construction	Complete			Trans Mountain filed its Secondary Containment design report pursuant to CPCN Condition 23 on March 1, 2017 (A8194), with the CER's approval following in Condition Compliance Letter Report No. 6 dated October 23, 2019 (C02386). Trans Mountain clarified that its design allowed for the segregation of the storm water management functions from the spill management functions (A51R4, Page 5 of 10). In one of its supporting reports (A512F7 at PDF Page 30), the following representation was made: "If a spill occurs while draining the storm-water, valves will automatically close to prevent oil escaping through the storm-water system."
3470	Facilities Engineering	NEB	Tanks at the Burnaby Terminal will be placed within secondary containment areas and will be fitted with fire-protection systems.	Application Volume 2, 2-22.	Prior to Construction	Complete	Superseded by CER Condition	24, 127	The design of the secondary containment system for the Burnaby Terminal was filed and accepted under Condition 24 (Filing ID A81945-4). Under Condition 127 (Filing ID C22906) Trans Mountain filed an independent report reviewing the fire protection design basis and confirming the adequacy of the proposed fire protection and fire fighting systems at the Burnaby Terminal (CER approved the report on July 20, 2023).
3483	Facilities Engineering	NEB	The under-tank leak detection system proposed for each new storage tank at the Burnaby Terminal will consist of perforated pipes which will drain to a sump adjacent to the tank. The leak detection system design will be in accordance with API 650, Annex I.	NEB IR No. 3.093b, NEB IR No. 2.118c	Prior to Construction	Complete			Consistent with API 650, Annex I, the new tanks at the Burnaby Terminal have been installed with an under-tank leak detection system. This system features perforated pipes that grade downwards to a sump adjacent to each tank, with monitoring through leak detection wells.
3485	Facilities Engineering	Dorothy Doherty	New instrumentation for pressure and flow measurement for each of the delivery pipelines will be included in the designs of Westridge Marine Terminal.	Doherty D IR No. 2.1.m	Prior to Construction	Complete	Superseded by CER Condition	26	Pressure and flow measurements instrumentation for the new Westridge Delivery Lines addressed in a filing made under Condition 26 "Burnaby Mountain Tunnel Option - Design, Construction and Operation" (Filing ID A81936 PDF pg 15; Part b) vii), Section 3.7), as well as in related engineering drawings.
3486	Facilities Engineering	NEB	The under-tank leak detection system proposed for each new storage tank at the Edmonton Terminal will consist of perforated pipes which will drain to a sump adjacent to the tank. The leak detection system design will be in accordance with API 650, Annex I.	NEB IR No. 3.093b, NEB IR No. 2.118c	Prior to Construction	Complete			Consistent with API 650, Annex I, the new tanks at the Edmonton Terminal have been designed with an under-tank leak detection system. This system features perforated pipes that grade downwards to a sump adjacent to each tank, with monitoring through leak detection wells.
3487	Facilities Engineering	NEB	Tanks, pumps, motors, piping, and other components at the Burnaby Terminal will be protected by sophisticated control and ESD systems.	Application Volume 2, 2-22.	Prior to Construction	Complete			
3489	Facilities Engineering	NEB	Trans Mountain will provide overflow protection in accordance with API 2350. All proposed tanks at the Burnaby Terminal will be equipped with a radar gauging system for liquid level measurement and overflow protection. The overflow protection arrangement will be finalized during the detailed engineering and design phase.	NEB IR No. 3.093b, NEB IR No. 2.118c	Prior to Construction	Complete			
3491	Facilities Engineering	NEB	Trans Mountain will install fire protection systems on or nearby the proposed new tanks at the Burnaby Terminal.	NEB IR No. 4.29b	Prior to Operations	Complete	Superseded by CER Condition	127	Trans Mountain has completed 14 new storage tanks at the Burnaby Terminal which includes a fire protection system which supplies firewater and foam solution. As per Trans Mountain's filing of Condition 127a, Burnaby Terminal's Fire Protection Design Basis is provided (Filing ID C22906).
3492	Facilities Engineering	Living Oceans Society	Trans Mountain will implement additional controls to prevent the discharge of hydrocarbons into storm water including as applicable to the Westridge Marine Terminal: hydrocarbon detectors within secondary containments areas that, if triggered, will cause the automatic closure of the drain valve(s); storm water collection tank(s) (WMT) with hydrocarbon detectors that, if triggered, will cause the automatic closure of the drain valve(s). Multiple tanks with weirs or high/low connections to provide bulk separation of crude oil and water, in an upset condition, are also being considered. In this context, the oil/water separators are the last elements of a multi-faceted system for protecting the environment during storm water discharge. The final configurations and features of the storm water management systems will be determined in the detailed engineering and design phase.	Living Oceans IR No. 1.28a	Prior to Construction	Complete			Proof of completion: Westridge Marine Terminal Storm water Management and Spill Containment Philosophy, Rev B, Sections 3.2, 3.3 and 3.4.
3493	Facilities Engineering	Living Oceans Society	Trans Mountain will implement additional controls to prevent the discharge of hydrocarbons into storm water including, as applicable to the Burnaby Terminal: hydrocarbon detectors within secondary containments areas that, if triggered, will cause the automatic closure of the drain valve(s); an intermediate retention area, with hydrocarbon detectors that, if triggered, will cause the automatic closure of the drain valve(s); and a tertiary containment area.	Living Oceans IR No. 1.28a	Prior to Construction	Complete			

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21	Health and Safety	City of Abbotsford	Trans Mountain commits to no complete closure of the two Ward Roads and one Sumas Road crossings in the City of Abbotsford between Sumas Shale and Jamieson Quarry.	City of Abbotsford IR No. 1.02a	During Construction	Complete			Trans Mountain through collaboration with and approval from the City of Abbotsford have developed a traffic management plan. MoTi permit has also been approved.
30	Health and Safety	City of Burnaby, Fraser Valley Regional District	As part of detailed engineering and construction planning local Traffic Control Plans (TCPs) will be completed in consultation with provincial and municipal authorities. TCPs will take into account traffic volumes to minimize, to the greatest extent possible, the time and quantity of traffic disruption to roadway users.	City Burnaby IR No. 1.35.05k FVRD IR No. 1.32	Prior to Construction	Complete	Superseded by CER Condition	73	The various aspects of this commitment are set out as guiding principles in Trans Mountain's Traffic and Access Control Management Plan (A84149-2), and are addressed at a more detailed level in the area specific Traffic Control Plans that are being filed under Condition 73. Spread 6 see A84149-3 PDF pg 33 Spread 7 see A84149-3 PDF pg 57
37	Health and Safety	Natural Resources Canada	Through its contract documents, Trans Mountain will ensure ongoing consultation between the Prime Contractor and fire management authorities regarding construction schedules, including locations, and for discussions and implementation of planning as it pertains to wildfire danger conditions during the fire season.	GoC NRCan IR No. 1.07.1a	Prior to Construction	Complete	Superseded by CER Condition	64, 89	The aspects of fire prevention planning and fire preparedness and response are addressed in the Health and Safety Management Plan and Project-Specific Safety Plans filed under Condition 64 (as developed in consultation with stakeholders). Response aspect also addressed in the Construction Emergency Response Plans filed under Condition 89.
41	Health and Safety	Regional District of Fraser-Fort George	Trans Mountain Commits to implement Localized Traffic Control Plans (TCPs) to minimize disruption, to the greatest possible extent, to Village and Regional District-owned property, and in consultation with municipal representatives of the Regional District of Fraser-Fort George and Valemount.	RD of Fraser-Fort George IR No. 1.12d	Prior to Construction	Complete	Superseded by CER Condition	73	Prior to submitting Condition 73 Traffic Control Plans for Spread 3 (Filing ID C17345 Cover Letter), Trans Mountain engaged with local authorities, including the Village of Valemount, the Regional District of Fraser Fort George, and provincial authorities (MoTI) with respect to land use and traffic management.
47	Health and Safety	Township of Langley	Trans Mountain will consult with the Township of Langley in the development of the traffic and access management plans, and traffic control plans, to mitigate potential negative effects.	Langley IR No. 1.14e	Prior to Construction	Complete	Superseded by CER Condition	73	Trans Mountain filed its Traffic and Access Control Management Plan under Condition 73 on June 1, 2017 (Filing ID A84151-17). Appendix E shows that relevant governmental authorities including the Township of Langley were consulted. Spread 7 Traffic Control Plans (Filing ID C07610) Section 5.0 summarizes consultation with relevant local authorities.
50	Health and Safety	NEB	To comply with the systematic Safety Management Program approach as required by Section 47 of the NEB Onshore Pipeline Regulations (OPR), an Emergency Response Plan (ERP) will be developed and implemented for TMEP construction. The TMEP ERP for construction will be separate from, and complementary to, the Trans Mountain operations ERP and will lay out the guidelines for the development of the prime contractors' detailed site-specific ERPs. The TMEP ERP for construction will address legislative requirements and be based on recognized industry standards of practice. The site-specific ERPs will address potential construction emergency situations requiring response by TMEP construction resources (as supplied by the prime contractors), Trans Mountain operations resources, or external resources, in keeping with the philosophy of using the most immediately available resources.	Part 2 – Consultation Update No. 1, 2-45	Prior to Construction	Complete	Superseded by CER Condition	89	TMEP developed and implemented a Construction Emergency Response Plan under Condition 89 (Filing ID A84571). Construction contractor ERPs and updates are also filed under Condition 89.
51	Health and Safety	NEB	Trans Mountain will develop detailed traffic estimates as construction and Project planning related to the movement of people, materials and equipment continues. Trans Mountain will also develop further logistics information on transportation modes and routes to be used during the construction phase, as well as timing transportation movements to each construction spread and/or facility location.	Application Volume 5B, 7-129.	Prior to Construction	Complete	Superseded by CER Condition	73	The Traffic and Access Control Management Plan filed under Condition 73 (A84149) includes such traffic estimates.
53	Health and Safety	NEB	Trans Mountain will employ a number of measures to reduce Project-related vehicles and limit the effects associated with construction-related traffic, including providing daily shuttle bus services from staging areas to work sites and for local workers from pre-determined regional staging areas.	Application Volume 5B, 7-129.	Prior to Construction	Complete	Superseded by CER Condition	73	The Traffic and Access Control Management Plan and the specific Traffic Control Plans developed under Condition 73 (e.g. Filing ID A84149-6 at PDF pg 17) examine the locations where work is being completed and seek opportunities to utilize shuttles to transport manpower to and from the sites. TMEP also provides oversight over traffic control measures to ensure effects on traffic volumes are mitigated/minimized. This is done through contractor scheduling in high volume periods such as holiday long weekends. In the Lower Mainland monitoring is maintained to ensure the movement of traffic in high volume corridors.
54	Health and Safety	NEB	Trans Mountain will have a Traffic and Access Control Management Plan and will direct contractors to have Traffic Control Plans, and the Project employ numerous measures to reduce its transportation footprint.	Application Volume 5B, 7-135.	Prior to Construction	Complete	Superseded by CER Condition	73	Under Condition 73, Trans Mountain has filed its overarching Traffic Access and Control Management Plan (A84149) and contractor site-specific Traffic Control Plans.
56	Health and Safety	NEB	Trans Mountain will implement controls, in accordance with the applicable legislative requirements, to prevent damage to over-head and underground power systems during construction.	NEB IR No. 2.080a	Prior to Construction	Complete	Superseded by CER Condition	63	Measures to prevent damage to overhead and underground power systems are set out in the Health and Safety Management Plan (A83607 Section 10 PDF pg 88) and companion Project-Specific Safety Plans being filed under Condition 63. See in particular Section 10 of the Contractor Environmental/Safety Manual included as an appendix to the HSMP (Filing ID A83607 starting at PDF pg 88). As a representative example, please also refer Section 5.7 "Electric Safety and O/H Powerlines" of the PSSP for Spread 5B (Filing ID C13213-2 PDF pages 107 - 108).
57	Health and Safety	NEB	Trans Mountain will make the Code of Conduct available to all workers.	NEB IR No. 1.16c	During Construction	Complete	Superseded by CER Condition	64	All workers are required to undertake a review of the TMEP Worker Code of Conduct as part of the on-boarding and orientation process. This baseline requirement is set out in Appendix C of the TMEP Health and Safety Management Plan Rev 5.0 (Filing ID C15841), Training Requirements (Appendix C Section 4.3, PDF pg 143). Code of Business Ethics and D&A Awareness topics are covered in the TMEP orientation (e.g. OG405) that TMEP workers complete, and is provided to the GCC for completion as well via ISN.

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66	Health and Safety	City of Burnaby, NEB	Trans Mountain will submit to the NEB a Construction Safety Manual 90 days in advance of construction commencing.	NEB IR No. 1.15a, City Burnaby IR No. 1.06.08b	Prior to Construction	Complete	Superseded by CER Condition	64	Trans Mountain filed its TMEP Health and Safety Management Plan under Condition 64 in May 2017 (Filing ID A83607-2). Contractor Project Specific Safety Plans have also been provided in advance of construction under Condition 64 (e.g. Spread 5B PSSP filed in May 2021, Filing ID C13213-2)
77	Health and Safety	NEB	All construction sites with 20 or more workers will be required to establish a Work Place (Joint Worksite) Health and Safety (JWH&S) committee. The purpose of the committee is to review significant incidents and provide feedback on potential corrective actions as well as ensure that issues pertaining to work place health and safety are addressed with worker input.	Application Volume 4B, 4B-50.	During Construction	Complete	Superseded by Legal/Regulatory Requirement		Health and Safety Management Plan Rev 5.0 - Section 13.0 "Scheduled Meetings" references "Joint worksite health and safety meetings" - this is listed as scheduled meetings contractors are expected to complete and review safety information. Each GCC PSSP provides details on the "Health and Safety committee meetings" see example filing ID C17752 section 3.2.4
89	Health and Safety	City of Surrey, City of Vancouver	Trans Mountain will prepare a construction Emergency Response Plan (ERP).	City of Surrey IR No. 1.4h, City of Vancouver IR No. 1.08.02	Prior to Construction	Complete	Superseded by CER Condition	89	TMEP has implemented a Construction Emergency Response Plan as filed under Condition 89 (Filing ID A84571). TMEP has also filed the Site-Specific ERP for Spread 7B as developed by the retained contractor (Filing ID C20273).
93	Health and Safety	Natural Resources Canada	The debris disposal mitigation measures, as they pertain to potential fire hazards, will be incorporated into the Fire Prevention Plan.	GoC NRCAN IR No. 1.07.1b	During Construction	Complete	Superseded by CER Condition	89	This topic is covered in the Construction Safety Manuals filed under Condition 64 (e.g. Filing ID A83607-2 PDF pg 44 Section 27). Forest Fire Protection Plans (FFPPs) are provided for each Spread, Camp and Reactivation. The terminals don't have FFPPs due to their location and lower risk of impact; however, each of those Prime Contractors (KLTP and Cord) have FFPPs for linear or pump station related work that is more remote.
283	Health and Safety	BC Parks, NEB	Prior to construction a danger tree risk assessment will be carried out in accordance with Occupational Health and Safety Regulation to ensure worker safety under WorkSafeBC.	BC Parks boundary adjustment application (August 2014)	Prior to Construction	Complete	Superseded by CER Condition	64	The Danger Tree aspect is explicitly covered in the TMEP Health and Safety Management Plan (e.g. Filing ID A83607-2 Section 39.2 PDF pg 51 and C15851 Section 40.0 at PDF pg 47). The HSMS stipulates that contractors are to follow applicable provincial OHS regulations.
502	Health and Safety	NEB	Site specific safe work procedures and mitigation measures for the Edmonton Terminal will be developed during detailed construction planning.	NEB IR No. 3.93b	Prior to Construction	Complete	Superseded by CER Condition	64	The Project-Specific Safety Plan applicable to the Edmonton Terminal was filed under Condition 64 on March 16, 2018 (Filing ID A90629) and April 6, 2022 (Filing ID C19234). Job Hazard Analysis required to be performed, with Trans Mountain site representatives also providing local oversight.
638	Health and Safety	City of Burnaby	The proposed primary access routes at Burnaby Terminal will be designed and constructed so that emergency response access is available from a minimum of two independent directions.	City Burnaby IR No. 2.030e.iii)	During Construction	Complete			The Burnaby Terminal Traffic Control Plan (Filing ID C08302) provides details on the two primary access points for the terminal.
639	Health and Safety	City of Coquitlam	Trans Mountain will develop localized, detailed Traffic Control Plans (TCP's) in cooperation with selected Contractors and with continued consultation with municipalities where work on public roadways is required, including United Boulevard.	City of Coquitlam IR No. 2.A.1.c	Prior to Construction	Complete	Superseded by CER Condition	73	The Traffic and Access Control Management Plan and the associated Traffic Control Plans have been developed under Condition 73 including in consultation with relevant governmental authorities (including municipalities). United Boulevard in Coquitlam specifically addressed in Section 6.2.6.6 of the TACMP (Filing ID 84149-3), with a reference also drawn in the Temporary Infrastructure submission respecting the 1050 United Boulevard Site (C19448). Discussions and collaboration with involved communities are captured within the Condition 49 Technical Working Group filings (File ID 15378).
648	Health and Safety	The City of Edmonton	Trans Mountain will develop a Traffic and Access Control Management Plan in consultation with the City of Edmonton prior to construction.	City of Edmonton IR No. 2.3a	Prior to Construction	Complete	Superseded by CER Condition	73	Trans Mountain has prepared and implemented an Edmonton Area Traffic Control Plan, developed in consultation with the City of Edmonton.
652	Health and Safety	City of Kamloops	Trans Mountain is committed to consultation with the City of Kamloops on traffic management plans.	City of Kamloops IR No. 2.01g	Prior to Construction	Complete	Superseded by CER Condition	73, 14, 49	The Traffic and Access Control Management Plan developed in consultation with relevant stakeholders including appropriate government authorities (Condition 73). In the case of the City of Kamloops, the Technical Working Group mechanism established under Conditions 14 and 49 provides a key discussion forum.
668	Health and Safety	City of New Westminster	Trans Mountain is committed to working with CN with respect to the Project and current operations to ensure the safety of the public that live and work near facilities.	City New Westminster IR No. 2.E.1.ii	Prior to Construction	Complete			Trans Mountain notes each emergency situation would be different and the response would address the specific circumstances presented. Trans Mountain would work cooperatively with CN and the appropriate authorities with respect to the determination of liability. Trans Mountain Pipeline ULC would manage its claims associated with an oil incident and confirms it is responsible for all of its legal liabilities.
679	Health and Safety	NEB	Trans Mountain commits to having data collection conducted to obtain current corridor level traffic demands in the vicinity of Westridge Marine Terminal access points. The counts will cover the Inlet Drive/Hastings Street corridor as well as residential streets Bayview Drive and Cliff Avenue.	NEB Cond IR No. 3.1.1	Prior to Construction	Complete			
998	Health and Safety	City of Burnaby, Landowner - Frances Hawes	To facilitate movement of all traffic, including pedestrian, cyclist and vehicle traffic, Traffic Control Plans (TCPs) will be established at the Trans Mountain Trail and Burnaby Mountain Urban Trail crossings in consultation with local municipalities. Access and use disruptions will be minimized as possible using low-impact road-crossing construction methods.	Hawes F IR No. 1.2a; NEB Route Hearing Transcript Seg 7 Vol 3 para 1865, 1931	Prior to Construction	Complete	Superseded by CER Condition	73	Traffic Control Plans are developed for all work that may impact motorists, pedestrians, or cyclists. These plans include mitigation strategies for any work might affect cyclists or pedestrians on trails, bike paths, or sidewalks. The City of Burnaby is engaged in the plans with the TMEP Traffic Management Team.
1651	Health and Safety	Sto:lo Collective	As noted in the response to NEB IR No. 1.17d1 (Filing ID A3W9H8), Trans Mountain will develop a Project-specific policy pertaining to substance abuse. The overarching goal of the policy will be to assist the Project in maintaining a safe and productive work environment for all workers and the public, and to minimize pressure on regional medical, social and police services related to alcohol and drug related incidents. As noted in the Socio-Economic Management Plan in Appendix C of	Sto:lo Collective Recommendation #75, #78	Prior to Construction	Complete			As a threshold matter, workers must show up "fit for work" including being free of the effects of drugs (legal, illegal, prescription) and alcohol. This baseline expectation is set out in Sections 8.2 and 26 of the TMEP Health and Safety Management Plan, and also enters Project-Specific Safety Plans. This topic is also addressed in the TMEP Worker Code of Conduct.

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			Volume 6B of the Application, Trans Mountain will adhere to a policy of no tolerance of use or being under the influence of illicit drugs or alcohol during work hours. The policy will also outline guidance and expectations for workers related to medication which may impair their ability to competently carry out job requirements. As noted in the Socio-Economic Management Plan, Trans Mountain will develop mandatory minimum driving standards that will include the prohibition of drug and alcohol influence while operating motor vehicles.						
1654	Health and Safety	Sto:lo Collective	Contractors will be required to adhere to Safety Management Programs and workers will be required to adhere to the employee Code of Conduct which will address substance and alcohol abuse.	Sto:lo Collective Recommendation #76	Prior to Construction	Complete	Superseded by CER Condition	64	The TMEP Health and Safety Management Plan that was filed under Condition 64a included provisions specific to substance and alcohol abuse. Refer in particular to section 27.0 Alcohol and Drugs (Filing ID C15841 PDF pg 40), Contractor Safety Manual (Appendix A Section 4.0, PDF pg 104) Alcohol, Illegal Drugs and Firearms.
2258	Health and Safety	City of Abbotsford	Trans Mountain can commit to developing localized Traffic Control Plans (TCPs) to avoid diverting or delaying quarry truck traffic in the area of Sumas Mountain residential streets and ensuring no complete closure of these roads during normal quarry operation hours such that access is available to the maximum extent possible.	City of Abbotsford IR No. 1.02a	During Construction	Complete			Through consultation with both the City of Abbotsford and affected quarry operators, a traffic management plan was developed.
2577	Health and Safety	NEB	Trans Mountain will report any unintentional fires caused by activities related to access road construction, logging, or debris disposal, it will be reported to the appropriate regulators and controlled. Fire control efforts will be described in the TMEP Fire Response Contingency Plan (FRCP). The FRCP will be completed prior to the commencement of clearing operations.	Application Volume 4B s. 3.4.2.1 p4B-15, Application Volume 4B s. 5.2.6 and 5.2.7	Prior to Construction	Complete	Superseded by CER Condition	89	Fire response contingency plans and associated reporting protocols set out in Construction Emergency Response Plans filed under Condition 89 Fire response included the TMEP ERP Section 14 (PDF pg 33) , Appendix B "Fire/Explosion".
2584	Health and Safety	NEB	The site-specific Traffic Control Plans (TCPs) will consider the use of ferrying at Westridge Marine Terminal as a traffic mitigation measure.	Application Volume 4B s. 4.4.2 p4B-43	Prior to Construction	Complete			Having explored the available options, Trans Mountain opted to use a pre-existing parking lot next to the Lougheed Highway in Coquitlam to support the safe and efficient transportation of personnel to and from the Westridge work site.
2872	Health and Safety	City of Burnaby	Trans Mountain will ensure the Lougheed highway remains open throughout the entire construction phase of the project.	City of Burnaby IR No. 1.43.2a-Response to Motion	During Construction	Complete			Trans Mountain addressed the Lougheed Highway in Section 6.2.6.7 of its Traffic and Access Control Management Plan (A84149-3 PDF pg 75). Guidance provided that there would be no full road closure on the main route, on/off ramps, and crossing roads that may have negative effects on Lougheed Highway/Highway 7 corridor.
3633	Health and Safety	City of Coquitlam	Trans Mountain will complete updated traffic counts in United Boulevard area.	City of Coquitlam Meeting (August 2015)	Prior to Construction	Complete			United Boulevard addressed in Section 6.2.6.6 of the TACMP. filed June 2017, Page 74, Table 2.3.
3634	Health and Safety	City of Kamloops	Trans Mountain will maintain access to Aviation Way, Kamloops during construction (daily access required).	Meeting Notes	During Construction	Complete			Trans Mountain's Traffic Control Plan for Aviation Way provides details on the minimization of impacts to traffic on Aviation Way.
4518	Health and Safety	City of Abbotsford	Trans Mountain commits to providing the City of Abbotsford with Traffic Control Plans in compliance with City permitting requirements.	Condition IR No 41.1	Prior to Construction	Complete			Traffic Control Plans pertaining to the City of Abbotsford, have been provided for review and approval. Condition 73 (CER Filing ID C15040) Section 5.0 provides an engagement summary conducted for Spread 6, including engaging with the City of Abbotsford. See the ROC for engagement with the CoA for all TCPs provided. Example for the Sandy Hill TCP has been documented.
4610	Health and Safety	CER	Trans Mountain commits to updating Condition 89 (Emergency Response Plans for Construction) for the Coldwater West Alternative.	Coldwater Western Alternative Route, Variance Application, January 29, 2021 Letter to CER, pgs. 1,2	Prior to Construction	Complete			Update to Condition 89 addressing the Coldwater Re-route submitted November 2021 (C16102)
1	Indigenous Relations	Upper Nicola Band	Trans Mountain will contact Upper Nicola to arrange a mutually agreeable time to discuss Upper Nicola's "Consultation and Policy Principles" (Draft 8, December 2, 2014).	Upper Nicola Band IR No. 2(c).2(m)	Prior to Construction	Complete			Discussions and collaboration with Upper Nicola have occurred around the "Consultation and Policy Principles".
2	Indigenous Relations	Coldwater Indian Band	Trans Mountain will not pursue on-Reserve routing options without the express consent of the Aboriginal community.	CIB IR No. 1.11	Prior to Construction	No Longer Applicable			Condition 39 addresses the Hydrogeological study at Coldwater Indian Reserve (IR) No. 1, the map (Figure 1, page 6 of 40) in the Condition 39 Summary Report (A7F6Y6), filed with the CER on 2020-05-15, shows that both the Eastern Route and the Western Alternative Route, are outside of the Coldwater Reserve Boundaries.
3	Indigenous Relations	NEB	Trans Mountain will develop a series of technical learning sessions for Ts'elxwéyeqw Tribe Management Limited (TTML) to attend. These sessions are being designed to facilitate open conversation between members of TTML, and Trans Mountain's technical discipline experts regarding the Project's impacts on TTML's interests.	NEB IR No. 3.009	During Construction	Complete			Multiple workshops and meetings have been held with Ts'elxwéyeqw Tribe Management Limited (TTML). TMEP continues to work with TTML.
8	Indigenous Relations	Adams Lake Indian Band	Engagement with Aboriginal groups will continue during and after the regulatory process. Should the Project get approval ongoing engagement with Aboriginal groups will continue during construction.	ALIB IR No. 1.6.06b	Project Lifecycle	Complete	Superseded by CER Condition	96	Engagement with Indigenous groups is ongoing and will continue post-construction. Engagement records are filed in Condition 96 on a semi-annual basis (CER Filing ID A92639, C25028, C22639, C16917).
9	Indigenous Relations	Tsawout First Nation	Trans Mountain will continue to engage with Tsawout First Nation. Any additional information that Tsawout First Nation is able to provide to Trans Mountain, will also be considered in Project planning and design.	Tsawout FN IR No. 2.55b	Prior to Construction	Complete			

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18	Indigenous Relations	Adams Lake Indian Band, Ermieskin Cree Nation, Kelly Lake Cree Nation, Kwantlen First Nation, O'Chiese First Nation, O'Chiese First Nation, Samson Cree Nation, Sucker Creek First Nation, Whitefish (Goodfish) Lake First Nation #128	Trans Mountain will continue to engage Aboriginal communities through all phases of the Project. Site-specific information identified by Aboriginal groups will be reviewed.	ALIB IR No. 1.6.03, Kwantlen FN IR No. 1.01.7, Nations IR No. 1.1.7g, Nations IR No. 1.1.7h, O'Chiese FN IR No. 1.04.3	Project Lifecycle	Complete	Superseded by CER Condition	96	Trans Mountain routinely files Condition 96 with the CER every six months, which details ongoing engagement with Indigenous groups impacted by the project. See Appendix A for a summary of engagement with Indigenous Groups (Example Filing ID C27811, PDF Pg 24).
58	Indigenous Relations	NEB	Trans Mountain will meet with the governments, industry and local Aboriginal communities with respect to the use of merchantable timber.	Application Volume 5B, 7-109.	Project Lifecycle	Complete			Trans Mountain has collaborated with governments, industry and local Indigenous groups on the rights to harvest and marketing strategies for merchantable timber. Plans were put in place from May 2018 to July 2020.
114	Indigenous Relations	NEB	To enhance skill development in support of the Project, Trans Mountain is developing an employment and training policy.	Pre-Application Project Description, p 46.	Prior to Construction	Complete			TMEP Employment Policy filed with the NEB through a consultation update during the hearing (Filing ID A3H854). TMEP Training Policy for Aboriginal Peoples filed with the NEB through a consultation update during the hearing (Filing ID A5L7A4)
397	Indigenous Relations	Province of British Columbia	With respect to marine-based emergency preparedness and response, Trans Mountain is prepared to make an investment, and is discussing same directly with First Nations. Trans Mountain is interested in better understanding how the authorities and governments responsible for marine spill prevention and emergency preparedness related activities will participate.	Province BC IR No. 1.1.22d	Project Lifecycle	Complete	Superseded by BC EAO	11	Through Condition 91 filing and Information Request responses, Trans Mountain provided details on the investment and discussions held with various stakeholders on the interest of marine spill prevention and emergency preparedness.
443	Indigenous Relations	NEB	All Aboriginal Groups that expressed an interest or concern will be contacted 3 months prior to clearing work start to discuss how an opportunity could be developed for Salvageable Timber in their territory, within Spread 1.	NEB IR No. 2.011c	Prior to Construction	Complete			
530	Indigenous Relations	Sto:lo Collective	Trans Mountain is committed to ongoing discussion with the Sto:lo Collective about emerging health issues related to the Project.	Sto:lo Collective Recommendation #79, #80, #81	Project Lifecycle	Complete	Superseded by CER Condition	13, 96	Through Condition 13 (ex. Filing ID A84618), Trans Mountain provides details of monitoring throughout the Project; topic areas include traffic, worker accommodation, worker health, human occupancy and resource use (traditional and non-traditional); sensory disturbance; other regional infrastructure and services; and Aboriginal and non-Aboriginal community way-of-life.
551	Indigenous Relations	Environment Canada	Trans Mountain will work with potentially affected local Aboriginal and Metis communities identified by Parks Canada.	GoC Parks IR No. 2.141	Project Lifecycle	Complete	Superseded by CER Condition	72	As detailed throughout CER Condition 72 Reactivation EPP (Filing ID C11146), Trans Mountain has worked with affected local Indigenous communities identified by Parks Canada throughout the lifespan of the Project.
600	Indigenous Relations	Adams Lake Indian Band	Trans Mountain commits to further engagement with the Adams Lake Indian Band (ALIB) in regard to the plans, programs, initiatives and timelines outlined in ALIB_IR No. 2.06.5a.	ALIB IR No. 2.06.5b	Project Lifecycle	Complete	Superseded by CER Condition	96	Trans Mountain and Adams Lake Indian Band have formed a consultation agreement as of February 20, 2018, with continuous engagement with ALIB regarding different Project aspects have been ongoing.
605	Indigenous Relations	Upper Nicola Band	Trans Mountain will share the final approved Work Plan Procedure and Schedule (WPPSs) and a detailed Drilling Fluids Management Plans (DFMPs) with Upper Nicola, and these plans will be made available no later than one month before prior to construction of the crossing.	Upper Nicola Band IR No. 2(c).02(z)	During Construction	Complete			Trans Mountain provided the documents to Upper Nicola Band on August 12, 2021, September 23, 2021, January 31, 2022, January 5, 2023 and February 22, 2023.
683	Indigenous Relations	NEB	Trans Mountain commits to updating the NEB on any feedback received on Condition 52: Air Emissions Management Plan for the Westridge Marine Terminal in its next filing of Condition 96 – Reports on Aboriginal Engagement – Construction.	NEB Cond IR No. 18.5b, c	Prior to Construction	Complete	Superseded by CER Condition	52	Trans Mountain filed Condition 96 Reports on Aboriginal Engagement - Construction, on December 21, 2018 (Filing ID A96940-1), feedback received on Condition 52 can be found throughout the filing (PDF Pgs. 446, 655, 843, 873).
697	Indigenous Relations	Horse Lake First Nation	Trans Mountain is committed to continued engagement with Aboriginal groups that are directly impacted and are interested in providing traditional knowledge as it relates to the location and construction of the Trans Mountain Expansion Project and will continue to discuss proposed mitigation and enhancement measures.	Horse Lake FN IR No. 2.1b (PDF page 2), Horse Lake FN IR No. 2.3a (PDF page 8)	Project Lifecycle	Complete	Superseded by CER Condition	72	Trans Mountain provides details in Condition 96 on engagement with Indigenous Groups including Horse Lake First Nations (Filing ID C27811, PDF Page 367). Additionally, Condition 72 (CER Filing ID C20382), provides details of engagement with potentially affected Indigenous groups with regards to traditional land use.
698	Indigenous Relations	Horse Lake First Nation	Trans Mountain will notify Horse Lake First Nation of the construction schedule in the vicinity of their community two weeks prior to the start of construction, within Spread 1.	Horse Lake FN IR No. 2.3d	Prior to Construction	Complete			TMEP provided a Construction Notification to Horse Lake First Nation on December 20, 2019.
854	Indigenous Relations	Stk'emlupsemc Te Secwepemc	Trans Mountain will consult with the Stk'emlupsemc Te Secwepemc (SSN) on access control measures within the SSN territory.	SSN IR No. 2.32.1	During Construction	Complete			Proof of completion is the Record of Engagement in Condition 96.
859	Indigenous Relations	Samson Cree Nation	Should the Project be granted approval, Trans Mountain will implement measures to manage access during construction with the objectives of safety for Project participants and the public and to minimize Project Environmental disturbance. Trans Mountain will work with traditional land and resource users to select designated access locations for crossings over the construction right-of-way to allow safe access to traditional land.	Samson Cree Nation IR No. 2.1.9	During Construction	Complete			Stake Tracker shows distribution of the Access Management Plan originally filed with the CER that addresses Access issues to Traditional Lands and Project ROW.
866	Indigenous Relations	Matsqui First Nation	Trans Mountain is committed to transparency and will provide the results of the risk assessment to Matsqui First Nation upon completion of the detailed design.	Matsqui FN IR No. 2.09.b	Prior to Construction	Complete			Proof of completion is the Record of Communication (ROC).
870	Indigenous Relations	NEB	Trans Mountain commits to updating the NEB on any feedback received on Condition 81: Westridge Marine Terminal Environmental Protection Plan in its next filing of Condition 96 – Reports on Aboriginal Engagement – Construction.	NEB Cond IR No. 25.2	Project Lifecycle	Complete	Superseded by CER Condition	96	December 12, 2019 - Condition 96 Reports on Aboriginal Engagement - Construction (Filing ID A88864-2, Engagement Logs, PDF Pages 27-140), PDF pg 73, 104 (April 11, 2017 - In person meeting), 107 (May 31, 2017 - In person meeting), 109 (June 29, 2017), 120, 122. Through Condition 81 filing,

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									referenced in Appendix F, Trans Mountain provides details on the feedback received from consultation and engagement activities (Filing ID A83747-2 PDF pg 83)
874	Indigenous Relations	Cheam First Nation and Chawathil First Nation	Workshops focused on the Environmental Protection Plan (EPP) and Emergency Response Plan (ERP) are tentatively scheduled to take place along the proposed Project right of way, starting in Q2; Cheam and Chawathil will be invited to attend both workshops.	Cheam and Chawathil FN IR No. 2(b).2.1.d	Prior to Construction	Complete			Cheam First Nation and Chawathil First Nation were invited to the workshop on September 9, 2015.
896	Indigenous Relations	Sto:lo Collective	Trans Mountain is committed to working in partnership with the Sto:lo Collective to develop a series of workshops to discuss questions and address concerns. The workshop series will be confirmed in Q1, 2015.	Sto:lo Collective Recommendation #2	Project Lifecycle	Complete			Condition 96 demonstrates our ongoing engagement with the Stó:lō Collective on topics including a series of workshops to discuss questions and address concerns.
932	Indigenous Relations	NEB	Trans Mountain will notify potentially affected Aboriginal groups about the proposed final Fraser Valley/Cheam camp location, with the invitation to provide comments on the final location.	NEB Cond IR No. 54.3	Prior to Construction	Complete			Trans Mountain notified affected parties in May 2020 regarding the Fraser Valley / Cheam camp location.
937	Indigenous Relations	Tsawout First Nation	Trans Mountain will continue to engage Tsawout First Nation through all phases of the Project. Traditional resource use information received from Tsawout First Nation will be reviewed in order to confirm literature results and mitigation measures including those found in the Environmental Protection Plans. Any additional site-specific mitigation measures resulting from these studies will be provided in the updated Environmental Protection Plans.	Tsawout FN IR No. 2.56a	Project Lifecycle	Complete			Trans Mountain has met continuously with Tsawout First Nation through all phases of the Project via workshops to discuss matters that include the use of traditional resources, project scheduling and construction updates. Trans Mountain reviewed the Tsawout Marine Use Study when received and attempted to meet with Tsawout to discuss, which Tsawout denied. In lieu, Tsawout was invited to engage on Trans Mountain's filings for BCEAO Conditions 38 (Human Health Risk Report) and 39 (Shoreline Existing Conditions Data Report), at which point Trans Mountain would have considered any concerns raised regarding traditional resource use information. No such information was provided by Tsawout. Trans Mountain reports on ongoing engagement with indigenous groups including Tsawout First Nation reported in Condition 96 (Filing ID C27911).
938	Indigenous Relations	Tsawout First Nation	Trans Mountain is prepared to meet with the Tsawout First Nation following receipt of its Traditional Marine Resource Use (TRMU) to review the findings of the report. Trans Mountain is willing to review and incorporate any appropriate mitigation measures into the updated Environmental protection plans that have not already been captured.	Tsawout FN IR No. 2.65d	Project Lifecycle	Complete			Trans Mountain has met continuously with Tsawout First Nation through all phases of the Project via workshops to discuss matters that include the use of traditional resources, project scheduling and construction updates. Trans Mountain reviewed the Tsawout Marine Use Study when received and attempted to meet with Tsawout to discuss, which Tsawout denied. In lieu, Tsawout was invited to engage on Trans Mountain's filings for BCEAO Conditions 38 (Human Health Risk Report) and 39 (Shoreline Existing Conditions Data Report), at which point Trans Mountain would have considered any concerns raised regarding traditional resource use information. No such information was provided by Tsawout. Trans Mountain reports on ongoing engagement with indigenous groups including Tsawout First Nation are reported in Condition 96 filings (Filing ID C27911).
1006	Indigenous Relations	Sto:lo Collective	Trans Mountain commits to continue engagement with the members of the Sto:lo Collective to identify traffic mitigation measures related to construction of the TMEP.	August 11, 2014 Letter from Sto:lo Collective to Trans Mountain	Project Lifecycle	Complete			Trans Mountain has continuously engaged with Sto:lo Collective through roundtable meeting formats on matters including traffic mitigation in relation to construction of the Trans Mountain Expansion Project. Additionally, see Trans Mountain's Traffic Access and Control Management Plan filed under CER Condition 73 (Filing ID A84149-2).
1095	Indigenous Relations	NEB	Trans Mountain commits to reporting any feedback received from Simpcw First Nation in the next filing of Condition 96 – Reports on Aboriginal Engagement.	NEB Cond IR No. 56.1	Project Lifecycle	Complete	Superseded by CER Condition	96, 97	Trans Mountain provided an update to Condition 96 Reports on Engagement with Aboriginal Groups - Construction (Filing ID A96940-1) on December 21, 2018.
1613	Indigenous Relations	Sto:lo Collective	In partnership with Sto:lo representatives, Trans Mountain commits to developing a mutually agreeable process for continued engagement.	Sto:lo Collective Recommendation #4, #64	Project Lifecycle	Complete			On May 12, 2017, a tri-partite agreement was signed with the S'ólh Téméxw Stewardship (STSA), the BC Oil and Gas Commission (formerly the BCOGC, now known as the BC Energy Regulator), and Trans Mountain outlining the Terms of Reference for Consulting. On August 15, 2017, Trans Mountain signed a confidential capacity funding agreement that continues to 2024 and beyond.
1614	Indigenous Relations	Sto:lo Collective	Sto:lo representatives will be provided an opportunity to provide input on proposed locations for hydrostatic test water withdrawal and release.	Sto:lo Collective Recommendation #6	During Construction	Complete	Superseded by CER Condition	113	Trans Mountain provided Indigenous communities, including Sto:lo Collective, with the opportunity to provide input into the Condition 113 hydrotesting plans per Spread as detailed in the CER Condition filings (Filing ID Spread 7B C24396, Spread 6 & 7A C25021 and Spread 5B C23625).
1623	Indigenous Relations	Sto:lo Collective	Trans Mountain commits to discussing with Sto:lo funding for improvements to access and infrastructure in support of fishing as determined by Sto:lo representatives.	Sto:lo Collective Recommendation #22	Project Lifecycle	Complete			Trans Mountain through discussions with Sto:lo have collaboratively agreed upon terms to support improvements of access and infrastructure.
1624	Indigenous Relations	Sto:lo Collective	Trans Mountain commits to discussing funding for additional vegetation studies with the Sto:lo representatives.	Sto:lo Collective Recommendation #23, #27, #62	Project Lifecycle	Complete			Trans Mountain through discussions with Sto:lo have collaboratively agreed upon terms to support vegetation studies.
1626	Indigenous Relations	Sto:lo Collective	Trans Mountain will provide updated maps to Sto:lo representatives to illustrate existing and new accesses required to support pipeline construction.	Sto:lo Collective Recommendation #31	Project Lifecycle	Complete			Each access road and each access point in S'ólh Téméxw (aka Stó:lō Traditional Territory) went through the BC Ministry of Transportation and Infrastructure (MoTI) permit process. Each permit included detailed mapping of each access road in S'ólh Téméxw (aka Stó:lō Traditional Territory). The MoTI permitting referrals were sent via Stó:lōConnect.

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1633	Indigenous Relations	Sto:lo Collective	Trans Mountain is open to discussing a Sto:lo-specific construction communication plan or a community liaison.	Sto:lo Collective Recommendation #44	Project Lifecycle	Complete			Trans Mountain has been working with Sto:lo Collective by coming to an agreement through the Mutual Benefit Agreement which was signed on April 15, 2020 between Trans Mountain and Ts'elxweyeqw Tribe (TTML). As well, a Master Service Subconsultant Agreement was signed between Trans Mountain and Stó:ló Research and Resource Management Centre (SRRMC) on October 16, 2021. Both documents are confidential.
1639	Indigenous Relations	Sto:lo Collective	Trans Mountain welcomes the opportunity to discuss funding for cultural programs and events.	Sto:lo Collective Recommendation #58, #59	Project Lifecycle	Complete			Trans Mountain through discussions with Sto:lo have collaboratively agreed upon terms to support cultural programs and events.
1643	Indigenous Relations	Sto:lo Collective	Trans Mountain is committed to working with Sto:lo representatives to minimize scheduling conflicts and requests that key dates are provided to Trans Mountain six months prior to construction for the inclusion in final construction planning.	Sto:lo Collective Recommendation #65	Project Lifecycle	Complete			Trans Mountain has met continuously with Sto:lo representatives through the round table format to discuss matters that include construction scheduling, project updates, and permitting timelines.
1650	Indigenous Relations	Sto:lo Collective	As noted in section 8.4.11 of the Socio-Economic Management Plan in Appendix C of Volume 6B (Filing ID A3S2S3), Trans Mountain is committed to establishing a process by which community members can raise complaints or concerns related to Project activities or workers. Trans Mountain will ensure this process includes protocols for timely follow-up by Trans Mountain and/or its Contractors and transparent issue resolution. Trans Mountain will communicate this process to communities.	Sto:lo Collective Recommendation #74	Project Lifecycle	Complete	Superseded by CER Condition	13	Proof of communication was provided to the CER in the Compliance Verification Activity (CVA) conducted in March 2021 - 2021-395 - Response to Commitment 1650 adequately addresses the commitment.
1655	Indigenous Relations	Sto:lo Collective and Ts'elxweyeqw Tribe	Trans Mountain has committed to communicating with local health authorities, including the First Nations Health Authority, on the 1) timing of the Project, 2) duration of stay in the local community, 3) expected number of people coming into the area and onsite health care plans.	Sto:lo Collective Recommendation #79, #80, #81	Project Lifecycle	Complete			Trans Mountain has communicated to local authorities including First Nations Health Authority through email communications regarding traffic, working accommodation, worker health, human occupancy and resource use (traditional and non-traditional sensory disturbance; other Project details as provided in Condition 13 and Socio-Economic Effects Monitoring Plan (SSEMP) (ex. Filing ID A84618).
1656	Indigenous Relations	Sto:lo Collective	Trans Mountain is committed to continued engagement with Sto:lo representatives to discuss funding opportunities related to policing.	Sto:lo Collective Recommendation #83	Project Lifecycle	Complete			Trans Mountain has had continuous and ongoing engagement with Sto:lo through out the duration of the Project to discuss a variety of topics, including funding opportunities. The budget for policing was discussed in 2019 wherein Sto:lo proposed a budget for policing. This proposal was ultimately rejected by Trans Mountain, and the topic has not been raised by Sto:lo since the initial budget was approved and implemented.
1659	Indigenous Relations	Sto:lo Collective	Trans Mountain can commit to engagement with the Sto:lo Collective prior to commencing construction to discuss any potential issues in regard to the Construction Safety Manuals.	Sto:lo Collective Recommendation #87	Project Lifecycle	Complete			Trans Mountain engages with Sto:lo Collective, which includes discussions on construction safety, no issues in regards to Construction Safety Manuals have been raised to date.
1660	Indigenous Relations	Sto:lo Collective	90 days prior to the start of construction, Trans Mountain will provide copies of the schedule of construction activities within S'ólh Téméxw, the Environmental Alignment Sheets; and the Plan, Profile and Book or Reference (PPBoR) that defines the construction footprint.	Sto:lo Collective Recommendation #88	Project Lifecycle	Complete			Environmental Alignment Sheets were provided to Sto:lo in Trans Mountain's response to Sto:lo's statement of opposition and clarification (CER Filing ID C04751). Trans Mountain was also involved in ongoing engagement with Sto:lo representatives on topics such as project scheduling and construction updates, which included providing construction notifications. Trans Mountain filed their updated PPBoR sheets in stages beginning July 2019 (Filing ID C04751-1, PDF Page 5), all of which are publicly available on the CER's website. Notifications of these filings were sent by the CER to potentially affected Indigenous groups.
1661	Indigenous Relations	Sto:lo Collective	Trans Mountain welcomes the opportunity to discuss the establishment of a scholarship program for Sto:lo students.	Sto:lo Collective Recommendation #89	Project Lifecycle	Complete			A Compensation Funding Agreement with Sto:lo has been put in place where funding is provided to be used for the promotion of heritage, health, and well-being of the Sto:lo people.
1699	Indigenous Relations	Sto:lo Collective	Trans Mountain is committed to continued engagement with Stó:ló to discuss the Project and the potential Project related effects on Stó:ló; specific to the Environmental Protection Plan and mitigation measures utilized to minimize Project related effects as identified in the Integrated Cultural Assessment Report.	Reply Evidence 7.15 Stó:ló Collective - p10 - line 38	Project Lifecycle	Complete			As detailed in TMEP Written Evidence for S'ólh Téméxw Stewardship Alliance (STSA) CER Filing, TMEP and Sto:lo Collective, developed the Confidential Management Measures Table that outlined locations identified in the Collective's Cultural Heritage Overview Assessment (CHOA) and Integrated Cultural Assessment (ICA) Report (CER Filing ID C04751-2 PDF pg 308 "April 2019 Update").
1882	Indigenous Relations	NEB	Trans Mountain will create an online employment communications tool where potential workers who are interested in employment can register to receive regular updates on employment opportunities.	Application Volume 5B, 7-43.	Prior to Construction	Complete			Proof of completion: https://www.transmountain.com/jobs .
2149	Indigenous Relations	NEB	Trans Mountain intends to file Consultation Update #3, including a summary of all consultation activities between May 1, 2014 and October 31, 2014 in Q4 2014 or Q1 2015.	NEB IR No. 2.009a	Prior to Construction	Complete			Trans Mountain Response to NEB IR No. 3.005a (NEB Filing A4H1W3) was filed on February 3, 2015
2899	Indigenous Relations	NEB	Trans Mountain is committed to provide any further engagement log updates and future information requests (IR's) for any First Nation on Vancouver Fraser Port Authority DBA Port Metro Vancouver (PMV) list [First Nations with traditional territories that intersect the specific project area where the proposed Westridge Terminal enhancements/in water works will be located and, First Nations with traditional territories that intersect the navigational route within PMV jurisdiction].	Consultation Update No. 3 - Part 1, Table 1.22, NEB IR No. 3.005a Attachment 1-Part 2	Prior to Construction	Complete			Proof of completion is Condition 96 filings.
3209	Indigenous Relations	Sto:lo Collective	Trans Mountain will file a Supplemental Traditional Land and Resource Use Technical Report, including a list of issues raised by Sto:lo Collective and responses from Trans Mountain.	Sto:lo Collective Attachment - Table 2d	Prior to Construction	Complete			Supplemental Traditional Land and Resource Use (TLRU) Technical Report (TDR) in Section 4.4.4 [Filing ID: A3Z4Z2] includes a table of issues and

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									concerns raised by Sto:lo Collective and Trans Mountain's response to these issues.
3213	Indigenous Relations	Horse Lake First Nation	Trans Mountain will notify Horse Lake First Nation of the construction schedule in the vicinity of their community two weeks prior to the start of construction within Spread 2.	Horse Lake FN IR No. 2.3d	Prior to Construction	Complete			Construction Notice for Spread 2 was communicated to Horse Lake First Nation for construction detailing a series of phased activities along the ROW.
3214	Indigenous Relations	Horse Lake First Nation	Trans Mountain will notify Horse Lake First Nation of the construction schedule in the vicinity of their community two weeks prior to the start of construction for the Edson Transmission Line.	Horse Lake FN IR No. 2.3d	Prior to Construction	Complete			Team Member sent Construction Notice by email on July 20, 2020.
3227	Indigenous Relations	Simpco First Nation	Trans Mountain will review the preliminary plot plans for the proposed new pump stations with the Simpco First Nation, upon their request, when the plot plans are available, anticipated by the end of 2014.	SIMPFW F N IR No. 1.047b	Prior to Construction	Complete			Simpco First Nation did not request the preliminary plot plans and no further concerns were raised.
3586	Indigenous Relations	Sto:lo Collective	Trans Mountain is committed to the Traffic Mitigation Measures as part of the Socio-Economic Mitigation and Enhancement measures outlined in the TMEP Facility Application (Volume 6B, Section 8.4.3, Appendix C). Trans Mountain will continue engagement with Sto:lo on Recommendation 66 of their August 11, 2014 letter to Trans Mountain, but this recommendation requires Sto:lo representatives to identify necessary, supporting information 6 months prior to construction.	August 11, 2014 Letter from Sto:lo Collective to Trans Mountain	Project Lifecycle	Complete			Commitment addressed through Condition 73 - Traffic Access and Control Management Plan. Trans Mountain has met continuously with Sto:lo representatives through the round table format to discuss matters that include construction scheduling, project updates, and socio-economic issues including traffic management.
3592	Indigenous Relations	Sto:lo Collective	Trans Mountain will engage with Sto:lo representatives prior to commencing construction to discuss any potential issues in regard to the Traffic and Access Control Management Plan (TACMP), at Westridge Marine Terminal: a) Routes will be included for construction access. b) Bussing or other worker transport management for construction workers - To be determined upon completion of the detailed engineering and construction, to be part of the proposed TACMP. c) Traffic supervision plans during construction to identify any access routes that have higher than predicted traffic and/or delays - Refer to b. d) Acceptable driving behaviour in S'ólh Téméxw - Minimum standards will be part of the TACMP for personnel driving Project related vehicles which will be a part of the TACMP or the Health and Safety Management Plan for the Project. The Health and Safety Management Plan will be filed with the NEB as per Draft Condition 38, 90 Days prior to the start of construction. e) Schedules for the trucking of heavy loads to avoid peak traffic times and heavily-used intersections. - Refer to b. f) The TACMP (or sub-plans as developed by the Contractor selected for construction) will prohibit no-construction parking/staging areas along key access routes to Big houses, boat launches, trailheads near bathing sites.	Sto:lo Collective Recommendation #60, #66, #82	Project Lifecycle	Complete			Trans Mountains Access Control Management Plan for Westridge Marine Terminal was provided to Sto:lo representatives in which feedback was welcomed and received. Through Condition 73, information on engagement (CER Filing ID A84151-17) and the plan details are provided.
3849	Indigenous Relations	NEB	Trans Mountain is committed to provide any further engagement log updates and future information requests (IR's) for any First Nation on Vancouver Fraser Port Authority DBA Port Metro Vancouver (PMV) list [First Nations with traditional territories that intersect the specific project area where the proposed Westridge Terminal enhancements/in water works will be located and, First Nations with traditional territories that intersect the navigational route within PMV jurisdiction].	Consultation Update No. 3 - Part 1, Table 1.22, NEB IR No. 3.005a-Attachment 1-Part 2	Prior to Construction	Complete			This commitment pertained solely to the VFPA development permit application for the Westridge Marine Terminal expansion. Applications are required to contain the subject information which is then disseminated through the VFPA and its consultation efforts. VFPA confirmed in March 2018 that the commitment was complete.
3888	Indigenous Relations	NEB	Trans Mountain commits to updating the NEB on any feedback received on Condition 56: Grizzly Bear Mitigation Plan in its next filing of Condition 96 – Reports on Aboriginal Engagement – Construction.	NEB Cond IR No. 26.8	Project Lifecycle	Complete	Superseded by CER Condition	96	December 21, 2017 - Condition 96: Reports on Engagement with Aboriginal Groups - Construction (Filing ID A88864) - no feedback. December 21, 2018 - Condition 96: Reports on Engagement with Aboriginal Groups - Construction (Filing ID A96940) (PDF pg 660)
3889	Indigenous Relations	NEB	Trans Mountain commits to updating the NEB on any feedback received on Condition 47: Access Management Plan in its next filing of Condition 96 – Reports on Aboriginal Engagement – Construction.	NEB Cond IR No. 27.13	Project Lifecycle	Complete	Superseded by CER Condition	96	Trans Mountain filed CER Condition 96 on December 21, 2017 (Filing ID A88864 example PDF pg 53, 156, 160) which provided details on plans provided to Indigenous groups and feedback received to date.
3896	Indigenous Relations	NEB	Trans Mountain commits to updating the NEB on any feedback received on Condition 44 Plans in its next filing of Condition 96 – Reports on Aboriginal Engagement – Construction.	NEB Cond IR No. 28.24	Project Lifecycle	Complete	Superseded by CER Condition	96	Trans Mountain provides details on the feedback received on Condition 44 in the December 21, 2018 filing of CER Condition 96 Reports on Engagement with Aboriginal Groups - Construction - (Filing ID A96940-1). Appendix B-3, Issues and Resolution Tables, PDF Pgs. 550-888. Any further comments are captured in C96 filings that are provided semi-annually, this was the first report that provides feedback on Condition 44 rare and endangered species.
3901	Indigenous Relations	NEB	Trans Mountain commits to updating the NEB on any feedback received on the Condition 71: Riparian Habitat Management Plan in its next filing of Condition 96 – Reports on Aboriginal Engagement – Construction.	NEB Cond IR No. 29.1	Prior to Construction	Complete	Superseded by CER Condition	71	Trans Mountain provided updates on feedback from Indigenous groups in CER Condition 96 filed on December 21, 2018 Report on Engagement with Aboriginal Groups - Construction (Filing ID A96940-1 PDF Pgs. 438-891) - Example PDF pg 460, 615
3904	Indigenous Relations	NEB	Trans Mountain commits to updating the NEB on any feedback received on Condition 79: Air Emissions Management Plan for the Edmonton, Sumas and Burnaby Terminals in its next filing of Condition 96 – Reports on Aboriginal Engagement – Construction.	NEB Cond IR No. 32.1; NEB Cond IR No. 32.2	Project Lifecycle	Complete	Superseded by CER Condition	96	Trans Mountain provided the next filing of Condition 96 on December 21, 2018 where details on engagement with Indigenous Groups are provided, there was no feedback from Indigenous Groups for Condition 79 (Filing ID A96940-1) at this time.
3913	Indigenous Relations	NEB	Trans Mountain commits to filing an updated summaries of its consultation with Aboriginal groups on all ambient monitoring requirements, including the location of monitoring stations, in its next filing of Condition 96 – Reports on Aboriginal Engagement – Construction.	NEB Cond IR No. 32.4	Project Lifecycle	Complete	Superseded by CER Condition	96	Trans Mountain provided an update of consultation with Indigenous Groups in its December 21, 2018 filing of CER Condition 96 Reports on Engagement with Aboriginal Groups - Construction (A96940) where in Appendix B3 (PDF Pgs. 443, 446, 615, 843) a summary on ambient monitoring requirements consultations are provided. Furthermore, Trans Mountain provided details on this topic in January 19, 2021 in the CER Condition 96 filing (C11031 - Appendix B, PDF Pgs. 437, 490, 492, 493, 494), and also in June 23, 2021 - C96 (C137045) - Appendix B, PDF Pgs. 740, 742, 745, 1115).

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3914	Indigenous Relations	NEB	Trans Mountain commits to updating the NEB on any feedback received on Condition 76: Old Growth Management Mitigation and Replacement Plan in its next filing of Condition 96 – Reports on Aboriginal Engagement – Construction.	NEB Cond IR No. 37.1	Project Lifecycle	Complete	Superseded by CER Condition	96	Trans Mountain provides updates on feedback from Indigenous groups through CER Condition 96 filings. Condition 76: Old Growth Management Mitigation and Replacement Plan feedback can be found in Condition 96 filings on June 21, 2018 (Filing ID A92639-1) in Appendix B (PDF Pg. 613) and on December 21, 2018 (Filing ID A96940-1) in Appendix B (PDF Pgs. 206-855).
3920	Indigenous Relations	NEB	Trans Mountain commits to updating the NEB on any feedback received on the Facilities Environmental Protection Plan (Condition 78) in its next filing of Condition 96 – Reports on Aboriginal Engagement – Construction.	NEB Cond IR No. 39.6	Project Lifecycle	Complete	Superseded by CER Condition	96	Trans Mountain provides updates on feedback received from Indigenous groups in the CER Condition 96 filings, these are filed every 6 months. On December 21, 2018 Condition 96 Reports on Engagement with Aboriginal Groups - Construction (Filing ID A96940-1 PDF Pgs. 456-864) was filed, and provides feedback received on the Facilities Environmental Protection Plan.
3929	Indigenous Relations	NEB	Trans Mountain commits to updating the NEB on any feedback received on the Burnaby Mountain Tunnel Environmental Protection Plan in its next filing of Condition 96 – Reports on Aboriginal Engagement – Construction.	NEB Cond IR No. 40.17	Project Lifecycle	Complete	Superseded by CER Condition	96	Trans Mountain provides updates on feedback with Indigenous Groups in the CER Condition 96 Reports on Engagement with Aboriginal Groups - Construction filings. The next Condition 96 filing to include feedback on the Burnaby Mountain Tunnel Environmental Protection Plan was filed on June 21, 2017 (A84533-9), another in June 21, 2018 (Filing ID A92639) and December 21, 2018 (Filing ID A96940-1).
3944	Indigenous Relations	NEB	Trans Mountain commits to updating the NEB on any feedback received on the Environmental and socio-economic assessment - s.58 temporary construction lands and infrastructure (Condition 60) in its next filing of Condition 96 – Reports on Aboriginal Engagement – Construction.	NEB Cond IR No. 42.2	Project Lifecycle	Complete	Superseded by CER Condition	96	Issues and concerns related to temporary construction lands and infrastructure raised during Aboriginal engagement from between early 2012 to August 2017 were reported in Condition 60: Environmental and Socio-Economic Assessment S.58. Feedback from various Indigenous groups were documented and filed in Condition 96 (Filing ID A92639 and subsequent filings).
3960	Indigenous Relations	NEB	Trans Mountain commits to updating the NEB on any feedback received on the Traditional Land Use and Traditional Marine Resource Use Investigation Report (Condition 97) from Coldwater Indian Band, Cook's Ferry Indian Band, Siska Indian Band and Boston Bar First Nation, Sucker Creek First Nation, Sunchild First Nation, Alexander First Nation and Shackan Indian Band in the next filing of Condition 96 – Reports on Aboriginal Engagement – Construction.	NEB Cond IR No. 46.3	Project Lifecycle	Complete	Superseded by CER Condition	96	Traditional Land Use and Traditional Marine Resource Use Investigation Report feedback has been documented in Condition 96 reports filed to the CER starting in June of 2018 (A92639). Feedback from various Indigenous groups are documented and filed in the CER Condition 96 semi-annual report.
3975	Indigenous Relations	NEB	Trans Mountain commits to updating the NEB on any feedback received on the Pipeline Environmental Protection Plan in its next filing of Condition 96 – Reports on Aboriginal Engagement – Construction.	NEB Cond IR No. 40.7	Project Lifecycle	Complete	Superseded by CER Condition	96	Trans Mountain provided the next CER Condition 96 filing on December 21, 2018 (Filing ID A96940-1), where feedback from Indigenous groups on the Pipeline Environmental Plan are provided throughout the plan (see specific example PDF pg 448 para 4).
4001	Indigenous Relations	NEB	Trans Mountain commits to updating the NEB on any feedback received on Condition 73: Traffic Control Plans for Public Roadways in its next filing of Condition 96 – Reports on Aboriginal Engagement – Construction.	NEB Cond IR No. 31.2b	Project Lifecycle	Complete	Superseded by CER Condition	96	Trans Mountain filed the next CER Condition 96 filing on December 21, 2018 (Filing ID A96940-1), where in Appendix B feedback on Condition 73 is provided throughout.
4009	Indigenous Relations	NEB	All Aboriginal Groups that expressed an interest or concern will be contacted 3 months prior to clearing work to discuss how an opportunity could be developed for Salvageable Timber in their territory, within Spread 2.	NEB IR No. 2.011c	Prior to Construction	Complete			
4010	Indigenous Relations	NEB	All Aboriginal Groups that expressed an interest or concern will be contacted 3 months prior to clearing work to discuss how an opportunity could be developed for Salvageable Timber in their territory, within Spread 3.	NEB IR No. 2.011c	Prior to Construction	Complete			Salvageable Timber was offered to Aboriginal Groups in Spread 3
4011	Indigenous Relations	NEB	All Aboriginal Groups that expressed an interest or concern will be contacted 3 months prior to clearing work to discuss how an opportunity could be developed for Salvageable Timber in their territory, within Spread 4A, 4B.	NEB IR No. 2.011c	Prior to Construction	Complete			Salvageable Timber was discussed to Aboriginal Groups in Spread 4A, 4B
4012	Indigenous Relations	NEB	All Aboriginal Groups that expressed an interest or concern will be contacted 3 months prior to clearing work to discuss how an opportunity could be developed for Salvageable Timber in their territory, within Spread 5A.	NEB IR No. 2.011c	Prior to Construction	Complete			Trans Mountain through telephone, email and in person engagement have provided Salvageable Timber opportunities including updates on the Timber Marketing Plans and Harvest Plans.
4013	Indigenous Relations	NEB	All Aboriginal Groups that expressed an interest or concern will be contacted 3 months prior to clearing work to discuss how an opportunity could be developed for Salvageable Timber in their territory, within Spread 5B.	NEB IR No. 2.011c	Prior to Construction	Complete			
4014	Indigenous Relations	NEB	All Aboriginal Groups that expressed an interest or concern will be contacted 3 months prior to clearing work to discuss how an opportunity could be developed for Salvageable Timber in their territory, within Spread 6.	NEB IR No. 2.011c	Prior to Construction	Complete			Team Member emailed group representatives and provided an offer to deliver firewood grade logs to the community from timber harvested on the Project footprint in Spread 6.
4488	Indigenous Relations	Ts'elxweyewqw Tribe Management Limited (TTML)	Trans Mountain commits to involving Ts'elxweyewqw Tribe Management Ltd (TTML) in construction monitoring.	CER Condition IR No. 1.b.1	During Construction	Complete			Condition 96 demonstrates our ongoing engagement with the Ts'elxweyewqw Tribe Management Limited (TTML) on topics including construction monitoring. Commitment will be addressed by further engagement activities to be undertaken. Proof of completion will be the Records of engagement within Condition 96.
4534	Indigenous Relations	Landowner - Semá:th First Nation (Semá:th)	Trans Mountain commits to working with the STSA and Sto:lo communities to fully understand the potential impacts of the expansion project on Sto:lo interests and work collaboratively to address adverse impacts in a respectful, reasonable and timely manner.	Provincial Permitting Engagement, Written Evidence, Appendix H, pg. 69	Project Lifecycle	Complete			BCOGC, STSA (Sto:lo Collective) and Trans Mountain have collaboratively developed the Confidential Agreement "Consultation Terms of Reference" (TOR) to guide their interactions, create a mutually beneficial consultative process, and build and sustain a collaborative working relationship for all Provincial Authorizations under the Commission's regulatory jurisdiction related to the TMEP and located within the S'olh Temexw.

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27	Lands and ROW	City of Abbotsford	Trans Mountain will develop and implement a restoration plan for Ledgeview Golf Course.	City of Abbotsford IR No.1.25b.i	Project Lifecycle	Complete			An agreement between Trans Mountain and Ledgeview Golf Course was signed on December 4, 2020 providing details of the restoration and reclamation plans for the golf course.
82	Lands and ROW	Burnaby Teachers' Association	Trans Mountain Pipeline ULC can guarantee that no school will be expropriated in order to construct the Trans Mountain Expansion Project.	BTA IR No. 1.1	Prior to Construction	Complete	Superseded by Legal/Regulatory Requirement		The CER Act does not provide authority to pipeline companies to expropriate lands, nor do they have the authority to grant an expropriation. Section 321 of the CER Act states "... a company may acquire or lease lands for a pipeline under a land acquisition or lease agreement entered into between the company and the owner of the lands or, in the absence of such an agreement, in accordance with this Part".
155	Lands and ROW	City of Burnaby	Trans Mountain will make agreements with and abide by all permit requirements from the Canadian National Railway and the Burlington Northern Santa Fe Railway.	City Burnaby IR No. 1.43.02s	Prior to Construction	Complete	Superseded by Legal/Regulatory Requirement		Transport Canada, Standards Respecting Pipeline Crossings Under Railways TC E-10, Section 3.
209	Lands and ROW	NEB	In communities where routing may deviate from the existing Trans Mountain Pipeline (TMPL) right-of-way, Trans Mountain will discuss and apply routing considerations and decision-making criteria in discussions with local stakeholders. Trans Mountain will inform landowners and lessees of the route location and construction schedule, to allow sufficient time to plan and implement alternative land use decisions.	Application Volume 5B, 3-6.	Project Lifecycle	Complete			Trans Mountain is required to file the Plan, Profile and Book of Reference (PPBoR) for every segment of the pipeline and serve every landowner or tenant. Lands engages with every landowner to acquire rights and understand specific landowner requirements. Any landowner who objects to the route or the timing of construction across their land, may request a detailed route hearing through the CER.
372	Lands and ROW	City of Abbotsford	Should Ledgeview Golf Course experience lost revenue as a result of the construction of the Trans Mountain Expansion Project, Trans Mountain would intend to employ 'actual loss' compensation for any reductions in golf course revenue caused by the construction and operation of the pipeline.	City of Abbotsford IR No. 1.25b	Prior to Operations	Complete	Superseded by Legal/Regulatory Requirement		Trans Mountain entered into an Agreement with Ledgeview Golf Course for revenue losses as a result of pipeline construction.
378	Lands and ROW	Brian Kingman	The Kingman's are to be offered the Right of First Refusal on the logs cut on their property or equivalent compensation. The tree stumps from cut trees will be ground up by a grinder or hauled away from the property. The details of which trees are to be removed will be determined in a site visit between Landowner and the Trans Mountain Land Agent and documented on construction Line List provided to contractor.	Kingman B IR No. 1.3b	Prior to Construction	Complete			Landowner has entered into a voluntary acquisition agreement which addresses timber compensation. Details regarding tree removal have been added to the construction line list.
381	Lands and ROW	NEB	Trans Mountain confirms that all necessary third party crossing agreements will be obtained prior to construction.	NEB IR No. 2.016	Prior to Construction	Complete	Superseded by CER Condition	103	Condition 103 provided a mechanism for identifying utility crossings with confirmation at agreements or permits had been acquired or would be acquired. (CER Filing ID C01792)
385	Lands and ROW	NEB	Trans Mountain will work with local landowners in the Fraser Valley to determine agricultural practices, including deep sub soiling, to determine depth of cover requirements.	Technical Update No. 1 and Consultation Update No. 2 - Part 2 Table 1.6.3-1	Prior to Construction	Complete			Trans Mountain has worked with landowners in the Fraser Valley to ensure an appropriate depth of cover is incorporated into construction engineered plans to mitigate potential impacts from deep soil tilling and agricultural practices. In agricultural land, Trans Mountain has adopted a standard depth of cover of 1.2 m. Depth of cover of 1.2 m is indicated in the construction alignment sheets.
602	Lands and ROW	C.G.L.A.P. - Collaborative Group of Landowners Affected by Pipelines	Trans Mountain will provide Landowners within Spread 5B with a schedule of work to be conducted on their lands, at least 21 days in advance of the start of construction.	CGLAP IR No. 2.9d	Prior to Construction	Complete			Trans Mountain emailed each landowner a construction schedule and offered to meet with any landowner upon request.
603	Lands and ROW	C.G.L.A.P. - Collaborative Group of Landowners Affected by Pipelines	Trans Mountain commits that its land agents working on the Trans Mountain Expansion Project (TMEP) will complete the Canadian Energy Pipeline Association Land Agent Program.	CGLAP IR No. 2.9g	Prior to Operations	Complete			The CEPA organization is no longer active since in December 2021 and materials were no longer available. Ethics courses are required as part of land agent licensing and were taken through multiple education providers.
641	Lands and ROW	City of Coquitlam	Trans Mountain will commit to paying for the costs associated with relocation or alteration of existing Methane collection system if it is required to do so for Trans Mountain Expansion Project (TMEP) construction.	City of Coquitlam IR No. 2.D.5a	Prior to Construction	Complete	Superseded by Legal/Regulatory Requirement		A Relocation Agreement was signed between Trans Mountain and Greater Vancouver Sewerage and Drainage District (GVSD) who is the registered and beneficial owner of certain lands and premises located at 1001 Untitled Boulevard within the Municipality of Coquitlam. The City of Coquitlam has met with Trans Mountain to discuss the methane collection system as identified in Condition 49, using the TWG and contractor meetings (Filing ID C18532).
675	Lands and ROW	City of Abbotsford, City of North Vancouver, Fraser Valley Regional District, NEB	Trans Mountain is prepared to reimburse municipalities for reasonable costs and staff time required to monitor and assist Trans Mountain workers in constructing the Project on municipal lands and in locations where municipal services are located (either parallel to or crossed by Project).	City North Vancouver IR No. 2.3.12.a; City of Abbotsford IR No. 2.3.09a; NEB IR No. 6.19; This commitment was made since the close of intervenor's evidence in this proceeding: Trans Mountain Letter to Mayor Braun, City of Abbotsford, July 20, 2015.	Project Lifecycle	Complete			Trans Mountain has addressed the commitment through the Statutory Right-of-Way Agreements with municipalities which all include a clause stating that any additional costs or expenses relating to the construction and operation of the pipeline will be reimbursed. Trans Mountain also adheres to Section 314 of the CER Act that states any damages (financial, physical or otherwise) will be investigated and compensated by pipeline operator.
732	Lands and ROW	City of Richmond	Should residual impacts or damages remain from construction, or damages result from operations of the pipeline, Trans Mountain would provide commensurate compensation for damages directly	City of Richmond IR No. 2.2.11	During Operations	Complete	Superseded by Legal/Regulatory		This commitment was made with respect to the wetlands adjacent to Lulu Island, in the City of Richmond area. At the time, Trans Mountain had

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			related to and caused by the construction or operations of the pipeline.				Requirement		preliminary plans to construct through this area. Since that time, Trans Mountain changed course and did not construct the pipeline within the City of Richmond (Lulu Island). Trans Mountain has implemented an Environmental Protection Plan filed under CER Condition 72 (C20382), which provides details for management of residual impacts following the CER Remediation Process Guide.
733	Lands and ROW	City of Burnaby, City of Richmond	Trans Mountain would intend to employ 'actual loss' compensation for any reductions in revenue caused by the construction and operation of the pipeline.	City of Richmond IR No. 2.2.11City Burnaby IR No. 1.35.01b	Project Lifecycle	Complete	Superseded by Legal/Regulatory Requirement		Commitment is addressed by CER Condition 99, Landowner and Tenant Consultation Reports (Filing ID C30119), which states communication with landowners impacted by the Project footprint has followed the approach of establishing a fair and equitable compensation framework (pg 3). Trans Mountain is committed to compensate for all damages that the landowners may sustain as a result of the Project (pg 8). Trans Mountain's Land Department assesses claims and compensation matters, such as property damage, associated with operations, maintenance, and major projects. In the event of a spill, effected parties can submit a liability claim for loss of revenue. Trans Mountain's Emergency Response Plan sets out the process for managing claims (pg 145).
834	Lands and ROW	Strata NW 313	Trans Mountain will have full-time land agents available throughout construction to liaise between landowners, construction management and contractors.	Strata NW313 IR No. 2.03	Prior to Operations	Complete			A Land Agent Liaison is assigned to each spread. Landowners have been provided with land agent contact information should any issues or concerns arise. Additionally, Landowners are made aware of the Landowner Hotline that is maintained by the Project as an alternate method to reach company land representatives.
893	Lands and ROW	Shxw'owhámel First Nation	If the Board determines that the alternative corridors are appropriate and recommends approval of the preferred corridor along with the limited alternative corridors, Trans Mountain will commit to filing with the Board three months in advance of commencing construction its final determination in relation to the alternative corridors identified below.	SFN IR No. 2.1.1b	Prior to Construction	Complete	Superseded by Legal/Regulatory Requirement		This commitment was primarily met through the Condition 7 filings confirming routing through these areas and secondarily through the filing of the PPBOR.
978	Lands and ROW	Canadian Parks and Wilderness Society - BC Chapter, NEB	Subject to regulatory approval by the National Energy Board, further notification to all directly affected tenure and disposition holders will take place in advance of construction activity.	CPAWS IR No. 1.1.2, Application Volume 3C, section 1.3.1, page 3C-4	Prior to Construction	Complete	Superseded by CER Condition	72, 78, 81	Trans Mountain provided written notification to all known landowners, stakeholders, disposition and tenure holders prior to commencement of construction.
1437	Lands and ROW	C.G.L.A.P. - Collaborative Group of Landowners Affected by Pipelines	Trans Mountain is endeavouring to include within the construction workspace agreement sufficient time to construct and restore the land following construction. Should those activities extend beyond the agreed upon schedule and require land use beyond that term specified in the agreement, Trans Mountain will negotiate additional compensation for the additional term required.	CGLAP IR No. 2.9i	Prior to Construction	Complete			The applicable temporary working space agreement and related negotiations have been framed in this manner.
1445	Lands and ROW	NEB	Trans Mountain will only install an additional pipeline or pipelines in the Statutory Right-of-Way (SRW) Area with the consent and agreement of the Owner, or, in the absence of such consent and agreement, in accordance with all authorizations and determinations, including with respect to any additional compensation payable, made under the Act.	Application Volume 2, appendix E, page 6 of 8	Prior to Construction	Complete	Superseded by Legal/Regulatory Requirement		Trans Mountain has acquired all lands required for construction of the TMEP by voluntary acquisition or right of entry order, a requirement of the CER Act.
1512	Lands and ROW	Fraser Valley Regional District	Trans Mountain will provide compensation for crop loss for a period based upon the soil and crop type, and anticipated duration for soil and crop productivity to return to pre-construction condition.	FVRD IR No. 1.29a	Project Lifecycle	Complete	Superseded by Legal/Regulatory Requirement		Professional Agrolgists were contracted to provide crop loss valuations for the Fraser Valley Regional District. Depending on crop type and agricultural practices, compensation was determined and evaluated by duration of loss of use, time to re-establish a pre-construction crop yield, and site-specific impacts to agricultural operations.
1574	Lands and ROW	Cedar Springs Strata Corporation	The detailed engineering and finalized dimensions of the temporary workspace are anticipated to be available for review by the Cedar Springs Strata during the second quarter of 2015. Given the developed nature of the landscaping within Cedar Springs, Trans Mountain will endeavour to use construction practices that reduce the width of the construction right-of-way within the Strata as much as is feasible, given construction and safety requirements.	Cedar Springs Strata Corporation, Preliminary (P) IR No. 1.02a	Prior to Construction	Complete			Landowner has entered into a voluntary acquisition agreement wherein the project footprint has been agreed.
1603	Lands and ROW	NEB	Trans Mountain will initiate a post-construction dialogue with landowners and leaseholders along the pipeline right-of-way after final clean-up to address and/or resolve any relevant issues. Construction-related issues that are raised during ongoing operation will be addressed by Trans Mountain. Trans Mountain will maintain a database to track landowner and leaseholder consultation information.	Application Volume 6A, 9-4.	During Operations	Complete			Trans Mountain's Senior Land Representatives and Land Agents have initiated post-construction dialogue with landowners and leaseholders including the execution/completion of the "File Completion Checklist". Any issues are noted in the checklist and are tracked in a database.
1649	Lands and ROW	Sto:lo Collective	Should businesses experience lost revenue as a direct result of the construction or operations of the Trans Mountain Expansion Project, Trans Mountain would intend to employ 'actual loss' compensation for any reductions in revenue caused by the construction and operation of the pipeline.	Sto:lo Collective Recommendation #73	Project Lifecycle	Complete	Superseded by Legal/Regulatory Requirement		Commitment is addressed by CER Condition 99, Landowner and Tenant Consultation Reports (Filing ID C30119), which states communication with landowners impacted by the Project footprint has followed the approach of establishing a fair and equitable compensation framework (pg 3). Trans Mountain is committed to compensate for all damages that the landowners may sustain as a result of the Project (pg 8). Trans Mountain's Land Department assesses claims and compensation matters, such as property damage, associated with operations, maintenance, and major projects. In the event of a spill, effected parties can submit a liability claim for loss of revenue. Trans Mountain's Emergency Response Plan sets out the process for managing claims (pg 145).
1662	Lands and ROW	Gerald Stroud	Trans Mountain is committed to continuing to engage with Mr. Stroud from construction through to operations, including about safety and emergency management, and will provide information as	NEB Route Hearing Transcript Seg 1 & 2	Prior to Operations	Complete			Trans Mountain has had ongoing communication with the landowner. Public Awareness packages which detail the safety and emergency management

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			required.	Vol 5 para 4468NEB Route Hearing Decision Seg 1 & 2 Gerald Stroud Sec 2.1.4 A88212 https://apps.cer-rec.gc.ca/REGDOCS/ItA90363 https://apps.cer-rec.gc.ca/REGDOCS/ItA90363					were also provided as part of this commitment.
1664	Lands and ROW	City of Abbotsford	Trans Mountain commits to having a land agent available during Sandy Hill direct pipe installation to address any construction-related concerns with directly impacted landowners.	May 31, 2017 TWG Meeting	During Construction	Complete			Along the Project, Trans Mountain provides land agent contact information to landowners affected by the Project. This contact is available for concerns raised by impacted landowners. Land agents provided notification and follow up phone calls, communications, with the landowners in the Sandy Hill area throughout direct pipe installation.
1674	Lands and ROW	Landowner - Shawn Berry	Trans Mountain is committed to 1. limiting tree removal over the drill path to under brushing; 2. only removing trees which are hindering the alignment of the steering cable; 3. replacing fencing that was there at the time of construction with new fencing; 4. discussing with the Mr. and Mrs. Berry, any fencing requirements to limit or maintain (local) access; 5. including on the line list any resulting fencing requirements; 6. using native grass seed and/or shrub or tree planting for reclamation of cleared areas; 7. no burning of timber on the property; 8. implementing its Environmental Protection Plan (EPP) including mitigations for topsoil salvage and reclamation, weed control, and noise; 9. providing Mr. and Mrs. Berry with the EPP and other relevant management plans, and meeting with them to discuss these plans; and 10. continuing to engage with Mr. and Mrs. Berry.	NEB Route Hearing TMEP Evidence Seg 1 & 2 Shawn BerryNEB Route Hearing Transcript Seg 1 & 2 Vol 3 para 795,873,937,1096-1100,1129,1130NEB Route Hearing Decision Seg 1 & 2 ShawnBerry Sec 2.2 A88167 https://apps.cer-rec.gc.ca/REGDOCS/ItA90361 https://apps.cer-rec.gc.ca/REGDOCS/ItA90361	Project Lifecycle	Complete			Trenchless method was used to construct the pipeline through the land limiting the removal of trees. Trans Mountain's land agent worked with the landowner to address concerns and requests throughout the TMEP. Trans Mountain land agents continue to engage with the landowner as needed.
1676	Lands and ROW	Landowner - Stuart Palk and Wendy Bailer Palk	Trans Mountain is committed to 1. minimizing tree clearing, provided that the regulatory safety and pipeline integrity requirements can be satisfied, this includes preserving the trees over the new pipeline horizontal directional drill path; 2. adding Mr. Palk and Ms. Bailer Palk's water well to the Environmental Alignment Sheets; 3. In the event the horizontal directional drill crossing fails, Trans Mountain commits to consulting with Mr. Palk and Ms. Bailer Palk when drafting the contingency plan for the conventional open cut construction; 4. providing Mr. Palk and Ms. Bailer Palk with the Environmental Protection Plan and other relevant management plans, and meeting with them to discuss these plans; and 5. continuing to engage with Mr. Palk and Ms. Bailer Palk.	NEB Route Hearing TMEP Evidence Seg 1 & 2 StuartPalk & WendyBailerPalkNEB Route Hearing Transcript Seg 1 & 2 Vol 3 para 1451,1966-1972,2169-2170,2213-2214,2217NEB Route Hearing Decision Seg 1 & 2 Stuart Palk & Wendy Bailer Palk Sec 3 A88167 https://apps.cer-rec.gc.ca/REGDOCS/ItA90362 https://apps.cer-rec.gc.ca/REGDOCS/ItA90362	Project Lifecycle	Complete			Trans Mountain through its engagement process consulted with the landowner regarding construction plans. 1. The pipeline was constructed using a trenchless method. 2. The water well was added to Condition 72 filings (RSMT C00475 Attachment Part 3 of 4 and EAS Vol 7 Attachment 15 A90966) 3. A trenchless crossing was used for the portion of pipe that crossed through Mr. Palk and Mrs. Bailer Palk's land. All necessary agreements were obtained. 4. Trans Mountain's land agents were in constant communication with the landowner. Information requested regarding the Project was provided. 5. The Mr. Palk and Mrs. Bailer Palk sold their property in 2024, therefore, there will be no further engagement with this landowner.
1677	Lands and ROW	Landowner - Erich Ploentzke	Trans Mountain is committed to 1. reclaiming the lands to a stable condition as well as implementing special reclamation measures (e.g., tree replacement) as set out in the Reclamation Management Plan at select locations such as watercourses and wetlands; 2. a three day turnaround from notification to flagging of the pipeline, when Mr. Ploentzke proposes work in the prescribed area; 3. using only organic fertilizers and adding this information to the line list; 4. having an environmental inspector present during the construction activities to keep soils separate; 5. completing a segment-by-segment report on restoration efforts, issues faced during construction and any issues that need to be resolved, as part of post-construction monitoring; 6. working to conserve topsoil by proper separation as outlined in the Environmental Protection Plan; 7. constructing in the winter starting in November (with possible top soil stripping in October) and ending by May, with best efforts for reclamation done in time for the golf course opening; 8. a watering operation using water trucks if sod application is used during reclamation; 9. using the stovepipe construction method to minimize impacts on the adjacent lands and to safely install the pipeline between two existing lines; 10. considering the use of temporary fencing to keep horses or livestock out during reclamation; 11. sharing of any soil studies, the Environmental Protection Plan, or the line list with the landowner; and 12. providing Mr. Ploentzke with the direct name and number of someone he can talk to about his issues with reclamation or otherwise.	NEB Route Hearing TMEP Evidence Seg 1 & 2 Erich Ploentzke; NEB Route Hearing Transcript Seg 1 & 2 Vol 5 para 3934,3948-3953,3981,4156,4157NEB Route Hearing Decision Seg 1 2 Erich Ploentzke Sec 3 A88212 https://apps.cer-rec.gc.ca/REGDOCS/ItA90363	Project Lifecycle	In Progress			Landowner construction commitments have been added to the construction line list. TMEP land representatives will continue to engage with the landowners throughout the project lifecycle. A post-construction meeting will be held with landowners and occupants (when required) where a review of landowner commitments are closed out and a release is signed between landowner and company to verify commitments are complete. An agreement with landowner and TMEP will be arranged to settle any outstanding commitments from construction that require future obligations to be managed throughout operations and maintenance.

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				https://apps.cer-rec.gc.ca/REGDOCS/It					
1678	Lands and ROW	Landowner - Erich Ploentzke	Trans Mountain is committed to working with the landowner on 1. construction planning; 2. minimizing the removal of trees including within the temporary construction workspace, to the extent practicable; 3. establishing access plans; 4. scheduling construction activities to minimize impacts to the golf course including maintaining access to the south storage area; and 5. reclamation planning.	NEB Route Hearing TMEP Evidence Seg 1 & 2 Erich PloentzkeNEB Route Hearing Transcript Seg 1 & 2 Vol 5 para 3889,4007NEB Route Hearing Decision Seg 1 & 2 ErichPloentzke Sec 3 A88212 https://apps.cer-rec.gc.ca/REGDOCS/It A90363 https://apps.cer-rec.gc.ca/REGDOCS/It	Project Lifecycle	Complete			Trans Mountain's Land Agents together with the landowner agreed upon terms that satisfied the items in this commitment. Engagement continued with the landowner throughout the Project.
1682	Lands and ROW	Landowner - Dale / Lorna Plummer and Carly Morin	Trans Mountain is committed to 1. stripping topsoil in non-frozen conditions; 2. looking at options to relocate the log deck/multi-use workspace to a new location in consultation with the Plummer and Morin; 3. using temporary fencing if requested by the Plummer or Morin; 4. taking steps to repair the relationship between Trans Mountain and the Plummer; 5. being flexible in the location of temporary or extra workspace, such as the identified log deck, to accommodate planned development; and 6. working with the landowners on operational issues.	NEB Route Hearing Transcript Seg 1 & 2 Vol 6 para 5434-5435NEB Route Hearing Transcript Seg 1 & 2 Vol 7 para 5976,5999-6002,6067,6096NEB Route Hearing Decision Seg 1 & 2 Plummer & Morin Sec 2.2NEB Route Hearing Argument Seg 1 & 2 Plummer & Morin para 49,63 A88064 https://apps.cer-rec.gc.ca/REGDOCS/It A90828 https://apps.cer-rec.gc.ca/REGDOCS/It	Project Lifecycle	Complete			Trans Mountain's land agent worked with the landowners to come to an agreement on the construction activities needed to complete the TMEP work while adhering to the commitments made to the landowners. Trans Mountain will continue to be available to the landowner as needed.
1694	Lands and ROW	NEB	With respect to Tract 2497, Trans Mountain commits to reporting on the status of consultation with the owners of Tract 2797, and whether there are any concerns, what those concerns are, and what Trans Mountain will do to address such concerns, no later than May 26, 2017.	Route Variance Sumas Tank Farm IR NEB IR 1.1b	Prior to Construction	No Longer Applicable			This commitment arose out of the Sumas Tank Farm Variance application which has since been decided and Order issued.
1734	Lands and ROW	City of Chilliwack, NEB	Given that the Chilliwack BC Hydro route realignment is very close to existing houses, Trans Mountain commits to 1) providing a dedicated Land Representative and a Community Liaison; 2) conducting baseline monitoring of residential infrastructure to ensure that there's no impacts pre- and post-construction; 3) developing a site specific work plan that will identify all the roles and responsibilities and the specific requirements and restrictions for each area including a work plan for communication of the construction schedule, the impacts of construction, what to expect, and what, if any, special requirements landowners would like to see in place.	Route Variance Chilliwack BC Hydro TMEP Response dated June 6 2017Route Variance Chilliwack BC Hydro Transcript Vol3 para1999-2000 A84231 https://apps.cer-rec.gc.ca/REGDOCS/It A89298 https://apps.cer-rec.gc.ca/REGDOCS/It	Project Lifecycle	Complete			Trans Mountain developed a site specific work plan which was provided to the City of Chilliwack. A dedicated land representative and community liaison were provided. Baseline monitoring was completed to those residents who wished to participate..
1745	Lands and ROW	Landowner - Keelan Petterson	Trans Mountain is commitment to: 1. reclaiming the Lands to a stable condition as well as implementing special reclamation measures such as tree replacement; 2. respecting potential construction impacts on trees, and working with landowners to minimize the amount of tree clearing required for Project construction; 3. continuing to work with the landowner to mitigate tree options; 4. continuing to engage with the landowner in the interest of achieving a mutually beneficial solution to the issues on the property; 5. working with Mr. Petterson to optimize the workspace location on his land: to meet constructability needs; minimize impacts, including the amount of tree clearing required for construction; and, as stated by Trans Mountain, to hopefully reach a mutually beneficial solution to issues on the property; 6. situating the construction footprint to avoid damage to any fencing to the extent possible. If fencing needs to be removed any damaged sections of the fence will be rebuilt or replaced. If any permanent survey pins are disturbed or damaged during construction they will be replaced during the legal survey completed at the end of project construction; 7. situating the construction footprint to avoid damage to fencing; 8. rebuilding or replacing any damaged sections of the fence as necessary; 9. installing construction fencing along	Detailed Route Reply Evidence; Transcript Volume 8 para 7959; Decision Seg 1 & 2 Keelan Petterson Sec 2.3Detailed Route Reply Evidence; Transcript Volume 8 para 7959; Decision Seg 1 & 2 Keelan Petterson Sec 2.3Detailed Route Reply Evidence; Transcript Volume 8	Project Lifecycle	Complete			Trans Mountain, together with the landowner, worked through the concerns and requests included in this Commitment to the landowner. Trans Mountain's Land Agents were able to provide agreeable terms for each of the items listed in this Commitment.

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			the north boundary of the windrowed topsoil pile to create a barrier to prevent access by children to the pipeline right-of-way during construction; 10. installing construction fencing along the north boundary of the windrowed topsoil pile to create a barrier to prevent access by children to the pipeline right-of-way during construction; 11. fully restoring the right-of-way back to its pre-construction grade and profile, and if it could not, to inform the landowner and work with him to develop a plan to ensure slopes are replaced to a stable condition; 12. coming back with the exact slope of the hill on the areas where the workspaces are located and to continue to engage with the landowner through the construction and restoration phases of the projects; 13. replacing trees removed from the temporary workspace during construction with similar trees or compensating the landowner; 14. avoiding removal of the shelter belt of trees along the west side of Range Road 20 in its horizontal drill bore.	para 7959; Decision Seg 1 & 2 Keelan Petterson Sec 2.3 Detailed Route Reply Evidence; Transcript Volume 8 para 7959; Decision Seg 1 & 2 Keelan Petterson Sec 2.3 A88359 https://apps.cer-rec.gc.ca/REGDOCS/ItA87765 https://apps.cer-rec.gc.ca/REGDOCS/ItA90473 https://apps.cer-rec.gc.ca/REGDOCS/It					
1746	Lands and ROW	Landowner - John Richardson, Landowner - Robert McMahon	Trans Mountain is committed to 1. working with the landowners to ensure that the landowners' driveway will not be damaged by the passage of construction vehicles and that the landowners will be able to maintain access to their property throughout construction; 2. working with the landowner to optimize temporary workspace and explore opportunities to use the cleared area to the west of Hornet Creek to reduced the need for tree-clearing.	Transcript Volume 2 para 1083; Transcript Volume 2 paras 1426 1427 1570 A90047 https://apps.cer-rec.gc.ca/REGDOCS/It	Project Lifecycle	Complete			Trans Mountain has worked with the Landowner since 2018 regarding construction activities including access and temporary workspace.
1750	Lands and ROW	Landowner - Min Guo	Tans Mountain commits to 1. notifying Ms. Guo where work is required 24 hours a day and seven days a week; 2. limiting the noise to the minimal activities required to maintain schedule; 3. fencing off all temporary workspace during construction; 4. continuing consultation with Ms. Guo; 5. relocating Ms. Guo if necessary. (Noise Management Plan included at Appendix C of Written Evidence states: Temporary relocation of specific residents if mitigation not successful per Noise Management Plan); 6. following applicable noise bylaws; 7. using sound walls/barriers.	NEB Detailed Route Hearing Decision Seg 7 Min Guo Sec 2.4 A91860 https://apps.cer-rec.gc.ca/REGDOCS/It	During Construction	Complete			Commitment addressed in confidential agreement with the landowner.
1758	Lands and ROW	Landowner - Underhill Lands Ltd	Trans Mountain commits to continuing to engage with Underhill and the potentially affected tenants to identify further measures that may address their access concerns.	NEB Route Hearing Decision Seg 7 UnderhillLandsLtd Sec 3 A91282 https://apps.cer-rec.gc.ca/REGDOCS/It	Project Lifecycle	Complete			Trans Mountain provided landowners and tenants with a five phased construction plan designed to minimize impact and ensure building access. The plan was designed in consultation with the landowner to ensure tenant access to the property would be maintained throughout construction.
1759	Lands and ROW	Landowner - Underhill Lands Ltd	Trans Mountain commits to 1. utilizing a phased construction staging approach to minimize temporary impacts to building access; 2. preparing an excavation plan utilizing shored-trench construction including a vibration monitoring plan, designed by a geotechnical engineer, for work close to the Underhill Building; 3. working weekends and nights where feasible, and subject to City of Burnaby noise bylaws.	NEB Route Hearing DecisionSeg 7 Underhill Lands Ltd Sec 3 A91282 https://apps.cer-rec.gc.ca/REGDOCS/It	During Construction	Complete			Trans Mountain worked with the landowners to create and implement a staging plan to minimize tenant parking and access restrictions. The excavation and vibration plan was no longer required as the construction methodology changed and soldier piling was no longer being used. Trans Mountain worked with the City of Burnaby to obtain the necessary permits to be able to work weekends and nights, and noise variances were issued by the City of Burnaby.
1763	Lands and ROW	City of Burnaby	Trans Mountain commits to providing alternate access for the Burnaby Mountain Urban Trail where it would be crossed and temporarily unavailable; working with Burnaby to narrow the cleared areas for the access and the access road for operations for the Shellmont location.	NEB Route Hearing Decision , Seg 7 CityofBurnaby, Sec 9 A90020 https://apps.cer-rec.gc.ca/REGDOCS/It	Project Lifecycle	Complete			The Traffic Control Plan provides details on the trail closure and the alternate trail provided for pedestrians and cyclists.
1857	Lands and ROW	NEB	Trans Mountain will develop a Line List including landowner contact information and listing of all commitments and agreed upon special construction methods for each property, within Spread 1.	NEB IR No. 1.14a, Application, Volume 3C and Volume 2, Section 5.0	Prior to Construction	Complete			Copy of line list can be provided.
1868	Lands and ROW	NEB	Trans Mountain will develop a Land Program Execution Plan that includes review of Line List to determine commitments to landowners and ensure commitments are met.		Project Lifecycle	Complete			Trans Mountain has developed a Land Program Execution Plan that includes review of Line Lists to determine commitments to landowners and ensure commitments are met.
1890	Lands and ROW	NEB	Trans Mountain will monitor and record the completion of commitments to landowners within Spread 1 by the project land program administration.	NEB IR No. 1.14a, Application, Volume 3C and Volume 2, Section 5.3	During Construction	Complete			Trans Mountain maintains a database of all commitments made to landowners including the status of those commitments and means for fulfilling them. Trans Mountain will maintain this data for the life of the Trans Mountain system.
1901	Lands and ROW	NEB	Trans Mountain will ensure the plans and procedures are followed to ensure appropriate notification is made to each landowner, as required, based on the specific needs of their agricultural land use, are incorporated into the Land Program Execution Plan.	NEB IR No. 1.14a, Application, Volume 3C and Volume 2, Section 5.4	Project Lifecycle	Complete			Details on Trans Mountain's commitment to all landowners and tenants impacted by the Project footprint are provided in Trans Mountain's Condition 99 filing (A84599). Trans Mountain compiled a list of all notification requirements from legislation, regulations, by-laws, conditions, commitments and landowner and stakeholder agreements and used those requirements to

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									develop the construction notification program. In all cases, the most robust notification requirement was used.
1916	Lands and ROW	NEB	Trans Mountain will contact the following prior to clearing and construction activities, and provide maps and schedule information to enable them to select alternate areas for their activities: trappers of affected registered fur management areas and traplines, guide outfitters in relevant wildlife management units, and commercial recreation tenure holders. (Spread 1)	CPAWS IR No. 1.1.2; Application Volume 5B, 7-108; Application Volume 5D 6-1	Prior to Construction	No Longer Applicable			Commitment no longer applicable. There is no affected parties in Spread 1.
1918	Lands and ROW	BC Ministry of Forests Lands and Natural Resource Operations (MFLNRO)	Trans Mountain will notify all affected mineral, aggregate and oil and gas tenure/disposition holders before construction to coordinate planned activities and secure agreements, as necessary.	BC MFLNRO P-IR No. 1.14	Prior to Construction	Complete			Distribution list to be provided with confirmation of date and method of notification.
1928	Lands and ROW	Sto:lo Collective	Trans Mountain will provide compensation, considering various forms, to private land and property owners according to established industry protocols where losses or damages are proven.	Sto:lo Collective Recommendation #73	Project Lifecycle	Complete	Superseded by Legal/Regulatory Requirement		Commitment is addressed by CER Condition 99, Landowner and Tenant Consultation Reports (Filing ID C30119), which states communication with landowners impacted by the Project footprint has followed the approach of establishing a fair and equitable compensation framework (pg 3). Trans Mountain is committed to compensate for all damages that the landowners may sustain as a result of the Project (pg 8). Trans Mountain's Land Department assesses claims and compensation matters, such as property damage, associated with operations, maintenance, and major projects. In the event of a spill, affected parties can submit a liability claim. Trans Mountain's Emergency Response Plan sets out the process for managing claims (pg 145).
2950	Lands and ROW	Brian Kingman	Trans Mountain will ensure final alignment of the proposed pipeline route considers the large cedar trees, and opportunities to narrow or align the right-of-way will be investigated and considered with the landowner.	Kingman B IR No. 1.3a	Prior to Construction	Complete			Landowner has entered into a voluntary acquisition agreement wherein the project footprint has been agreed.
3058	Lands and ROW	NEB	For site preparation, Trans Mountain will ensure timber and brush disposal options will be subject to agreements with landowners and appropriate government authorities.	Pre-Application Project Description p 18	During Construction	Complete			Trans Mountain has entered into agreements with landowners and government authorities to dispose of brush and timber as per the discussions with each party.
3127	Lands and ROW	NEB	Trans Mountain will have procedures in place to ensure that irrigation water is not interrupted and has committed to working with Yarrow Ecovillage in advance of construction to develop a strategy to ensure that temporary irrigation lines are installed and permanent irrigation lines are re-established during and after construction.	Revised Final Argument s. 7.2.1.2 p236	Project Lifecycle	Complete			In the agreement with Yarrow Ecovillage, Trans Mountain has provided written confirmation to maintain irrigation to the area.
3128	Lands and ROW	NEB	In regards to nursery operations, Trans Mountain has committed to providing ample pre-construction notice to nursery operators so that the nursery can prepare for possible disruptions in irrigation, drainage and water recycling systems.	Revised Final Argument s. 7.2.1.2 p235	Prior to Construction	Complete			Trans Mountain provided notification to the nursery with information on the construction activities including dates and methods.
3496	Lands and ROW	NEB	Trans Mountain will work with local landowners in the Fraser Valley to determine agricultural practices, including deep sub soiling, to determine depth of cover requirements.	Technical Update No. 1 and Consultation Update No. 2 - Part 2 Table 1.6.3-1	Project Lifecycle	Complete			As per Condition 99, Trans Mountain's land agents have worked with landowners throughout all stages of construction and will continue throughout operation of the pipeline. Issues communicated by Landowners are documented in the Landowner database and communicated to the field staff. (example filings: C16867 and C30119). Any landowner requests and general construction standards Trans Mountain has agreed to are captured in the construction line list and provided to the construction contractor working on the lands. Trans Mountain's Design Basis Memorandum provides details of the depth of cover used along the Project. In agricultural land, Trans Mountain has adopted a standard depth of cover of 1.2 meters.
3640	Lands and ROW	Davis LLP	Trans Mountain would work with Nicola Ranch to minimize disturbance to hay production operations and would compensate the landowner where necessary.	Non-Regulatory Commitment	Project Lifecycle	Complete	Superseded by Legal/Regulatory Requirement		Trans Mountain has signed a final damage release with Nicola Ranch that included compensation for crop loss.
3691	Lands and ROW	City of Abbotsford	Trans Mountain will preserve a large cottonwood adjacent western boundary of golf course if it is not on the Trans Mountain ROW and does not pose a safety concern.	TWG Meeting 2015/04/30	Prior to Construction	Complete			Trans Mountain identified two large Cottonwoods: one Cottonwood was not on the ROW and did not pose a safety risk; the other was removed as it was within the needed workspace and the drip line (root system) would have been extensively damaged had it been retained.
3743	Lands and ROW	Frolek Cattle Co. Ltd	Trans Mountain commits to washing UTVs each time field crews leave or enter the property. Special attention should be paid to underneath the UTV's.	Non-Regulatory Commitment	During Construction	Complete	Superseded by CER Condition	73	Commitment addressed in Condition 72 Pipeline EPP Biosecurity Management Plan, (Filing ID A90966-8,) Volume 6, Section 2.5 Environmental Management Plans, please see page 2 (Section 3.2). Sample of cleaning records has been provided. UTVs were cleaned at the vehicle cleaning station at the Kamloops yard prior to mobilization to site.
3810	Lands and ROW	Workshop Participants	Trans Mountain will provide chicken farmers with advance notification of construction to minimize sensory disturbance to birds.	SEEMP Fraser Valley	Prior to Construction	Complete			Advanced notification was provided to the Poultry Farms in Spread 6 including construction notification date, and method.
3845	Lands and ROW	Township of Langley	Details of all crossing of Township of Langley infrastructure will be formalized in crossing agreements.	Langley IR No. 1.12d C351-01 https://apps.cer-rec.gc.ca/REGDOCS/ItB091 https://apps.cer-rec.gc.ca/REGDOCS/It	Prior to Construction	Complete	Superseded by CER Condition	113	Trans Mountain has entered into a crossing agreement with the Township of Langley. Trans Mountain has also provided utility crossing information through the CER Condition 103 filings (CER Filing ID C01792).

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3985	Lands and ROW	NEB	Trans Mountain will develop a Line List including landowner contact information and listing of all commitments and agreed upon special construction methods for each property within Spread 2.	NEB IR No. 1.14a, Application, Volume 3C and Volume 2, Section 5.0	Project Lifecycle	Complete			TMEP has a construction line list for each construction spread; the line lists are managed internally by land team and land management system; construction line lists are provided to project execution team as well as the applicable GCC prior to construction to ensure commitments and landowner specific construction methods and requirements are communicated and implemented.
3986	Lands and ROW	NEB	Trans Mountain will develop a Line List including landowner contact information and listing of all commitments and agreed upon special construction methods for each property within Spread 3.	NEB IR No. 1.14a, Application, Volume 3C and Volume 2, Section 5.0	Prior to Construction	Complete			TMEP has a construction line list for each construction spread; the line lists are managed internally by land team and land management system; construction line lists are provided to project execution team as well as the applicable GCC prior to construction to ensure commitments and landowner specific construction methods and requirements are communicated and implemented.
3987	Lands and ROW	NEB	Trans Mountain will develop a Line List including landowner contact information and listing of all commitments and agreed upon special construction methods for each property within Spread 4.	NEB IR No. 1.14a, Application, Volume 3C and Volume 2, Section 5.0	Prior to Construction	Complete			TMEP has a construction line list for each construction spread; the line lists are managed internally by land team and land management system; construction line lists are provided to project execution team as well as the applicable GCC prior to construction to ensure commitments and landowner specific construction methods and requirements are communicated and implemented.
3988	Lands and ROW	NEB	Trans Mountain will develop a Line List including landowner contact information and listing of all commitments and agreed upon special construction methods for each property within Spread 5A.	NEB IR No. 1.14a, Application, Volume 3C and Volume 2, Section 5.0	Project Lifecycle	Complete			TMEP has a construction line list for each construction spread; the line lists are managed internally by land team and land management system; construction line lists are provided to project execution team as well as the applicable GCC prior to construction to ensure commitments and landowner specific construction methods and requirements are communicated and implemented.
3989	Lands and ROW	NEB	Trans Mountain will develop a Line List including landowner contact information and listing of all commitments and agreed upon special construction methods for each property within Spread 5B.	NEB IR No. 1.14a, Application, Volume 3C and Volume 2, Section 5.0	Prior to Construction	Complete			TMEP has a construction line list for each construction spread; the line lists are managed internally by land team and land management system; construction line lists are provided to project execution team as well as the applicable GCC prior to construction to ensure commitments and landowner specific construction methods and requirements are communicated and implemented.
3990	Lands and ROW	NEB	Trans Mountain will develop a Line List including landowner contact information and listing of all commitments and agreed upon special construction methods for each property within Spread 6.	NEB IR No. 1.14a, Application, Volume 3C and Volume 2, Section 5.0	Project Lifecycle	Complete			TMEP has a construction line list for each construction spread; the line lists are managed internally by land team and land management system; construction line lists are provided to project execution team as well as the applicable GCC prior to construction to ensure commitments and landowner specific construction methods and requirements are communicated and implemented.
3991	Lands and ROW	NEB	Trans Mountain will develop a Line List including landowner contact information and listing of all commitments and agreed upon special construction methods for each property within Spread 7.	NEB IR No. 1.14a, Application, Volume 3C and Volume 2, Section 5.0	Prior to Construction	Complete			TMEP has a construction line list for each construction spread; the line lists are managed internally by land team and land management system; construction line lists are provided to project execution team as well as the applicable GCC prior to construction to ensure commitments and landowner specific construction methods and requirements are communicated and implemented.
3999	Lands and ROW	C.G.L.A.P. - Collaborative Group of Landowners Affected by Pipelines	Trans Mountain will provide Landowners within Spread 6 with a schedule of work to be conducted on their lands, at least 21 days in advance of the start of construction.	CGLAP IR No. 2.9d	Prior to Construction	Complete			Trans Mountain emailed each landowner a construction schedule and offered to meet with any landowner upon request.
4000	Lands and ROW	C.G.L.A.P. - Collaborative Group of Landowners Affected by Pipelines	Trans Mountain will provide Landowners within Spread 7 with a schedule of work to be conducted on their lands, at least 21 days in advance of the start of construction.	CGLAP IR No. 2.9d	Prior to Construction	Complete			Trans Mountain emailed each landowner a construction schedule and offered to meet with any landowner upon request.
4495	Lands and ROW	Landowner - Little Fort Herefords	Trans Mountain commits to working with the Little Fort Herefords 1) to ensure the irrigation system remains operational throughout construction. 2) to ensure impacts to their operations are limited to the extent practicable, including impacts to pasture and irrigation 3) to engage with Little Fort Herefords to address their concerns through mitigation steps such as fencing of the construction footprint, constructing during winter and maintaining access to the lands not impacted by the construction footprint 4) to winter construction to minimize or limit the impacts to the extent possible 5) to include any change to workspace or reductions in workspace in the as-built drawings 6) to using five-strand barbed wire fencing 7) to timing cleanup operations to try to minimize impacts on the irrigation system 8) to employing a smaller construction crew for the narrow segment of the Project where the landowner seasonally pens its bulls to reduce the construction footprint in that location. 9) to engage with Little Fort Herefords regarding the concept of an alternative pasture 10) to continue to engage with Little Fort Herefords in developing plans to limit the impact on its operations.	Detailed Route Reply Evidence, Transcript Volume 1 (para 75), Transcript Volume 1 (paras 127 - 129), Transcript Volume 1 (para 304); Decision, Transcript Volume 1 (para 304); Decision, Transcript Volume 1 (para 825), Transcript Volume 1 (paras 829, 862), Transcript Volume 1 (paras 74, 863), Transcript Volume 1 (para 929) A89906 https://apps.cer-rec.gc.ca/REGDOCS/It	Project Lifecycle	Complete			Trans Mountain has entered into voluntary agreements with the landowner. Trans Mountain Land Representatives have engaged with the landowner to address all construction related concerns and requests. The agreed upon requests have been incorporated into spread construction work plans, and have been captured on the Project Construction Line List. Trans Mountain Land will continue to engage and work with the landowner throughout the Project to ensure concerns and mitigations are addressed.

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				A90423 https://apps.cer-rec.gc.ca/REGDOCS/ItA91573 https://apps.cer-rec.gc.ca/REGDOCS/ItA91573					
4497	Lands and ROW	Landowner - 1054408 BC Ltd.	Trans Mountain commits to: 1) engaging and working with Landowner Mark Steele, 1054408 BC Ltd., regarding options for re-configuring temporary workspace, where practicable 2) working with the landowner regarding permanent road crossings, road layout and reconfiguration of the workspace to minimize the impacts on the development, to the extent possible 3) engaging and working with the Landowner regarding establishing access plans and scheduling construction activities to minimize the Project's impacts on the residential development and on the Landowner's access road and access to its lands, to the extent practicable 4) restricting access on the construction footprint only during the construction period 5) developing a Traffic Management Plan, including signage, to enable safe access onto, and egress from, the site 6) installing the pipeline at a depth that will allow the additional fill above it. 7) cooperating with the Landowner in providing proximity and crossing permits, if required, to accommodate future development of its lands during operations.	Written Evidence; Transcript Volume 4 (para 2300); Transcript Volume 4 (para 2715); Transcript Volume 4 (para 3254); Decision; Filing ID A93284	Project Lifecycle	Complete			Trans Mountain used Right of Entry as an agreement could not be reached with the landowner. Trans Mountain continued engagement efforts with the landowner and was able to come to consensus on mitigation measures to reduce impacts of construction activities on the landowners land, resulting in a voluntary agreement.
4503	Lands and ROW	Landowner - John Richardson, Landowner - Robert McMahon	Trans Mountain commits to working with the landowner to only clear trees to the extent warranted to safely construct the Project, to limit the potential for terrain instability and erosion, and to consider any inputs in reclamation.	Detailed Route Written Evidence – Richardson and McMahon (para 27) Filing ID A89109) https://apps.cer-rec.gc.ca/REGDOCS/ItA90447 https://apps.cer-rec.gc.ca/REGDOCS/ItA92764 https://apps.cer-rec.gc.ca/REGDOCS/ItA92764	Project Lifecycle	Complete			Trans Mountain has worked with the Landowner since 2018 regarding construction and reclamation activities.
4504	Lands and ROW	Landowner - Nestlé Waters Canada Inc.	In keeping with its regulatory obligations to minimize impacts to the extent practicable, Trans Mountain commits to continue working with the landowner to establish access plans, and to schedule construction activities that minimize impacts to the Lands and the Landowner's operations to the extent practicable.	Trans Mountain Pipeline ULC – Detailed Route Written Evidence (para 27) – Nestle Waters Canada (A6A9D1)	Project Lifecycle	Complete			Nestle Waters Canada Inc., sold the property to One Rock Capital Partners, LLC, in partnership with Metropoulos & Co. (Rebranded as BlueTriton Water Canada Holdings Inc.) in March 2021, prior to finalizing land agreements and commencing construction of the TMEP. Trans Mountain proceeded with engagement and consultation with the new owners.
4506	Lands and ROW	NEB	Trans Mountain will monitor and record the completion of commitments to landowners within Spread 2 by the project land program administration.	NEB IR No. 1.14a, Application, Volume 3C and Volume 2, Section 5.3	During Construction	Complete			Trans Mountain maintains a database of all commitments made to landowners including the status of those commitments and means for fulfilling them. Trans Mountain will maintain this data for the life of the Trans Mountain system.
4508	Lands and ROW	NEB	Trans Mountain will monitor and record the completion of commitments to landowners within Spread 3 by the project land program administration.	NEB IR No. 1.14a, Application, Volume 3C and Volume 2, Section 5.3	During Construction	Complete			Trans Mountain maintains a database of all commitments made to landowners including the status of those commitments and means for fulfilling them. Trans Mountain will maintain this data for the life of the Trans Mountain system.
4509	Lands and ROW	NEB	Trans Mountain will monitor and record the completion of commitments to landowners within Spread 4A by the project land program administration.	NEB IR No. 1.14a, Application, Volume 3C and Volume 2, Section 5.3	During Construction	Complete			Trans Mountain maintains a database of all commitments made to landowners including the status of those commitments and means for fulfilling them. Trans Mountain will maintain this data for the life of the Trans Mountain system.
4510	Lands and ROW	NEB	Trans Mountain will monitor and record the completion of commitments to landowners within Spread 4B by the project land program administration.	NEB IR No. 1.14a, Application, Volume 3C and Volume 2, Section 5.3	During Construction	Complete			Trans Mountain maintains a database of all commitments made to landowners including the status of those commitments and means for fulfilling them. Trans Mountain will maintain this data for the life of the Trans Mountain system.
4511	Lands and ROW	NEB	Trans Mountain will monitor and record the completion of commitments to landowners within Spread 5A by the project land program administration.	NEB IR No. 1.14a, Application, Volume 3C and Volume 2, Section 5.3	During Construction	Complete			Trans Mountain maintains a database of all commitments made to landowners including the status of those commitments and means for fulfilling them. Trans Mountain will maintain this data for the life of the Trans Mountain system.
4512	Lands and ROW	NEB	Trans Mountain will monitor and record the completion of commitments to landowners within Spread 5B by the project land program administration.	NEB IR No. 1.14a, Application, Volume	During Construction	Complete			Trans Mountain maintains a database of all commitments made to landowners including the status of those commitments and means for

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				3C and Volume 2, Section 5.3					fulfilling them. Trans Mountain will maintain this data for the life of the Trans Mountain system.
4513	Lands and ROW	NEB	Trans Mountain will monitor and record the completion of commitments to landowners within Spread 6 by the project land program administration.	NEB IR No. 1.14a, Application, Volume 3C and Volume 2, Section 5.3	During Construction	Complete			Trans Mountain maintains a database of all commitments made to landowners including the status of those commitments and means for fulfilling them. Trans Mountain will maintain this data for the life of the Trans Mountain system.
4514	Lands and ROW	NEB	Trans Mountain will monitor and record the completion of commitments to landowners within Spread 7 by the project land program administration.	NEB IR No. 1.14a, Application, Volume 3C and Volume 2, Section 5.3	During Construction	Complete			Trans Mountain maintains a database of all commitments made to landowners including the status of those commitments and means for fulfilling them. Trans Mountain will maintain this data for the life of the Trans Mountain system.
4522	Lands and ROW	Landowner - Hugh David Gray, Barbara Ann Gray	Trans Mountain commits to engaging with the Landowner to gain access to the Lands and to address the Landowner's concerns.	Detailed Route Hearing, Written Evidence (para 23).	Project Lifecycle	Complete			In addition to the numerous engagement activities that preceded this commitment, Trans Mountain has continued to engage with the landowner for access to conduct pre-construction archaeological and environmental field surveys and to conduct construction activities. In the Q4 2021 to Q2 2022 period preceding construction, the landowner was contacted over 20 times to discuss pre-construction surveys, field activities and gain access. With landowner consent, pre-construction activities proceeded and construction was conducted in July 2022. Since the completion of construction, consultation with the landowner has continued to meet with the landowner to discuss reclamation and address landowner concerns as appropriate. Landowner meetings will continue as needed throughout the Project lifecycle.
4523	Lands and ROW	Landowner - Hugh David Gray, Barbara Ann Gray	Trans Mountain commits to making best efforts to protect two Western red cedar trees that are located along the edge of the temporary workspace area on the southwest side of the Lands, and maintain the vegetative buffer on the southwest corner of the Lands.	Detailed Route Hearing, CER IR No. 1.2	During Construction	Complete			The Arborist Report and Site Specific Reclamation Plan provides details on the two Western Red Cedars located on the property. After a field assessment by a third party it was identified that the two Western Red Cedar trees are declining. Trans Mountain, along with the third party consultants, prepared a restoration and reclamation plan for the property. The Gray's have agreed on the reclamation plans to replace the deteriorating trees.
4524	Lands and ROW	Landowner - Hugh David Gray, Barbara Ann Gray	Prior to commencing tree clearing activities on the Lands, Trans Mountain commits to conducting a detailed tree assessment and provide an arborist report that will document the number, species, age, size, health and value of all trees proposed to be removed from the treed area and walking path. Trans Mountain will develop a site-specific reclamation (replanting) plan ("Site-Specific Reclamation Plan") aimed at providing a functionally equivalent forest area as is present on the Lands.	Detailed Route Hearing, CER IR No.1	Prior to Construction	Complete			Trans Mountain Land has met with Landowners and arranged access to Land to collect field data to support the compilation of a Arborist Report and Site Specific Reclamation Plan. The report is currently being generated and will be reviewed with the Landowners once complete. The Arborist Report and Site Specific Reclamation Plan addresses the request to protect the Two Western Red Cedars and the vegetative buffer on the SW corner of the Lands.
4529	Lands and ROW	Landowner - Redwoods Golf Course Ltd. (Redwoods)	Construction has been scheduled during the winter months as much as possible to minimize peak customer utilization of the golf course. Trans Mountain commits to engaging with the Landowner prior to and throughout the construction process to further modify the schedule as much as practicable to minimize impacts on the Landowner's business.	Detailed Route Hearing, Reply Evidence (para 123)	During Construction	Complete			Trans Mountain was in constant communication with the owners of Redwoods Golf Course and an agreement was made between the parties that Trans Mountain would compensate Redwoods Golf Course for business loss.
4535	Lands and ROW	Landowner - Redwoods Golf Course Ltd. (Redwoods)	Reclamation will be conducted in accordance with the Reclamation Management Plan (A85826). Since the Lands are an altered landscaped environment, Trans Mountain commits to completing an inventory of any substantial landscape and other improvements made to the Lands prior to construction clearing. Furthermore, in keeping with its regulatory obligation to minimize impacts to the extent practicable, Trans Mountain commits to restoring the Lands to their current use as a golf course.	Detailed Route Hearing, Reply Evidence (para 100)	Prior to Operations	Complete			Trans Mountain has engaged with the landowner and agreed that the Landowner will be managing reclamation of the lands itself. This was written into the land agreement.
4536	Lands and ROW	Landowner - Redwoods Golf Course Ltd. (Redwoods)	Trans Mountain commits to meeting and working with the Landowner to establish a post-construction site-specific restoration plan. Professional landscaping services will be used as required to help develop the restoration plan and implement the plan accordingly.	Detailed Route Hearing, Reply Evidence (para 100)	Project Lifecycle	Complete			Trans Mountain has engaged with the Landowner and agreed that the Landowner will be managing reclamation of the lands itself. This was written into the land agreement.
4537	Lands and ROW	Landowner - Redwoods Golf Course Ltd. (Redwoods)	Trans Mountain commits to developing a Tree Inventory and Re-Planting Plan in collaboration with the Landowner prior to any tree removals.	Detailed Route Hearing, Reply Evidence (para 102)	Prior to Operations	Complete			A valuation report was conducted by McTavish Resource & Management Consultants, dated December 13, 2021 which identifies trees along the golf course impacted by TMEP. Trans Mountain and the Landowner subsequently entered into a tree compensation agreement covering the terms and conditions for removal/impacts of certain trees on the golf course.
4540	Lands and ROW	Landowner - Redwoods Golf Course Ltd. (Redwoods)	In consultations with Trans Mountain, the Landowner suggested that they will hire a professional golf course designer to help manage the restoration of the Golf Course after the TMEP construction. Trans Mountain commits to working with the Landowner's golf course designer and considering their input in conducting its restoration activities on the Golf Course.	Detailed Route Hearing, Supplemental Evidence (para 32)	Prior to Operations	Complete			Trans Mountain has engaged with the Landowner and agreed that the Landowner will be managing reclamation of the lands itself. This was written into the land agreement.
4546	Lands and ROW	Landowner - Redwoods Golf Course Ltd. (Redwoods)	Trans Mountain commits to continuing to work with the Landowner to mitigate the impacts of the TMEP to the extent practicable. Residual impacts, including compensation for impacts that cannot be mitigated, are outside of the Detailed Route Hearing process. However, Trans Mountain commits to addressing these concerns through mutual agreement or CER processes.	Detailed Route Hearing, Reply Evidence (para 63)	Project Lifecycle	Complete	Superseded by Legal/Regulatory Requirement		The project team has engaged with the landowner and has implemented various agreements and mitigations to address landowners concerns.
4548	Lands and ROW	Landowner - Redwoods Golf Course Ltd. (Redwoods)	Trans Mountain will continue to engage with the Landowner to address the Landowner's concerns.	Detailed Route Hearing, Supplemental Evidence (para 16)	Project Lifecycle	Complete			The project team engaged with the landowner throughout construction and has implemented various agreements and mitigations to address landowners concerns.

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4550	Lands and ROW	Landowner - Redwoods Golf Course Ltd. (Redwoods)	Trans Mountain commits to working with the Landowner to develop a Tree Management Plan for TMEP construction, to minimize tree removal and mitigate the impact of required tree removals to the extent practicable. Specifically, as outlined in paragraph 32 of Trans Mountain's 2018 Written Evidence Trans Mountain will: 1) Only clear trees to the extent required to safely construct the TMEP to the construction team and the public. The survey will document the number, species, and approximate size of the existing trees. 2) Assess non-merchantable and merchantable timber. 3) Identify trees that require protection. 4) Identify significant trees or trees on the edges of the project footprint that can be retained. 5) Identify which trees are caliper size and can be salvaged and stored for reclamation planting. 6) Provide the Landowner with survey drawings or landscape sketches of all the significant trees and ornamental features (e.g. shrubs, plantings, garden/flowerbeds) along the project footprint prior to clearing, and identify which are to be replaced after construction. 7) Perform a legal survey and clearly delineate what trees are to be cleared and what trees are to be retained. 8) Identify, locate, document, and salvage and replace any other features (e.g. large rocks, monuments) as mutually agreed with the Landowner. 9) Consider other offset or replacement options for landscaping that is compatible with pipeline rights of way.	Detailed Route Hearing, Reply Evidence (para 114)	Prior to Construction	Complete			A valuation report was conducted by McTavish dated December 13, 2021 which identifies trees along the golf course impacted by the Project. Trans Mountain and the Landowner subsequently entered into a tree compensation agreement covering the terms and conditions for removal/impacts of certain trees on the golf course.
4553	Lands and ROW	Landowner - Robin Scory	Trans Mountain commits to engaging with the Landowner if and when the Landowner is willing to engage.	Detailed Route Hearing, Response to Statement of Opposition (SOS), pg. 2	Project Lifecycle	Complete			Trans Mountain made numerous and consistent attempts to engage with the landowner, however the landowner elected not to engage with Trans Mountain.
4554	Lands and ROW	Landowner - Christine Bloom	Trans Mountain commits to keeping the Landowner apprised of Trans Mountain's construction plans, including by communicating the timing of construction activities in advance, to the extent practicable.	Detailed Route Hearing, Written Evidence (para 39) (C04941), Letter Decision (pg. 35) (C138139)	During Construction	Complete			Trans Mountain completed a pre-construction walk through with the landowner which included communication on the timing of construction and updates on any special requirements.
4561	Lands and ROW	Landowner - Rudolf Enns	Trans Mountain commits to continuing to engage the Landowner to address the Landowner's concerns.	Detailed Route Hearing Supplemental Evidence (para 18)	During Construction	Complete			Trans Mountain engaged with the landowner and addressed his concerns.
4565	Lands and ROW	Landowner - Yarrow Ecovillage	Trans Mountain commits to engaging with Yarrow Ecovillage on the sources of compost suitable for use on the Lands. A final choice will be made in consultation with Yarrow EcoVillage representatives.	Detailed Route Hearing, Letter Decision (pg. 13)	Prior to Operations	Complete			Through consultation with Yarrow Ecovillage, an agreement between Trans Mountain and Yarrow Ecovillage was made on the source of compost suitable for use on the lands.
4570	Lands and ROW	Landowner - Yarrow Ecovillage	Trans Mountain commits to working with the Landowner in advance of construction to develop a strategy to ensure that temporary irrigation lines are installed and permanent irrigation lines are re-established during and after construction.	Detailed Route Hearing, Response to CER IR No. 2.1	Project Lifecycle	Complete			In the agreement with Yarrow Ecovillage, Trans Mountain has provided written confirmation to maintain irrigation to the area.
4571	Lands and ROW	Landowner - Yarrow Ecovillage	Trans Mountain commits to engaging with the Landowner in the implementation of proposed work plans and mitigation measures.	Detailed Route Hearing, Written Argument (para14)	Project Lifecycle	Complete			Trans Mountain, through consultation with Yarrow Ecovillage, agreed to work plans and mitigation measures.
4585	Lands and ROW	Landowner - Rudolf Enns	Trans Mountain confirms that it has not undertaken any construction activities, preparatory or otherwise, in relation to the TMEP in the area. Trans Mountain commits to referring the Landowner's concerns to its Operations team to determine whether any TMPL construction activities have taken place in the area.	Detailed Route Hearing, Supplemental Evidence (para 23)	Prior to Construction	Complete		115	This commitment is addressed through Condition 115a (Section 3.2 of Filing ID C01376) and supporting report "Conduit Installation Procedure for Leak Detection" completed by HIFI Engineering
4613	Lands and ROW	CER, Nlaka'pamux Nation Tribal Council (NNTC)	Trans Mountain commits to developing a decommissioning and end land use plan at the time of application for pipeline decommissioning and to engaging Indigenous groups as required.	Coldwater Western Alternative Route, Variance Application, Final Argument, Appendix A, pg. 23	During Operations	Complete			Trans Mountain will apply under CER OPR s.45.1 for approval to decommission a pipeline, and as a part of this process, would engage those potentially impacted with Trans Mountain's plans and address any concerns. Trans Mountain participated in the Abandonment Cost Estimate filed by the CER (C29211) as laid out in the CER report showing methodologies and cost estimates (C24949).
349	Marine Shipping	NEB	Trans Mountain will screen the tankers nominated to call on the Westridge Marine Terminal to check that they are implementing a Volatile Organic Compound management plan.	Technical Update No. 1 & Consultation Update No. 2 - Part 5, Part 01, Table 1.6.3-1	During Operations	Complete			Identified as part of the Vessel Acceptance Standard (VAS) Masters Declaration and Vessel Information Checklist filed as part of the NEB Reconsideration Hearing (MH-052-2018), Filing IDs: VAS (2018) A6L2A5, Requirement has been met; updated VAS document will also be filed with CER Condition 134, See Section 2.5.4 (p. 8) of the VAS Masters Declaration and Vessel Information Checklist (2018).
386	Marine Shipping	NEB	Trans Mountain will continue to work with Western Canada Marine Response Corporation (WCMRC) to implement relevant recommendations from the TERMPOL process, any recommendations from the Panel and any mandated improvements to existing emergency preparedness and response measures as necessary to address the effects of the Project-related increase in tanker traffic.	Application Volume 8, 8A-50.	Project Lifecycle	Complete	Superseded by CER Condition	91, 133, 144	A letter of agreement to implement enhancements was provided from Western Canada Marine Response Corporation (WCMRC) to Trans Mountain on March 13, 2023, in which confirmation that enhancements were implemented.
387	Marine Shipping	NEB	Trans Mountain is committed to further mitigating potential effects of bilge water releases by using reputable vessel owners and operators who strictly adhere to regulations and ensure continued maintenance of vessel discharge treatment equipment and safety mechanisms.	Application Volume 8A, 8A-435.	During Operations	Complete	Superseded by CER Condition	134	Trans Mountain through Condition 134 Westridge Marine Terminal Regulations and Operations Guide (WMTROG) (Filing ID C23751) under section 10.2 provide details on the requirements set for the discharge of bilge and ballast for all vessels operating within the port. These requirements are managed through the Port of Vancouver regulations control, the Loading Masters and WMT operation personnel, and the Master.

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389	Marine Shipping	NEB	Trans Mountain will provide reception facilities at the Westridge Marine Terminal as necessary to service the needs of the Project-related marine vessels.	Application Volume 8A, 8A-432.	During Operations	Complete			The Westridge Marine Terminal Regulations and Operations Guide (WMTROG), part of Marine Terminal Operations (ISISM) will stipulate reception facilities will be available to receive and safely handle cargo loading arm drainage. Each new berth has been built with a dedicated built-in tank (Reception facility) to receive drain down from the berth loading arms after vessel loading. These tanks will be commissioned together with commissioning of the new berth.
390	Marine Shipping	NEB	Trans Mountain will require all tankers to process and empty their bilges prior to arrival and to have the discharge valve of the bilge water locked while in Canadian waters.	Application Volume 8A, 8A-432.	During Operations	Complete			Identified as part of the Westridge Marine Terminal Regulations and Operations Guide (WMTROG) and Vessel Acceptance Standard (VAS) Masters Declaration and Vessel Information Checklist filed as part of the NEB Reconsideration Hearing (MH-052-2018). Filing IDs WMTROG (2018) A6J6H7 and VAS Masters Declaration and Checklist (2018) A6L2A5, Requirement has been met; updated VAS document will also be filed with CER Condition 134, See Section 10.2 (p. 44-45) of the WMTROG (2018) and Section 2.5.9 (p. 9) of the VAS Masters Declaration and Vessel Information Checklist (2018).
391	Marine Shipping	NEB	Trans Mountain will require that a tug would accompany the Project-related tankers for the entire transit through the Strait of Georgia and between Race Rocks and the 12 nautical mile to assist with navigation. The tug escort is an enhancement to existing tug requirements.	Application Volume 8A, 8A-364.	During Operations	Complete	Superseded by CER Condition	133, 134	Trans Mountain, through Condition 134 (Filing ID C23751) filing of the Vessel Acceptance Standard (VAS) section 3.16 (PDF pg 25) and the WMT Regulations and Operations Guide (WMTROG) section 17.16, set the requirements for tug boat escort for tankers.
392	Marine Shipping	NEB	Trans Mountain will require that all Project-related tankers calling at the Westridge Marine Terminal have mandatory tug escort for the entire route between the Westridge Marine Terminal and the Pacific Ocean.	Application Volume 8A, 8A-432.	During Operations	Complete	Superseded by CER Condition	133, 134	Trans Mountain through CER Condition 134 (Filing ID C23751) provides requirements on tug boat escorts for all tankers exiting the Vancouver Port as set out in Appendix 1 "Vessel Acceptance Standard" (VAS) Section 3.16, pg. 25 of PDF and Appendix 2 "WMT Regulations and Operations Guide" (WMTROG) Section 17.6 (Tug Escort for Tankers In-Product), pg. 57 of PDF
393	Marine Shipping	Robyn Allan, Val Veirs	Trans Mountain is committed to working with Fisheries and Oceans Canada (DFO) and other stakeholders on implementing the Action Plan for the Recovery of the Southern Resident Killer Whale as well as developing other strategies to assist in southern resident killer whale recovery.	Allan R IR No. 1.20I, Veirs V IR No. 1.5	Prior to Construction	Complete	Superseded by CER Condition	132	Trans Mountain through the development of the Marine Mammal Protection Program filed under CER Condition 132, consulted and engaged with numerous stakeholders and Indigenous groups. As provided in Appendix H Marine Stakeholder Input (PDF pg 101) details of the engagement from DFO are provided.
395	Marine Shipping	City of Burnaby	There will be multiple and redundant communication lines open with the tanker and the pilot onboard to communicate dock approach and weather information which, subject to final design, is expected to include a visual display.	City Burnaby IR No. 1.26.10e	During Operations	Complete			Proof of Completion: Docking Display board design by Moffat Nichol. Procurement complete.
396	Marine Shipping	Province of British Columbia	Trans Mountain will provide a comparison of Vessel Traffic Service (VTS) capabilities comparing Canadian Coast Guard to other jurisdictions.	Province BC F-IR No. 1.1.50a	Prior to Construction	Complete			See Trans Mountain response to (Follow up #3) Province BC F-IR No. 1.1.50a-Attachment 1 (VTS Report) (OH-001-2014, Filing ID A4A2Z7) and Province BC F-IR No. 1.1.50a-Attachment 2 (Appendix A) (OH-001-2014, Filing ID A4A2Z8).
398	Marine Shipping	Tsawwassen First Nation	Should the Project proceed, Trans Mountain will develop key safety and performance indicators for future enhanced Westridge operations and provide regular updates to the Chamber of Shipping BC (COSBC) that may then be posted to the COSBC website.	Tsawwassen FN F-IR No. 1.28	During Operations	Complete			Trans Mountain has addressed this commitment via filings to the CER that address key safety points at the Westridge Marine Terminal. These filings include: Trans Mountain Vessel Acceptance Standard (Filing ID C27427-3); Trans Mountain Westridge Marine Terminal Regulations and Operations Guide (Filing ID C27427-5); The ESG report on the Trans Mountain Website. Trans Mountain will not post updates to the Chamber of Shipping BC website as the information is available on the Trans Mountain website. It has been determined that COSBC is no longer an appropriate location to post information that is specific to one terminal. Trans Mountain has advised Tsawwassen First Nation that the key safety and performance indicators for the WMT are posted on the Trans Mountain website.
400	Marine Shipping	Pacheedaht First Nation	Trans Mountain is committed to working with the Department of Fisheries and Oceans (DFO) and other stakeholders on implementing the "Action Plan for the Recovery of the Southern Resident Killer Whale (SRKW)" as well as developing other strategies to assist in SRKW recovery.	Pacheedaht FN IR No. 1.05.01	Prior to Construction	Complete	Superseded by CER Condition	132	In conjunction with commitment 393; Trans Mountain's Condition 132 Filing (C23887) Section 2.2.2 states that Marine Mammal Protection Plan will pursue strategies that address the recovery of Southern Resident Killer Whales. Provided in Appendix H, details on the consultation and engagement with stakeholders including DFO are provided (PDF pg 101).
401	Marine Shipping	District of West Vancouver	Trans Mountain will follow up with 1) Transport Canada regarding incidents and failures, enforcement and prosecutions the District of West Vancouver is seeking and commits to filing the information with the National Energy Board without delay upon receipt of same from Transport Canada. 2) The Pacific Pilotage Authority regarding the escorting of ships the District of West Vancouver is seeking and commits to filing the information with the National Energy Board without delay upon receipt of same from The Pacific Pilotage Authority. 3) Western Canada Marine Response Corporation (WCMRC) regarding information on what other organizations would assist; the anticipated response times for other organizations; and mutual aid or similar agreements; mutual aid to other organizations, the District of West Vancouver is seeking and commits to filing the information with the National Energy Board without delay upon receipt of same from WCMRC. 4) Vancouver Fraser Port Authority DBA Port Metro Vancouver regarding speed limits the District of West Vancouver is seeking and commits to filing the information with the National Energy Board without delay upon receipt of same from Vancouver Fraser Port Authority DBA Port Metro Vancouver.	District of West Vancouver - Attachment - Table 1.57 (page 17), 1.14 (page 6), 117 (page 7)	Prior to Operations	Complete			.See Trans Mountain filings of correspondence as well as Transport Canada evidence for OH-001-2014 hearing: Transport Canada - Correspondence filed by Trans Mountain (Filing ID A62678), as well as Appendix B of Transport Canada Evidence dated May 27, 2015 (Filing ID A4L7K1) (page B1, p. 66-67 of PDF), PPA - Correspondence filed by Trans Mountain (Filing ID A62676), WCMRC - Correspondence filed by Trans Mountain (Filing ID A64054), VFPA (DBA Port Metro Vancouver) - Evidence (Filing ID A4L6Q7), and Port Information Guide Port submitted to the NEB process as attachment with the TERMPOL report (Filing ID A4F827).

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402	Marine Shipping	Tsawout First Nation	Trans Mountain will follow up with Canada and the Province of BC regarding the information the Intervenor is seeking and commits to filing the information with the National Energy Board without delay upon receipt of same from Canada and the Province of BC.	Tsawout FN - Attachment - Table 1.36t	Prior to Operations	No Longer Applicable			The commitment was made by Trans Mountain as part of a detailed reply to a motion by the Tsawout First Nation to compel full and adequate responses to a lengthy information request (A3Z2D6 at PDF Page 133). The NEB ultimately denied this motion on September 26, 2014, ruling that Trans Mountain had already sufficiently responded (A4C4H7 at PDF Page 125 for IR 1.36(t)). Based on that ruling, the statement has been overtaken and is no longer applicable.
403	Marine Shipping	Department of Fisheries and Oceans, Transport Canada, Vancouver Fraser Port Authority DBA Port Metro Vancouver	Trans Mountain is committed to continued co-operation with Vancouver Fraser Port Authority DBA Port Metro Vancouver and the Canadian Coast Guard to ensure safety and efficiency of marine traffic including movements within the Movement Restriction Area (MRA). Trans Mountain will continue to discuss the effects of the Project on available transit windows and the movement of vessels in the MRA with Port Metro Vancouver.	Trans Mountain Response to NEB IR TERMPOL Rpt and Outstanding Filings (January 2, 2015) Recommendation 6	Prior to Operations	Complete			Through continuous engagement, Trans Mountain, Vancouver Fraser Port Authority DBA Port Metro Vancouver and the Canadian Coast Guard have collaborated on marine traffic efficiencies and safety, which included Trans Mountain participating in the development of the Active Vessel Traffic Management program.
404	Marine Shipping	NEB	Trans Mountain will provide financial assistance to smaller vessels registered in Western Canada Marine Response Corporation (WCMRC)'s Fishers Oil Spill Emergency Team (FOSET) program to be fitted with Automated Information System (AIS) and radar reflectors, which will aid in located FOSET assets during standard operations, as well as while undertaking response activities and will enhance safety.	Trans Mountain Response to NEB IR TERMPOL Rpt and Outstanding Filings (January 2, 2015) Finding 6	During Operations	Complete			An email from Western Canada Marine Response Corporation (WCMRC) dated January 25, 2022 included a matrix outlining the AIS status for all Vessel of Opportunity (VOO) currently in the program confirms that WCMRC is taking over responsibility for this commitment. A letter was sent to WCMRC November 8, 2023 confirming Trans Mountain's collaboration with WCMRC and the completion of this commitment.
405	Marine Shipping	NEB, Transport Canada	Trans Mountain will notify the appropriate authority if it wishes to alter any Project commitments related to the movement of Project-related tankers, operational parameters, or characteristics, so the authority can review the impacts to safety as a result of the changes.	Trans Mountain Response to NEB IR TERMPOL Rpt and Outstanding Filings (January 2, 2015) Recommendation 1	Project Lifecycle	Complete			There were 17 recommendations and 31 findings outlined in the TERMPOL Review Committee (TRC) Report on Trans Mountain (Filing ID A64923). Trans Mountain acknowledged all TRC Recommendations and Findings to the Canada Energy Regulator (Filing ID A4G3U5). Trans Mountain has provided several updates to the Technical Review Process of Marine Terminal Systems and Transshipment Sites (TERMPOL) Review Committee (TRC) since 2013. Most recently, Trans Mountain sent an update letter to TERMPOL on November 14, 2023, which included several updates about the Westridge Marine Terminal, project-related tankers, and other changes.
407	Marine Shipping	Department of Fisheries and Oceans, Transport Canada, Vancouver Fraser Port Authority DBA Port Metro Vancouver	Trans Mountain will provide copies of its Port Information and Terminal Operations Manual to Transport Canada, the Canadian Coast Guard, the Pacific Pilotage Authority, and Vancouver Fraser Port Authority DBA Port Metro Vancouver for information at least six months before the start of terminal operations.	Trans Mountain Response to NEB IR TERMPOL Rpt and Outstanding Filings (January 2, 2015) Recommendation 15	Prior to Operations	Complete			Westridge Marine Terminal Regulations and Operations Guide (WMTROG), the Vessel Acceptance Standard (VAS) including the Masters Declaration and Vessel Information Checklist filed as part of the NEB Reconsideration Hearing (MH-052-2018) Filing IDs: WMTROG (2018) A6J6H7, VAS (2018) A6L2A5 and VAS Masters Declaration and Vessel Information Checklist (2018) A6L2A3 Requirement has been met; updated VAS document will also be filed with CER Condition 134, Whole documents applicable.
409	Marine Shipping	NEB, Transport Canada	The International Safety Guide for Oil Tankers and Terminals (ISGOTT) safety checklist as well as a checklist with additional terminal specific safety items will be included to the updated Terminal Operations Manual, which shall be provided to the TERMPOL Review Committee (TRC) 6 months prior to the expanded terminal becoming operational.	Trans Mountain Response to NEB IR TERMPOL Rpt and Outstanding Filings (January 2, 2015) Recommendation 12	During Operations	Complete			Identified as part of the Westridge Marine Terminal Regulations and Operations Guide (WMTROG) and Vessel Acceptance Standard (VAS) Masters Declaration and Vessel Information Checklist filed as part of the NEB Reconsideration Hearing (MH-052-2018), Filing IDs WMTROG (2018) A6J6H7 and VAS Masters Declaration and Checklist (2018) A6L2A5, Requirement has been met; updated VAS document will also be filed with CER Condition 134., ISGOTT mentioned throughout the WMTROG (2018), see specifically section 3.4 (p. 15) and 16.5 (p. 83) of the WMTROG (2018) and sections 2.4.4 (p. 7) and 2.5.6 (p. 9) of the VAS Masters Declaration and Vessel Information Checklist (2018).
410	Marine Shipping	NEB, Transport Canada	Trans Mountain will accept oil tankers of up to Aframax size and always within any limitations set by Vancouver Fraser Port Authority DBA Port Metro Vancouver.	Trans Mountain Response to NEB IR TERMPOL Rpt and Outstanding Filings (January 2, 2015) Recommendation 2	Project Lifecycle	Complete			Identified as part of the Westridge Marine Terminal Regulations and Operations Guide (WMTROG) and Vessel Acceptance Standard (VAS) Masters Declaration and Vessel Information Checklist filed as part of the NEB Reconsideration Hearing (MH-052-2018), Filing IDs: WMTROG (2018) A6J6H7 and VAS Masters Declaration and Checklist (2018) A6L2A5, Requirement has been met; updated VAS document will also be filed with CER Condition 134, See Section 6.10.6 (p. 31) of the WMTROG (2018) and Sections 2.1.1 (p. 2) and 2.4.2 (p. 7) of the VAS Masters Declaration and Vessel Information Checklist (2018).
411	Marine Shipping	NEB, Transport Canada	Trans Mountain will confirm draft mooring procedures as part of real-time simulations to enhance safety. Such procedures will be included to the Terminal Operations Manual.	Trans Mountain Response to NEB IR TERMPOL Rpt and Outstanding Filings (January 2, 2015) Recommendation 14	During Operations	Complete			Report shared with TC, VFPA and others in July 2020. Draft mooring procedures confirmed and distributed.
412	Marine Shipping	NEB, Transport Canada	Trans Mountain will continue its existing practice of having a dedicated loading master present at Westridge Marine Terminal, which provides an added measure of safety to cargo transfer operations.	Trans Mountain Response to NEB IR TERMPOL Rpt and Outstanding Filings (January 2, 2015) Finding 23	During Operations	Complete			Identified as part of the Westridge Marine Terminal Regulations and Operations Guide (WMTROG) and the Vessel Acceptance Standard (VAS) filed as part of the NEB Reconsideration Hearing (MH-052-2018), Filing IDs: WMTROG (2018) A6J6H7 and VAS (2018) A6L2A3, Requirement has been met; updated VAS document will also be filed with CER Condition 134, See Sections 1.4 (p. 1), 2.7.1 (p. 11) and 4.4 (p. 17) of the WMTROG and Sections 2.2.4 (p. 4) of the VAS (2018).

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413	Marine Shipping	NEB, Transport Canada	Trans Mountain will continue to use industry best practices related to cargo transfer activities to enhance safety and the protection of the marine environment.	Trans Mountain Response to NEB IR TERMPOL Rpt and Outstanding Filings (January 2, 2015) Finding 26	Project Lifecycle	Complete			Identified as part of the Westridge Marine Terminal Regulations and Operations Guide (WMTROG) and the Vessel Acceptance Standard (VAS) filed as part of the NEB Reconsideration Hearing (MH-052-2018), Filing IDs: WMTROG (2018) A6J6H7 and VAS (2018) A6L2A3, Requirement has been met; updated VAS document will also be filed with CER Condition 134, See Sections 4.4.3 (p. 17) and 4.5.1 (p. 17) of the WMTROG and Sections 1.1.1 (p. 2) and 2.2.5.1 (p. 4) of the VAS (2018).
463	Marine Shipping	NEB, Transport Canada	Trans Mountain will require in its Tanker Acceptance Criteria that departing laden Project tankers to extend pilot disembarkation and tethered tug escort requirements to an area in the vicinity of Race Rocks, weather permitting and subject to the requirements identified in a Pacific Pilotage Authority 'Notice to Industry'.	Trans Mountain Response to NEB IR TERMPOL Rpt and Outstanding Filings (January 2, 2015) Finding 18	During Operations	Complete	Superseded by CER Condition	134	Through CER Condition 134 (Filing ID C23751), Attachment 1 Vessel Acceptance Standard (VAS) Section 3.16 (PDF pg 25) outlines the requirement that a tug escort service be provided to any laden tanker, and if a tug is not available the tanker must delay its departure, satisfying this condition. Additionally, section D vii further supports tanker escort requirements through Race Rocks (Buoy QA to Buoy J) (PDF pg 20).
472	Marine Shipping	Department of Fisheries and Oceans, Transport Canada	Once detailed engineering has been developed for the proposed expanded Westridge Marine Terminal, Trans Mountain will provide the Canadian Coast Guard (CCG) with information necessary to evaluate the additional navigation aids that it proposes to establish at the facility and otherwise seek advice and input of the CCG.	Trans Mountain Response to NEB IR TERMPOL Rpt and Outstanding Filings (January 2, 2015) Recommendation 3	Prior to Construction	Complete			See Appendix A (pg. 65 of PDF) of the Westridge Marine Terminal Project Description filed with the Vancouver Fraser Port Authority for Westridge Marine Terminal Development Permit in May 2017: https://www.portvancouver.com/wp-content/uploads/2017/06/TMEP_VFPA_Project_Description_June2017_V1.1_E (Accessed December 9, 2020).
531	Marine Shipping	Environment Canada	Trans Mountain will continue to identify, select and evaluate potential Environmental stewardship initiatives that align with priority areas of their Environmental Stewardship Program. Trans Mountain remains committed to participating in additional collaborative partnerships to collect data on marine bird abundance, distribution, and diversity in the Marine Regional Study Area (RSA) and welcomes further consultation with Environment Canada and other industry stakeholders on the structure and scope of a monitoring program.	GoC EC IR No. 2.047a, NEB IR No. 3.036a – Attachment 1, Filing ID A4H1X7).	Project Lifecycle	Complete			See documentation provided in response to CER CVA 2021-395 IR No. 38 (Package 1) on June 26, 2020: CVA2021-395 IR38 CT1703 Attachment 1 of 2 - Funding Marine Bird Survey, CVA2021-395 IR38 CT1703 Attachment 2 of 2 - Record of Contact , Recommendation 3 as described in the 16 Recommendations put to the Government of Canada by the NEB Reconsideration Report (Filing ID A6S2D8). The Governor in Council confirmed it will undertake to implement all the Recommendations in the Order in Council issued June 18, 2020 (PC Number: 2019-0820). Information and applications for the Trans Mountain Community Investment Program can be found at https://www.transmountain.com/community-investment (Accessed December 20, 2020).
533	Marine Shipping	Environment Canada	Trans Mountain is committed to establishing mutual data sharing agreements that support response planning and research initiatives as they relate to marine birds in Burrard Inlet and along the shipping route.	GoC EC IR No. 2.047e	Prior to Operations	Complete			Pacific Wildlife Foundation Publications, see Status and Distribution of Marine Birds and Mammals in Burrard Inlet and Indian Arm, British Columbia 2011-13: https://pwlf.ca/publications/ See documentation provided in response to CER CVA 2021-395 IR No. 38 (Package 1) on June 26, 2020: CVA2021-395 IR38 CT1703 Attachment 1 of 2 - Funding Marine Bird Survey, CVA2021-395 IR38 CT1703 Attachment 2 of 2 - Record of Contact, Recommendation 3 as described in the 16 Recommendations put to the Government of Canada by the NEB Reconsideration Report (Filing ID A6S2D8). The Governor in Council confirmed it will undertake to implement all the Recommendations in the Order in Council issued June 18, 2020 (PC Number: 2019-0820).
541	Marine Shipping	Transport Canada, Vancouver Fraser Port Authority DBA Port Metro Vancouver	Trans Mountain will carry out exercises entailing real time navigation simulation after completion of detailed design; such simulation maneuvers will be for the areas surrounding the Westridge Marine Terminal and will be carried out in consultation with Vancouver Fraser Port Authority DBA Port Metro Vancouver, the Pacific Pilotage Authority, and BC Coast Pilots.	Trans Mountain Response to NEB IR TERMPOL Rpt and Outstanding Filings (January 2, 2015) Recommendation 4	During Operations	Complete			See Section 9.3 (p. 71) of Trans Mountain direct evidence for NEB Reconsideration Hearing (MH-052-2018, Filing ID A6J6F4), BC Coast Pilots Application to Participate (p. 5) (MH-052-2018, Filing ID A6I1E7).
709	Marine Shipping	Living Oceans Society	Any available wind data inputs will be provided directly to the Intervenor on a USB stick as the file format does not lend itself to filing with the National Energy Board (NEB). Trans Mountain will provide these files to the NEB and any Intervenor on request.	Living Oceans IR No. 2.3	Prior to Construction	Complete			As part of the Fate and Behaviour Spill Modelling Study by EBA (now Tetra Tech) for Trans Mountain, a CD was prepared in 2014 containing all information recorded at the Westridge Station in 2013, including wind, current, and wave data. There is presently no documentation confirming this transaction. Trans Mountain's Final Argument was submitted in December 2015 to the CER and states that several intervenors did not consider research studies that were available on relevant properties (Filing ID A4W6L8), and points to a study provided to Living Oceans Society regarding the Trans Mountain Expansion Project that instead presents historical data on wind inputs for the Burrard Inlet and the Fraser River estuary instead (Filing ID A4L9R7, ex. pp 81, PDF page 26).
730	Marine Shipping	NEB, Province of British Columbia	Trans Mountain remains committed to playing a role in the dialogue on developing a spill monitoring sampling program for chemicals of potential concern in the shipping lanes in Canadian waters, along with other industrial marine traffic users in the Burrard Inlet and Straits of Georgia and Juan de Fuca.	NEB IR No. 3.023a; Province BC IR No. 1.1.41a	Prior to Operations	Complete			Trans Mountain engaged with multiple stakeholders to encourage a joint conversation about spill sample monitoring. This includes: - Ocean Wise (Vancouver Aquarium) Coastal Ocean Research Institute Pollution Tracker - Ocean Networks Canada (Coastal Radar) - Chamber of Shipping of BC - Canadian Coast Guard 16 Recommendations put to the Government of Canada by the NEB Reconsideration Report (Filing ID A6S2D8). The Governor in Council confirmed it will undertake to implement all the Recommendations in the Order in Council issued June 18, 2020 (PC Number: 2019-0820). Greater Vancouver Integrated Response Plan is described in Section 7.F (p. 189) of CCG evidence for the NEB Reconsideration Hearing (MH-052-2018, Filing ID A6J6L9).

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750	Marine Shipping	Environment Canada	Trans Mountain commits to undertaking surveys onboard randomly sampled tankers at the Westridge Marine Terminal during which time cargo tank covers and associated seals will be checked for leaks of real-time total hydrocarbon (THC) or total volatile organic compounds (TVOC) measurements using a portable monitor. These tests will be carried out by the Loading Master and four such works shall be completed, one per season.	GoC EC IR No. 2.071	During Operations	Complete	Superseded by CER Condition	53	RWDI memo dated April 8, 2020: Comparison of Fugitive VOC Emission Survey Results during Tanker Loading Fugitive Emission Management Plan, CER Condition 53 Westridge Marine Terminal. Trans Mountain has filed CER Condition 53 report in which survey procedures are outlined in the Executive Summary. Further process details on the tanker inspections (Section 3.3.1) and Fugitive Emissions from Tanker Loading (Section 5.1.1) are provided and have been approved by the CER (Letter Report No. 2 - A85416).
783	Marine Shipping	Province of British Columbia	Trans Mountain commits to supporting Western Canada Marine Response Corporation's implementation of the enhanced planning standards.	Province BC IR No. 2.52	Prior to Construction	Complete	Superseded by CER Condition	91, 133	A letter of agreement to implement enhancements was provided from Western Canada Marine Response Corporation (WCMRC) to Trans Mountain on March 13, 2023, which confirms enhancements were implemented.
835	Marine Shipping	BC Nature and Nature Canada	Trans Mountain will explore options for reducing lighting on Project-related vessels, to the extent that it is feasible with respect to safety and industry regulations.	BC Nature Nature Cda IR No. 2.16b.2	Prior to Construction	Complete	Superseded by CER Condition	134	Through CER Condition 134 (C23751), Trans Mountain has implemented requirements for the use of deck lights through Attachment 1 Vessel Acceptance Standard (VAS) under Annex B "Master's Declaration", Section 3.12 (PDF pg 25) and Attachment 2 WMT Regulations and Operations Guide Section 14.9 (PDF pg 39).
836	Marine Shipping	City of Vancouver	Vancouver Fraser Port Authority DBA Port Metro Vancouver's Enhancing Cetacean Habitat and Observation (ECHO) Program and the Green Marine's Underwater Noise Committee are two initiatives engaged in working collaboratively with industry to develop future guidelines for reducing underwater noise from large commercial vessels. Trans Mountain is committed to participating in both initiatives. Once such guidelines are available, Trans Mountain shall require project tankers to adopt those as best practice as part of its Tanker Acceptance Standards.	City of Vancouver IR No. 2.07.6a	Prior to Operations	Complete			Identified as part of the Westridge Marine Terminal Regulations and Operations Guide (WMTROG) filed as part of the NEB Reconsideration Hearing (MH-052-2018), Filing IDs WMTROG (2018) A616H7, Requirement has been met; See Sections 4.7 (p. 18), 10.0 (p. 44), 14.8 (p. 70), 14.9 (p. 71) and 16.12 (p. 84). Updated Tanker Acceptance Standard to be filed under Condition 134 at least three months prior to loading the first tanker at Westridge with product transported by TMEP facilities.
837	Marine Shipping	City of Vancouver	Trans Mountain is also committed to support the Government of Canada's efforts to establish and enforce marine safety regulations that ensure a world class tanker system, particularly those with similar affect as the Western Canada Marine Response Corporation (WCMRC) enhancements.	City of Vancouver IR No. 2.05.2c	Prior to Operations	Complete	Superseded by CER Condition	133, 134	Trans Mountain in the CER Condition 134 (C23751) filing provides marine safety regulations and guidelines that support the Government of Canada's efforts and also reflect the regulations of the Western Canada Marine Response Corporation as provided through out Appendix B.
839	Marine Shipping	Elizabeth May	In support of the Trans Mountain Expansion Project, Trans Mountain and Western Canada Marine Response Corporation (WCMRC) have committed to increasing the response capacity to 20,000 tonnes and exceeding the legislated response time requirements.	May E IR No. 2.1a	During Operations	Complete	Superseded by CER Condition	91, 134	A letter of agreement to implement enhancements was provided from Western Canada Marine Response Corporation (WCMRC) to Trans Mountain on March 13, 2023, as well as a table outlining the increase in response capacity, confirmed by WCMRC.
861	Marine Shipping	Metro Vancouver	Trans Mountain commits to undertaking surveys onboard randomly sampled tankers at Westridge during which time cargo tank covers and associated seals will be checked for leaks of real-time total hydrocarbon (THC) or total volatile organic compounds (TVOC) measurements using a portable monitor. These tests will be carried out by the Loading Master and four such surveys shall be completed, one per season.	Metro Vancouver IR No. 2.2.1	During Operations	Complete			RWDI memo dated April 8, 2020: Comparison of Fugitive VOC Emission Survey Results during Tanker Loading Fugitive Emission Management Plan, CER Condition 53 Westridge Marine Terminal.
868	Marine Shipping	Vancouver Fraser Port Authority DBA Port Metro Vancouver	Should Vancouver Fraser Port Authority DBA Port Metro Vancouver develop a particular facet of its EcoAction Program affecting tankers, Trans Mountain will publicize it through its Tanker Acceptance Standard and thereby encourage vessel operators to try and meet the program's standards as far as it is possible for the vessels to do so.	PMV IR No. 2.24c	Project Lifecycle	Complete	Superseded by CER Condition	134	Trans Mountain's filing of CER Condition 134 (Filing ID C23751) outlines vessel acceptance standards providing requirements to vessel operators.
887	Marine Shipping	Vancouver Fraser Port Authority DBA Port Metro Vancouver	Trans Mountain is committed to participating and contributing in a positive manner to discussions related to anchorages in Indian Arm should Vancouver Fraser Port Authority DBA Port Metro Vancouver wish to initiate such wider discussions.	PMV IR No. 2.02.a	Project Lifecycle	Complete			Email from VFPA anchorage review completed with copy of the new anchorage locations for Indian Arm.
907	Marine Shipping	Squamish Nation	Trans Mountain will require tug escort of all Project-related tankers for the entire transit from Westridge Marine Terminal to J Buoy.	Squamish Nation IR No. 2.05.x	Project Lifecycle	Complete	Superseded by CER Condition	133, 134	Trans Mountain's filing for Condition 134 (Filing ID C23751) Vessel Acceptance Standard outlines tug escort requirements for tankers for the entire transit from Westridge Marine Terminal to Buoy J.
941	Marine Shipping	Washington State Department of Ecology	Trans Mountain will continue to liaise with regulatory authorities such as the US Coast Guard and Washington State Department of Ecology.	WSDOE IR No. 2.11d	Project Lifecycle	Complete			Engagement with the US Coast Guard and Washington State stakeholders is specified in the Marine Engagement plan (section 4: Stakeholders/Audiences, PDF page 12). The US Coast Guard and the Washington State Department of Ecology are identified as stakeholders for ongoing engagement in the External Relations Plan (Section 5.2, PDF Pages 19 & 20). Engagement is in alignment with the Trans Mountain ISLMS External Stakeholder Communication Standard (section 4.0 Requirements, PDF Page 7-10).
1451	Marine Shipping	NEB	Tran Mountain will modify for clarity the regulatory compliance section of its tanker acceptance standard item 4.5.1 to read with the following "The vessel will be built to industry standards and operated in accordance with industry best practices, always compliant with relevant local and international laws and regulations. The vessel will carry ALL required and customary certificates of compliance."	NEB IR No. 4.09	Project Lifecycle	Complete	Superseded by CER Condition	134	Trans Mountain's Condition 134 filing (ID C23751) Vessel Acceptance Standard (VAS), section 3.3 outlines a local operating guidance that states review of VFPA EcoAction Program for vessel eligibility and information. Additionally, through extensive consultation with shippers they clearly communicated to Trans Mountain this sentence was too broad and they asked for it to be clarified and referenced in the relevant sections of the standards and regulations. Details are provided in Section 1.4 Minimum Requirements (PDF pg 5) - vessel age requirements and/ or CAP rating - vessel must not be included on a blacklist - vessel must be entered with an Acceptable Classification Society - vessel must be entered with an International Group P&I Club and maintain coverage for an oil pollution incident - vessel must be crewed and operated under a certified safety management system - all vessel trading certificates, Class surveys, and records must be up to date - Vessel must have been recorded in the SIRE or

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									OVID database (as applicable) Exact wording was adjusted as a result of engagement with shippers. Intent of commitment has been met, as documents in the Vessel Acceptance Standard (Filing ID A8U8E1, pdf page 13).
1453	Marine Shipping	NEB	Trans Mountain will include in its Port Information and Terminal Operations Manual guidance the reporting requirements for mammal vessel strikes and mammals in distress. The information will be updated for the Fisheries and Oceans Canada (DFO) reporting requirements change in the future to ensure reporting requirements remain consistent with DFO.	NEB IR No. 4.09	Prior to Operations	Complete	Superseded by CER Condition	132, 134	Trans Mountain filed CER Condition 134 (Filing ID C13751), providing details for the Vessel Acceptance Standard (Attachment 1) and WMT Regulations and Operations Guide (Attachment 2) where in Section 17.7.4 guidelines on reporting requirements for a mammal in distress or the strike of a mammal are provided. These details are also documented through CER Condition 132 (Filing ID C23887) Marine Mammal Protection Plan where details of preventative measures to marine life are provided.
1469	Marine Shipping	Makah Tribal Council	Trans Mountain is committed to working with a Scientific Advisory Committee to address areas for future research and development on the fate and behaviour of diluted bitumen.	Makah TC IR No. 1.10a	Project Lifecycle	Complete			See research and findings related to the fate and behaviour of oil (diluted bitumen research) in Section 8.1.2 (p. 59) of Trans Mountain Direct Evidence submitted with the NEB Reconsideration Hearing (MH-052-2018, Filing ID A6J6F4). Trans Mountain continues to post updates to the Diluted Bitumen Information webpage of the Trans Mountain website: Diluted Bitumen Studies and Fact Sheets https://www.transmountain.com/diluted-bitumen-information . In compliance with BCEAO (EAC) Condition No. 35, Trans Mountain must submit reports about this research prior to Operations as well as at one year and 5 years post Operations.
1470	Marine Shipping	Makah Tribal Council	Trans Mountain, as part of its vessel screening process, will request that the tankers' staff know Marine Communications and Traffic Services (MCTS) contact numbers and the notification procedure.	Makah TC IR No. 1.16	Project Lifecycle	Complete			See Trans Mountain response to CER CVA 2021-395 IR No. 37. MCTS contact information added to the WMTROG (p. 8) filed in evidence for the NEB Reconsideration Hearing (MH-052-2018, Filing ID A6J6H7).
1514	Marine Shipping	Vancouver Fraser Port Authority DBA Port Metro Vancouver	Trans Mountain will discuss with Vancouver Fraser Port Authority DBA Port Metro Vancouver how traffic clearance and escort services by the Port Metro Vancouver Harbour Master's launch within Port Metro Vancouver boundaries may be extended to all Project tankers during their departure from Vancouver Harbour.	Pre-Application Project Description, p 27.	Prior to Operations	Complete			It is mentioned in the Port Information Guide. Port Authority Vessels will be available to clear traffic and provide escort services through First and Second Narrows during operational periods whenever possible.
1515	Marine Shipping	Vancouver Fraser Port Authority DBA Port Metro Vancouver	Post construction, Trans Mountain will actively discuss and agree with Vancouver Fraser Port Authority DBA Port Metro Vancouver and Transport Canada the modalities of observing real effects of traffic passing the Westridge Marine Terminal, will document those effects and if required will accordingly adjust the terminal's mooring plans in order to ensure the safety of the terminal and any berthed or passing vessels.	Trans Mountain Response to NEB IR TERMPOL Rpt and Outstanding Filings (January 2, 2015) Table A-1 Recommendation 5	During Operations	Complete			All berths at Westridge Marine Terminal have been operational since May 2024, with a Marine Interface Supervisor attending all vessels at the facility and documenting the entire port call period. During this time no change in vessel mooring or increase in load has been observed, and no concerns have been raised. Mooring loads are monitored within the fitted Trelleborg mooring system. Vancouver Fraser Port Authority and Transport Canada have confirmed through email correspondence with Trans Mountain that they are in agreement with Trans Mountain's observations and that the current channel design will remain in place.
1517	Marine Shipping	Province of British Columbia, Transport Canada	During the real time navigation simulation with pilots and tug operators, Trans Mountain will determine the minimum number and type of berthing tugs that will be required by vessels intending to use the expanded terminal and in consultation with Vancouver Fraser Port Authority DBA Port Metro Vancouver and the Pacific Pilotage Authority will include such requirements to the future Port Information and Terminal Operations Manual. This will also form part of Trans Mountain's future Tanker Acceptance Standard and tankers that do not commit to using berthing tugs will be denied their approval to load at Westridge.	Trans Mountain Response to NEB IR TERMPOL Rpt and Outstanding Filings (January 2, 2015) (Filing ID A4G3U5) Table A-1 Recommendation 13	Prior to Operations	Complete	Superseded by CER Condition	134	Trans Mountain filed the WMT Regulations and Operational Guidelines in CER Condition 134 filing (C23751). Section 13.1 of Attachment 2 provides and overview of the terms of use for control and operations of the Terminal, further details on the requirements for tug assistance is provided in Section 17.6 (PDF pg 16) Tug Escort of Tankers.
1518	Marine Shipping	Province of British Columbia, Transport Canada	Trans Mountain will make it a requirement of acceptance for tankers nominated to load at Westridge to have a suitable arrangement for the proposed enhanced tug escort. Trans Mountain will develop a tug matrix for inclusion as part of its Tanker Acceptance Standard to prescribe minimum tug capabilities required upon departure of the tanker. The tug matrix will define the capabilities and number of tugs required for foreseeable meteorological and ocean conditions and based on tanker and cargo size. The tug matrix will be developed by a qualified third-party consultant, in conjunction with the tug operators and regulatory authorities. Trans Mountain will deny approval to load at the Westridge Marine Terminal to Tankers that do not commit to tug escort in the Juan de Fuca Strait during their laden passage. To this end, Trans Mountain recently organized a meeting with Transport Canada, Pacific Pilotage Authority, Chamber of Shipping BC, tug operators, Robert Allan Ltd, Tetra Tech EBA and marine experts. A technical working group was struck at the meeting. The technical working group will develop the matrix described above for untethered tug escort of Project tankers for the Strait of Georgia and Juan de Fuca Strait.	Trans Mountain Response to NEB IR TERMPOL Rpt and Outstanding Filings (January 2, 2015) (Filing ID A4G3U5) Table A-1 Recommendation 8	Prior to Operations	Complete	Superseded by CER Condition	91, 133, 134	Through Condition 91 (A5R4K2) Section 5.1 details are provided on the Enhanced Tug Escort and the requirements implemented. Trans Mountain has filed CER Condition 134 (Filing ID C23751) which includes Attachment 1 Vessel Acceptance Standard and Attachment 2 WMT Regulations and Operational Guidelines, where details on tug escort requirements, passage through the Fuca Strait during laden passage and untethered tug escort of tankers. Attachment 2 Section 17.6.3 provides the Tug Matrix and Attachment 1 Annex B, Section 3.16 outlines the requirement to arrange for tug escort services from KOTUG Canada for tanker laden passage. Documentation on the technical working group and the development of the matrix described above for untethered tug escort of Project tankers for the Strait of Georgia and Juan de Fuca Strait is provided in Condition 91 (A5R4K2), Section 6.0 filed in 2017, and again in 2020 (A7D1F0) Section 4.0.
1527	Marine Shipping	Natural Resources Canada	Should Trans Mountain learn that Asian Gypsy Moth egg masses are hatching onboard a vessel, whether the vessel is berthed at Westridge terminal or not, Trans Mountain will inform CFIA and request guidance.	GoC NRCAN IR No. 2.123	During Operations	Complete			See Sections 10.6 (p. 46), 15.3.1.16 (p. 80) and Contact information for Canadian Food Inspection Agency (p. 9) of the Westridge Marine Terminal Regulations and Operations Guide (WMTROG) - filed as Attachment 6.5.2 to Trans Mountain evidence (MH-052-2018, Filing ID A6J6H7).
1703	Marine Shipping	Environment Canada	Trans Mountain will meet with Environment Canada in April 2014 to discuss a collaborative, industry-wide approach to the development of a long-term monitoring program for marine birds.	EC P-IR No. 1.19	Prior to Construction	Complete			See documentation provided in response to CER CVA 2021-395 IR No. 38 (Package 1) on June 26, 2020: CVA2021-395 IR38 CT1703 Attachment 1 of 2 - Funding Marine Bird Survey, CVA2021-395 IR38 CT1703 Attachment 2 of 2 - Record of Contact.
1707	Marine Shipping	NEB	Trans Mountain is committed to working with the Department of Fisheries and Oceans (DFO), participating Aboriginal communities, Vancouver Fraser Port Authority DBA Port Metro Vancouver	NEB IR No. 1.51	Prior to Construction	Complete			See the DFO Fisheries Act Authorization application package and subsequent approval from 2019: WMT FAA Cover Letter July 2019, DFO 19-HPAC-00501

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			and other stakeholders to identify the most appropriate means of offsetting serious harm to marine fish and fish habitat. Trans Mountain will submit a preliminary marine fish habitat offsetting plan to the NEB in Q3 2014.						Application for Fisheries Act Authorization for Westridge, Fisheries Act Authorization No. 19-HPAC-00753 - Westridge Marine Terminal Expansion (Amended) (issued January 20, 2020). Consultation and Engagement are described in Section 2.0 of the FAA application for Amendment (p. 2.1, p. 25 of PDF).
1717	Marine Shipping	NEB	Trans Mountain will ensure its Port Information and Terminal Operations Manual is available to oil shippers and their agents in time for them to understand and fully comply with its contents.	TERMPOL Rpt and Outstanding Filings Table A-1 Recommendation 16	During Operations	Complete			Trans Mountain has shared the WMTROG and associated vessel acceptance standard with shippers and agents. A copy of the current Westridge Marine Terminal Regulations and Operations Guide (WMTROG) and Vessel Acceptance Standard including the Masters Declaration and Vessel Information Checklist (VAS) has been shared publicly as part of the NEB Reconsideration hearing (MH-052-2018). Identified as part of the Westridge Marine Terminal Regulations and Operations Guide (WMTROG) and Vessel Acceptance Standard (VAS), VAS Masters Declaration and Vessel Information Checklist filed as part of the NEB Reconsideration Hearing (MH-052-2018), Filing IDs WMTROG (2018) A6J6H7, VAS (2018) A6L2A3 and VAS Masters Declaration and Checklist (2018) A6L2A5, Requirement has been met; updated VAS document will also be filed with CER Condition 134, Whole documents apply - see also Appendix C flow chart on p. 90 of WMTROG.
1768	Marine Shipping	NEB	Trans Mountain commits to commencing a process to solicit and obtain feedback and comments from Indigenous Groups on the draft versions of the Marine Mammal Protection Program (MMPP), no later than 18 months before the commencement of Project-operations.	Reconsideration Report p. 406, 422; IR No. 1.2 (a)	Prior to Operations	Complete			Workshops began with Indigenous Groups back in the spring of 2022. Consultation is ongoing, and the draft MMPP with a request for feedback and comments has also been distributed to the Indigenous Groups.
1769	Marine Shipping	NEB	Trans Mountain commits to including the following information in its Westridge Marine Terminal Regulation and Operations Guide (WMTROG): If there is support for it from the appropriate federal authorities, Trans Mountain would request Project-related vessels skirt recently designated critical habitat for the Southern Resident Killer Whales (SRKW) and Northern Resident Killer Whales (NRKW) off Southwestern Vancouver island by including a Deviation Point in the vessel's passage plan, and request that they proceed at not more than 12 knots between the Deviation Point and Buoy J, safe navigation permitting and if feasible to. (Measure 1)	Reconsideration Report p. 406, 407, 421; Direct Evidence pp. 50, 51	Prior to Operations	Complete			Trans Mountain through CER Condition 132 (Filing ID C23751) has provided an update to the Vessel Acceptance Standard (VAS) and WMT Regulations and Operations Guide (WMTROG) documents which outlines the best practices to mitigate impacts for shipping.
1770	Marine Shipping	NEB	Trans Mountain commits to working with Project shippers to optimize Marine Transport Efficiencies, reduce the number of Project-related vessel shipments by maximizing tanker cargo volume to reduce underwater noise (Measure 3).	Reconsideration Report p. 407; Direct Evidence pp. 52, 53	Prior to Operations	Complete			Trans Mountain has worked with shippers to optimize Marine Transport Efficiencies as demonstrated through the engagement summary provided in the Rules and Regulations filing in January 2023 (Filing ID C23061-2 Para 13). Engagement with shippers to optimize vessel loading and reduce underwater noise has been provided in Condition 134 (Filing ID C27427) Westridge Marine Terminal Regulations and Operations Guide and Vessel Acceptance Standard filed March 31, 2023.
1771	Marine Shipping	NEB	Trans Mountain commits to continue collaborating and work in partnership with active marine authorities and organizations, and coastal communities to provide information about Project-related marine vessels and associated marine concerns. - Former NEB Condition 131	Reconsideration Report p. 454	Prior to Operations	Complete	Superseded by BC EAO	11	Condition 131 (Marine Public Outreach Program) was removed from Trans Mountain's list of Conditions as an outcome of the Board's Reconsideration Hearing MH-052-2018. BCEAO Condition 11 - Aboriginal Marine Outreach Program instead supersedes C131. BCEAO Condition 11 was filed November 2023, which documents Trans Mountain's consultations with Indigenous Groups and marine stakeholders regarding relevant marine-related initiatives, programs, and research. This filing also outlines annual marine public outreach campaigns (and other engagement) dating back to 2017. Table 3 of the filing lists identified audiences, which includes Government Authorities, Indigenous Groups, and Coastal communities (Page 3). Engagement Communication Methods are found in section 2.5 (page 5).
1773	Marine Shipping	NEB	Trans Mountain is not responsible for sourcing operating tankers, however it commits to discussing the Energy Efficient Design Index (EEDI) as part of Trans Mountain's future discussions with shippers on marine issues.	Reconsideration Report p. 390, 394	Prior to Operations	Complete			EEDI was discussed with Project shippers as part of meeting and updates after the NEB Reconsideration Hearing. Energy efficient design and the need to reduce marine GHGs is also a common topic at the Marine Shipper Subcommittee meetings in the context of escort tug procurement. For example shippers are supportive of considering energy efficiency design options as part of the escort tug procurement process. Meetings with Trans Mountain Shippers are confidential (commercial in nature). A copy of some aspects of the tug escort RFP may be provided.
1807	Marine Shipping	NEB	To manage the increase in atmospheric sound levels, Trans Mountain has committed to ensuring that all Project-related tankers and tugboats are fitted with exhaust silencers similar to those already in place. This will limit the sound emitted by all vessels passing through the Marine Regional Study Area (RSA) and calling at the Westridge Marine Terminal. While Trans Mountain cannot eliminate sound from singular events such as horns, Trans Mountain will encourage vessel operators to follow best practices that consider nuisance effects from such activities and attempt to reduce or eliminate those nuisance effects to the greatest extent possible.	Revised Final Argument s. 7.2.2.4 p301	Project Lifecycle	Complete	Superseded by CER Condition	134	Trans Mountain has filed CER Condition 134 (Filing ID C23751) which provides details on noise guidelines. Attachment 1, Section 3.11 identifies the requirements of respecting residents in surrounding neighborhoods and confirms Vessels fitted with silencers. In Attachment 2, Section 17.19.4 states the requirement for each vessel to have main and auxiliary engine exhaust silencers fitted and in good condition.
1825	Marine Shipping	NEB	In addition to the navigation marks on the dock complex, Trans Mountain will ensure every time a tanker or barge calls at Westridge, it will be enclosed within an oil spill boom. The oil spill boom will be marked with day and night navigation marks and provide another visible means of warning for recreational vessels.	Technical Update #2 - Recreational Boat Traffic p20	During Operations	Complete	Superseded by CER Condition	134	Trans Mountain filed CER Condition 134, Attachment 2 of which outlines requirements for oil spill booms, including pre-booming, emergency oil spill booms, and communication requirements (Filing ID C27427). The Westridge Marine Terminal Operating Manual (Section 3.30 Vessel Mooring and Release) further describes deploying and removing booms for vessels calling at WMT. A representative of Trans Mountain's Marine Logistics team confirms that each operational oil spill boom has three anchoring buoys white in

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									colour with a yellow stripe on top and all floatation chambers being orange in colour; this is considered satisfactory markings for daytime. Trans Mountain has worked with Seaforth to purchase and install 10 flashing warning lights equally spaced out on each operations oil spill boom.
1873	Marine Shipping	NEB	Trans Mountain intends to continue to facilitate an optimized Juan de Fuca escort tug procurement process through the Shippers Marine Subcommittee, that will evaluate the feasibility as to whether escort tugs can participate in spill response. Trans Mountain will report back to the Board through Condition 133 (Measure 2).	Reconsideration Report p. 51, 52	Prior to Operations	Complete			This is a commercial negotiation. Outcomes will be made public through an announcement once the vessel procurement process is complete in 2021.
2114	Marine Shipping	NEB	Trans Mountain will develop a tug matrix for inclusion as part of its Tanker Acceptance Standard to prescribe minimum tug capabilities required upon departure of the tanker.	NEB IR No. 1.59a	Prior to Operations	Complete	Superseded by CER Condition	133, 134	Commitment addressed in the filing of Condition 91 – the tug matrix is featured as Figure 3 on page 5 of the filing (Section 3.1.1 Trans Mountain's Role) A7D1F0
2223	Marine Shipping	NEB	Trans Mountain will develop a procedure for vessel to vessel transfers. Both vessels will have Westridge Marine Terminal (WMT) Loading Masters on board who will establish and maintain communications prior to and during transfer operations. Vessel to vessel transfer operations will be continuously monitored by WMT operations staff.	NEB IR No. 3.063b	Prior to Operations	Complete			Trans Mountain has developed a Ship to Ship Product Transfer Procedure; which outlines the receiving and loading vessel preparations and actions, including ensuring there is communication between vessels to ensure safe operation.
2228	Marine Shipping	NEB	Trans Mountain will commit to include a section on marine birds in its future Port and Terminal Book, and will be submitted to the Termpol Review Committee a minimum of 6 months prior commencement of operations.	NEB IR No. 4.011a	Prior to Operations	Complete			See Section 10.7 (p. 46) of the Westridge Marine Terminal Regulations and Operations Guide (WMTROG) Attachment 6.5.2 of Trans Mountain evidence in the NEB Reconsideration Hearing (MH-052-2018, Filing ID A6J6H7): Bird Strikes.
2310	Marine Shipping	T'Sou-ke First Nation	Trans Mountain commits to continue to support air quality initiatives through Vancouver Fraser Port Authority DBA Port Metro Vancouver such as Eco Action to limit marine emissions.	Reply Argument - Appendix A Comments on NEB Draft Conditions - Condition 19	During Operations	Complete			Trans Mountain has met this commitment by laying out operational emission reduction practices in its Condition 52 filing. Trans Mountain has also included information to the Westridge Marine Terminal Regulations and Operations Guide (WMTROG) and Vessel Acceptance Standard (VAS) providing guidance and encouraging vessel participation in limiting air emissions when visiting the Westridge Marine Terminal. Trans Mountain monitors technical and regulatory developments in this field and update the applicable procedures and information guides.
2499	Marine Shipping	Ditidaht First Nation, Pacheedaht First Nation	Trans Mountain will raise awareness among Project tankers about conditions near Swiftsure Bank with Project tanker operators in its Port Information and Terminal Operations Manual (Measure 1).	Reply Evidence 57.9 Aboriginal Traditional Marine Use p.57.12 line 3	Prior to Operations	Complete			See Section 14.15 (p. 74) of the Westridge Marine Terminal Regulations and Operations Guide (WMTROG) Attachment 6.5.2 of Trans Mountain evidence in the NEB Reconsideration Hearing (MH-052-2018, Filing ID A6J6H7): Swiftsure Bank. See also Section 2.7.9 (p. 12) of the Vessel Acceptance Standard (VAS) Masters Declaration and Vessel Information Checklist (MH-052-2018, Filing ID A6L2A5), An updated VAS document will also be filed with CER Condition 134.
2705	Marine Shipping	Environment Canada	Trans Mountain commits that routine maintenance at the Westridge Marine Terminal will include checking the water depth alongside each berth every few years, which will be coordinated with periodic routine topside and underwater dock inspections.	EC P-IR No. 1.26	During Operations	Complete			VFPA survey data published after 3 year surveys completed.
2739	Marine Shipping	NEB	To mitigate the disruption of use of travelways, Trans Mountain will provide regular updated information on Project-related marine vessel traffic to shipping associations, such as Chamber of Shipping.	Application Volume 8A, 8A-367, Application Volume 8A, 8A-388, Application Volume 8B, 6-2; Application Volume 8B, 5-3;	During Operations	Complete			Traffic Information on the Pacific Pilotage Authority website: https://pilot.kleinsystems.com/public/PPA/PPA_CurrentTraffic.aspx (Accessed December 14, 2020). Vessel traffic information also available through new Ocean Protection Plan programs: Enhanced Maritime Situational Awareness Website: EMSA https://tc.canada.ca/en/marine-transportation/navigation-marine-conditions/enhanced-maritime-situational-awareness-initiative-pilot-projects .
2740	Marine Shipping	NEB	To mitigate the effect of increased rail bridge operations, Trans Mountain will provide regular updated information on Project-related marine vessel traffic to CN Rail.	Application Volume 8A, 8A-388; Application Volume 8B, 5-3;	During Operations	Complete			Trans Mountain was a participant in the Second Narrows Rail Bridge Working group, which focused on coordination of vessel traffic movements under the CN Rail Bridge. Trans Mountain provided written comments about project-related marine vessel traffic to Second Narrows CN Rail Bridge Working group. An email from the Vancouver Fraser Port Authority was received by Trans Mountain on September 8, 2023 confirming Trans Mountain's participation and including report results. Trans Mountain responded confirming receipt.
2744	Marine Shipping	Termpol Review Committee	Trans Mountain will employ risk mitigation measures for the TMEP operations: Marine Terminal personnel who are trained for the purpose.	Application Volume 8C TR 8C01 Termpol 3.1 - Introduction p16	During Operations	Complete			Trans Mountain employs their Training Management Plan to ensure employees and contractors in all aspects of the pipeline lifecycle are appropriately trained and qualified. As part of this larger scope, training for personnel at the Westridge Marine Terminal is documented within the Westridge Marine Terminal Operating Manual. The Training Management Plan states that the training and qualification provided to Trans Mountain and its contractors serves as one of the control measures used to mitigate risks associated with the hazards identified by other ISLMS Programs.
2745	Marine Shipping	NEB	Trans Mountain will employ risk mitigation measures for the TMEP operations: Tethered tugs and standby tugs to assist the tanker during berthing at the terminal.	Application Volume 8C TR 8C01 Termpol 3.1 - Introduction p16	During Operations	Complete			Tug use for berthing/unberthing is mandatory under the requirements of the Vancouver Fraser Port Authority. Trans Mountain has submitted to updates to the VFPA for future info guide publications. See Port Information Guide: https://www.portvancouver.com/wp-content/uploads/2020/06/2020-06-12-PORT-INFORMATION-GUIDE-FINAL.pdf (URL accessed December 21, 2020).

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2747	Marine Shipping	Tempol Review Committee	Trans Mountain will employ risk mitigation measures for the TMEP operations: Loading platform at the berths drained to slop tanks and treated at shore.	Application Volume 8C TR 8C01 Tempol 3.1 - Introduction p16	During Operations	Complete	Superseded by CER Condition	134	Trans Mountain has published the Westridge Marine Terminal Operating Manual as part of their ISLMS system, which outlines the requirements for safe operation of loading platforms at the berths. The manual includes Section 3.5: Waste Oil Sump System which outlines sump tank locations, capacities, pumps, and the frequency of which the tanks will be emptied prior to the arrival of each new vessel, as well as the purpose of the waste oil sump tanks and the loading arm stripping sump tanks.
2751	Marine Shipping	Tempol Review Committee	Trans Mountain will employ risk mitigation measures for the TMEP operations: Overfilling detection at the tanker vessel.	Application Volume 8C TR 8C01 Tempol 3.1 - Introduction p16	During Operations	Complete			See section 12.10.4 (p. 58) and Section 12.16 (p. 60) of the Westridge Marine Terminal Regulations and Operations Guide (WMTROG) filed as attachment 6.5.2 to Trans Mountain evidence in the Reconsideration Hearing (MH-052-2018, Filing ID A6J6H7).
2753	Marine Shipping	Tempol Review Committee	Trans Mountain will employ risk mitigation measures for the TMEP operations: Operational procedures to ensure that all systems work adequately prior to cargo transfer.	Application Volume 8C TR 8C01 Tempol 3.1 - Introduction p16	During Operations	Complete			See Section 12.3.1 (p. 51) of the Westridge Marine Terminal Regulations and Operations Guide (2018) filed as Attachment 6.5.2 to Trans Mountain evidence during the NEB Reconsideration Hearing (MH-052-2018, Filing ID A6J6H7); see also Masters Declaration and Vessel Information Checklist, filed during the NEB Reconsideration Hearing (MH-052, 2018 Filing ID A6L2A5) based on ISGOTT ship shore safety checklist and other WMT safety requirements as part of pre-transfer conference.
2754	Marine Shipping	Tempol Review Committee	Trans Mountain will employ risk mitigation measures for the TMEP operations: Operational procedure for safe cargo transfer activities both onboard the ship and at the terminal.	Application Volume 8C TR 8C01 Tempol 3.1 - Introduction p16	During Operations	Complete			See Sections 5.5 (p. 23), 12.4.1 (p. 51) and 12.6.1 (p. 53) of the Westridge Marine Terminal Regulation and Operations Guide (WMTROG) filed as Attachment 6.5.2 with Trans Mountain evidence for the NEB Reconsideration Hearing (MH-052-2018, Filing ID A6J6H7).
2755	Marine Shipping	Tempol Review Committee	Trans Mountain will employ risk mitigation measures for the TMEP operations: A Loading Master assigned to each loading tanker.	Application Volume 8C TR 8C01 Tempol 3.1 - Introduction p16	During Operations	Complete			Identified as part of the Westridge Marine Terminal Regulations and Operations Guide (WMTROG) and the Vessel Acceptance Standard (VAS) filed as part of the NEB Reconsideration Hearing (MH-052-2018), Filing IDs: WMTROG (2018) A6J6H7 and VAS (2018) A6L2A3. Requirement has been met; updated VAS document will also be filed with CER Condition 134. See Sections 1.4 (p. 1), 2.7.1 (p. 11) and 4.4 (p. 17) of the WMTROG and Sections 2.2.4 (p. 4) of the VAS (2018).
2756	Marine Shipping	Tempol Review Committee	Trans Mountain will employ risk mitigation measures for the TMEP operations: Fire prevention and protection both onboard the vessel and at the marine terminal.	Application Volume 8C TR 8C01 Tempol 3.1 - Introduction p16	During Operations	Complete			Identified as part of the Westridge Marine Terminal Regulations and Operations Guide (WMTROG) filed as Attachment 6.5.2 in the NEB Reconsideration Hearing (MH-052-2018), Filing ID: WMTROG (2018) A6J6H7, See Sections 6.8 (p. 29), 9.13 (p. 43), 13.3 (p. 61) and 13.4 (p. 62) of the WMTROG.
2758	Marine Shipping	Tempol Review Committee	Although the use of Ore-bulk-oil (OBO) vessels has decreased since the 1980s it cannot be excluded that these vessel types are also used as oil carriers. However, Trans Mountain will only allow tankers to call at the Westridge Marine Terminal for oil transport.	Application Volume 8C TR 8C06 Tempol 3.8-Casualty Data p17	During Operations	Complete			As outlined in the Vessel Acceptance Standard in Attachment 1 of Trans Mountain's Condition 134 filing (ID C23751), section 1.4.1.8 states that Vessels must not be an "Ore-Bulk-Oil" or "combination" carrier.
2762	Marine Shipping	Tempol Review Committee	Prior to any cargo transfers involving a tanker berthed at the Terminal, Trans Mountain commits to conducting a two stage tanker acceptance process as follows 1) tanker pre-screening for scheduling purposes 2) tanker physical inspection.	Application Volume 8C TR 8C07 Tempol 3.9-Ship Specifications p15	During Operations	Complete	Superseded by CER Condition	134	Section 3.0 of Trans Mountain's Condition 134 filing (ID C23751) Attachment 2 provides requirements that apply every time a Vessel requests to call on the Terminal, regardless of whether or not the Vessel has previously qualified as an Accepted Vessel and called on the Terminal.
2779	Marine Shipping	Tempol Review Committee	Trans Mountain will continue to operate the meteorological station at the Westridge Marine Terminal to enhance the safety of mooring vessels during windy conditions. To enable this enhanced safety measure, a site office display can be installed to enable real time observations of weather parameters, particularly wind speed and direction.	Application Volume 8C TR 8C08 Tempol 3.10-Site Plans p48	Prior to Operations	Complete			Trans Mountain's Integrated Marine Mooring and Monitoring Systems Section outlines the Environmental Monitoring System including sensors for measuring wind speed and direction.
2928	Marine Shipping	Environment Canada	Trans Mountain will ensure all tankers and barges operating at Westridge Marine Terminal are Vapour Emission Control (VEC)-equipped. This practice will continue in future.	GoC EC IR No. 1.067	During Operations	Complete	Superseded by CER Condition	134	Following the Tank/Barge Acceptance Standards, the Loading Master ensures tankers and barges are suitably certified (Condition 53 CER Filing ID A82637 Section 3.3.1). Trans Mountain through CER Condition 134 (Filing ID C23751) has provided an update to the Vessel Acceptance Standard (VAS Section 2.12, PDF pg 23) and WMT Regulations and Operations Guide (WMTROG Section 7.6.3 (Critical OHF Equipment), PDF pg 24) documents which outlines the the Vapor Emissions Controls.
3002	Marine Shipping	NEB	Trans Mountain will continue to provide information about Trans Mountain Project-related shipping to other marine users. Specifically: provide regular updated information on Project-related marine vessel traffic to fishing industry organizations, Aboriginal communities and other affected stakeholders, where possible, through the Chamber of Shipping of BC; initiate a public outreach program prior to Project operations phase. Communicate any applicable information on Project-related timing and scheduling with fishing industry organizations, Aboriginal communities and other affected stakeholders.	NEB IR No. 3.008a-Attachment 1	Prior to Operations	Complete	Superseded by CER Condition	11	BCEAO Condition 11 was filed November 2023, which documents Trans Mountain's consultations with Indigenous Groups regarding relevant marine-related initiatives, programs, and research. Section 3.0 of the BCEAO Condition 11 filing outlines Trans Mountain's commitment to reporting on vessel traffic to various stakeholders including Indigenous groups, fishery organizations, and general public outreach. Appendix K is the 2023 Marine Outreach Program detailing Trans Mountain's communications about tanker and vessel traffic (Page K-1). This also includes providing the report with the Chamber of Fishing BC. The BCEAO Condition 11 filing confirms that Trans Mountain has been conducting a Marine Outreach Program in compliance with the conditions and commitments of the Trans Mountain Expansion Project since 2017 (page iv, pp. 2).

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3011	Marine Shipping	NEB	To enhance preventive measures currently in place through applicable legislation and regulations, Trans Mountain will implement the May 2013 recommendations of the Canadian Marine Pilot's Association Submission to the Tanker Safety Expert Panel.	NEB IR No. 3.010a-Attachment 1	During Operations	Complete			Recommendation 1: See Section 14.14 (p. 74) of the Westridge Marine Terminal (WMTROG) filed as Attachment 6.5.2 with Trans Mountain evidence in the NEB Reconsideration Hearing (MH-052-2018, Filing ID A6J6H7); see also Sections 2.4.2 (p. 7) and 2.7.8 (p. 12) of the Vessel Acceptance Standard (VAS) Masters Declaration and Vessel Information Checklist (MH-052-2018, Filing ID A6L2A5). An updated VAS will be filed in compliance with CER Condition 134 Recommendation 2: See Section 14.14 (p. 74) of the Westridge Marine Terminal (WMTROG) filed as Attachment 6.5.2 with Trans Mountain evidence in the NEB Reconsideration Hearing (MH-052-2018, Filing ID A6J6H7) Recommendation 3: See Pacific Pilotage Authority (PPA) response to Friends of Ecological Reserves IR No. 3.11.1.5 IR #23 during the NEB Reconsideration Hearing (MH-052-2018, Filing ID A6Q5E5). See also map of TMEP Marine Shipping Spill Prevention and Response Overview (November 13, 2019) [PDF] which identifies current and future pilot embarkation / disembarkation points Recommendation 4: See Appendix 4.1 (p. 12 - Rules for Liquid Bulk Carriers) submitted in evidence submitted by the Pacific Pilotage Authority in the NEB Reconsideration Hearing (MH-052-2018, Filing ID A6J5J1) Recommendation 5: Funding for new weather bouys was announced by the Government of Canada as part of the Ocean Protection Program in 2018: https://www.canada.ca/en/transport-canada/news/2018/05/government-of-canada-introduces-new-measures-and-enters-into-new-partnerships-for-safer-maritime-navigation-and-emergency-response-through-the-ocea.html (accessed December 14, 2020).
3013	Marine Shipping	NEB	Trans Mountain will ensure shippers have appropriate processes in place to address vessel damage, gear loss or injury.	NEB IR No. 3.010a-Attachment 1	During Operations	Complete			Identified as part of the Westridge Marine Terminal Regulations and Operations Guide (WMTROG) and the Vessel Acceptance Standard (VAS) filed as part of the NEB Reconsideration Hearing (MH-052-2018), Filing IDs: WMTROG (2018) A6J6H7 and VAS (2018) A6L2A3, Requirement has been met; updated VAS document will also be filed with CER Condition 134, See Sections 1.2.4.1 (p. 11), 3.2.2 (p. 14) and 3.3 (p. 15) of the WMTROG (2018) and Section 3.2.5.3 (p. 6) of the VAS (2018).
3023	Marine Shipping	NEB	Trans Mountain agrees that the protection of Tsartlip First Nation's sensitive aquatic environments is critical. In order to manage potential effects from air, greenhouse gas (GHG), noise (including underwater noise) and bilge discharge related pollution, Trans Mountain has implemented the following mitigation measures: all Project-related tankers are required to adhere to federal standards that may reduce air emissions, including standards for bunker fuel; all Project-related tankers are required to adhere to federal standards that may reduce GHG emissions, including standards for bunker fuel; all Project-related marine vessels will be fitted with exhaust silencers similar to those already in use through industry standards.	NEB IR No. 3.010a-Attachment 1	During Operations	Complete			Trans Mountain through CER Condition 134 (Filing ID C23751) has provided an update to the Vessel Acceptance Standard (VAS Section 3.11, PDF pg 25 and Section 7.2, Document 12, PDF pg 18) and WMT Regulations and Operations Guide (WMTROG Section 17.19.4 (Use of Anchorages), PDF pg 63) documents which outlines the best practices to mitigate impacts for shipping.
3497	Marine Shipping	Environment Canada	Trans Mountain will implement the following mitigation measures at the Westridge Marine Terminal to reduce potential effects from artificial lighting: during migratory bird periods and/or during extreme weather events, bird strike warnings will be issued to berthed vessels with a request to reduce deck lighting; inform all operators of Project-related vessels of the hazards regarding bird strikes occurring at night because of deck lighting or inclement weather and bird collisions with Westridge Marine Terminal structures; report all bird strikes/collisions immediately to Trans Mountain's Lead Activity Inspector and the Environmental Inspector. Bird strikes/collisions during operations will be reported to Trans Mountain's Operations Supervisor.	GoC EC IR No. 2.050	During Operations	Complete	Superseded by CER Condition	82	Trans Mountain through CER Condition 134 (Filing ID C23751) has provided an update to the Vessel Acceptance Standard (VAS Section 3.12, PDF pg. 25) and WMT Regulations and Operations Guide (WMTROG Section 14.9 (Lighting), PDF pg. 39, Section 17.8 (Light Induced Seabird Strike), PDF pg 60 and Section 17.19.3 (Anchorages), PDF pg. 63) documents which outlines the best practices to mitigate impacts for shipping.
3973	Marine Shipping	NEB	Trans Mountain commits to continuing to update and execute components of the Marine Public Outreach Plan annually, and filing the results of the outreach efforts as part of the Condition 131 filing with the NEB, anticipated in 2019.	NEB Cond IR No. 9.6	Post-Construction Monitoring	Complete	Superseded by BC EAO	11	As an outcome of the Board's Reconsideration Hearing MH-052-2018, Condition 131 Marine Public Outreach Program was removed from the list of Conditions; it is instead superseded by BCEAO Commitment 11 - Marine Outreach Program, which was filed November 17, 2023. This filing outlines annual marine public outreach campaigns (and other engagement) since 2017, and combines updated information inclusive of this date.
29	Operations	City of Abbotsford	Trans Mountain will monitor blasting used in aggregate mining at two quarries near Sumas Mountain during and post construction to ensure that pipeline integrity is not compromised.	City of Abbotsford IR No. 1.20b	During Construction	Complete	Superseded by Legal/Regulatory Requirement		Blasting at these two quarries is monitored to ensure that pipeline integrity is not compromised. Related standards and approaches are set out in Trans Mountain's Pipeline Integrity and Damage Prevention programs.
262	Operations	Adams Lake Indian Band	In the event that construction-related issues persist past five years of monitoring, the Post-Construction Environmental Monitoring (PCEM) program will continue until measures are considered to be effective and the issue resolved.	ALIB IR No. 1.6.08a	During Operations	Complete	Superseded by CER Condition	151	Commitment is superseded by Condition 151 Post-construction environmental monitoring reports where in the post-construction environmental monitoring report filed after the fifth full growing season after completing clean-up, Trans Mountain must include: i) an assessment of the effectiveness of mitigative and corrective actions and how learnings have been or will be applied to Trans Mountain's Environmental Protection Program; ii) a detailed description of all valued components or issues for which the measurable goals have not been achieved during the duration of the post-construction monitoring program; and iii) an evaluation of the need for any further corrective actions, measurable goals, assessments, or monitoring of valued components or issues, including a schedule for those.
264	Operations	Adams Lake Indian Band	In the unlikely event of a spill along the Right-of-Way that results in contamination of food fish for Aboriginal communities, and should residual environmental effects or contamination remain, Trans	ALIB IR No. 1.3.38	During Operations	Complete	Superseded by Legal/Regulatory		Trans Mountain's Emergency Response Plan was developed to ensure immediate and precise responses to spills. In order to ensure a swift

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			Mountain commits to consulting with affected Aboriginal communities to identify mutually acceptable in-kind or replacement measures to replace or offset impacts directly related to and caused by the spill.				Requirement		response, Trans Mountain (TM) continually monitors the pipeline and surrounding areas (e.g shorelines). Trans Mountain's notification steps include notifying all affected parties within a defined area (depending on the scope of the spill) that could include Indigenous Health Authorities within the area (e.g First Nations Health Authority in BC). Post-incident, TM initiates the Sampling and Monitoring Plan where steps are taken to ensure resources are protected. In the event of a spill affecting food fish for Indigenous communities, affected communities can submit a claim . Trans Mountain's Emergency Response Plan sets out the process for managing claims.
281	Operations	BC Parks, NEB	For maintenance and operations purposes,Trans Mountain will work with BC Parks to identify roads that may need to be reactivated and will determine which access controls (e.g., gates) may be warranted.	BC Parks boundary adjustment application (August 2014)	During Operations	In Progress			
282	Operations	BC Parks, NEB	Trans Mountain will ensure that access to any point on the pipeline is available year round in the event of an operational issue or in the unlikely event of a leak.	BC Parks boundary adjustment application (August 2014)	During Operations	Complete			Commitment is addressed by Trans Mountain's Right-of-Way Maintenance Standard, which states that in order to provide access for aerial and ground surveys, maintenance work, and emergency response, the entire right-of-way will be cleared of all vegetation over the height of 1 metre. Access for emergency response requires a minimum of 3 meters on either side of the pipeline, and mature vegetation will not exceed 1 metre.
364	Operations	NEB	Trans Mountain will monitor the condition of the right-of-way in a timely manner after any heavy rainfall events to look for erosion or washout areas and remediate any damage to protect the integrity of the pipeline.	Application Volume 5A, 7-530.	During Operations	Complete	Superseded by Legal/Regulatory Requirement		Commitment is addressed through Trans Mountain's Integrity Management Program, Pipeline Natural Hazard Monitoring and Control Standard, which states that if a hazard site experiences a rainfall event in its watershed, then the current inspection frequency is overridden, and the hazard site should be inspected within the calendar year.
399	Operations	Tsleil-Waututh Nation	Trans Mountain commits to filing information concerning any spills or releases from the existing Trans Mountain pipeline , how much released product made its way into a water body, and the Environmental effects of the release.	Tsleil-Waututh Nation F-IR No. 1.2.1.5.01a	Prior to Construction	Complete			Trans Mountain fulfilled this commitment in a follow-up submission to the NEB dated August 1, 2014 (Filing ID A62083, Exhibit B247-36).
414	Operations	Chris Amy	Trans Mountain will run regular cleaning pigs through the pipeline to mobilize any deposits to prevent internal corrosion. Trans Mountain will perform in-line inspection as outlined in Volume 4C Section 8.1.4 of the Application to monitor for metal loss due to internal corrosion. Trans Mountain will complete field inspections of any anomalies that meet Trans Mountain's inspection criteria and will complete any required repairs.	Amy C IR No. 1.6b	During Operations	Complete	Superseded by Legal/Regulatory Requirement		Commitment is addressed via Trans Mountain's Pipeline Integrity Management Program which outlines Trans Mountain's monitoring, identification, and repair recommendations for anomalies including internal and external corrosion.
416	Operations	City of Burnaby	Annual risk assessments will consider internal corrosion, external corrosion, cracking, third party damage, material defects, outside forces and operator error.	City Burnaby IR No. 1.46.04m	During Operations	Complete	Superseded by Legal/Regulatory Requirement		Commitment addressed by Trans Mountain's Integrity Management Program which defines threats that are reportable in the annual risk assessments, including external corrosion, internal corrosion, mechanical damage, cracking, incorrect operations, and equipment failure.
417	Operations	City of Burnaby	Chemical dispersants would not be stored at Westridge Terminal.	City Burnaby IR No. 1.26.08b	During Operations	Complete			Trans Mountain's Emergency Response Plan for Westridge Marine Terminal states that all non-traditional or alternative cleanup techniques, such as the use of chemical dispersants, requires regulatory approval. As such, Trans Mountain does not store chemical dispersants at the Westridge Marine Terminal.
418	Operations	City of Burnaby	Depth of cover will be monitored every 5 years during close interval cathodic protection surveys and any hazards resulting from low depth of cover will be addressed.	City Burnaby IR No. 1.46.04h	During Operations	Complete	Superseded by Legal/Regulatory Requirement		Commitment is addressed by Trans Mountain's Integrity Management Program which states that Close Interval Surveys will be conducted at 5 year intervals and that any anomalies or hazards identified will be assessed and addressed as required.
420	Operations	City of Burnaby	Risk assessments will be performed annually on the pipelines and every 3 years on facilities.	City Burnaby IR No. 1.46.04 hh	During Operations	Complete	Superseded by Legal/Regulatory Requirement		Commitment addressed by Trans Mountain's Integrity Management Program which stated that in accordance with the OPR and CSA Z662 risk assessments are conducted on the pipeline and facilities on an annual basis.
421	Operations	City of Burnaby	Trans Mountain will complete a baseline natural hazard assessment of the TMEP system within the first year of operation and incorporate the identified natural hazard sites into the established natural hazard database.	City Burnaby IR No. 1.46.04 p	During Operations	Complete	Superseded by CER Condition	66, 147	This commitment is superseded by Condition 147. Trans Mountain addresses this commitment through Condition 147 Natural Hazard assessment filings completed within 1 year after commencing operations. The Report was filed with the CER on April 25, 2025 [C34307]
422	Operations	City of Burnaby	Trans Mountain will monitor corrosion growth rates through successive in-line inspection tool runs to ensure that the pipe remains safe to operate.	City Burnaby IR No. 1.46.04 w	During Operations	Complete	Superseded by Legal/Regulatory Requirement		Commitment addressed by Trans Mountain's Integrity Management Program which outlines Trans Mountain's management processes for external and internal corrosion using in-line inspection tool runs.
423	Operations	City of Burnaby	Trans Mountain will monitor for metal loss, pipe movement, mechanical damage, cracking and material defects on a nominal 5 year interval using an in-line inspection program.	City Burnaby IR No. 1.46.04 n	During Operations	Complete	Superseded by Legal/Regulatory Requirement		Commitment addressed by Trans Mountain's Integrity Management Program which describes the use of In-Line Inspection tools for the purposes of threat management.
424	Operations	City of Vancouver	Trans Mountain will adaptively manage potential residual effects associated with changing climate through the Natural Hazards Management Program. During operations of the Project, it is expected that Trans Mountain will be adaptive in their management of the pipeline and schedule maintenance activities to accommodate local Environmental conditions and implement the appropriate protection measures to suit local Environmental conditions thereby reducing the potential Environmental effects.	City of Vancouver IR No. 1.06.02a	During Operations	Complete	Superseded by Legal/Regulatory Requirement		Commitment addressed via Trans Mountain's Pipeline Integrity Program which describes the program requirements for the management of hydrotechnical, geotechnical, and seismic hazards including the use of the Integrity Hazard Identification and Review process for continuous identification of additional natural hazard sites.

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425	Operations	C.G.L.A.P. - Collaborative Group of Landowners Affected by Pipelines	Trans Mountain is committed to provide advance notice in a reasonable and practical manner, and to control work hours to minimize the disruption to the owner's use of their land in accordance with the NEB Operations and Maintenance Activities Guidelines.	CGLAP IR No. 2.9c	During Operations	Complete	Superseded by Legal/Regulatory Requirement		Trans Mountain adheres to Operations and Maintenance Activities on Pipelines Regulated under the CER Act, Section 4.3 which requires companies to engage parties whose rights or interests may be affected by O&M activities in advance of the activities. Trans Mountain's Land and Right-of-Way Management Plan, states that the Land Department notifies and consults with Landowners as required for operations and maintenance of the pipeline in support of other programs. Additionally, Trans Mountain engaged with CGLAP and reached an agreement addressing the concerns with access to lands and working hours for TMEP construction.
426	Operations	Natural Resources Canada	Trans Mountain will monitor flooding advisories and perform additional aerial and ground patrols during high river flow conditions but there are currently no plans to perform real time monitoring of specific river crossing sites.	GoC NRCan IR No. 1.03.7	During Operations	Complete	Superseded by Legal/Regulatory Requirement		Commitment is addressed through Trans Mountain's Damage Prevention Procedures and Guideline - Conducting Right-of-Way Ground Patrols, and Trans Mountain's Damage Prevention Standards - Right-of-Way Patrols and Monitoring Standard, which state additional ground and aerial patrols will be assigned during high river flow conditions in response to flooding advisories if safe.
428	Operations	New Democratic Party of Canada	Trans Mountain will dispatch personnel for the purpose of preventing spills on a routine basis including to complete integrity digs, preventive maintenance, clearing, signage, inspection, response to unauthorized activity reports near the pipeline, and many other varied tasks.	NDP IR No. 1.1.1d	During Operations	Complete	Superseded by Legal/Regulatory Requirement		Trans Mountain through the Pipeline Integrity Program and Damage Prevention Program maintain the right-of-way through scheduled monitoring addressing any maintenance, clearing, signage, inspection, unauthorized activities, etc. that may be observed.
429	Operations	North Shore NOPE	Trans Mountain will continue to operate a learning management system to track and document all employee training.	NSNOPE IR No. R-1.17b	During Operations	Complete	Superseded by Legal/Regulatory Requirement		Commitment is addressed through Trans Mountain's Training Management Program, which states that Trans Mountain will maintain a Learning Management System which delivers training and manages the training records database. Additionally, reports are generated to measure training compliance rates and are presented in the Quality Assurance Annual Report.
430	Operations	Upper Nicola Band	Trans Mountain will complete in-line inspections with a high-resolution ultrasonic crack detection tool within two years of start-up of the Darfield to Black Pines segment.	Upper Nicola Band IR No. 1.08h	During Operations	Complete			Commitment is superseded by CER Condition 143 a(ii) which states an in-line ultrasonic crack detection inspection will take place within two years after commencing operations. The high-resolution ultrasonic crack detection tool is scheduled to be completed in September 2025.
431	Operations	Upper Nicola Band	Trans Mountain will monitor locations with risk of slope movement as part of its Natural Hazard program as outlined in Section 8.15 of Volume 4C of the application. Where recommended as a result of engineering assessments, Trans Mountain will install instruments to monitor slope movement or to monitor pipeline strain to ensure the pipeline is not being damaged by soil movements.	Upper Nicola Band IR No. 1.08o	During Operations	Complete	Superseded by Legal/Regulatory Requirement		Commitment addressed by Trans Mountain's Pipeline Integrity Program, which states that natural hazards are prevented through monitoring site conditions, and performing appropriate mitigation measures to increase protection of the pipeline from natural hazards. Inspections and monitoring take place on an annual basis
434	Operations	NEB	Any product moved in the pipeline must meet Trans Mountain's tariff requirements which include the following limitations on product qualities: a maximum temperature of 38°C; a maximum density of 940 kg/m ³ (specific gravity of 0.94); a maximum viscosity of 350 centistokes at Reference Temperature; maximum impurities (bottom sediments and water) of 0.5% of volume; and maximum Reid Vapour Pressure of 103 kPa.	Part 2 – Consultation Update No. 1, 2-66	During Operations	Complete	Superseded by Legal/Regulatory Requirement		The prevailing Petroleum Quality Specifications are set out in the Rules and Regulations of the Trans Mountain Petroleum Tariff, as posted on the company's external website and as filed with the CER.
435	Operations	NEB	As is the case on the existing Trans Mountain system, comprehensive integrated procedures will ensure that batches are reliably injected and Trans Mountain Pipeline (ULC) delivered in accordance with pumping instructions issued to the CCOs by the Shipper Services Department.	Part 2 – Consultation Update No. 1, 2-47	During Operations	Complete	Superseded by Legal/Regulatory Requirement		Trans Mountain's Shipper Services Department creates and issues pump orders which are executed by the CCOs. The process implemented for Line 2 is a continuation of the process used for Line 1.
437	Operations	NEB	Trans Mountain will commit to complete integration of all inspection data sets with the final integration to be complete within the first two years of operation or following completion of the dig program for the crack inspection.	NEB IR No. 1.89d	During Operations	Complete	Superseded by Legal/Regulatory Requirement		This commitment is met through summary reports filed under Condition 143. Data integration of ILI tool runs, i.e. MFL-C, MFL-A, and caliper with UTCd, is performed by Trans Mountain using boxed matched overlays across girth weld aligned data sets. Trans Mountain has filed completed in-line inspection data integration reports to the CER as part of Condition 143 (ex. Hargreaves to Blue River [C33716], Mountain 3 North to Mountain 3 South [C33793], Blue River to Darfield, Black Pines to Hope [C34035]).
438	Operations	NEB	Trans Mountain will review its existing operations (i.e., staff levels, operations facilities, pipeline protection and integrity programs) and will make appropriate adjustments to support the proposed expanded TMPL system.	Pre-Application Project Description, p 1.	During Operations	Complete			Trans Mountain's Business Readiness Teams initiative ensures efficient integration of new assets into existing operations, leveraging on project and base business knowledge, capabilities, and resources. Success with Business Readiness is essential to ensuring the expanded pipeline system is ready for safe, compliant, commercially viable, and sustainable operations.
439	Operations	NEB	Trans Mountain will track GHG emissions in Alberta and British Columbia during the operation of the pipeline once construction has been completed. In compliance with federal and provincial GHG reporting requirements, Trans Mountain will report direct annual operating GHG emissions from facilities which meet or exceed the reporting thresholds.	NEB IR No. 1.32	During Operations	Complete	Superseded by Legal/Regulatory Requirement	Government of British Columbia's Greenhouse Gas Emissions Reporting Regulation and National Pollutant Release Inventory (NPRI)	Commitment is addressed by the Government of British Columbia's Greenhouse Gas Emissions Reporting Regulation and National Pollutant Release Inventory (NPRI) reporting requirements. In compliance with BC GHG Emission Reporting Regulation, Trans Mountain will submit an annual report when emissions from BC facilities exceed 10, 000 tonnes or more of CO ₂ e emissions per year, or any of the previous three years, to report emissions. Additionally, Trans Mountain will submit an annual report with air emissions data to NPRI for Terminals in Alberta and British Columbia. Trans Mountain will also file Annual Operational Air Quality and Meteorological Monitoring Reports for Trans Mountain's Edmonton, Sumas, and Burnaby Terminals under Condition 79 (file ID C29079). The reports provide an assessment of the results of monitoring with respect to compliance with the applicable ambient air quality objectives and describes any additional mitigation

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									measures that were implemented as a result of monitoring. The report will be filed annually on March 31 of each year.
467	Operations	NEB	If the attributable GHG emissions due to TRans Mountain's BC operations in a reporting year exceed the reporting threshold of 10,000 tonnes CO ₂ e, a GHG report will be prepared and submitted for the Westridge Marine Terminal.	NEB IR No. 3.018a	During Operations	Complete	Superseded by Legal/Regulatory Requirement		Commitment is addressed by the Government of British Columbia's Greenhouse Gas Emissions Reporting Regulation and National Pollutant Release Inventory (NPRI) reporting requirements. In compliance with BC GHG Emission Reporting Regulation, Trans Mountain will submit an annual report when emissions from BC facilities, including Westridge Marine Terminal, exceed 10,000 tonnes or more of CO ₂ e emissions per year, or any of the previous three years, to report emissions. Additionally, Trans Mountain will submit an annual report with air emissions data to NPRI for Westridge Marine Terminal.
509	Operations	NEB	Trans Mountain will complete baseline in-line inspection (ILI) surveys for the Westridge Delivery lines in accordance with Section 8 of Volume 4C.	NEB IR No. 3.103, Volume 4C, Section 8 (Filing ID A35111)	During Operations	Complete	Superseded by CER Condition	143	This commitment is superseded by Condition 143 Baseline Inspections. The first in-line inspection of the Westridge Delivery Lines was conducted in June 2024.
549	Operations	Environment Canada	Trans Mountain will review the requirements of the Guideline and Specification for Outdoor Lighting at Parks Canada and consider a future project to revise the existing lighting at Jasper Pump Station.	GoC EC IR No. 2.134	Prior to Construction	Complete			
727	Operations	Township of Langley	Trans Mountain commits to maintain pavement cuts for a minimum of one year after the work is completed.	Langley IR No. 2.19.b	During Operations	Complete			Commitment is addressed through Trans Mountain's Pipeline Crossing Agreement with the Township of Langley, which states the requirement to comply with the Grantor's Pavement Cut Policy. The Pavement Cut Policy states that the Applicant is responsible for the maintenance of the pavement cuts for a minimum of one year, or until final acceptance of work.
737	Operations	Edward Farquhar	Trans Mountain is committed to adding additional procedures to more specifically address slack line flow conditions to the existing Trans Mountain procedures. Trans Mountain will have these procedures completed and in use prior to the operation of the expanded pipeline system.	Farquhar T IR No. 2.2.1f	Prior to Operations	Complete	Superseded by CER Condition	135	This commitment is addressed in Trans Mountain's Condition 135 Slack Line Flow filings (Filing IDs C26824 and C27906) which specifically address mitigation for slack line flow conditions prior to line fill and throughout operations. Section 2.1 of the Slack Line Flow Report (Filing ID C26824) indicates that the pipeline has been designed and constructed to prevent column separation. When Line 2 is operated at 100% MOP, 80% MOP and Minimum Flow, it is designed to be fully packed, therefore no slack line flow conditions are expected in Line 2 during normal operations.
738	Operations	Edward Farquhar	Trans Mountain is committed to adding additional procedures to more specifically address column separation prior to a pipeline start-up would be a useful enhancement to the existing procedures. Trans Mountain will have these procedures completed and in use prior to the operation of the expanded pipeline system.	Farquhar T IR No. 2.2.1h	Prior to Operations	Complete	Superseded by CER Condition	135	This commitment is addressed in Trans Mountain's Condition 135 (Filing ID C26824) Slack Line Flow filings which specifically address mitigation for column separation prior to line fill and throughout operations. The CER Mar 4, 2024 Letter Report 263 (C28622-1) accepted Trans Mountain's C135 filings.
739	Operations	Edward Farquhar	Trans Mountain will ensure that a review of shut-down procedures, including the rationale for selecting a 10-minute rule or another rule as may be appropriate, is part of the consultation program to be undertaken with the Province of BC.	Farquhar T IR No. 2.2.4a; Province BC IR No. 2.20c	Prior to Construction	Complete			
740	Operations	Edward Farquhar	Trans Mountain will perform the API 1149 calculations during the detailed engineering and design phase, likely in late 2016, assuming the current overall Project schedule is maintained.	Farquhar T IR No. 2.2.8a	Prior to Operations	Complete	Superseded by CER Condition	115	Trans Mountain's Condition 115(b) Supervisory Control and Data Acquisition (SCADA) and leak detection system design filing (C21854) describes Trans Mountain's Computation Pipeline Monitoring (CPM) Management Program as guided by the American Petroleum Institute (API) recommended practices, including the API 1149 calculation. The CER Mar 4, 2024 Letter Report 263 (C28622) accepted Trans Mountain's C115 filings.
752	Operations	City of Vancouver	Trans Mountain will, in 2015, be installing a second complementary Computational Pipeline Monitoring (CPM) system that will operate in parallel with the existing system. The new CPM system will use a different technology to recognize leaks.	City of Vancouver IR No. 2.09.2i; Detailed Route Hearing, Landowner City of Chilliwack, Response to Round 1, IR No. 1.38 (C06386)	Prior to Construction	Complete	Superseded by CER Condition	115	Trans Mountain filed a report on SCADA and Leak Detection System Design under Condition 115 on November 3, 2022 (CER Filing ID C21854). This report primarily focuses on the two CPM systems for its pipeline, the first of which is driven by pressure inputs, and the second of which is driven by flow inputs. The second CPM system has already been applied to Line 1, and will also apply to Line 2 once it goes into active operations. Condition 115b was approved by the CER via Letter Report No. 154 (CER Filing ID C20275).
756	Operations	Katzie First Nation	Trans Mountain will provide a safe water supply to Aboriginal groups and individuals during the period that a drinking water advisory is in place to mitigate any effects of the Project on surface and groundwater supply.	Katzie FN IR No. 2.2.12a	Prior to Construction	Complete	Superseded by CER Condition	72	The annual Trans Mountain Pipeline ERP update filed with the CER on March 28, 2024 and uploaded to the Trans Mountain website states - "An incident specific approach will be generated to assess potential effects to drinking water sources and provisions will be made as necessary to provide safe drinking water in consultation with the local authorities" in Sections 4.6.4 and 13.12, pdf pages 64 and 154 of 182, respectively.
769	Operations	Province of British Columbia	Trans Mountain will update its existing Integrity Management Program (IMP) and scope of work document that prescribes the frequency patrol for the entire Trans Mountain pipeline right-of-way as necessary for the Project.	Province BC IR No. 2.17	During Operations	Complete	Superseded by Legal/Regulatory Requirement		Commitment addressed via Trans Mountain's Pipeline Integrity Program which describes the steps taken to track aerial right-of-way patrols as they occur along the pipeline systems.
770	Operations	Province of British Columbia	Trans Mountain commits to introducing a leak detection procedure directing the Control Centre Operator (CCO) to perform a controlled shutdown of the pipeline when a leak cannot be ruled out in a given time period after initial indication.	Province BC IR No. 2.20	During Operations	Complete	Superseded by CER Condition	115	Commitment is addressed through Trans Mountain's SCADA and Leak Detection System Design Condition 115(b) Report (filing ID C21854-1), Section 3.10 (Rule for Controlled Shut Down), which states: "If the possibility of a leak cannot be reasonably ruled out within 10 minutes of the first occurrence of a CPM leak alarm, the CCO must perform a Discretionary Shutdown of the pipeline". (PDF page 14/22).

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779	Operations	Province of British Columbia	Trans Mountain's Waste Management Plan and Environment Plan will be reviewed and enhanced prior to the in-service date of the expanded pipeline system to ensure the Plans adequately address the needs of the expanded pipeline and addresses all future regulatory requirements.	Province BC IR No. 2.38	Prior to Operations	Complete	Superseded by Legal/Regulatory Requirement		The commitment was made in Trans Mountain's February 2015 response to a Province of BC IR related to oil spill management, specifically the waste management plan and handling and storage sections of Trans Mountain's Emergency Response Plan (ERP). The ERP was updated in 2022 to include the expanded pipeline (Line 2). The ERP was updated most recently in 2024 inclusive of changes made to the ERP between June 2014 and April 2024. These changes included updates to the regulatory, waste management and environmental protection components of the ERP. In addition, Trans Mountain's Geographic Response Plans and Supplemental Plans have been updated to reflect the addition of the expanded pipeline and any required waste, regulatory and environmental protection changes.
794	Operations	Upper Nicola Band	As part of its Integrity Management Program, Trans Mountain has committed to continuing crack assessments and axial flaw assessments on a maximum interval of 5 years following the baseline assessments.	Upper Nicola Band IR No. 2.09d	Post-Construction Monitoring	Complete	Superseded by CER Condition	143	Trans Mountain's Pipeline Integrity Program Management encompasses Line 1, Line 2 and the Delivery Laterals. Through this program the In Line Inspection (ILI) Standard manages damages, defects, corrosion and cracks through re-inspection intervals that occur every 5 years, or not exceeding 68 months.
823	Operations	Fraser Valley Regional District	Trans Mountain commits to delivering quarterly reports on odour complaints from Sumas Tank Terminal to the Fraser Valley Regional District (FVRD) for the operational lifetime of the Trans Mountain Expansion Project (TMEP).	FVRD IR No. 2.17b	Project Lifecycle	Complete			
850	Operations	Fraser Valley Regional District	Trans Mountain commits to delivering quarterly reports on odour complaints/complaints/air quality from all facilities and pipeline within the Fraser Valley Regional District (FVRD) to the FVRD for the operational lifetime of the Trans Mountain Expansion Project (TMEP).	FVRD IR No. 2.17	During Operations	Complete			
863	Operations	Upper Nicola Band	Through its Pipeline Integrity Management Plan, Trans Mountain will continue to monitor the integrity of all watercourse crossings on the current and expanded Trans Mountain Pipeline system.	Upper Nicola Band IR No. 2(c).02.p	Post-Construction Monitoring	Complete	Superseded by Legal/Regulatory Requirement		Commitment is addressed through Trans Mountain's Flood Monitoring and Response Procedure, which is applicable to all Trans Mountain pipelines. Trans Mountain has implemented a database which includes detailed information on all watercourse crossing sites, including a continuous flood monitoring function, which sends email alerts. Additionally, every water-crossing has been assigned to a monitoring Water Survey of Canada or National Water Information System hydrometer gauge, that is located either within the same hydrology region with a similar drainage basin.
875	Operations	NEB	Trans Mountain will run the ultrasonic (USCD) ILI inspection as soon as possible once the pipeline is in service. Trans Mountain does not expect to take the full two years to complete inspections; however, to account for tool availability and other factors that may be outside of Trans Mountain's control, Trans Mountain committed to a 2 year window to complete inspections.	NEB IR No. 4 42b	During Operations	Complete	Superseded by CER Condition	143	Commitment is superseded by CER Condition 143, which states Trans Mountain will complete an USCD ILI inspection on Line 2 and new delivery pipelines within 2 years after commencing operations. See example filing C32409 for Segments 6-8; Black Pines to Burnaby. Trans Mountain will perform another tool run within the next five years.
876	Operations	NEB	Trans Mountain will complete inspections on a more frequent basis if fatigue growth calculations show that a shorter inspection interval is required.	NEB IR No. 4 43a	During Operations	Complete	Superseded by Legal/Regulatory Requirement		Trans Mountain manages fatigue growth and inspection intervals following Trans Mountain's processes and procedures. Trans Mountain's In Line Inspection (ILI) Standard includes ILI tool run frequencies based on the established re-inspection interval for each threat category. The four threats managed by Trans Mountain's ILI program (mechanical damage, metal loss corrosion, manufacturing defects and pipe body cracks) have re-inspection intervals based on recommendations from API 1163 that are currently 5 years, not to exceed 68 months. Additionally, Trans Mountain's Pressure Cycling and Fatigue Monitoring and Control Standard, which states that all features with a resulting fatigue life estimate less than 1 year shall be included in the immediate dig list.
878	Operations	NEB	Trans Mountain will also inspect the reactivated segments, within the first two years of operation, with a specialized high-resolution ultrasonic tool, to verify that no detrimental crack defects were initiated and/or grew as a result of the hydrostatic testing.	Application Volume 4A-117.	During Operations	Complete	Superseded by CER Condition	143	Commitment is superseded by Condition 143, Baseline Inspection requirements. Through Condition 143, Trans Mountain provides reports on the testing results on crack defects along Line 2. Trans Mountain has filed high resolution caliper results for Edson to Hargreaves (Segment 2) [C33281] and Darfield to Black Pines (Segment 5) [C34589]. Trans Mountain will continue meet the requirements per Condition 143 as the testing proceeds.
931	Operations	Simon Fraser University	Trans Mountain will conduct ambient air quality monitoring at the Westridge Marine Terminal and emissions source tracking of contaminants of potential concern. Contaminants of potential concern that will be directly measured include particulate matter (PM10 and PM2.5), carbon monoxide (CO), nitrogen dioxide (NO2), sulphur dioxide (SO2), hydrogen sulphide (H2S) and volatile organic compounds (VOCs).	SFU IR No. 2.5.19.4	During Operations	Complete	Superseded by CER Condition	52	The Air Emissions Management Plan for the Westridge Marine Terminal, filed under Condition 52 (Filing ID A82640-2), addresses the monitoring of contaminants of potential concern (Attachment 1, Section 3.3.1 (PDF pg 6), Section 3.3.2 (PDF pg 6), Section 3.3.4 (PDF pg 6), Section 3.3.6 (PDF pg 7) and Section 3.3.7 (PDF pg 7). A Relief Request was submitted to the CER on April 8, 2021 (Filing ID C12320) with regards to CO monitoring in Condition 52 filings (Filing IDs A82640 and A84415). On November 21, 2023, in CER Letter Decision No. 248 (Filing ID C27360) the CER confirms filings of Condition 52 without the inclusion of ambient CO monitoring.
948	Operations	Peters Band	In the unlikely event that released petroleum impacts groundwater, Trans Mountain will implement a remediation program to recover petroleum and treat contaminated water to meet stringent government criteria.	Peters Band IR No. 2(b). 3.04a	Prior to Operations	Complete	Superseded by Legal/Regulatory Requirement		Trans Mountain operations have mitigations in place to recover any petroleum and treat any contaminated water in the Environment Manual. Through construction activities, TMEP addresses contaminated sites and waste management in the Condition 72 Pipeline Environmental Protection Plan (Filing ID C20382) Appendix G Section 3 (PDF pg 313).

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997	Operations	Fraser Valley Regional District	Trans Mountain will cover required internal pipeline protection inspector costs within the right-of-way for new Fraser Valley Regional District (FVRD) road and utility crossings.	FVRD IR No. 1.36c	During Operations	Complete			Commitment is addressed through Trans Mountain's Damage Prevention Program, which outlines when Qualified Inspectors are required to be present to monitor work. Trans Mountain's Travel and Expense Guidelines, ensures that Trans Mountain reimburses employees and contractors for expenses incurred while on Company business.
1522	Operations	Katzie First Nation	Trans Mountain will continue to conduct Westridge loading operations inside a pre-deployed boom, which would contain a release. Additional boom and response equipment, including skimmers, will be maintained on site.	Katzie FN IR No. 1.11b	During Operations	Complete			Commitment is addressed through Trans Mountain's Westridge Marine Terminal Regulations and Operations Guide (Filing ID C27427-5), which states that each berth has a permanently fitted floating oil spill containment boom (pg 12). Additionally, every vessel transferring petroleum at Westridge Marine Terminal is pre-boomed (pg 28) and the vessel will remain enclosed within the floating oil containment boom at all times during product transfer (PDF pg 42). Additionally, Trans Mountain's Westridge Marine Terminal Operating Manual- Vessel Mooring and Release, states that once a vessel has departed, the booms and security fence are deployed again around the berth, and remain in place until the arrival of the next vessel. Trans Mountain's Westridge Marine Terminal Emergency Response Plan (ERP) states that emergency response equipment is available at all facilities (Section 9.5, pg 128), including secondary booms and an Oil Spill Containment and Recovery trailer, which contains various tools and spill response equipment such as absorbent materials, skimmers, booms and other cleanup tools specific to the area (Section 9.5, pg 129 and 131).
1529	Operations	NEB	The Westridge Marine Terminal will continue to have operations staff on site at all times.	Application Volume 2, 2-22.	During Operations	Complete			Commitment is addressed in Trans Mountain's Post Expansion Workforce Report, which states that supervision at the Western Terminals Region (Burnaby and Westridge) will be 7x24 post TMEP.
1665	Operations	City of Burnaby	Trans Mountain is committed to ensuring that testing at the Burnaby Terminal will have no impact on residential power or water systems.	City Burnaby IR No. 1.25.03d	During Operations	Complete			Trans Mountain testing includes sourcing water from the Eagle Creek Weir system and uses diesel engines for power which are not drawing from residential power system). Condition 125 Fire Pre-Plan (C21774) provides the details on testing at Burnaby Terminal.
1667	Operations	NEB	Trans Mountain commits to updating operations manuals to limit the maximum design temperature to 38°C, in the Line 2 pipeline operations manuals and in the Line 2 integrity management program.	Req for Relief Line 2 Design Temp TMEP IR No 1.2 Response	Prior to Operations	Complete			Trans Mountain updated Operating Limits and Protective Device Settings Manual under Section 4.4 (PDF page 51) confirms that at the maximum temperature of 38°C all main pumps will alarm and quick stop.
1732	Operations	City of Chilliwack	Trans Mountain commits to adopting to its Pipeline Integrity Management Program (IMP), as described in the response to City of Chilliwack IR 1.3.2b.	Route Variance Chilliwack BC Hydro City of Chilliwack IR 1.3.2b	Prior to Construction	Complete	Superseded by Legal/Regulatory Requirement		Section 40 of the Onshore Pipeline Regulations (OPR) requires companies to develop, implement and maintain an integrity management program (IMP) that anticipates, prevents, manages and mitigates conditions that could adversely affect safety or the environment during the design, construction, operation, maintenance or abandonment of a pipeline. In compliance with the OPR requirement and Trans Mountain's commitment in the response to the City of Chilliwack's IR1 Section 3.2b (A87439), Line 2 has been incorporated into Trans Mountain's IMP (Canada).
1733	Operations	City of Chilliwack	Trans Mountain commits to installing a second complementary continuous pipeline monitoring (CPM) system that will operate in parallel with the existing system.	Route Variance Chilliwack BC Hydro City of Chilliwack IR 1.3.3h	Prior to Construction	Complete	Superseded by CER Condition	115	As per CER Condition 115(b)(i) filed by Trans Mountain November 3, 2022, a second Computational Pipeline Monitoring (CPM) system will run parallel with the existing system (Filing ID C21854, section 3.1, PDF page 9).
1859	Operations	Hannah Varto	Trans Mountain will require the Control Centre Operator to shut down and isolate the pipeline if the risks determined from this evaluation are moderate or higher in order to reduce potential consequences. A field inspection process will be in place to inspect the pipeline and facilities for possible damage prior to authorizing the restart of the pipeline following a safety shutdown.	Varto H IR No. 1.2.E2.3	During Operations	Complete			Commitment is addressed through Trans Mountain's Earthquake Preparedness and Response Procedure, which states that following seismic switch alarms, or reports of seismic activity that suggest a possible emergency an immediate shut down of all Trans Mountain facilities and pipelines within the affected area will take place. The Potential Damage Radius will be determined, and any running Trans Mountain facilities and pipelines within the Potential Damage Radius will be immediately shutdown. A Field personnel will investigate the impact on facilities in the affected area. If the earthquake has not affected communications, a plan for this response will be developed with the CCO. Trans Mountain's Pipeline Shutdown Procedure requires an Operations Restart Authorization Form (ORA) to be completed following a safety shutdown, prior to restarting the pipeline. The ORA form requires approval by at least two Directors.
2108	Operations	BC Parks	To access the right-of-way Trans Mountain will use low-ground-pressure tracked machines to facilitate access year round. For maintenance and operations purposes, Trans Mountain will work with BC Parks to identify roads that may need to be reactivated and will determine which access controls (e.g., gates) may be warranted.	08 BC Parks IR 5 Jan 2015 (Informal IRs, Request No. 3)	During Operations	Complete			Trans Mountain's site access procedure provides details on the use of low-pressure tracked vehicles when accessing the pipeline right-of-way within BC Parks. Within BC Parks, access for operations activities will be coordinated in consultation with BC Parks through addressing necessary permit requirements.
2140	Operations	Province of British Columbia	Trans Mountain will investigate and respond to neighbouring water well owner complaints potentially related to the pipeline operations, regardless of available pre- or post-construction testing requirements.	Province BC IR No. 1.1.38	During Operations	Complete			All complaints and inquiries to Trans Mountain follow internal processes and procedures which include investigating and responding to water well owner complaints.
2147	Operations	Province of British Columbia	As part of its Integrity Management Program, Trans Mountain has committed to continuing crack assessments and axial flaw assessments on a maximum interval of 5 years following the baseline	Province BC IR No. 2.2.18b	During Operations	Complete	Superseded by Legal/Regulatory		Commitment addressed by Trans Mountain's Pipeline Integrity Management Program. The In-Line Inspection (ILI) Standard confirms ILI tools are used to

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			assessments with an objective to detect and repair any features of concern before they become a threat to fail in service.				Requirement		address mechanical issues such as cracks and axial flaws, and that re-inspection intervals are maximum five years.
2274	Operations	NEB	Once the Project is in operation, Trans Mountain will cover the costs of Trans Mountain employees required to monitor and assist the City of Edmonton in undertaking facility construction proximate to the expanded Trans Mountain Pipeline system.	NEB IR No. 6.19	During Operations	Complete			Commitment is addressed via Trans Mountain's Damage Prevention Program, which outlines Trans Mountain's process for addressing Third Party ground disturbance activities. This includes responses to One Call notifications, locating, marking, and inspections of the pipeline by a Trans Mountain Inspector during ground disturbance, as well as field visits. Trans Mountain's Travel and Expense Guidelines, ensures that Trans Mountain reimburses employees and contractors for expenses incurred while on Company business.
2351	Operations	The City of Edmonton	Trans Mountain will waive the cost of its inspector anytime such inspector is present to monitor work done near the pipeline in Whitemud Drive. Trans Mountain agrees that this is a reasonable request, and is willing to commit to waiving these costs in the circumstances described. Trans Mountain will update its commitment tracking table accordingly, and, as such, a condition on the approval is not necessary.	Reply Argument - Appendix B - Intervenor Proposed Conditions - Condition 9d	During Operations	Complete			Commitment is addressed through Trans Mountain's Damage Prevention Program, which outlines when Qualified Inspectors are required to be present to monitor work. Trans Mountain's Travel and Expense Guidelines, ensures that Trans Mountain reimburses employees and contractors for expenses incurred while on Company business.
2447	Operations	City of Burnaby	Trans Mountain commits to establish its process for the identification of hazards in facilities. In addition to risk assessments which will be conducted every three years, Trans Mountain commits to conduct regular inspection and testing of hazard control measures that will be managed through a computerized maintenance management system.	City Burnaby IR No. 1.13.04b	During Operations	Complete	Superseded by Legal/Regulatory Requirement		Commitment addressed through Trans Mountain's Hazard Identification and Reporting Procedure, which describes the hazard identification and reporting process Trans Mountain follows. Additionally, Trans Mountain uses a database for reporting and recording hazards, and tracking follow up actions. The database provides internal notifications and manages the workflow and information related to hazard management. Trans Mountain's Hazard and Risk Management Standard states that an annual review of all Program hazards and risks documented within the Unified Hazard Risk Register will be conducted, which includes a review of the preventative and mitigative controls identified for each hazard and risk.
2495	Operations	Government of Canada	If a drinking water advisory were to be issued as a result of a spill, Trans Mountain will commit to working with the leadership of the Aboriginal community to identify surplus capacity from other drinking water sources in the area, while suitable replacement alternatives are established and implemented.	Reply Evidence 5.2.3.1.3 Human Health Risk Assessment p.45-73 Line 40	During Operations	Complete			Commitment is addressed by Trans Mountain's Emergency Response Plan, which considers drinking water sources to be essential infrastructure, therefore, if infrastructure is at risk from a spill, owners/operators of the water source will be required by Trans Mountain to provide a liaison for information and coordination purposes with Trans Mountain. Additionally, provisions will be made as necessary to provide safe drinking water in consultation with local authorities. When possible, Trans Mountain's Incident Management Team will establish and operate within a Unified Command structure to jointly manage the spill incident. The unified command structure includes additional indigenous on scene coordinators as appropriate. On-site community monitors may also provide and assist with the incorporation of local and/or cultural knowledge into response operations and remediation phase.
2506	Operations	City of Burnaby	Trans Mountain will support employment of additional field staff for various operations and maintenance support roles ranging from engineering to administrative. Trans Mountain anticipates that an incremental 40 to 45 operations and maintenance personnel will be required at field locations in BC. The additional field operations and maintenance staff will be recruited sufficiently in advance of the start-up of the expanded TMPL system to allow for appropriate training to take place, including in emergency response.	Reply Evidence 6.2 Stakeholder Engagement - p13 - line 39	During Operations	Complete			Commitment is addressed through Trans Mountain's Post Expansion Workforce Report and Expanded Trans Mountain Pipeline System Business Readiness Project Plan. Trans Mountain's Post Expansion Workforce Report provides an analysis of operational workforce requirements, and the estimated increase in staff required per department upon completion of the Trans Mountain Expansion Project (TMEP). The Business Readiness Project Plan provides an incremental workforce hiring plan summary for 2021 - 2024. Training has been developed so that new employees are ready to operate both existing and new assets.
2567	Operations	NEB	Trans Mountain will ensure each berth will be provided with a spill containment boom sized to encircle an Aframax class vessel. Trans Mountain will ensure loading of a vessel will not start before the deployment of the boom. The boom will remain in place until the loading arms have been retracted and secured.	Application Volume 4A s. 3.4.4.2.1 p4A-89	During Operations	Complete			Commitment is addressed through Trans Mountain's Westridge Marine Terminal Regulations and Operations Guide, which states that each berth has a section (approximately 330 metres) in length of permanently fitted floating oil spill containment boom (Filing ID C23751-2, PDF pg 10). Additionally, every vessel transferring petroleum at Westridge Marine Terminal is pre-boomed (Filing ID C23751-2, PDF pg 26) and the vessel will remain enclosed within the floating oil containment boom at all times during product transfer (Filing ID C23751-2, PDF pg 40). The Westridge Dock Operations Procedures and Guidelines - Westridge Vessel Mooring Operations (Section 5.4) states that loading arms are disconnected while the boom is in place, and the boom is not released until the vessel is ready to leave the berth. Once the vessel has left, the booms are reinstated until the arrival of the next vessel.
2590	Operations	NEB	Trans Mountain will ensure all remote pump stations and ancillary facilities (those pump stations and ancillary facilities not located at maintenance bases) in the expanded TMPL system will be visited by operations personnel on a regular basis, with the frequency determined by subjective and quantitative risk assessments and from operating experience, as is the case for the existing TMPL system.	Application Volume 4C s. 6.3 p4C-15	During Operations	Complete			Commitment is addressed through Trans Mountain's General Operating Procedures, which states that routine facility checks will be determined in consideration of risk factors and safeguards associated with each Trans Mountain operated facility. As well as, provides the minimum frequency for performing routine facility checks for Line 1 and Line 2 pump stations.
2591	Operations	NEB	Similar to the existing Trans Mountain system, Trans Mountain will commit to staff 24 hours per day, seven days per week and the operations personnel will conduct daily surveillances for the expanded terminals, with the exception of Sumas Terminal.	Application Volume 4C s. 6.3 p4C-16	During Operations	Complete			Commitment is addressed in Trans Mountain's Post Expansion Workforce Report, which states that supervision at the Western Terminals Region (Burnaby and Westridge) will be 24/7 post TMEP. As well as, Trans Mountain's Edmonton Terminal Operating Manual states that the Edmonton Terminal is

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									manned 24/7 and security inspections are performed by Trans Mountain operations periodically throughout each 12 hour shift.
2594	Operations	NEB	Trans Mountain will use a high-resolution USCD tool to be run in each of the new Line 2 pipeline segments within the first five years of operation.	Application Volume 4C s. 8.1.4 p4C-27	During Operations	Complete	Superseded by CER Condition	143	This commitment has been superseded by Condition 143, which requires per (a)(ii) that in-line ultrasonic crack detection inspections take place within two years after commencing operations. See example filing C32409 for Segments 6-8; Black Pines to Burnaby. Trans Mountain will perform another tool run within the next five years.
2595	Operations	NEB	Within one year of the new Line 2 pipeline segments entering service, Trans Mountain will complete a baseline in-line inspection (ILI) survey of pipeline geometry and metal loss will be undertaken with a high-resolution tool.	Application Volume 4C s. 8.1.4 p4C-27	During Operations	Complete	Superseded by CER Condition	143	Commitment is superseded by CER Condition 143 a(i) which states a high-resolution-in-line caliper inspection will take place within 6 months after commencing operations. The geometry ILI tool was completed in 2024. The baseline metal loss was partially completed in 2024, with the remainder planned for 2025.
2596	Operations	NEB	The planned in-line inspection (ILI) program for the reactivation of the existing inactive pipeline segments that will form parts of Line 1 is described in Volume 4A, Section 3.6. In addition, Trans Mountain will ensure a high-resolution USCD tool will be run in each of the reactivated pipeline segments within the first two years of operation.	Application Volume 4C s. 8.1.4 p4C-27	During Operations	Complete	Superseded by Legal/Regulatory Requirement		Commitment is superseded by CER Condition 143 a(ii) which states an in-line ultrasonic crack detection inspection will take place within two years after commencing operations. The tool run was completed December 2024.
2864	Operations	City of Coquitlam	Trans Mountain will ensure regular aerial patrols are conducted as part of a pipeline protection program to prevent third party damage to the pipeline from unauthorized ground disturbance activities.	City Coquitlam IR No. 1.C.3	During Operations	Complete	Superseded by Legal/Regulatory Requirement		Commitment is addressed through compliance with CSA Z662:23 Section 10.6.2.1, which requires operating companies to periodically patrol the pipeline to observe conditions and activities that can potentially affect the safety and operation of the pipeline, such as unauthorized activities. Additionally, Trans Mountain's Unauthorized Activity Reporting Standard states that regularly scheduled aerial patrols fly the pipeline route to search for unauthorized ground disturbance activity. In addition, Trans Mountain's Right-of-way Patrols and Monitoring Standard provides guidance for aerial observation of the ROW and facilities including identification and documentation of third party unauthorized activities.
2866	Operations	City of Coquitlam	Trans Mountain will complete maintenance digs and repairs based on In-line Inspection (ILI) tool analysis results to repair anomalies before they become a threat to failure.	City Coquitlam IR No. 1.C.3	During Operations	Complete	Superseded by Legal/Regulatory Requirement		Commitment is addressed through Trans Mountain's Pipeline Integrity Management Plan, which states that based on the ILI inspection reports received, anomalies that require investigation are compiled, and digs are executed where necessary.
2867	Operations	City of Coquitlam, Landowner - City of Chilliwack	Trans Mountain will complete regular cathodic protection (CP) test lead surveys and close spaced surveys to ensure the effective operation of the CP system for corrosion prevention.	City Coquitlam IR No. 1.C.3; Detailed Route Hearing Response to Round 1, IR No. 1.37 (C06386)	During Operations	Complete	Superseded by Legal/Regulatory Requirement		Trans Mountain's Cathodic Protection (CP) Standard states that annual Test Leads Surveys shall be used to indicate that cathodic protection has been established and that each part of the CP system is operating properly. This document sets the testing cycle timing and typical spacing requirements to assess the effectiveness of the CP system.
2868	Operations	City of Coquitlam	Trans Mountain will complete regular cleaning pig runs to mobilize any sediments and water that might accumulate in the lines to prevent internal corrosion.	City Coquitlam IR No. 1.C.3	During Operations	Complete	Superseded by Legal/Regulatory Requirement		Commitment is addressed through Trans Mountain's Pipeline Internal Corrosion Monitoring and Control Standard, which states that cleaning pigs are run on a regular basis for the displacement of accumulated deposits of water and solids to prevent internal corrosion. Trans Mountain conducts quarterly pigging for the majority of segments on Trans Mountain Pipeline (TMPL) Line 1, with some exceptions of segments of pipeline that are cleaned on a monthly basis. Cleaning pig runs are conducted on a monthly frequency for all segments of TMPL Line 2. Trans Mountain's Pigging Operations Standard outlines the pigging frequency for all segments of Line 1 and Line 2.
2896	Operations	City of Vancouver	Trans Mountain will monitor the condition of the right-of-way in a timely manner after any heavy rainfall events to look for erosion or washout areas and remediate any damage to protect the integrity of the pipeline.	City Vancouver IR No. 1.06.02a	During Operations	Complete	Superseded by Legal/Regulatory Requirement		Commitment addressed via Trans Mountain's Pipeline Integrity Management Program which states that if a hazard site experienced a rainfall event in its watershed, the current inspection frequency is overridden and the hazard site should be inspected within the calendar year.
2906	Operations	NEB	Trans Mountain will make sure requirements for flyover frequency would be assessed once the new pipeline becomes operational and will be in accordance with regulatory requirements.	Application Volume 5A. Technical Update No. 1 and Consultation Update No. 2 - Part 2 Table 1.6.2-1	During Operations	Complete	Superseded by Legal/Regulatory Requirement		Trans Mountain patrolled TMPL Line 2 ROW in 2023, prompting a review and update to Trans Mountain's Patrols and Monitoring Standard in October 2023.
3010	Operations	NEB	Once in operation, Trans Mountain will ensure that at no time will the pipeline be cleaned with water.	NEB IR No. 3.010a-Attachment 1	During Operations	Complete			This commitment stemmed from an information request by an Indigenous group relating to potential water usages. In this connection, Trans Mountain's operational practices do not provide for any internal or external cleaning of the pipe with water.
3506	Operations	City of Abbotsford	Following blasting and construction, a hydrostatic test will be completed to confirm the integrity of the pipeline and a comprehensive integrity program will be implemented to confirm the long-term integrity of the pipeline.	City of Abbotsford IR No. 1.20b	During Operations	Complete	Superseded by Legal/Regulatory Requirement		A hydrostatic test of Line 2 near the subject aggregate mine site was completed in January 2024. Hydrotest results confirming the integrity of the pipe were reported in Trans Mountain's LTO Application for Spread 6 filed on March 12, 2024 (Filing ID C28740), LTO approved on April 29, 2024 (Filing ID C29424). Trans Mountain's Pipeline Integrity Management Program provides a plan to ensure pipeline integrity throughout Trans Mountain's pipeline system.

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3508	Operations	Living Oceans Society	Trans Mountain will implement additional controls to prevent the discharge of hydrocarbons into storm water including, as applicable to the Burnaby Terminal: observation by operations personnel before and during storm water draining from secondary containment areas.	Living Oceans IR No. 1.28a	During Operations	Complete			
3509	Operations	Living Oceans Society	Trans Mountain will implement additional controls to prevent the discharge of hydrocarbons into storm water including, as applicable to the Westridge Marine Terminal: observation by operations personnel before and during storm water draining from secondary containment areas.	Living Oceans IR No. 1.28a	During Operations	Complete			
3510	Operations	NEB	Trans Mountain will focus efforts during the execution of operations and maintenance programs and procedures, to prevent the alignment of conditions that could lead to a secondary containment pool fire event and the potential consequential effects at the Burnaby Terminal.	NEB IR No. 4 29c	During Operations	Complete	Superseded by CER Condition	22	Commitment is addressed through Trans Mountain's Facility Integrity Management Plan, which states that Trans Mountain facilities are designed with local protective functions to prevent their operation outside of their design limits without operator interventions. The functions are configured to prevent damage to equipment and exceedance of regulatory limits. Additionally, Trans Mountain implements a Tank Overfill Protection System (OPS), which includes tank level alarms, a procedure for responding to high level and high high level alarms, in order to prevent tank volumes from reaching a critical level. In the event of a leak, Control Center Operator's have the authority to shutdown the pipeline to respond to an emergency or as a precaution.
3511	Operations	NEB	Trans Mountain will focus efforts during the execution of operations and maintenance programs and procedures, to prevent the alignment of conditions that could lead to a secondary containment pool fire event and the potential consequential effects at the Sumas Terminal.	NEB IR No. 4 29c	During Operations	Complete	Superseded by CER Condition	22	Commitment is addressed through Trans Mountain's Facility Integrity Management Plan, which states that Trans Mountain facilities are designed with local protective functions to prevent their operation outside of their design limits without operator interventions. The functions are configured to prevent damage to equipment and exceedance of regulatory limits. Additionally, Trans Mountain implements a Tank Overfill Protection System (OPS), which includes tank level alarms, a procedure for responding to high level and high high level alarms, in order to prevent tank volumes from reaching a critical level. In the event of a leak, Control Center Operator's have the authority to shutdown the pipeline to respond to an emergency or as a precaution.
3512	Operations	NEB	Trans Mountain will focus efforts during the execution of operations and maintenance programs and procedures, to prevent the alignment of conditions that could lead to a secondary containment pool fire event and the potential consequential effects at the Edmonton Terminal.	NEB IR No. 4 29c	During Operations	Complete	Superseded by CER Condition	22	Commitment is addressed through Trans Mountain's Facility Integrity Management Plan, which states that Trans Mountain facilities are designed with local protective functions to prevent their operation outside of their design limits without operator interventions. The functions are configured to prevent damage to equipment and exceedance of regulatory limits. Additionally, Trans Mountain implements a Tank Overfill Protection System (OPS), which includes tank level alarms, a procedure for responding to high level and high high level alarms, in order to prevent tank volumes from reaching a critical level. In the event of a leak, Control Center Operator's have the authority to shutdown the pipeline to respond to an emergency or as a precaution.
3513	Operations	Living Oceans Society	Trans Mountain will implement additional controls to prevent the discharge of hydrocarbons into storm water including, as applicable to the Edmonton Terminal: observation by operations personnel before and during storm water draining from secondary containment areas.	Living Oceans IR No. 1.28a	During Operations	Complete			
3516	Operations	City of Burnaby	As is the current practice, testing at the Burnaby Terminal will be done during weekday daytime periods.	City Burnaby IR No. 1.25.03d	During Operations	Complete			
3517	Operations	City of Burnaby	As is the current practice, testing at the Westridge Marine Terminal will be done during weekday daytime periods and the testing will have no impact on residential power or water systems.	City Burnaby IR No. 1.25.03d (PDF page 428)	During Operations	Complete			Trans Mountain's standard practice for emergency testing is conducted during weekday daytime periods, noise monitors are installed to manage noise levels. Trans Mountain follows its processes and procedures to ensure noise requirements are met and remain within the legislative requirements. Testing systems at the Westridge Marine Terminal does not draw water from the municipality, nor from the residential power grid and therefore does not have an impact to residents.
3525	Operations	NEB	The Burnaby Terminal will continue to have operations staff on site at all times.	Application Volume 2, 2-22.	During Operations	Complete			Commitment is addressed in Trans Mountain's Post Expansion Workforce Report, which states that supervision at the Western Terminals Region (Burnaby and Westridge) will be 7x24 post TMEP.
3526	Operations	NEB	The Edmonton Terminal will continue to have operations staff on site at all times.	Application Volume 2, 2-22.	During Operations	Complete			Commitment is addressed through Trans Mountain's Edmonton Terminal Operating Manual, which states that the Edmonton Terminal is manned 24/7 and security inspections are performed by Trans Mountain operations periodically throughout each 12 hour shift.
3648	Operations	City of Surrey	Trans Mountain will maintain any new culverts installed in the City of Surrey.	Non-Regulatory Commitment	During Construction	Complete			As confirmed in the Crossing Agreement between Trans Mountain and the City of Surrey, Trans Mountain will ensure that drainage within city lands is not obstructed or impeded (and to provide adequate alternative drainage if obstruction is not avoidable).

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3651	Operations	Katzie First Nation	Trans Mountain is committed to operating the new pipeline (Line 2) in a manner that prevents column separation.	TMEP / CoE Technical Working Committee Mtg #5 Meeting Minutes, 11/18/2015, Staketracker	During Operations	Complete	Superseded by CER Condition	135	This commitment is addressed in Trans Mountain's filing of Condition 135 and associated filing requirements. Section 2.1 of the Slack Line Flow Report (Filing ID C26824) indicates that the pipeline has been designed and constructed to prevent column separation.
3654	Operations	City of Edmonton	Trans Mountain will provide inspection and carry the inspection cost for a Trans Mountain inspector to monitor pipeline safety during construction of the Whitemud Drive expansion.	Non-Regulatory Commitment	Prior to Operations	Complete			Trans Mountain Damage Prevention is regulated under the CER Damage Prevention Regulations (DPR) which legislatively requires Trans Mountain to carry out inspections during ground disturbance activities.
3836	Operations	Simon Fraser University	Trans Mountain is committed to meeting the requirements of its Environment, Health and Safety Policy that is accomplished through the Odour Complaint Investigation and Response Program and various emission reduction measures.	SFU IR No. 2.5.12.3	During Operations	Complete			
3837	Operations	Simon Fraser University	Trans Mountain is committed to meeting the requirements of its Environment, Health and Safety Policy that is accomplished through the Odour Complaint Investigation and Response Program and various emission reduction measures.	SFU IR No. 2.5.12.3	During Operations	Complete			
3838	Operations	Simon Fraser University	Trans Mountain is committed to meeting the requirements of its Environment, Health and Safety Policy that is accomplished through the Odour Complaint Investigation and Response Program and various emission reduction measures.	SFU IR No. 2.5.12.3	During Operations	Complete			
3846	Operations	NEB	Similar to the existing TMPL system, Trans Mountain will commit to staff 24 hours per day, seven days per week and the operations personnel will conduct daily surveillances for the expanded terminals, with the exception of Sumas Terminal.	Application Volume 4C s. 6.3 p4C-16	During Operations	Complete			Commitment is addressed in Trans Mountain's Post Expansion Workforce Report, which states that supervision at the Western Terminals Region (Burnaby and Westridge) will be 24/7 post TMEP. As well as, Trans Mountain's Edmonton Terminal Operating Manual states that the Edmonton Terminal is manned 24/7 and security inspections are performed by Trans Mountain operations periodically throughout each 12 hour shift.
3847	Operations	NEB	Similar to the existing Trans Mountain system, Trans Mountain will commit to staff 24 hours per day, seven days per week and the operations personnel will conduct daily surveillances for the expanded terminals, with the exception of Sumas Terminal.	Application Volume 4C s. 6.3 p4C-16	During Operations	Complete			Commitment is addressed in Trans Mountain's Post Expansion Workforce Report, which states that supervision at the Western Terminals Region (Burnaby and Westridge) will be 24/7 post TMEP. As well as, Trans Mountain's Edmonton Terminal Operating Manual states that the Edmonton Terminal is manned 24/7 and security inspections are performed by Trans Mountain operations periodically throughout each 12 hour shift.
3848	Operations	NEB	The planned in-line inspection (ILI) program for the reactivation of the existing inactive pipeline segments that will form parts of Line 1 is described in Volume 4A, Section 3.6. In addition, Trans Mountain will ensure a high-resolution USCD tool will be run in each of the reactivated pipeline segments within the first two years of operation.	Application Volume 4C s. 8.1.4 p4C-27	During Operations	Complete	Superseded by Legal/Regulatory Requirement		Commitment is superseded by CER Condition 143 a(ii) which states an in-line ultrasonic crack detection inspection will take place within two years after commencing operations. The tool run was completed August 28, 2024, and the associated report was submitted to the CER February 28, 2025 (filing ID C33581).
4022	Operations	NEB	Trans Mountain will complete the following activities: ultrasonic crack detection (USCD) or EMAT inspection within 2 years of reactivation; ongoing crack management programs with includes pressure cycle monitoring programs; fatigue growth assessments to validate in-line inspection intervals; in-line inspections to look for stress corrosion cracking (SCC), Long Seam, pipe body, and co-commitment tracking (i.e. metal loss with cracking, dents with cracking).	NEB IR No. 4.43c	During Operations	Complete	Superseded by Legal/Regulatory Requirement		On June 1, 2023, Trans Mountain filed Condition 19 (Filing ID C24689) providing details on the crack management prior to reactivation (Section 10, Table 27) and the continued operational plans for crack assessments (Section 7.4 Cracking Hazard Assessment). As a requirement of Condition 19, an 'independent certification body' reviews the Condition 19 engineering assessment annually and issues a certificate to certify the reactivation segments are fit for service (Hinton Station to Hargreaves Trap Site and from Darfield Station to Black Pines Station).
4498	Operations	NEB	Trans Mountain commits to discontinue transporting liquids on the existing Westridge Delivery Line upon commencement of service of the relocated delivery line, if the Project is approved.	NEB IR No. 6.1(a)	During Operations	Complete			Trans Mountain filed the deactivation application for the Westridge Delivery Line on May 15, 2025 (C34738).
4507	Operations	Landowner - 1054408 BC Ltd.	Trans Mountain commits to submitting a separate regulatory application for its proposed replacement for the existing Trans Mountain Pipeline ("TMPL") at the Coquihalla River, including any requirements for the on-land pipe installation of the TMPL replacement.	Submission in Relation to the Review Process for 1054408 BC Ltd, para 11. (C04263)	Prior to Construction	Complete			The subject application was filed with the CER on January 23, 2020 and approved on June 26, 2020 through Orders XO-006-2020 and MO-023-2020 (reference Filing IDs C04276 and C07010).
4616	Operations	CER	Trans Mountain commits to implementing its risk assessment management programs, such as the Pipeline Integrity Management Program and Damage Prevention Program, for the TMEP Line 2, including the West Alternative, after the TMEP Line 2 is placed into service.	Coldwater Western Alternative Route, Variance Application, Response to IR No 2.6 c)	During Operations	Complete			Trans Mountain has incorporated Line 2 into Trans Mountain's existing Pipeline Integrity Management Plan and Damage Prevention Management Plan, which includes hazard and risk management procedures.
141	Permitting	City of Burnaby	Trans Mountain is committed to working with the City of Burnaby to facilitate the restoration of lands to a similar condition that existed prior to construction. Trans Mountain is committed to reasonably facilitating the restoration of lands in order to provide any amenities, landscaping and character loss through construction activities where doing so will not compromise operational requirements or conflict with other laws or regulations governing the Project and ongoing operations. Trans Mountain is willing to meet with the City of Burnaby to discuss planned and proposed municipal projects or upgrades to infrastructure to consider in the design of the expansion Project.	City Burnaby IR No. 1.33.06c	Post-Construction Monitoring	Complete			Trans Mountain consultation with the City of Burnaby have been ongoing since 2018. Discussions have included construction activities, restoration and municipal projects.

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176	Permitting	Metro Vancouver	Trans Mountain will work directly with affected municipal, regional and provincial authorities to ensure information and agreements required for specific development authorizations and any specifically identified planning, monitoring or mitigation requirements are in place. (Spread 1)	Metro Vancouver F-IR No. 1.1.5.09a.i	Project Lifecycle	No Longer Applicable			Trans Mountain considers this to be a statement of intent rather than a commitment. New commitment 4558 better articulates the requirements of commitment. Commitment no longer applicable.
182	Permitting	Regional District of Fraser-Fort George	Trans Mountain will continue to consult with BC Ministry of Transportation and Infrastructure to ensure that the proposed pipeline does not interfere with the future expansion of Highway 5.	RD of Fraser-Fort George IR No. 1.12c	Prior to Operations	Complete			Trans Mountain consults with MoTI on an ongoing and regular basis. The general route of the pipeline was approved through the MoTI - Master Pipeline Crossing Permit.
616	Permitting	City of Burnaby	Trans Mountain Operations commits to applying for amendments to Westridge waste discharge permit a minimum of 6 months prior to modifications to the sampling point(s) or drainage area(s) at the facility as it relates to construction.	City Burnaby IR No. 2.073b	Prior to Construction	Complete			BC MOE Waste Discharge Permit addresses all of the current modifications to the discharge locations onsite.
1738	Permitting	NEB	Trans Mountain will directly notify affected tenure holders so they can select alternate areas for their activities. Compensation, considering various forms, will be provided to affected trappers according to established industry and provincial protocols if reduced fur harvest and lost revenue is proven. (Spread 2)	Application Volume 5B, 7-108.	Prior to Construction	Complete	Superseded by Legal/Regulatory Requirement		As per the legal requirement set out in CER Act Section 314 "Damages and Compensation" and as shown in the reports filed under Condition 99 Landowner and Tenant Consultation Reports, Trans Mountain has and will continue to notify and work with all landowners and tenants along the project.
4558	Permitting	City of Burnaby, City of Edmonton, City of New Westminster	Trans Mountain said it would apply for, or seek variance from, all permits and authorizations that are required by law, and would continue to work with all municipalities to understand the applicability of bylaws and standards related to the construction and operation of the Project.	NEB Reconsideration Report, Section 11.2.9, pg. 297	Project Lifecycle	Complete			Trans Mountain followed a Provincial Permitting Plan by seeking and receiving permits as required. Where permits were unobtainable, TM sought relief from the CER as shown in the following filings MO-057-2017 (A88474), MO-002-2021 (C11404), MO-031-2021 (C15556) and MO-010-2022 (C17897)
25	Pipeline Construction	City of Abbotsford	Trans Mountain will commit to winter construction at Ledgeview Golf Course.	City of Abbotsford IR No. 1.25c	Prior to Construction	Complete			Throughout the Ledgeview Golf Course, pipeline construction delays occurred due to flooding and freezing conditions. Through discussions with the City of Abbotsford, and Ledgeview Golf Course, approval was granted to continue work and Trans Mountain completed construction at Ledgeview Golf Course by July 1, 2022.
42	Pipeline Construction	Regional District of Fraser-Fort George	The determination (if a camp will be built in Valemount) should be made by Q1 of 2015. Trans Mountain commits that pipeline workers will usually be scheduled for six work shifts (Monday through Saturday) and one day off (Sunday) per week. If workers are housed in Valemount, they will be permitted to return home for their day off at their discretion.	RD of Fraser-Fort George IR No.1.03b	Prior to Construction	Complete	Superseded by CER Condition	59, 61	Trans Mountain has confirmed in filings made under Conditions 59 and 61 that a worker camp would be established outside the Village of Valemount. Reference for example the submission made under Condition 59 on February 11, 2019 confirming that Location VAL028 had been selected (Filing ID C04645). Workers typically work a six-on/one-off schedule with the discretion to leave camp site during days off.
43	Pipeline Construction	Regional District of Fraser-Fort George	Trans Mountain can confirm that all roads directly impacted by Project construction will be restored to their original state once construction has been completed.	RD of Fraser-Fort George IR No. 1.12h	Project Lifecycle	Complete			Trans Mountain confirms that roads directly impacted by the Project have been restored to the original state by grading and/or graveling.
44	Pipeline Construction	Regional District of Fraser-Fort George	Trans Mountain will meet the aesthetic standards for construction set by the Village of Valemount and the Regional District where doing so will not compromise the Project's operational requirements or conflict with other laws or regulations governing the Project.	RD of Fraser-Fort George IR No. 1.12k	During Construction	Complete			Trans Mountain through its Technical Working Group (TWG) have continued engagement through email, phone calls, and meetings with the Village of Valemount and the Regional District regarding construction concerns. Condition 49 filings provides details on the engagement with the Village of Valemount. Example Filing IDs: C05717, C26633
55	Pipeline Construction	NEB	Trans Mountain will have certified inspectors to monitor welding and non-destructive testing (NDT) activities to ensure compliance to project specifications and procedures. Periodic audits will be performed by third-party welding and NDT specialists employed by Trans Mountain.	Application Volume 4B-20.	During Construction	Complete	Superseded by CER Condition	111	Embedded in Joining Program submissions made under Condition 111 (e.g. C00700-2, Field Joining Program for Pipeline Construction, Sections 5.0, 8.0, 10.0, 11.0, and 12.4; C04492, Part 5 of 6, Facility Joining Program Quality Assurance Plan starting at PDF Page 190).
59	Pipeline Construction	NEB	Trans Mountain will retain contractors that employ only Canadian General Standards Board certified radiographers and ultrasonic technicians to operate the non-destructive testing (NDT) inspection equipment, and provide the final interpretation of radiographic film and the results of the ultrasonic inspection.	Application Volume 4B-20.	During Construction	Complete	Superseded by CER Condition	111	Embedded in Joining Program submissions made under Condition 111 (e.g. C00700-2, Field Joining Program for Pipeline Construction, Section 12.4 at PDF Pages 13-14).
60	Pipeline Construction	NEB	Trans Mountain will use well maintained equipment to reduce air pollution and unnecessary noise and restrict the duration that vehicles and equipment are allowed to sit and idle to less than one hour unless air temperatures are less than 0°C.	Technical Update No. 1 and Consultation Update No. 2 - Part 2 Table 1.6.3-1 page 100	During Construction	Complete	Superseded by CER Condition	72	Provisions set out in the Environmental Protection Plan filed under Condition 72 (Filing ID C01961, PDF Pages 40 and 254). Stipulation also to abide by municipal non-idling bylaws where applicable).
62	Pipeline Construction	NEB	Trans Mountain will work with the Merritt airport owner to coordinate construction activity around periods of airport use.	Application Volume 5B, 7-134.	During Construction	Complete			Trans Mountain and Merritt airport communicated regarding the construction activity and airport use.
72	Pipeline Construction	NEB	Trans Mountain will burn slash when conditions exist that allow for adequate dispersion of smoke and will observe the appropriate setback distances and other best management practices (Spread 5B).	Application Volume 5A, 7-88.	During Construction	Complete	Superseded by CER Condition	72	Burning is prohibited in the Lower Fraser Valley and Greater Vancouver Areas and the Westridge Delivery Lines. Slash burning protocols are set out in the Environmental Protection Plan filed under Condition 72 (Filing ID C01961).
88	Pipeline Construction	Mike Wiegele Helicopter Skiing	Trans Mountain will avoid construction during Resort's winter operating season.	Letter to Landowner	During Construction	Complete			Construction was completed in April-May 2021, after the winter ski season and impacts to the Resort were mitigated through use of a trenchless horizontal directional drill construction method under the site.
94	Pipeline Construction	Upper Nicola Band	Trans Mountain commits Upper Nicola Band to having drilling fluid pressures and drilling rates monitored at all times during construction for an early indication of circulation loss.	Upper Nicola Band IR No. 2(c).02.s	During Construction	Complete			An early version of the TMPEP Horizontal Directional Drilling Specification was provided in conjunction with Technical Update #3 in September 2014 (Filing ID A62628, B260-37). This specification has since been updated, including with an explicit requirement that the HDD contractor provide and maintain electronic data recorder instrumentation (Specification TMPEP-MP3123, Rev 2,

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									Article 5.1.13). The data being recorded includes drilling fluid pressures and drilling rates.
102	Pipeline Construction	NEB	Trans Mountain will employ an "early in/early out" approach by initiating construction activities as early as possible in the winter and working expeditiously to limit late winter activities. Additionally, Trans Mountain will discuss the timing of their activity with Alberta Energy Regulator (AER) and maintain contact with AER during the construction period to advise them of the construction progress and anticipated completion date within Key Wildlife Biodiversity Zones. Construction, routine maintenance and operation activities will be scheduled outside the spring period for caribou.	Application Volume 5A; Technical Update No. 1 and Consultation Update No. 2 - Part 2 Table 1.6.2-1	During Construction	Complete	Superseded by CER Condition	72	There are two Wildlife Biodiversity Zones (WBZ) intersected by the pipeline in Spread 1 - one at the North Saskatchewan crossing and one at the Wedgewood Creek crossing. The pipeline within both WBZs was constructed using a horizontal directional drill trenchless method with surface disturbance contained to ~ 360m of the total ~ 1,760m span for both crossings. Several members of the Alberta Government (GoA) attended a kick-off meeting prior to initiating construction in the WBZ in which construction methods and timelines were discussed. The GoA issued a permit for pipeline construction within the WBZs with an exemption from the restricted activity period. No caribou habitat is crossed in Spread 1. The Government of Alberta was apprised of progress throughout the construction period.
122	Pipeline Construction	NEB	Trans Mountain will employ an "early in/early out" approach by initiating construction activities as early as possible in the winter and working expeditiously to limit late winter activities. Additionally, Trans Mountain will discuss the timing of their activity with Alberta Energy Regulator (AER) and maintain contact with AER during the construction period to advise them of the construction progress and anticipated completion date within Key Wildlife Biodiversity Zones. Construction, routine maintenance and operation activities will be scheduled outside the spring period for caribou.	Application Volume 5A; Technical Update No. 1 and Consultation Update No. 2 - Part 2 Table 1.6.2-1	During Construction	Complete	Superseded by CER Condition	72	There is one Key Wildlife Biodiversity Zones (KWZ) intersected by the pipeline in Spread 2 - the Athabasca River KWZ. The pipeline intersects the KWZ for ~4 km paralleling existing linear disturbances for the majority of the span. Several members of the Alberta Government (GoA) attended a kick-off meeting prior to initiating construction in the KWZ. The GoA issued a permit for pipeline construction within the KWZ with an exemption from the restricted activity period. No caribou habitat is crossed in Spread 2. The GoA was apprised of progress throughout the construction period.
146	Pipeline Construction	City of Burnaby	Trans Mountain commits to sharing information on City of Burnaby utilities located during existing utility survey.	City Burnaby IR No. 1.33.35h	Prior to Construction	Complete			Trans Mountain has engaged with the City of Burnaby on the aspect of utility crossings and reached a Master Crossing Agreement.
164	Pipeline Construction	Natural Resources Canada	A pre-construction timber cruise will be completed to determine the economically operable and merchantable timber volume for the construction right-of-way, and during the timber cruise, areas along the construction right-of-way with forest health concerns or activity will be identified and mapped, for Spread 1.	GoC NRCan IR No. 1.09.1	Prior to Construction	Complete	Superseded by CER Condition	72	Timber salvage operations are being conducted in accordance with the Timber Salvage Plan filed and accepted under Condition 72 (reference Filing IDs A90966-12, A91896, and A99378). Trans Mountain is following appropriate provincial protocols for the advance estimation of merchantable timber and the securing of cutting authorizations.
226	Pipeline Construction	NEB	Trans Mountain will locate and flag all existing buried utility lines and cables to be crossed by the pipeline prior to the commencement of ground disturbance activities by using "one call" services in addition to direct contact with utility owners.	Application Volume 5B, 3-8.	Prior to Construction	Complete	Superseded by CER Condition	64	Protocols for Damage Prevention Planning set out in Section 22 and Appendix D of the Health and Safety Management Plan filed under Condition 64 on on May 16, 2017 (Filing ID A83607, A83602 at PDF Pages 42 and 139-205).
276	Pipeline Construction	BC Parks, NEB	A timber cruise will be conducted prior to construction.	BC Parks boundary adjustment application (August 2014)	Prior to Construction	Complete	Superseded by CER Condition	72	Timber salvage operations are being conducted in accordance with the Timber Salvage Plan filed and accepted under Condition 72 (reference Filing IDs A90966-12, A91896, and A99378). Trans Mountain is following appropriate provincial protocols for the advance estimation of merchantable timber and the securing of cutting authorizations.
312	Pipeline Construction	Fraser Valley Regional District	Trans Mountain commits to complying with Metro Vancouver's Non-Road Diesel Engine Emission Regulation while operating in the Fraser Valley Regional District.	Fraser Valley Regional District Attachment - Table 1.04(c)	During Construction	Complete	Superseded by CER Condition	52, 79, 85	In its Air Emissions Management Plans filed under Conditions 52 (File ID A84415 PDF pg 35) and 85 (File ID A85269 PDF pg 7) for Westridge Marine Terminal and Burnaby Mountain Tunnel construction, Trans Mountain reiterated its commitment to comply with Metro Vancouver's Non-Road Diesel Engine Emission Regulation Bylaw No. 1161 while operating in Metro Vancouver and the Fraser Valley Regional District. Compliance was also acknowledged in the Air Emissions Plan for the Burnaby and Sumas Terminals filed under Condition 79 (File ID A84102-5 PDF pg 49).
374	Pipeline Construction	C.G.L.A.P. - Collaborative Group of Landowners Affected by Pipelines	For the Chilliwack to Surrey portion of the Fraser Valley, Trans Mountain will bear the costs associated with the removal of soil, rocks, and debris extracted during any HDD or boring/tunneling activities on landowner property, including the costs for permitting of the removal that are directly attributable to the Project.	CGLAP IR No. 2.7h	During Construction	Complete	Superseded by Legal/Regulatory Requirement		Trans Mountain bore all the costs related to the removal of soils, rocks and debris associated with HDD, boring or tunneling activities on landowners properties for construction areas from Chilliwack to Surrey, BC, including costs for permitting.
455	Pipeline Construction	NEB	Trans Mountain will burn slash when conditions exist that allow for adequate dispersion of smoke and will observe the appropriate setback distances and other best management practices. In the Lower Fraser Valley (Spread 6) where air quality is an issue, Trans Mountain will avoid burning slash. Instead, mulching will be performed in place or slash will be shipped/hailed to an approved disposal location.	Application Volume 5A, 7-88.	During Construction	Complete	Superseded by CER Condition	72	Commitment addressed in the EPP filed under Condition 72 (Filing ID C01961), which states that burning is prohibited in the Lower Fraser Valley (PDF pg 50 #53). In place mechanical mulching will take place or the slash will be hauled to a Trans Mountain approved disposal location (PDF pg 52 #76).
505	Pipeline Construction	BC Parks	Open cut crossings are typically only utilized when a watercourse is dry or frozen to the bottom at the time of construction. Under these conditions, sediment release is not expected to occur, however, in the event the recommended isolated crossing technique is not feasible at Finn Creek, an open cut or partial isolation technique may be required. Trans Mountain will conduct monitoring under flowing conditions to document downstream turbidity and any exceedances of the relevant guidelines will be reported to the appropriate regulatory authorities.	BC Parks boundary adjustment application (August 2014) Tab A - Finn Creek Provincial Park	During Construction	Complete			Trans Mountain conducted an isolated trenched method to install pipe across Finn Creek. Water quality monitoring was conducted during the period of instream works to document downstream turbidity and any exceedances of the relevant guidelines. All results were within guidelines, therefore no regulatory reporting was required.
516	Pipeline Construction	NEB	In the Lower Fraser Valley where air quality is an issue, Trans Mountain will avoid burning slash. Instead, mulching will be performed in place or slash will be shipped/hailed to an approved disposal location.	Application Volume 5A, 7-88.	During Construction	Complete	Superseded by CER Condition	72	Commitment addressed in the EPP filed under Condition 72 (Filing ID C01961), which states that burning is prohibited in the Lower Fraser Valley (PDF pg 50 #53). In place mechanical mulching will take place or the slash will be hauled to a Trans Mountain approved disposal location (PDF pg 52 #76).
579	Pipeline Construction	City of Abbotsford	If site conditions develop that require the release of sediment-laden waters to City storm sewers, drains or storm sewers, Trans Mountain will contact and consult with the City of Abbotsford's	City of Abbotsford IR No. 2.2.08c	Prior to Operations	Complete			Trans Mountain was in communication with the City of Abbotsford regarding the implementation of a Drainage Erosion and Sediment Control Plan for

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			General Manager of Planning and Development Services or designate.						onsite water management. Through consultation with the City of Abbotsford, Trans Mountain only discharged water that was treated to City of Abbotsford standards to storm sewers.
621	Pipeline Construction	City of Burnaby	Trans Mountain will provide plans which indicate all utilities for the selected pipe route once the protocol agreements with the municipalities are set and the utility owners have been able to provide more detailed utility information.	City Burnaby IR No. 2.090a	Project Lifecycle	Complete			Trans Mountain provided City of Burnaby with design drawings that include information regarding all utilities crossed by the pipeline right of way within Burnaby jurisdiction. The final design drawings were provided to Burnaby as an attachment to the Crossing Agreement which was signed in June 2021.
634	Pipeline Construction	City of Burnaby	Trans Mountain will communicate with TICorp during the detailed design phase to minimize the disturbance to existing compensation areas within the TMEP Proposed Project footprint in the Brunette River Valley area. Any disturbance to existing riparian vegetation or compensation areas will be re-established by Trans Mountain during the construction and reclamation phases of the Project.	City Burnaby IR No. 2.135	Prior to Construction	Complete			Trans Mountain consulted with DFO and MOTI on the design, compensation and disturbances related to the Brunette River Valley area. Agreements and conditions were applied by both parties to Trans Mountain.
643	Pipeline Construction	City of Coquitlam	Trans Mountain commits to repaving the two westbound lanes of the United Blvd upon completion of TMEP construction in the United Blvd area.	City of Coquitlam IR No. 2.D.3	Prior to Operations	Complete	Superseded by CER Condition	49	The two westbound lanes of United Boulevard that were affected by pipeline construction (between approximately KP 1170.7 to 1172.2 were repaved in three sections. All sections were completed by October 13, 2023.
714	Pipeline Construction	Township of Langley	Trans Mountain inspectors will be monitoring construction activities to ensure that grading does not create issues, including drainage.	Langley IR No. 2.11.a	During Construction	Complete	Superseded by CER Condition	72	Grading activities are comprehensively addressed in Section 10.0 of the Environmental Protection Plan filed under Condition 72 (Filing ID C01961, PDF Pages 62-67).
897	Pipeline Construction	City of Burnaby	Trans Mountain commits to working with the City of Burnaby to avoid any intrusive work from the surface during construction and operation of the Burnaby Mountain Tunnel section of the pipeline.	NEB Route Hearing TranscriptSeg 7 Vol 3 para 1784	During Construction	Complete	Superseded by CER Condition	14, 49, 26	On March 1, 2017, Trans Mountain filed its Burnaby Mountain Tunnel Option Design, Construction, and Operation report under Condition 26 (Filing ID A81936). This report illustrates intent to generally avoid any intrusive work from the surface during construction and operation. This commitment is further addressed by CER Commitment 14 - Technical Working Groups - Terms of Reference (Filing ID A81760) which outlines Trans Mountain's initial engagement with the City of Burnaby. Additionally, Condition 49 - Technical Working Groups - Reports (most recent filing ID C26633) detail on-going engagement with the City of Burnaby.
900	Pipeline Construction	City of Burnaby	Trans Mountain commits to seeking to avoid having to access the Burnaby Tunnel from the surface, though in the unlikely event that it was required, Trans Mountain would minimize the impact and any impacts that were caused would be fully restored.	NEB Route Hearing TranscriptSeg 7 Vol 3 para 1784	During Construction	Complete	Superseded by CER Condition	62	Trans Mountain confirms that construction of the Burnaby Mountain tunnel did not require any surface disturbance outside the approved footprint of the portals located within Burnaby Terminal and Westridge Marine Terminal. Trans Mountain's March 1, 2017 Condition 26 filing provides an overview of the design and construction of the Burnaby Mountain Tunnel (Filing ID A81936).
1000	Pipeline Construction	Regional District of Fraser-Fort George	During construction of the pipeline, Trans Mountain commits to ensure access to the Valemount transfer station for the haul truck (tractor) and 50-foot trailer during normal operating hours.	RD of Fraser-Fort George IR No. 1.12f	During Construction	Complete			Trans Mountain completed a trenchless crossing at this location which allowed for the continuous access to the Valemount transfer station.
1002	Pipeline Construction	Regional District of Fraser-Fort George	As an essential service road, Trans Mountain can commit to ensuring no complete closure of the road to the transfer station during normal transfer station hours such that access is available to the maximum possible extent. If open-cut crossing methods are employed on this road, Trans Mountain will further commit to consulting with transfer station operations representatives to determine an optimum construction schedule, including conducting Project activities outside normal transfer station hours. Access will be maintained for members of the public and local government staff.	RD of Fraser-Fort George IR No. 1.12g, RD of Fraser-Fort George IR No. 1.12e	During Construction	Complete			Construction in this area occurred by trenchless auger bore method, there was no open cutting of the road. The road remained accessible with appropriate traffic control.
1009	Pipeline Construction	Township of Langley	Where possible, excavated material will be stored on the proposed construction footprint (right-of-way and temporary workspaces) during the construction phase before backfilling. Where there is no opportunity to store excavated material due to space constraints, additional space will be secured from the respective abutting and non-abutting landowners or from the Municipality to allow for the temporary storage of excavated material. Additional storage space will be located as close to the respective worksites as practical.	Langley IR No. 1.19a	During Construction	Complete			Excavated material associated with pipeline construction within the Township of Langley was stored on the right-of-way, approved temporary workspace or approved extra temporary workspace. No additional storage space was required.
1015	Pipeline Construction	NEB	With respect to water use for camps and construction offices, Trans Mountain will enter into water use agreements with the applicable jurisdictions as the Project develops. (Spread 5B)	Application Volume 5B, 7-139.	During Construction	Complete			Trans Mountain occupied Ohamil Camp on a turn-key basis and water use was included. Water was purchased and trucked to all temp sites in Spread 5B, therefore no specific water use agreements were required.
1021	Pipeline Construction	Regional District of Fraser-Fort George	At locations considered sensitive to vibrations, Trans Mountain will employ specific pipeline construction techniques to minimize such vibrations. This may include modified excavation and backfilling procedures, as well as monitoring of vibrations at the boundary of the construction right-of-way to reasonably ensure that materials already in place are not disrupted.	RD of Fraser-Fort George IR No. 1.06b	During Construction	Complete			Trans Mountain utilized the Auger bore method and open cut to reduce vibration in this area near the Valemount Transfer Station. The road leading to the Station was auger-bored and the areas on both sides were open cut. Through review of the vibration monitoring plans for TMPL, we can confirm that the Auger bore method is ranked as one of the lowest vibration activities. No vibration monitoring is required for open cuts.
1092	Pipeline Construction	Environment Canada	Trans Mountains plans to have a qualified engineer and or hydrogeologist onsite during construction to sample and analyze the water being extracted during the tunneling process.	GoC EC IR No. 2.120	During Construction	Complete	Superseded by CER Condition	87	Trans Mountain has addressed this commitment via the company's updated Groundwater Seepage Management Plan for Burnaby Mountain Tunnel Construction filed under Condition 87 In January 2021 (Filing ID C11052) and approved by the CER in Letter Report No. 79 (Filing ID C13201). During tunnel construction, the water flowing down the tunnel was treated before release. Prior to and during tunneling, independent water sampling and testing was carried out.

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1165	Pipeline Construction	NEB	To mitigate any potential scratches or damage to the pipe coating due to contact with the dollies during pipe installation, Trans Mountain commits to applying an extra layer of coating to the pipe in areas where there will be contact with the clamps, fitting the dolly pipe clamps that will be in direct contact with the outside pipe coating with a neoprene pad, and visually inspecting the pipe at the dolly clamps for potential damage to the coating.	NEB Cond IR No. 59.2	During Construction	Complete			The piping is covered with extra coating with the use of abrasion resistant overlay (ARO) coating. The pipe clamps saddle is lined with Dynamex Loadtex resilient laminated-fabric pad which are exceptionally suited for the reduction of impact shock, vibration and structure-borne noise. The pipe is visually inspected and jeeped (holiday tested) to ensure damage has not occurred to the pipe.
1215	Pipeline Construction	NEB	Trans Mountain commits to following the air quality testing and mitigation procedures as described in the McNally Health & Safety Plan, during tunnel boring.	NEB Cond IR No. 61.3 a)	During Construction	Complete	Superseded by CER Condition	26	The full McNally Project-Specific Safety Plan for Burnaby Mountain Tunnel was filed on March 9, 2020 in connection with Condition 26(a)(ii) regarding confined space entry procedures (Filing ID C05112). More specifically, the aspect of confined space entry is covered in Section 4.5 of that plan, including with due regard to air quality testing and mitigation procedures. The subject of confined space entry procedures is addressed (Filing ID 05112). The CER granted Condition 26(a)(ii) approval through Letter Report No. 71 dated March 10, 2021 (Filing ID C11895).
1315	Pipeline Construction	Township of Langley	Trans Mountain is prepared to reimburse Township of Langley for reasonable costs and staff time required to monitor and assist Trans Mountain workers in constructing the Project on municipal lands and in locations where municipal services are located (either parallel to or crossed by Project).	Langley IR No. 2.13.e	Prior to Operations	Complete			This commitment is addressed via Trans Mountain's Crossing Agreement with the City of Langley. The agreement defines expenses as including investigation, survey, sampling, monitoring, reporting, and other services, as well as to satisfy any obligation to the City of Langley. Additionally, it confirms work could not be completed until fees were paid to the City of Langley.
1446	Pipeline Construction	City of Burnaby, NEB	Trans Mountain takes responsibility for returning any lands disrupted during construction to the same, or better condition than existed before construction (within the confines of safe right-of-way management.) Trans Mountain will work with each landowner on this and could involve such things as replanting appropriate vegetation, landscaping and monitoring for weed invasion. However, Trans Mountain does not take responsibility for private landscaping needs unrelated to construction.	Application Volume 3A, 3A-151; NEB Route Hearing TMEP Evidence Seg 7 Burnaby	During Operations	Complete	Superseded by CER Condition	72	The principles expressed in this commitment underpin the reclamation provisions contained in the Environmental Protection Plan filed and accepted under Condition 72 (Filing ID C01961). Reference Section 13.0 "Clean-Up and Reclamation" and Appendix H "Consolidation of Reclamation Measures" (PDF Pages 76-86 and 432-514). An updated version of the Environmental Protection Plan was filed on July 7, 2022 (CER Filing ID C20382), with Section 13.0 and Appendix H again being the key references.
1533	Pipeline Construction	Natural Resources Canada	A pre-construction timber cruise will be completed to determine the economically operable and merchantable timber volume for the construction right-of-way, and during the timber cruise, areas along the construction right-of-way with forest health concerns or activity will be identified and mapped, for Spread 7.	GoC NRCAN IR No. 1.09.1	Prior to Construction	Complete	Superseded by CER Condition	72	Timber salvage operations are being conducted in accordance with the Timber Salvage Plan filed and accepted under Condition 72 (reference Filing IDs A90966-12). Trans Mountain is following appropriate provincial protocols for the advance estimation of merchantable timber and the securing of cutting authorizations. Table 4 and Table 5 (PDF pg 11) provide Timber Salvage Volume Estimates in both Alberta and BC. C72 Timber Salvage, Section 5 (PDF pg 13) Detailed guidance on Forest Health concerns can be found in the Managed Forest Areas and Forest Health Technical Report (Volume 5D of the ESA) C72 EPP Appendix G, Section 5.1 "Forest Health" #9. During the pre-construction timber cruise, identify and map areas with bark beetle activity or other forest health concerns. The forest health information collected will be listed in the harvesting site plan prepared by a qualified professional. (CER Filing ID C20382)
1576	Pipeline Construction	Cedar Springs Strata Corporation	Trans Mountain will seed portions of the construction right-of-way that form part of the permanent easement of the pipeline with a native seed and maintained in an early seral vegetative state until the pipeline is abandoned.	Cedar Springs Strata Corporation Preliminary (P) IR No. 1.03c	Post-Construction Monitoring	Complete	Superseded by CER Condition	72	Trans Mountain in discussions with Cedar Springs Strata Corporation and the City of Abbotsford completed vegetation over the right-of-way with lawn sod and hydro seed. Trans Mountain's Operations Integrated Vegetation Management Plan will continue to apply throughout the life of the pipeline.
1671	Pipeline Construction	NEB	With respect to water use for camps and construction offices, Trans Mountain will enter into water use agreements with the applicable jurisdictions as the Project develops. (Spread 5A)	Application Volume 5B, 7-139.	During Construction	Complete			Trans Mountain entered into a water use agreement with the Town of Merritt for the Merritt Camp.
1672	Pipeline Construction	NEB	With respect to water use for camps and construction offices, Trans Mountain will enter into water use agreements with the applicable jurisdictions as the Project develops. (Spread 3)	Application Volume 5B, 7-139.	During Construction	Complete			Trans Mountain has entered into a water use agreement with the Town of Valemount for the Valemount Camp. Blue River Camp receives water from the Thompson Nicola Regional District, an agreement was made in January 2022.
1673	Pipeline Construction	NEB	With respect to water use for camps and construction offices, Trans Mountain will enter into water use agreements with the applicable jurisdictions as the Project develops. (Spread 4A)	Application Volume 5B, 7-139.	During Construction	Complete			Trans Mountain has entered into water use agreements with the District of Clearwater for the Clearwater Camp and Blue River Camp receives water from the Thompson Nicola Regional District, an agreement was made in January 2022.
1698	Pipeline Construction	NEB, Waterwealth Project	Trans Mountain commits to using bio-degradable hydraulic fluid on the heavy equipment used during pipeline installation in the Vedder Fan Aquifer area (KP 1091.6 to KP 1105.6).	Route Variance Chilliwack BC Hydro Application pg10, Route Variance Chilliwack BC Hydro NEB IR 1.4; Route Variance Chilliwack B Waterwealth IR 1.2	During Construction	Complete	Superseded by CER Condition	72	Provision incorporated in the Pipeline Environmental Protection Plan filed under Condition 72 (Filing ID C20382-2 PDF pg 41 Item #140).
1719	Pipeline Construction	NEB	Trans Mountain commits to utilizing measures outlined in the response to NEB Condition IR 71.2 including the use of neoprene layering, isolation kits, non-conductive coatings, insulation, and maintaining adequate separation from metalling unprotected structures, to ensure that cathodic protection does not extend to structures other than the delivery pipelines.	NEB Cond IR No. 71.2	During Construction	Complete			The piping is covered with extra coating with the use of abrasion resistant overlay (ARO) coating. The pipe clamps saddle is lined with a dialect pad, Dynamex Loadtex, resilient laminated-fabric pad which provides a great reduction of impact shock, vibration and structure-borne noise. The pipe is

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									visually inspected and jeeped (holiday tested) to ensure damage has not occurred to the pipe. The Redwood StrongBond is provided as a secondary adhesive that is comprised of two-component adhesive cement, it yields high-strength adhesion when bonding rubber to substrates.
1726	Pipeline Construction	NEB	Trans Mountain commits to minimizing equipment and personnel and using smaller excavation equipment, in reduced workspace areas within the Chilliwack BC Hydro Route Realignment.	Route Variance ChilliwackBC Hydro NEB IR 3.1b	During Construction	Complete			As per the alignment sheets (also filed with the CER through USB), construction was completed in the footprint, extra work space was utilized where the footprint allowed.
2369	Pipeline Construction	City of Coquitlam	To mitigate the issue of overlap in construction schedules between the end of Port Mann Main No. 2 work and the start of construction of the proposed Fraser River horizontal directional drilling (HDD) for the Project, Trans Mountain will change the sequence of large HDD crossings to delay the Fraser River crossing such that the work on the north shore of the Fraser River in preparation for the HDD would not begin until 2017. If the Metro Vancouver project is delayed, then the two construction contractors will manage the interface issues during the construction period.	Reply Evidence 13.7 Port Mann Main No. 2/Colony Farm Regional Park, Coquitlam - p3 - line 7	Prior to Construction	Complete			
2379	Pipeline Construction	NEB	Trans Mountain will obtain real time flow measurements immediately prior to commencing any mid-sized and large open-cut crossing using the isolation methodology. If flow volumes are within the threshold limits for the respective isolation methodology and the weather forecast (typically a 2 to 5 day forecast) is favourable, the crossing will then be initiated. If flow volumes exceed the threshold limits for isolation or the weather forecast is unfavourable, a decision will then be made to either wait for flows to subside and/or a favourable weather window (if an available biological window remains) or implement the contingency methodology process as required.	Reply Evidence 14.1 Selection of Primary Watercourses Crossing Method - p2 - line 25	During Construction	Complete	Superseded by CER Condition	72	Trans Mountain's Environmental Protection Plan, Condition 72 (C01961), Site Specific Watercourse Crossing Execution Plans and Watercourse Crossing Phased Checklists outline isolation crossing procedures including flow rate measurements and weather forecasts prior to commencing mid-sized and large open-cut crossing using the isolation methodology. Implementation of these procedures at mid- and large-sized watercourse isolation crossings were confirmed and managed by the field personnel including the crossing contractor Foreman and Environmental Coordinator, as well as the Trans Mountain Activity Inspector and Environmental Inspector.
2536	Pipeline Construction	City of Burnaby, Township of Langley	Where minor roads are crossed that may affect established community use/access routes, Trans Mountain will complete open-cut crossings within one day, to the extent practical.	City Burnaby IR No. 1.35.05b; Langley IR No. 1.14a	During Construction	Complete			Commitment addressed by Trans Mountain's crossing agreements with the City of Burnaby and the Township of Langley that confirms Trans Mountain will strive to minimize causing obstructions in both municipalities and that restoration will be completed as soon as is reasonably practical after completion.
2563	Pipeline Construction	NEB	Trans Mountain will commit to clear snow, trees, stumps, brush and other vegetation from the construction right-of-way, temporary work sites and permanent facilities that are not located on existing, previously cleared easements. Timber and brush disposal options will be subject to agreements with landowners and appropriate government authorities.	Application Volume 3A Public Consultation Table 1.7.2 p3A-151	During Construction	Complete	Superseded by CER Condition	72	Survey and Clearing provisions (including for timber disposal) set out in Section 8.0 of the Environmental Protection Plan filed under Condition 72 (Filing ID C20382, PDF Pages 43). Trans Mountain also provides the Timber Salvage Plan under CER Condition 72 (Filing ID A90966-12), where details on consultation requirements with landowners and government authorities are provided.
2593	Pipeline Construction	NEB	In addition to the hydrostatic testing of the new Line 2 pipeline segments, Trans Mountain will ensure a post-construction in-line inspection (ILI) survey with a caliper tool is performed to identify any construction damage to the pipe that requires repair. The caliper tool will also provide baseline geometry data.	Application Volume 4C s. 8.1.4 p4C-27	During Operations	Complete			Post-construction in-line inspection (ILI) surveys were conducted on all Line 2 segments to detect anomalies that may have occurred during construction. Confirmation that caliper tool runs were conducted is presented in Section 5.0 of the Line 2 mainline leave-to-open applications.
2604	Pipeline Construction	NEB	Trans Mountain will conduct monitoring at all flowing open cut crossings to document downstream turbidity and any exceedances of the relevant guidelines will be reported to the appropriate regulatory authorities.	Application Volume 5A s. 7.2.3.6 p7-68	During Construction	Complete	Superseded by CER Condition	72	Topic addressed in Environmental Protection Plan filed under Condition 72. Provisions set out in the Environmental Protection Plan filed under Condition 72 (Filing ID C01961). Refer in particular to the Water Quality Monitoring Management Plan comprising Section 8.2 of Appendix G (at PDF Pages 412-419 with keynote provisions in Sections 8.2.3 and 8.2.4).
2636	Pipeline Construction	NEB	Trans Mountain will reduce the amount of land disturbed by using previously disturbed areas for stockpiles, staging areas and camps where possible.	Application Volume 5B Table 7.2.2-4 p7-27; Application Volume 5B Table 7.2.2-4 p7-28, Application Volume 5B s. 7.2.3.6 p7-53	During Construction	Complete		61, 72	The aspect of land use requirements was addressed at length during the regulatory proceedings, with Condition 61 requiring the filing of a comprehensive list of temporary infrastructure sites. Associated permitting protocols set out in the Environmental Protection Plan filed under Condition 72.
2638	Pipeline Construction	NEB	Trans Mountain will enable livestock access to, and use of, improved pasture and hay land areas outside of the Footprint that may be isolated by construction activities.	Application Volume 5B Table 7.2.4-2 p7-72	During Construction	Complete	Superseded by CER Condition	72	The Environmental Protection Plan filed under Condition 72 contains several provisions regarding the accommodation of livestock (Filing ID C01961). In particular, refer to the Agricultural Management Plan comprising Section 2.2 of Appendix G and (at PDF Pages 289-298, with the most pointed commentary under "Ranches/Cattle" on PDF Page 296).
2643	Pipeline Construction	NEB	Trans Mountain will ensure all roads cut open will be fully reinstated to the satisfaction of the road owner.	Application Volume 5B Table 7.2.5-2 p7-122	During Construction	Complete			As a matter of practice, Trans Mountain negotiates and finalizes agreements with road owners for any required roadway crossings. In the case of open cut crossings, the agreements provide for the reinstatement of the roadway following pipeline installation.
2644	Pipeline Construction	NEB	Trans Mountain will ensure that roads that deteriorate during Project construction as a result of Project traffic will be maintained by the contractor subject to approval of the road owner, on the basis of a pre and post-construction condition assessment.	Application Volume 5B Table 7.2.5-2 p7-122	During Construction	Complete			As a matter of practice, Trans Mountain negotiates and finalizes agreements with road owners for any required roadway crossings. Such agreements address matters such as reinstatement of the roadway following pipeline installation, including in relation to any roadway damage that may occur during construction activities.
2650	Pipeline Construction	NEB	Trans Mountain commits to treating sewage and grey water in a temporary treatment facility, including any related to construction camps, onsite at each facility and hauled to regional facilities	Application Volume 5B Table 7.2.5-2 p7-	During Construction	Complete	Superseded by CER Condition	72	This falls under the waste management provisions contained in the Environmental Protection Plan filed under Condition 72, with related

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			for disposal.	124					protocols applying (Filing ID C01961, PDF Pages 310-314).
2652	Pipeline Construction	NEB	During grading and excavation at site TMEP-019, located at RK 669.5 and approximately 0.05 km south of the proposed pipeline corridor, Trans Mountain will follow recommendations to avoid using the potentially acid generating (PAG) rock in fill areas and use a cover of compacted till or clayey material in cut areas where PAG material is exposed. It will be also be important to optimize the amount of excavated PAG material used as backfill in trenches. This material should be sealed with a cap of compacted till or clay. Any excess material that cannot be backfilled should be stored high and dry at the site under a cover of compacted till or clayey material.	Application Volume 5C s. 5.2 p21	During Construction	Complete	Superseded by CER Condition	72	Metal-leaching and Acid Rock Drainage Management Plan (complete with a mitigation decision framework) set out in Section 4.1 of the Environmental Protection Plan filed under Condition 72 (Filing ID C01961, PDF Pages 330-336).
2653	Pipeline Construction	NEB	During grading and excavation at site TMEP-026, located at RK 789, approximately 0.3 km west of the proposed pipeline corridor, Trans Mountain will use a cover of compacted till or clayey material in cut and fill areas. Trans Mountain will ensure trenches should be sealed with cap of compacted till or clayey material. On-site storage of potentially acid generating (PAG) rock should be stored under a cover of compacted till or clayey material	Application Volume 5C s. 5.3 p22	During Construction	Complete	Superseded by CER Condition	72	Metal-leaching and Acid Rock Drainage Management Plan - Section 4.1 of the Environmental Protection Plan filed under Condition 72 (Filing ID C01961, PDF Pages 330-336).
2913	Pipeline Construction	Dorothy Doherty	In urban areas, Trans Mountain commits to covering the new pipeline using all trench excavation spoil materials except for rock material and other materials that would damage the physical structure of the pipe or the pipe coating. During right-of-way construction, topsoil will be separated from the trench spoil as part of the topsoil stripping operation. Topsoil will be placed back over the entire right-of-way as part of completion of the Project.	Doherty D IR No. 1.10.3d	During Construction	Complete	Superseded by CER Condition	72	The topics of topsoil handling and backfilling are addressed in Sections 5.0 and 12.0 of the TMEP Pipeline Construction Specifications (Filing ID 87951-3). Topics also covered in Sections 10.0 and 12.0 of the Environmental Protection Plan filed under Condition 72 (Filing ID C01961).
3203	Pipeline Construction	City of Chilliwack, Waterwealth Project	a) Proposed construction timing for Browne Creek and the Wetland will be inside the Least Risk Window (August 1 to September 15) and will avoid critical spawning/incubation periods for salmonids, including Salish Sucker (which have a spawning period of March 1 to July 1), and the breeding period for amphibians (February to late July). b) Despite paragraph a), Trans Mountain may conduct the Site-Preparation Activities commencing immediately upon issuance of the Commission's June 10, 2022 letter (C19510); and c) Despite paragraph a), Trans Mountain may conduct the Trenchless Activities, outside of the Least Risk Window, immediately upon approval from the Commission on October 28, 2022 (C21715).	Detailed Route Hearing MH-026-2020, Reply Evidence for WaterWealth Project, para. 38 CER Letter Decision No. 142 CER Letter Decision No. 176	During Construction	Complete			Part a) - Open trench construction within Browne Creek Wetlands was avoided by installing the pipeline within the Browne Creek Wetlands via trenchless crossing method. Construction activities occurred from August 10 to September 12, 2022. Part b) - Site preparation activities occurred from June 10 to September 12, 2022. Part c) - The trenchless crossing of the Browne Creek Wetlands occurred from December 5, 2022 to January 17, 2023, after the October 28, 2022 Commission approval.
3507	Pipeline Construction	Living Oceans Society	Trans Mountain commits to monitoring for methane during construction activities in the area of United Boulevard in Coquitlam (which was built over an old landfill site).	Living Oceans IR No. 1.28a	During Construction	Complete	Superseded by CER Condition	72	The TMEP Environmental Protection Plan recognizes methane at current and former landfill sites as a potential contaminant of concern with associated requirements for landfill gas monitoring during construction activities (Filing ID C01961, PDF Pages 322-323). The EPP also specifies that engineering controls are to be used if thresholds are exceeded, such as for example ventilation to minimize the potential for landfill gas accumulation in the trenches.
3552	Pipeline Construction	NEB	Trans Mountain will burn slash when conditions exist that allow for adequate dispersion of smoke and will observe the appropriate setback distances and other best management practices. In the Lower Fraser Valley where air quality is an issue, Trans Mountain will avoid burning slash. Instead, mulching will be performed in place or slash will be shipped/hailed to an approved disposal location.	Application Volume 5A, 7-88.	During Construction	Complete	Superseded by CER Condition	72	Burning is prohibited in the Lower Fraser Valley and Greater Vancouver areas from Wahleach Pump Station to Burnaby Terminal, and the Westridge Delivery lines. Slash burning protocols are set out in the Environmental Protection Plan filed under Condition 72 (Filing ID C01961).
3602	Pipeline Construction	NEB	Trans Mountain commits to filing a summary of the following information with the Board, as and when it becomes available in August 2017 or thereafter, and prior to commencing any camp site activity in Spread 5B: confirmation that the lease agreement for the Cheam camp has been completed; and an update to the camp site location in Hope, BC.	NEB Cond IR No. 49.1	Prior to Construction	Complete	Superseded by CER Condition	59	Trans Mountain has filed comprehensive information on worker camps under Condition 59 regarding Worker Accommodation Strategy. In a compliance submission dated September 1, 2017 (CER Filing ID A85812-3), TMPL advised that an application had been filed with the BCOGC seeking a Crown License of Occupation for the proposed Blue River camp site (Section 3.6.2 PDF pg 18), and the Cheam camp at (Section 3.9.2 PDF Page 26). Trans Mountain later advised that the previously contemplated Cheam Camp had been relocated to a new site on the O'hamil No. 1 Reserve near Hope, BC (CER Filing ID C06896 PDF pg 9).
3603	Pipeline Construction	Province of British Columbia	In the unlikely event that pipeline construction has resulted in diminished water quality or quantity and is directly related to the construction or operation of the pipeline, Trans Mountain will re-establish or replace a potable water supply.	Province BC IR No. 1.1.38c	During Construction	Complete	Superseded by CER Condition	72	Topic covered in EPP filed under Condition 72. The Environmental Protection Plan filed under Condition 72 provides that a potable water supply will be re-established or replaced as required should a registered or known water well be damaged by construction (Filing ID C01961 at PDF Page 34). The Groundwater Management section in Appendix G provides more information and detailed mitigation measures for groundwater resources (PDF Pages 336-341).
3620	Pipeline Construction	City of Burnaby	Trans Mountain will abide by PPA requirements and fees for its expansion in the City of Burnaby.	City of Burnaby Meeting (August 2015)	Prior to Construction	No Longer Applicable			On January 18, 2018, the NEB issued its Reasons for Decision in relation to a constitutional question on the applicability of the City of Burnaby's Preliminary Plan Approval application process (Filing ID A89360). In the circumstances of the case, the NEB granted TMPL relief from having to obtain PPAs for its federally-regulated pipeline expansion project.
3629	Pipeline Construction	Village of Valemount	Trans Mountain will contact solid waste management consultant re Valemount landfill capacity .	Non-Regulatory Commitment	Prior to Construction	Complete			
3635	Pipeline Construction	Regional District of Fraser-Fort George	Trans Mountain will maintain consistent access to the Valemount landfill during construction.	Non-Regulatory Commitment	During Construction	Complete			Trans Mountain completed a trenchless crossing at this location maintaining continuous access based on the execution methodology.

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3661	Pipeline Construction	District of Clearwater	Trans Mountain will replace fragile asbestos cement pipes (existing District's water and sanitary lines) prior to mainline construction.	Non-Regulatory Commitment	During Construction	Complete	Superseded by CER Condition	14, 49	Permits for the District of Clearwater were provided and signed off by the District of Clearwater where information on asbestos cement pipes are provided. This is also found within the Town of Clearwater HDD plan, provides details on steps to be taken in the event of compromised asbestos cement pipe. (Link to commitment #3712)
3670	Pipeline Construction	City of Chilliwack	Trans Mountain commits to using biodegradable hydraulic fluid for the pipeline section from the western limit of Watson Road to the western property line of 45560 South Sumas Road.	Chilliwack Technical Working Group Meeting (September 2015)	During Construction	Complete			Trans Mountain has confirmed with both GCC's working the pipeline section from the western limit of Watson Road to the western property line of 45560 South Sumas road that they are using biodegradable hydraulic fluid.
3693	Pipeline Construction	City of Coquitlam	Trans Mountain will conduct post construction video inspections of all disrupted storm and sanitary service connections in the City of Coquitlam.	TWG Meeting	During Operations	Complete			Trans Mountain conducted post construction video inspections of disrupted storm and sanitary service connections in the City of Coquitlam in 2022 and 2023.
3703	Pipeline Construction	Workshop Participants	Construction timing in agricultural areas of the Fraser Valley will be undertaken in a manner to attempt to minimize impacts to the local farmers. Local ground conditions may affect the contractor's construction plan. If agricultural lands are in irrigation, Trans Mountain commits to ensuring the irrigation is not interrupted.	Agricultural EPP Workshop (September 10, 2015)	During Construction	Complete	Superseded by CER Condition	72	The Environmental Protection Plan filed under Condition 72 denotes that construction will be scheduled to reduce interference with landowners and agricultural operations in accordance with the Line List, where feasible (Filing ID C20382 PDF Page 33 #48). As a complement to the main provisions of the EPP, an Agricultural Management Plan is set out as part of Appendix G, Section 2.2 (at PDF Pages 292-301).
3705	Pipeline Construction	City of Coquitlam	Trans Mountain will address methane in its plans.	City of Coquitlam Meeting (August 2015)	Prior to Construction	Complete	Superseded by CER Condition	72	The TMEP Environmental Protection Plan recognizes methane at current and former landfill sites as a potential contaminant of concern with associated requirements for landfill gas monitoring during construction activities (Filing ID C01961, PDF Pages 322-323). The EPP also specifies that engineering controls are to be used if thresholds are exceeded, such as for example ventilation to minimize the potential for landfill gas accumulation in the trenches.
3711	Pipeline Construction	Metro Vancouver	Trans Mountain will consult with Metro Vancouver regarding infrastructure and utilities prior to construction.	Non-Regulatory Commitment	During Construction	Complete	Superseded by CER Condition	49	A crossing agreement between the City of Burnaby and Trans Mountain was signed in June 2021. The agreement includes a requirement for Trans Mountain to coordinate with Metro Vancouver before commencement of construction, wherein Trans Mountain will provide Metro Vancouver at least 10 days notice and the opportunity to conduct site visits as Metro Vancouver sees fit. Additionally, see Condition 49 - Technical Working Groups, in which ongoing consultation with Metro Vancouver is detailed (most recent filing ID C26633). This consultation includes discussion of issues raised by Metro Vancouver.
3712	Pipeline Construction	District of Clearwater	Trans Mountain commits to replacing old utilities pipes for the width of the Right-of-Way (ROW) when crossing pipes during construction.	Meeting Notes	During Construction	Complete	Superseded by CER Condition	14, 49	Crossing agreements have been signed by the District of Clearwater including details on replacing old utility pipes. Through Trans Mountain's TWG format, along with the District of Clearwater, field visits and desktop reviews of all crossings were completed on April 11, 2017, where crossings of concern and potential impacts of District infrastructure were identified (CER Filing ID A82625 and A86895) C49 report filed April 13, 2021 (CER Filing ID C12364 PDF pg 16). Also see Commitment 3661 for further information.
3717	Pipeline Construction	Metro Vancouver	Trans Mountain commits to consult with Metro Vancouver in the development of the Projects construction schedule within the Coquitlam Landfill site.	Non-Regulatory Commitment	Prior to Construction	Complete	Superseded by CER Condition	49	Condition 49 Technical Working Group report filed every 6 months, provides documentation on the communication with Metro Vancouver regarding the construction plans at Eaglequest Golf Course (former Coquitlam Landfill) (C18532 PDF pg 18 last row).
3819	Pipeline Construction	City of Coquitlam	Trans Mountain will repave the full width of roads requiring longitudinal open cut construction (excluding United Boulevard).	Non-Regulatory Commitment	During Construction	Complete	Superseded by CER Condition	49	Trans Mountain entered into an agreement with the City of Coquitlam in September 2022 regarding the scope of road restoration. Road restoration, including repaving, was undertaken in 3 parts, the last of which was completed by March 3, 2023.
3962	Pipeline Construction	NEB	Trans Mountain commits to filing a summary of the following information with the Board, as and when it becomes available in August 2017 or thereafter, and prior to commencing any camp site activity in Spreads 3, 4, and 5A: the finalized camp site location in Clearwater, BC; and confirmation that the lease agreements for the Valemount, Clearwater and Merritt camps and the permit/License of Occupation for the Blue River camp, have been received.	NEB Cond IR No. 49.1	Project Lifecycle	Complete	Superseded by CER Condition	59	Trans Mountain provided the final camp site location in Clearwater, BC in the IR No. 49 Follow Up on August 24, 2017 (CER Filing ID A85640-3), and Table 4 of the Worker Accommodation Strategy (CER Filing ID A85812) lists the lease agreements for Valemount, Clearwater and Merritt camps. Details on the land licenses and agreements obtained for the Blue River camp were provided to the CER/NEB on June 7, 2018 (CER Filing ID A92359)
3969	Pipeline Construction	NEB	Trans Mountain commits to placing warning signs up and downstream of all freshwater navigable waterway crossings during construction, that are 1.2 x 1.2 metres in size, at the minimum distance set out Table 9.2. of the response to NEB Condition IR No 9.6.	NEB Cond IR No. 9.5	During Construction	Complete	Superseded by CER Condition	48	Navigation and Navigation Safety Plan filed under Condition 48 including with this signage provision (Filing ID A90948-3 at PDF Page 86).
3970	Pipeline Construction	NEB	Trans Mountain commits to, at locations where the pipeline crosses a navigable waterway that potentially support commercial marine traffic, placing signs at the crossing site, post-construction, that indicate the presence of the pipeline crossing and include a "No Anchorage" and "No Dredging" warning.	NEB Cond IR No. 9.5	Prior to Operations	Complete	Superseded by CER Condition	48	Navigation and Navigation Safety Plan filed under Condition 48 including with this signage provision (Filing ID A90948-3 at PDF Page 86).
3979	Pipeline Construction	Natural Resources Canada	A pre-construction timber cruise will be completed to determine the economically operable and merchantable timber volume for the construction right-of-way, and during the timber cruise, areas	GoC NRCAN IR No. 1.09.1	During Construction	Complete			Timber salvage operations are being conducted in accordance with the Timber Salvage Plan filed and accepted under Condition 72 (reference Filing IDs A90966-12, A91896, and A99378). Trans Mountain is following

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			along the construction right-of-way with forest health concerns or activity will be identified and mapped, for Spread 2.						appropriate provincial protocols for the advance estimation of merchantable timber and the securing of cutting authorizations.
3980	Pipeline Construction	Natural Resources Canada	A pre-construction timber cruise will be completed to determine the economically operable and merchantable timber volume for the construction right-of-way, and during the timber cruise, areas along the construction right-of-way with forest health concerns or activity will be identified and mapped, for Spread 3.	GoC NRCan IR No. 1.09.1	Prior to Construction	Complete	Superseded by CER Condition	72	Timber salvage operations are being conducted in accordance with the Timber Salvage Plan filed and accepted under Condition 72 (reference Filing IDs A90966-12). Trans Mountain is following appropriate provincial protocols for the advance estimation of merchantable timber and the securing of cutting authorizations. Table 4 and Table 5 (PDF pg 11) provide Timber Salvage Volume Estimates in both Alberta and BC. C72 Timber Salvage, Section 5 (PDF pg 13) Detailed guidance on Forest Health concerns can be found in the Managed Forest Areas and Forest Health Technical Report (Volume 5D of the ESA) C72 EPP Appendix G, Section 5.1 "Forest Health" #9. During the pre-construction timber cruise, identify and map areas with bark beetle activity or other forest health concerns. The forest health information collected will be listed in the harvesting site plan prepared by a qualified professional. (CER Filing ID C20382)
3981	Pipeline Construction	Natural Resources Canada	A pre-construction timber cruise will be completed to determine the economically operable and merchantable timber volume for the construction right-of-way, and during the timber cruise, areas along the construction right-of-way with forest health concerns or activity will be identified and mapped, for Spread 4.	GoC NRCan IR No. 1.09.1	Prior to Construction	Complete	Superseded by CER Condition	72	Timber salvage operations are being conducted in accordance with the Timber Salvage Plan filed and accepted under Condition 72 (reference Filing IDs A90966-12). Trans Mountain is following appropriate provincial protocols for the advance estimation of merchantable timber and the securing of cutting authorizations. Table 4 and Table 5 (PDF pg 11) provide Timber Salvage Volume Estimates in both Alberta and BC. C72 Timber Salvage, Section 5 (PDF pg 13) Detailed guidance on Forest Health concerns can be found in the Managed Forest Areas and Forest Health Technical Report (Volume 5D of the ESA) C72 EPP Appendix G, Section 5.1 "Forest Health" #9. During the pre-construction timber cruise, identify and map areas with bark beetle activity or other forest health concerns. The forest health information collected will be listed in the harvesting site plan prepared by a qualified professional. (CER Filing ID C20382)
3982	Pipeline Construction	Natural Resources Canada	A pre-construction timber cruise will be completed to determine the economically operable and merchantable timber volume for the construction right-of-way, and during the timber cruise, areas along the construction right-of-way with forest health concerns or activity will be identified and mapped, for Spread 5A.	GoC NRCan IR No. 1.09.1	Prior to Construction	Complete	Superseded by CER Condition	72	Timber salvage operations are being conducted in accordance with the Timber Salvage Plan filed and accepted under Condition 72 (reference Filing IDs A90966-12). Trans Mountain is following appropriate provincial protocols for the advance estimation of merchantable timber and the securing of cutting authorizations. Table 4 and Table 5 (PDF pg 11) provide Timber Salvage Volume Estimates in both Alberta and BC. C72 Timber Salvage, Section 5 (PDF pg 13) Detailed guidance on Forest Health concerns can be found in the Managed Forest Areas and Forest Health Technical Report (Volume 5D of the ESA) C72 EPP Appendix G, Section 5.1 "Forest Health" #9. During the pre-construction timber cruise, identify and map areas with bark beetle activity or other forest health concerns. The forest health information collected will be listed in the harvesting site plan prepared by a qualified professional. (CER Filing ID C20382)
3983	Pipeline Construction	Natural Resources Canada	A pre-construction timber cruise will be completed to determine the economically operable and merchantable timber volume for the construction right-of-way, and during the timber cruise, areas along the construction right-of-way with forest health concerns or activity will be identified and mapped, for Spread 5B.	GoC NRCan IR No. 1.09.1	Prior to Construction	Complete	Superseded by CER Condition	72	Timber salvage operations are being conducted in accordance with the Timber Salvage Plan filed and accepted under Condition 72 (reference Filing IDs A90966-12). Trans Mountain is following appropriate provincial protocols for the advance estimation of merchantable timber and the securing of cutting authorizations. Table 4 and Table 5 (PDF pg 11) provide Timber Salvage Volume Estimates in both Alberta and BC. C72 Timber Salvage, Section 5 (PDF pg 13) Detailed guidance on Forest Health concerns can be found in the Managed Forest Areas and Forest Health Technical Report (Volume 5D of the ESA) C72 EPP Appendix G, Section 5.1 "Forest Health" #9. During the pre-construction timber cruise, identify and map areas with bark beetle activity or other forest health concerns. The forest health information collected will be listed in the harvesting site plan prepared by a qualified professional. (CER Filing ID C20382)
3984	Pipeline Construction	Natural Resources Canada	A pre-construction timber cruise will be completed to determine the economically operable and merchantable timber volume for the construction right-of-way, and during the timber cruise, areas along the construction right-of-way with forest health concerns or activity will be identified and mapped, for Spread 6.	GoC NRCan IR No. 1.09.1	Prior to Construction	Complete	Superseded by CER Condition	72	Timber salvage operations are being conducted in accordance with the Timber Salvage Plan filed and accepted under Condition 72 (reference Filing IDs A90966-12). Trans Mountain is following appropriate provincial protocols for the advance estimation of merchantable timber and the securing of cutting authorizations. Table 4 and Table 5 (PDF pg 11) provide Timber Salvage Volume Estimates in both Alberta and BC. C72 Timber Salvage, Section 5 (PDF pg 13) Detailed guidance on Forest Health concerns can be found in the Managed Forest Areas and Forest Health Technical Report (Volume 5D of the ESA) C72 EPP Appendix G, Section 5.1 "Forest Health" #9. During the pre-construction timber cruise, identify and map areas with bark beetle activity or other forest health concerns. The forest health information collected will be listed in the harvesting site plan prepared by a qualified professional. (CER Filing ID C20382)
4024	Pipeline Construction	NEB	Trans Mountain commits to placing warning signs up and downstream of all freshwater navigable waterway crossings during construction, that are 1.2 x 1.2 metres in size, at the minimum distance	NEB Cond IR No. 9.5	During Construction	Complete	Superseded by CER Condition	48	Warning signs have been placed up and downstream of the freshwater navigable waterway crossings as per the Navigation and Navigation Safety

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			set out Table 9.2. of the response to NEB Condition IR No 9.6.						Plan filed under Condition 48 (Filing ID A90948).
4483	Pipeline Construction	Cedar Springs Strata Corporation	Trans Mountain commits to restoring the proposed pipeline right-of-way to pre-construction grades and profiles to the extent practical to maintain natural drainage patterns. Trans Mountain will employ any temporary erosion control devices (e.g., sediment fencing, berms, mulch, matting, etc.) to minimize any soil erosion.	Cedar Springs Strata Corporation Preliminary (P) IR No 1.03c	During Construction	Complete			Construction across the Cedar Springs area is finished. Grading and erosion control was completed to the satisfaction of the Cedar Springs Strata Corporation.
4493	Pipeline Construction	NEB	Trans Mountain commits to reversing the modified Watercourse Diversion work in the event detailed route proceedings for Segment 7.7 result in changes to the Westridge Marine Terminal Portal Site.	Request re: Westridge Tunnel Portal Site Watercourse Diversion Certificate OC-65	During Construction	Complete			CER approved Segment 7.7 on November 19, 2019 under Order OPL-003-2019 (Filing ID: C03092-1).
4494	Pipeline Construction	Landowner - Sugarloaf Ranches Ltd., KGHM Ajax Mining Inc.	Trans Mountain commits to working with Sugarloaf Ranches Ltd. and KGHM Ajax Mining Inc. during construction to establish access plans to minimize disruption from construction activities in a safe manner. All construction activities will follow the Project Safety Plans for the safety of workers and the public in direct proximity to work zones. This will include securing the construction site to prevent unauthorized or unintended access by the public which may expose them to work related hazards.	CER Route Hearing Decision p. 14	During Construction	Complete			In association with the PPBoR process, Sugarloaf Ranches Ltd., and KGHM Ajax Mining Inc. consented to the revised route and stated that they had no objection to the regulatory approval of the revised route (Filing ID C17686 PDF pg 4 #13). The safety aspects of the commitment are addressed in the Bothar Project-Specific Safety Plan that was filed under Condition 64 (Filing ID C17752 Section 1.2 and 2.4.5).
4533	Pipeline Construction	Landowner - Robin Scory	In the event it is required, Trans Mountain commits to conducting further onsite investigation and implement additional buoyancy control measures such as geotextile bag weights or screw anchors.	Detailed Route Hearing, CER Decision, pg. 8	Prior to Construction	Complete			Consistent with CSA Z662 requirements (Clause 4.12.4), weights, screw anchors, or other means, are to be used to maintain the position of pipelines under anticipated conditions of buoyancy and water motion. In this connection, Trans Mountain has a Buoyancy Control Design Basis for determining the need for implementation of buoyancy control measures on a case specific basis.
4538	Pipeline Construction	Landowner - Redwoods Golf Course Ltd. (Redwoods)	Trans Mountain commits to ensuring access designs will include all appropriate signage to allow construction vehicles to use the access safely. Traffic Control Personnel will manage traffic and direct pedestrians and cyclists on the roadway areas when allowing construction vehicle access.	Detailed Route Hearing, Written Evidence (para 27)	During Construction	Complete			The Traffic and Access Control Management Plan that Trans Mountain filed under Condition 73 has provisions relating to "Pedestrian and Cyclist Accommodations" and "Construction Vehicle, and Equipment Access and Egress" (Filing ID A84149-2 Section 5.6 and 5.9). The Traffic Control Plan for Spread 7A also includes details on access for construction vehicles and signage for pedestrian traffic.
4560	Pipeline Construction	Landowner - Christine Bloom	Trans Mountain commits to using a Heavily Restricted Footprint on the Lands to minimize the impacts on Landowner's use and enjoyment of her home and property to the extent possible.	Detailed Route Hearing Decision (pg. 34) (C13839)	During Construction	Complete			Trans Mountain engaged with the landowner on pre construction details (May 30, 2022) which included providing the details on the footprint of construction on her property.
4562	Pipeline Construction	Landowner - Rudolf Enns	Trans Mountain commits to addressing any shallow groundwater concerns during construction.	Detailed Route Hearing, Written Argument (para 7)	During Construction	Complete	Superseded by CER Condition	72	The geotechnical and pipeline engineering resources were engaged to review the subsurface conditions and their review determined that no buoyancy control measures were required for the pipeline. Construction at the Enns property (KP 1100.409) has changed to an approximately 281m Direct Pipe tunneling under the South Vedder Dyke Trail. Any shallow groundwater that is encountered will be mitigated as per Condition 72 (CER Filing ID A86565-11) Groundwater Management Plan.
4563	Pipeline Construction	Landowner - Yarrow Ecovillage	Trans Mountain commits to working with the Landowner Yarrow Ecovillage during construction to arrange for access to the Lands while complying with the safety requirements for the Project.	Detailed Route Hearing, Written Evidence	During Construction	Complete			Two existing access routes on the property were crossed using trenchless (bore) method to maintain access across the pipeline easement throughout the construction phase.
4572	Pipeline Construction	Landowner - City of Chilliwack	To reduce and mitigate impacts on homes and properties between Watson Elementary School and Deerfield Crescent, Trans Mountain commits to treating construction activities over the Sardis-Vedder Aquifer as a water crossing.	Detailed Route Hearing, Letter Decision (pg. 45)	During Construction	Complete			Construction of the pipeline over the Sardis-Vedder Aquifer included mitigative measures similar to those used for water crossings, including installation of heavy wall pipe, increased depth of cover, addition of valves upstream and downstream of the crossing and use of biodegradable hydraulic fluid in heavy equipment.
4573	Pipeline Construction	District Parent Advisory Council (DPAC), Landowner - Chilliwack School District #33 (Board of Education)	In the event that Trans Mountain determines that construction cannot be completed within the proposed timing of summer 2022, Trans Mountain commits to working with the School District to provide paths open for students and other persons to safely access the school. In the event that only one of the paths from Arlington Drive or Balmoral Park remains open, Trans Mountain commits to providing signs to the Watson Elementary School work site to indicate the detour to ensure that students and other persons are aware of the closures and safe access through the construction site.	Detailed Route Hearing, Letter Decision (para 34)	During Construction	Complete			Construction in the Watson Elementary School area was completed and access to the school was fully opened before school started on Sept 5, 2022.
4574	Pipeline Construction	Landowner - City of Chilliwack	Trans Mountain commits to constructing affected sections using a narrower Heavily Restricted Construction Footprint model. Through these restricted footprint areas, shored trench and stove pipe construction methodologies will be employed as required to safely execute construction.	Detailed Route Hearing, Decision Letter (pg. 45)	During Construction	Complete			This commitment refers to construction in the area between Watson Elementary School and Deerfield Crescent in the City of Chilliwack, BC. Trans Mountain minimized the footprint, shored the trench and used stove pipe construction methods to the extent practicable to safely execute the construction in the area. Note: as per the source of the Commitment, this was for "constructing affected sections using a narrower Heavily Restricted Construction Footprint model" not "seasons".
4575	Pipeline Construction	Landowner - City of Chilliwack	To reduce and mitigate impacts on homes and properties between Watson Elementary School and Deerfield Crescent, Trans Mountain commits to developing site-specific construction execution plans before starting construction activities.	Detailed Route Hearing, Letter Decision (pg. 45)	Prior to Construction	Complete			The site specific work plan has been developed providing details on the construction plans for the properties between Watson Elementary School and Deerfield Crescent.
4577	Pipeline Construction	District Parent Advisory Council (DPAC), Landowner -	As part of its standard construction safety measures, Trans Mountain commits to using a semi-permanent chain link fence to delineate the work site at Watson Elementary School and protect the	Detailed Route Hearing, Written	Prior to Construction	Complete			The entire work zone was fenced with gates that were locked at the end of each day. GCC put up signs for no trespassing and additional signs were

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		Chilliwack School District #33 (Board of Education)	public. Fencing will be installed along all boundaries of the site, with locked vehicle gates at each road crossing for construction access. This fence will be a minimum of 6 feet or 1.8 metres high, with buried posts, and man gates installed at regular intervals to ensure proper access and egress in case of emergency. Clear warning signage will be installed along the fence perimeter.	Evidence (para 53)					added at key locations. A surveillance tower was placed at both the Watson School site and the Vedder School site for the entire time. Also, roving security guard who focused on the area between the Vedder School and the Watson School. This guard was present at night. During the night shift and on Sundays the guard ensured that all access gates remained locked.
4578	Pipeline Construction	District Parent Advisory Council (DPAC), Landowner - Chilliwack School District #33 (Board of Education)	Trans Mountain commits to having night security to monitor the Watson Elementary work site and deter public entry into the work area afterhours. All gates and vehicles will be locked when construction personnel are not present in the work area.	Detailed Route Hearing, Written Evidence (para 53)	During Construction	Complete			Trans Mountain confirms that night security monitored the Watson Elementary work site.
4583	Pipeline Construction	District Parent Advisory Council (DPAC), Landowner - Chilliwack School District #33 (Board of Education)	The Aquifer has been identified as a High Consequence Area and Trans Mountain commits to limiting trenching of pipe ditches for open trench construction to the dry season.	Detailed Route Hearing, Written Evidence (para 48)	During Construction	Complete			The Sardis-Vedder Aquifer area of concern area was defined in the Detailed Route Hearing with the City of Chilliwack as between Watson Road and Silverthorne Road (nominally 1.9 km between KP 1095 to 1097). The majority of open trench construction in this area occurred during the dry season (late May to September). The remaining open trench construction consisted of wing sections for the Tyson Rd bore which was conducted during dry/frozen conditions in late December 2022.
4586	Pipeline Construction	Landowner - City of Chilliwack	Trans Mountain commits to installing the Fibre-Optic System via conduits (two micro-ducts) placed on the pipe along the TMEP pipeline during construction. These conduits will separately house the leak detection sensing fibers and the data transmission fibers. In the case of trenchless crossings, several redundant conduits will be installed to help ensure successful installation of the conduit. Junction boxes are located at regular intervals along the pipeline.	Detailed Route Hearing, Round 1, IR No 1.33	During Construction	Complete	Superseded by CER Condition	115	Trans Mountain's intention to install a fibre-optic leak detection system was confirmed in the report that was filed under Condition 115(a) on August 29, 2019 (CER Filing ID C01376). This was acknowledged and accepted in Letter Report No. 131 (CER under filing C18898).
4588	Pipeline Construction	Landowner - City of Chilliwack	The Sardis-Vedder Aquifer has been identified as a High Consequence Area in Trans Mountain's risk-based design and, as such, Trans Mountain commits to limiting trenching of pipe ditches for open trench construction to the dry season.	Detailed Route Hearing, City of Chilliwack Supplemental Evidence (para 21)	During Construction	Complete			The Sardis-Vedder Aquifer area of concern area was defined in the Detailed Route Hearing with the City of Chilliwack as between Watson Road and Silverthorne Road (nominally 1.9 km between KP 1095 to 1097). The majority of open trench construction in this area occurred during the dry season (late May to September). The remaining open trench construction consisted of wing sections for the Tyson Rd bore which was conducted during dry/frozen conditions in late December 2022.
4589	Pipeline Construction	District Parent Advisory Council (DPAC), Landowner - Chilliwack School District #33 (Board of Education), Landowner - City of Chilliwack	In the highly unlikely event that Trans Mountain determines that construction cannot be completed within the Proposed Timing once construction activities have begun, Trans Mountain will secure and monitor the Site to ensure that it cannot be accessed by students and defer construction to an alternate timing.	CER Information Request No. 1: Chilliwack Board of Education and the District Parent Advisory Council (Chilliwack)	During Construction	Complete			Since construction activities were completed in September 2022, the site was secured with fencing, and on-site 24 hour security (CER Filing ID C20829-1)
4590	Pipeline Construction	District Parent Advisory Council (DPAC), Landowner - Chilliwack School District #33 (Board of Education)	Trans Mountain commits that the areas at Watson Elementary School identified as "Workspace" and "Extra Workspace" in Appendix B-3 to Trans Mountain's Written Evidence (Filing ID C04978) will be affected during the Proposed Timing only.	Detailed Route Hearing, City of Chilliwack Board of Education Response to IR No. 1.13 DPAC	During Construction	Complete			Trans Mountain through variance applications to the CER and consultation with DPAC, Chilliwack School District, and City of Chilliwack, extended the construction window from end of August to September 5 (CER file ID C20156 - CER approval file ID C20558) and an additional request was filed to extend construction to September 11 for clean up work (CER file ID C20829 - CER approval file ID C20865).
4615	Pipeline Construction	CER	The Risk Assessment applies to the Coldwater Alternative Route. Trans Mountain commits to implementing additional third-party damage control measures on all 14 100-m segments identified in the Pipeline Risk Assessment in an attempt to reduce risk to levels below the ALARP risk threshold (namely, the use of buried marker tape, and increased depth of cover to a minimum level of 1.2 m). All third-party damage control measures described in the Pipeline Risk Assessment will also be implemented during detailed design for the 9 segments identified in the Pipeline Risk Assessment as being susceptible to third-party damage. The Risk Assessment applies to the Coldwater Alternative Route.	Coldwater Western Alternative Route, Variance Application, Response to IR No. 2.3 a)	During Construction	Complete			The third-party damage control measures described in the West Alternative Route Pipeline Risk Assessment report (C10954) were included in the detailed design of the 14 segments identified as being sensitive to third-party damage. These measures were included in 'Issued for Construction' Engineering Alignment Sheets filed for the West Alternative Route (C14531). The control measures included increased depth of cover, buried marker tape and heavy wall pipe design. Sheets PA03203 (AK 0+000 TO AK 3+200) and PA03207 (AK 12+300 TO AK 15+300) include all segments requiring additional control measures to address third party damage risk.
19	Pipeline Engineering	City of Abbotsford	Trans Mountain commits to a trenchless crossing of Sumas Mountain Road. If trenchless method is unsuccessful, Trans Mountain commits to consult and coordinate activities with the City of Abbotsford to install the crossing on a low traffic day such as a Sunday to keep disruption at this location to a minimum.	City of Abbotsford IR No. 1.02b	During Construction	Complete			
23	Pipeline Engineering	City of Abbotsford	Trans Mountain will bore under paved and high-use roads, where practical. Where minor roads are crossed that may affect established community use/access routes, Trans Mountain will complete open cut crossing within one day, to the extent practical.	City of Abbotsford IR No. 1.01c	Prior to Construction	Complete			Trans Mountain's road crossing program is being advanced in adherence to these base principles. Crossing approaches are reflected in the alignment sheets that are being provided under Condition 104, with further detail being provided at the project level in crossing lists and site-specific drawings.
35	Pipeline Engineering	City of Abbotsford	Trans Mountain commits to working with the City of Abbotsford and the BC Dyking Authority in developing a detailed construction plan with respect to the dykes, should the Sumas River be constructed via the isolate and trench method.	City of Abbotsford IR No. 2(c).01	Prior to Construction	Complete	Superseded by CER Condition		Trans Mountain secured a permit from the Dike Authority on August 27, 2021 and notified the City of Abbotsford.
64	Pipeline Engineering	NEB	Where a trenchless crossing is unsuccessful or not feasible and a trenched (i.e., isolated if water present/open cut if dry or frozen to the bottom) installation is necessary, Trans Mountain will engage a geotechnical engineer regarding additional mitigation measures to prevent and control terrain instability, as needed, during construction.	Application Volume 5A, 7-16.	During Construction	Complete	Superseded by CER Condition	51	Associated protocols set out in the Field Changes Manual for Geohazard Mitigation filed and accepted under Condition 51 (Filing ID A83057 & A93587)

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68	Pipeline Engineering	NEB	As a general principle, Trans Mountain will avoid physical disturbances to highways or major roads with high community use. Any minor roads that impact community use or access will be crossed in one day using an open cut method to minimize community effects.	Application Volume 5B, 7-132.	During Construction	Complete	Superseded by CER Condition	73, 104	Condition 73 pertains to traffic control plans for public roadways. Under this Condition, Trans Mountain has filed a Traffic and Access Control Management Plan and a large series of location specific Traffic Control Plans. The overall philosophy of the Traffic Management Strategy is to consider the preservation of mobility and of safety to the travelling public and workers (CER Filing ID A84149-2 PDF pg 22).
71	Pipeline Engineering	NEB	Trans Mountain will bore under paved and high use roads where any physical disturbance would be more than a nuisance.	Application Volume 5B, 8-62.	During Construction	Complete	Superseded by CER Condition	73, 104	Crossing methodologies for all major road/highway crossings shown on engineering alignment sheets being filed under Condition 104. Traffic control plans being filed under Condition 73 for any such crossing requiring an open cut method.
76	Pipeline Engineering	NEB	Trans Mountain will implement a range of measures to reduce disturbance to community assets and events. Key mitigation measures include: avoiding important community features and assets during right-of-way finalization, narrowing the right-of-way in select areas, scheduling construction to avoid important community events where possible, communication of construction schedules and plans with community officials, and other ongoing consultation and engagement with local and Aboriginal governments.	Application Volume 5B, 7-55.	Prior to Construction	Complete	Superseded by CER Condition	13, 14, 49, 59, 62, 73	This commitment cuts across many conditions (e.g. 13, 14, 49, 59, 62, 73) and goes to the very core of project planning and execution processes and related stakeholder and Indigenous engagement efforts.
79	Pipeline Engineering	NEB	Hydrostatic testing (i.e., pressure testing using water) will be used to verify the pipeline integrity after welding is complete. At major watercourse crossings, pipe sections will be pretested before installation. Water will be drawn from suitable sources and returned to the appropriate watersheds in accordance with permit requirements. To minimize the total amount of water withdrawn for test purposes, where practicable, water will be moved along the pipeline segments for reuse in multiple tests. Upon successful test completion, the test sections will be dewatered using pigs (foam or rubber sealing plugs) propelled through the pipeline by compressed air.	Pre-Application Project Description, p 19.	During Construction	Complete	Superseded by CER Condition	112, 113	Pressure testing specifications and hydrostatic testing plans are being filed under Conditions 112 and 113.
96	Pipeline Engineering	NEB	A photographic report of the three campaigns will be provided as part of Technical Update #2, including relevant photographs with descriptions, showing representative terrain and potential Geohazard in each physiographic region along the proposed route, in support of the findings of the Terrain Mapping and Geohazard Inventory Report. Commitment to reissue the Terrain report and map legend incorporating the above corrections as part of Technical Update #2.	NEB IR No. 2.096	Prior to Construction	Complete	Superseded by CER Condition	16	Subject information filed in conjunction with Technical Update #2 on August 22, 2014 (Filing ID A62401, B265-7 through B256-19).
99	Pipeline Engineering	NEB	Trans Mountain will attempt to identify problematic conditions prior to the commencement of excavation at all trenched watercourse crossings.	NEB IR No. 4.08a	Prior to Construction	Complete	Superseded by CER Condition	51	Open-cut watercourse crossings are within the scope of the Field Changes Manual for Geohazard Mitigation filed under Condition 51 on May 1, 2017 (Filing ID A83057).
123	Pipeline Engineering	Township of Langley	Trans Mountain will engage with the Township of Langley to identify existing infrastructure and future infrastructure growth plans.	Langley IR No. 1.12a	Prior to Construction	Complete	Superseded by CER Condition	14, 49	Trans Mountain has been engaging with the Township of Langley through the TWG mechanism and also through associated technical discussions. Existing infrastructure has been identified and future infrastructure growth plans have been considered to the extent they are known. Crossing designs have been developed and an overall TMEP Crossing Agreement has been signed with the Township of Langley.
130	Pipeline Engineering	Adams Lake Indian Band	In the event that it may be necessary to disturb Potentially Acid Generating (PAG) material during the construction phase of the Project, an Acid Rock Drainage Management Plan (refer to Appendix C of Volume 6B) will be developed prior to construction to ensure that the receiving environment (including fish and fish habitat) is not adversely impacted.	ALIB IR No. 1.3.16c	Prior to Construction	Complete	Superseded by CER Condition	72	Metal Leaching and Acid Rock Drainage Management Plan provided as Section 4.1 of the Environmental Protection Plan filed on June 1, 2017 (Filing ID A84106, A5Q719). Further updates were provided on March 11, 2021 (C11917) and October 7, 2021 (C15325). Further information can be found in IR 80 filed on December 20, 2021 (C16914), and IR 81 filed on February 1, 2022 (C17529).
131	Pipeline Engineering	Ashcroft Indian Band, Asini Wachi Nehiyawak Traditional Band, Burnaby Residents Opposing Kinder Morgan Expansion - BROKE, Chris Amy, City of Abbotsford, City of Burnaby, City of Coquitlam, City of Port Moody, City of Surrey, Dorothy Doherty, Edmonton & Area Land Trust, Environment Canada, Fraser Valley Regional District, Kwantlen First Nation, Living Oceans Society, NEB, Neskonlith Indian Band, New Democratic Party of Canada, Province of British Columbia, Robyn Allan, Simpcw First Nation, Strata NW 313, T. Buck Suzuki Environmental Foundation, Township of Langley, Upper Nicola Band	Trans Mountain will submit to the NEB the completed risk assessment for Line 2 in Q3 2014.	NEB IR No. 1.81a, Allan R IR No. 1.17o, Allan R IR No. 1.17p, Amy C IR No. 1.3y, Ashcroft IB No. 1.3.4.f, Ashcroft IB No. 1.3.4.f, BROKE IR No. 1.5d, City of Abbotsford - Attachment - Table, City of Abbotsford IR No. 1.14a, City Burnaby IR No. 1.07.14 i	Prior to Construction	Complete	Superseded by BC EAO	35	The completed risk assessment for Line 2 was filed in conjunction with Technical Update #1 on August 1, 2014 (Filing ID A62083, B248-18). This aspect was also later addressed in the pipeline risk assessment literature filed under Condition 15 on March 1, 2017 (Filing ID A81928).

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133	Pipeline Engineering	City of Abbotsford	Graphs will be provided of spill volumes and valves in relation to High Consequence Areas (HCAs) with the Technical Update No. 1 on August 1, 2014.	Trans Mountain response to City of Abbotsford IR motion - IR No. 1.12c	Prior to Construction	Complete	Superseded by CER Condition	17	The subject information was provided in Technical Update #1 dated August 1, 2014 (Filing ID A62087, B248-23). This form of information also entered into the Line 2 Valve Locations Report filed under Condition 17 (A81943).
134	Pipeline Engineering	City of Abbotsford	Trans Mountain will provide a description of the relationship between depth of cover and the potential for 3rd Party Damage in the risk report that will be submitted in Q3 2014.	City of Abbotsford IR No. 1.12b	Prior to Construction	Complete			Pipeline Risk Assessment Report filed as part of Technical Update #1 on August 1, 2014 (Filing ID A62087, B248-18). Third party damage risk addressed in Section 3.3 of Risk Assessment Support Document (starting at PDF Page 45).
139	Pipeline Engineering	City of Abbotsford, City of Vancouver	A risk assessment for Line 2 will be filed with the Technical Update No. 1 on August 1, 2014.	City of Abbotsford Attachment - Table 1.12 (a) and (b), City of Vancouver - Attachment - Table	Prior to Construction	Complete			Line 2 Preliminary Risk Results Report filed in conjunction with Technical Update #1 on August 1, 2018 (Filing ID A62087, B248-18). Pipeline Risk Assessment Report for Line 2 was later filed under Condition 15 on March 1, 2017 (Filing ID A81928).
143	Pipeline Engineering	City of Burnaby	The feasibility report for horizontal directional drilling (HDD) would be available in early Q4, 2014, and in time for the next round of NEB IR's on December 18, 2014. Trans Mountain would willingly meet with the City of Burnaby ahead of submitting the report to the NEB to share the results and alignment if the HDD or tunnel option is deemed technically feasible.	City Burnaby IR No. 1.33.29h	Prior to Construction	Complete			Condition 49: Technical Working Group Report, April 13, 2017, Table 5.1, Page 21; TM Response to City of Burnaby comment re: lack of engagement. (Filing ID: A82625).
144	Pipeline Engineering	City of Burnaby	The quality management plan will be developed during the detailed engineering and design phase as per Section 2.7, Volume 4A in Application.	City Burnaby IR No. 1.34.04b	Prior to Construction	Complete	Superseded by CER Condition	9	Quality management plan filed under Condition 9 (A81598, A90921 and related submissions) and addressed through NEB Letter Report No. 18 (A92676).
148	Pipeline Engineering	City of Burnaby	Trans Mountain will commit to consult with the City of Burnaby when the pipeline is adjacent or crossing over City utilities to mutually agree on separation distances so that the City can access its mains for operations purposes.	City Burnaby IR No. 1.33.15a	Prior to Construction	Complete	Superseded by CER Condition	14, 49	Trans Mountain has engaged with the City of Burnaby on this subject and executed a broad based crossing agreement including in relation to utility crossings.
149	Pipeline Engineering	City of Burnaby	Trans Mountain will consider extra depth of cover on the Line 2 pipeline on a site-specific basis in considering any planned installations of engineered road structures by the City of Burnaby.	City Burnaby IR No. 33.16n, pg. 541	During Construction	Complete			Trans Mountain will follow the pipeline depth of cover provisions set out in the CSA Z662-19 standard and its own specifications and will consider extra cover based on site-specific circumstances and detailed engineering considerations. Condition 104 filing of Spread 7 Alignment Sheets (C17192) and CER Letter Report approval has been provided (C06642).
150	Pipeline Engineering	City of Burnaby	Trans Mountain will consult with all existing infrastructure owners and endeavour to mitigate any future infrastructure conflicts or impediments.	City Burnaby IR No. 1.33.08e; NEB Route Hearing TMEP Evidence Seg 7 Burnaby	Prior to Construction	Complete	Superseded by CER Condition	14, 49	Trans Mountain has successfully negotiated a comprehensive crossing agreement with the City of Burnaby. These negotiations took into account steps to mitigate any future infrastructure conflicts or impediments.
152	Pipeline Engineering	City of Burnaby	Trans Mountain will determine final crossing procedures in consultation with City of Burnaby and BC Ministry of Transport and Infrastructure during the detailed engineering and design phase of the Project.	City Burnaby IR No. 1.43.03c	Prior to Construction	Complete	Superseded by CER Condition	14, 49	Trans Mountain has worked with City of Burnaby on a crossing agreement. A final pipeline crossing permit has been reviewed and approved by BC Ministry of Transport and Infrastructure. A final pipeline crossing agreement was signed by City of Burnaby on June 10 2021
157	Pipeline Engineering	City of Coquitlam	The City of Coquitlam will be consulted to ascertain site specific design considerations at each culverted watercourse crossing.	City of Coquitlam IR No. 1.C.1c	Prior to Construction	Complete	Superseded by CER Condition	14, 49	Trans Mountain has provided drawings and received feedback from the City of Coquitlam. Final approval for the crossings has been acquired.
158	Pipeline Engineering	City of Coquitlam	Trans Mountain is continuing to investigate the crossing and will provide an update on routing in the Fraser River crossing area in Technical Update No. 1, to be submitted to the NEB in Q3 2014. The update will include additional information and a map of the proposed and alternative corridors being considered.	City of Coquitlam IR No. 1.A.1	Prior to Construction	Complete			Technical Update No. 1 was filed on August 8, 2014 (A62088), complete with a pipeline corridor revision for the Fraser River Crossing (see in particular Figure 2.2-15 in B248-17 or A3Z8G0 PDF pg 9).
159	Pipeline Engineering	City of Coquitlam	Trans Mountain is prepared to: • work with municipalities in the planning and engineering, and detailed design to accommodate future growth and minimize potential future impacts to existing infrastructure; • pay for reasonable costs to inspect, relocate if needed, and protect their infrastructure during pipeline construction; • work with the municipalities to fulfill federal requirements for pipeline protection including ground disturbance measures imbedded in the NEB crossing regulations; and • construct the Project, and operate it and the existing pipeline in accordance with practices and procedures that are consistent with all other utility service and development infrastructure.	City of Coquitlam IR No. 1.F.4 City of Coquitlam IR No. 1.F.5 City of Coquitlam IR No. 1.F.6b	Project Lifecycle	Complete	Superseded by CER Condition	14, 49	These matters are addressed within the scope of the Technical Working Groups (TWG) established under Condition 49. Moreover, Trans Mountain follows the protocols and requirements set forth under the CER Damage Prevention Regulations.
160	Pipeline Engineering	Fraser Valley Regional District	Trans Mountain will work with the Fraser Valley Regional District (FVRD) in applying for all permits to undertake such work. In addition, FVRD will be provided an opportunity to review and comment on the terms of reference for a site specific study of the Popkum-Bridal Falls area, however the scope and terms of engagement of the study will remain the purview of the Project.	FVRD IR No. 1.35c	Prior to Construction	Complete			Trans Mountain submitted on October 21, 2015 to the Fraser Valley Regional District (FVRD) a letter along with a report that represents Geohazard Inventory and Terrain Stability Mapping within Ted Creek to Bridal Falls area along the TMEP alignment, as part of the commitment to work together with FVRD on better understanding the Bridal Falls geotechnical landscape.
161	Pipeline Engineering	Natural Resources Canada	Trans Mountain will implement weld toughness testing of submerged arc welds at minus 5 degrees Celsius (-5C) temperature.	GoC NRCan IR No. 1.10.02b	Prior to Construction	Complete	Superseded by CER Condition	111	The associated weld toughness testing has been carried out at the pipeline manufacturing facilities with testing documentation provided.
166	Pipeline Engineering	Natural Resources Canada	The Trans Mountain Coating Specifications will be updated during the Detailed Engineering and Design Phase of the Project and will incorporate the requirements of the latest edition of the relevant CSA coating standards at that time.	GoC NRCan IR No. 1.10.6c	Prior to Construction	Complete			Two-Part Liquid Shop Applied Coating Specification (Document #TMEP-GC0336, Rev 3) and PBE FBE Plant Applied Coating Specification (Document #TMEP-GC3105, Rev 10) updated in 2019. CSA Z662-19 and CSA Z245-18 standards referenced.

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169	Pipeline Engineering	Katzie First Nation	Trans Mountain will not take or remove any land from Surrey Bend Regional Park. Trans Mountain will seek to acquire an easement for the installation and operation of a buried pipeline from the Park authority. Ownership of the land will remain with the Park authority.	Katzie FN IR No. 1.02a	Prior to Construction	Complete	Superseded by CER Condition	7	On March 17, 2017, Trans Mountain filed a report under Condition 7 entitled "South Fraser Perimeter Road Route Realignment (Avoiding Surrey Bend Regional Park) Environmental and Socio-Economic Assessment" (Filing ID A82140).
171	Pipeline Engineering	Metro Vancouver	Trans Mountain will reduce that width to a negotiated minimum, provided that safe operation and maintenance of the new proposed pipeline can be ensured, in locations of restricted right-of-way opportunity.	Metro Vancouver IR No. 1.1.2.01b	Prior to Construction	Complete	Superseded by CER Condition	14, 49	Pipeline easements have been negotiated with involved landowners including in consideration of the required right-of-way width for ongoing operational needs. Such negotiations also take into account localized spacing restrictions and landowner preferences, and aim to strike a balance. Within an urban context, associated discussions may also occur through the TWG mechanism (Condition 49). Right-of-way widths reflected in PPBOR filings and also in alignment sheets filed under Condition 104.
174	Pipeline Engineering	Metro Vancouver	Trans Mountain will develop details of the construction methodology, to be used for the pipeline installation through the Coquitlam Landfill, during the Engineering and Detailed Design Phase of the Project.	Metro Vancouver IR No. 1.2.02b	Prior to Construction	Complete			
184	Pipeline Engineering	Township of Langley	All mainline block valves (MLBVs) in the Township of Langley will be automated.	Langley IR No. 1.05c	During Construction	Complete			Automation of subject mainline block valves confirmed in the Line 2 Valve Location Report filed under Condition 17 on March 1, 2017 (Filing ID A81943-3, entries for 2K1135, 2K1140, and 2K1145 on PDF Pages 13 and 14).
187	Pipeline Engineering	Township of Langley	Trans Mountain will commit to designing and constructing the pipeline, with risk based design employed to manage risks following the principle of As Low as Reasonably Practicable (ALARP).	Langley IR No. 1.08b	Prior to Construction	Complete	Superseded by CER Condition	15, 17, 18	ALARP principle underpinned filings made under Conditions 15, 17, and 18 (Pipeline Risk Assessment, Valve Locations on Line 2, Valve Locations and Upgrades on Line 1).
188	Pipeline Engineering	Upper Nicola Band	An Acid Rock Drainage (ARD) management plan will be developed as part of detailed engineering and design. Trans Mountain will conduct inspections and post-construction seepage sampling at areas where potentially acid generating material has been identified or exposed during construction.	Upper Nicola Band IR No. 1.03l	Prior to Construction	Complete	Superseded by CER Condition	72	Metal Leaching and Acid Rock Drainage Management Plan provided as Section 4.1 of the updated Environmental Protection Plan filed under Condition 72 July 2022 (Filing ID C20382-2). Updates to Condition 72 EPP ML ARD Management Plan were filed on October 7, 2021 (Filing ID C15325) Section 4.1.6 under Post-Construction Phase Monitoring, lays out Trans Mountains plans for managing post-construction ML/ARD mitigations.
189	Pipeline Engineering	Upper Nicola Band	Prior to reactivation of the segments on Line 1, Trans Mountain will file Leave to Open documentation including documentation of repairs and testing that supports restart of these pipeline segments.	Upper Nicola Band IR No. 1.04d	Prior to Operations	Complete	Superseded by CER Condition	19	Through Condition 19 (CER Filing ID C24689), Trans Mountain provided an engineering assessment to the CER.
192	Pipeline Engineering	NEB	During the detailed engineering and design phase, Trans Mountain will develop a horizontal direction drill specification and provide it to the NEB by September 30, 2014.	NEB IR No. 1.80d	Prior to Construction	Complete			Horizontal Directional Drill Construction Specification (TMEP-MP3121 filed in conjunction with Technical Update #3 on September 4, 2014 (Filing ID A62628, B260-36 and B260-37).
193	Pipeline Engineering	NEB	Trans Mountain will submit to the NEB revised outflow volumes for Line 2 in Q3 2014. Trans Mountain will submit revised outflow volumes for Burnaby – Westridge delivery lines, reflecting revised routing, as well as to provide results for individual and combined drain down volumes in Q3 2014.	NEB IR No. 1.96a	Prior to Construction	Complete			This commitment was fulfilled by Technical Update #1 dated August 1, 2014 (Filing ID A62083, B248-23).
197	Pipeline Engineering	NEB	A revised version of the Terrain report and map legend with the above corrections will be issued.	NEB IR No. 2.097a	Prior to Construction	Complete			Subject information filed in conjunction with Technical Update #2 on August 22, 2014 (Filing ID A62401, B265-7 through B256-19)
198	Pipeline Engineering	NEB	A risk management plan will be developed as part of detailed engineering and design, and will be updated as additional site specific information is obtained through detailed investigations, and modified as Geohazard are encountered during construction.	NEB IR No. 2.099	Prior to Construction	Complete	Superseded by CER Condition	51	Field Changes Manual for Geohazard Mitigation filed under Condition 51 on May 1, 2017 (Filing ID A83057) and update on April 16, 2020 (Filing ID C05736)
200	Pipeline Engineering	NEB	Although no active faults (where rupture has occurred in the last 11,000 years) have been identified in British Columbia, studies will be conducted as part of the detailed engineering and design phase in an attempt to further confirm the presence or absence of active faults crossing or running close to the route.	Part 2 – Consultation Update No. 1, Volume 4A – Project Design and Execution – Engineering Section 2.9.3	Prior to Construction	Complete	Superseded by CER Condition	69	Fault Studies Report filed under Condition 69 on May 15, 2017 (Filing ID A83584).
201	Pipeline Engineering	NEB	At major watercourse crossings, and other areas where lateral spreading as a result of liquefaction has the potential to occur, the pipeline will be designed to resist the potential ground movement (both transient and permanent) associated with the design level event.	Part 2 – Consultation Update No. 1, Volume 8A, Marine - Marine Transportation Section 4.3.14.1	Prior to Construction	Complete	Superseded by CER Condition	68	Liquefaction Potential Report filed under Condition 68 on May 15, 2017 (Filing ID A83593).
203	Pipeline Engineering	NEB	During the detailed engineering design phase, site specific designs will be undertaken for any Stage 1 watercourses that require scour mitigation designs and any identified as having additional constructability challenges.	NEB IR No. 2.101c	Prior to Construction	Complete	Superseded by CER Condition	65	Condition 43 - Detailed Crossing Specific Design Drawings have been filed under Condition 43 Appendix E (A82369, A82390, A82392)
207	Pipeline Engineering	NEB	If horizontal directional drilling is used, the depth of cover will be a minimum of 10 m below the deepest part of the Fraser River.	Part 2 – Public Consultation Update No. 1	During Construction	Complete			
212	Pipeline Engineering	NEB	Once an optimized valve placement design for Line 2 has been developed through the risk-based design process, Trans Mountain will file a written report that summarizes the risk-based design process that was undertaken for valve optimization, and provides the rationale for the final valve	NEB IR No. 2.110c	Prior to Construction	Complete	Superseded by CER Condition	17	The initial response was provided as part of Technical Update #4 dated December 1, 2014 (Filing ID A64686, Document A4F5A1). Topic further

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			placement design. It is Trans Mountain's intent that this report, which will be submitted prior to December 1, 2014, will serve as the written engineering assessment report for valve placement location.						addressed through the Line 2 Valve Locations Report filed under Condition 17 on March 1, 2017 (Filing ID A81943).
214	Pipeline Engineering	NEB	The new Line 2 pipeline segments will be designed to withstand a one-in-2,475-year seismic event, consistent with current requirements of the National Building Code of Canada.	Application Volume 1, section 2.5.1.	Prior to Construction	Complete	Superseded by CER Condition	68	The Liquefaction Potential Report filed under Condition 68 is based on the one-in-2475-year seismic event criterion used by the National Building Code of Canada (Filing ID A83593; see A83593-2 at PDF Pages 4 and 6).
215	Pipeline Engineering	NEB	Trans Mountain confirms that bed scour and lateral erosion will be incorporated into the design for crossings.	NEB IR No. 2.102e	Prior to Construction	Complete	Superseded by CER Condition	65	Hydrology Reports for Notable Watercourse Crossings filed under Condition 65 on May 19, 2017 (Filing IDs A83733 and A83735)
216	Pipeline Engineering	NEB	Trans Mountain is committed to install the Line 2 pipeline on or adjacent to the existing TMPL right-of-way to the extent feasible, to minimize environmental and socio-economic effects and facilitate efficient pipeline operations.	NEB IR No. 2.048a	Prior to Construction	Complete	Superseded by CER Condition	104	Adherence to routing principles exemplified by PPBoRs, engineering alignment sheets filed under Condition 104, and environmental alignment sheets filed as part of spread packages.
217	Pipeline Engineering	NEB	Trans Mountain to submit to the NEB by June 16, 2014, Map 1 Set: to show High Consequence Areas (HCAs) provided in Reference ii) or updated HCAs. Trans Mountain to submit to the NEB by June 16, 2014, Map 2 Set: to show areas of geotechnical and seismic hazards, and water crossings.	NEB IR No. 1.92b	Prior to Construction	Complete			Subject HCA maps filed on June 16, 2014 (Filing ID A61082).
219	Pipeline Engineering	NEB	Trans Mountain will complete a pipeline risk assessment and evaluate the need for additional mitigation measures (e.g., valve spacing, deeper burial or thicker-walled pipe) to reduce threats and associated risk to aquifers.	Application Volume 7, 7-76.	Prior to Construction	Complete	Superseded by CER Condition	15, 130	Addressed through the Pipeline Risk Assessment filed under Condition 15 on March 1, 2017 (Filing ID A81928). The Groundwater Monitoring Program to be filed prior to operations under Condition 130 will include any vulnerable aquifers along the pipeline route.
228	Pipeline Engineering	NEB	Trans Mountain will provide a discussion of how the original design of the existing segments meets the requirements of Line 2 as part of the engineering assessment to be filed as part of Technical Update No. 2. Refer to the response to NEB IR No. 2.134d for additional information.	NEB IR No. 2.134b	Prior to Construction	Complete			Commitment addressed through Technical Update #3 as filed on September 4, 2014 (Filing ID A62621, Document A4A7Q3).
229	Pipeline Engineering	NEB	Trans Mountain will provide a risk ranking for the various wall thicknesses for the new pipeline segments in Q3 2014.	NEB IR No. 1.81b	Prior to Construction	Complete			Submitted in Technical Update No. 1 (B248-18, A3Z8G1, PDF Page 19 to 20)
230	Pipeline Engineering	NEB	Trans Mountain will provide Project-related standards, specifications, and manuals that are developed during detailed engineering and design phase of the Project on an as-requested basis upon their completion. Any requested engineering-related documents will be provided by end of Q1 2015 while any construction-related documents will be provided 60 days prior to start of construction.	NEB IR No. 1.76b	Prior to Construction	Complete			Trans Mountain has provided project-related specifications, standards, and manuals whenever requested during the TMEP regulatory proceedings or wherever required by the TMEP conditions.
231	Pipeline Engineering	NEB	Trans Mountain will provide to the NEB copies of detailed engineering designs for conditions and circumstances not specially or adequately addressed in CSA Z662 or the Onshore Pipeline Regulations (OPR) as described in the NEB Application Volume 4A, Section 2.9, 60 days prior to the commencement of construction of the mainline pipeline in a particular spread.	NEB IR No. 1.77c	Prior to Construction	Complete			
235	Pipeline Engineering	NEB	Trans Mountain will undertake a reassessment of potential outflow volumes using the increased average throughput volumes expected on Line 1 post expansion.	NEB IR No. 2.111	Prior to Construction	Complete	Superseded by CER Condition	18	Addressed through the Line 1 Valve Locations and Upgrades Report filed under Condition 18 on April 3, 2017 (Filing IDs A82430, A82432 and A82434). Update filed for Line 1 Reactivation Segments on March 8, 2021 (C11846)
236	Pipeline Engineering	NEB	Where circumstances exist such that the detailed engineering designs cannot be completed during this phase, all outstanding detailed engineering designs will be completed and submitted to the NEB 60 days prior to the commencement of construction of the mainline pipeline in a particular spread.	NEB IR No. 1.77b	During Construction	Complete	Superseded by CER Condition	104	Trans Mountain provided detailed engineering design sheets prior to construction through filings under CER Condition 104 (CER Filing ID A84147). All updated engineering alignment sheets and drawings are filed in accordance with Condition 104 requirements. Condition 104 states: Updated engineering alignment sheets and drawings Trans Mountain must file with the NEB, at least 3 months prior to commencing pipe installation, updated engineering alignment sheets and drawings and, as they become available and prior to their implementation, any modifications to those sheets and drawings.
242	Pipeline Engineering	NEB, Robyn Allan	Trans Mountain will submit the risk results for the two existing active pipe segments that will be incorporated into Line 2 using Trans Mountain's risk model for operating pipelines to the NEB in a supplemental filing in Q3 2014.	NEB IR No. 1.87c, Allan R IR No. 1.17e	Prior to Construction	Complete	Superseded by CER Condition	15	Initially addressed through Technical Update #2 filed on August 22, 2014 (Filing A62400, B255-38, PDF Pages 11-17 and 26-29). Further addressed through the Pipeline Risk Assessment Report filed under Condition 15 on March 1, 2017 (Filing ID A81928).
243	Pipeline Engineering	Robyn Allan	Trans Mountain has committed to the following pipeline integrity management actions for existing pipeline segments in addition to the proposed Line 2. For the Reactivation Segments, as committed to in the response to NEB IR No. 1.86: submit to the NEB final engineering assessment by the end of Q3 2014; file a Threat-Based Assessment for the reactivation segments in Q3 2014; submit an updated engineering assessment incorporating the results of the hydrostatic testing and the in-line inspection. For the currently active segments of Line 1 that will form part of Line 2, as committed to in the response to NEB IR No. 1.87, Trans Mountain committed to: submit the risk results for the two existing active pipe segments that will be incorporated into Line 2 using Trans Mountain's risk model for operating pipelines in a supplemental filing in Q3 2014. For the sections of Line 1 that will remain in their current operation as part of that pipeline, Trans Mountain's pipelines are managed through a Pipeline Integrity Management Program that utilizes regular re-evaluations of risk as the basis for identifying and prioritizing assessment and risk mitigation actions. The risk assessment is updated on an annual basis to reflect mitigation efforts such as repairs or capital upgrades associated with our Natural Hazards Management Program. In this regular re-evaluation of risk, High Consequence Areas receive an enhanced weighting in the risk assessment, and a higher priority for any consideration of assessment and mitigation.	Allan R IR No. 1.17e	Prior to Construction	Complete			

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244	Pipeline Engineering	Robyn Allan	Trans Mountain will incorporate data collected over the last 60 years on the existing Trans Mountain Pipeline system as input to the hazards and threats in the risk assessment on the Trans Mountain Expansion Project.	Allan R IR No. 1.17h	Prior to Construction	Complete	Superseded by CER Condition	15	Addressed through the Pipeline Risk Assessment Report filed under Condition 15 on March 1, 2017 (Filing ID A81928).
245	Pipeline Engineering	NEB, Parks Canada Agency, Robyn Allan, Upper Nicola Band	Trans Mountain will file a Threat-Based Assessment for the Darfield to Black Pines reactivation segment in Q3 2014.	NEB IR No. 1.86c, Allan R IR No. 1.17e, GoC Parks IR No. 1.1.08, Upper Nicola Band IR No. 1.01a	Prior to Construction	Complete			Submitted in Technical Update No. 2 (B255-36, A4A4E8).
247	Pipeline Engineering	Chris Amy	Geotechnical investigation to support horizontal directional drilling (HDD) along the route will be undertaken in 2014 along Brunette River.	Amy C IR No. 1.3u	Prior to Construction	No Longer Applicable			The commitment is no longer applicable as Trans Mountain is no longer planning to cross the Brunette River.
248	Pipeline Engineering	British Columbia Hydro and Power Authority	Trans Mountain commits that on the new sections of Line 2 to design the crossing of designated BC Hydro access tracks to allow a typical BC Hydro work vehicle (normally a BCL-625 design truck) to cross the TMEP pipeline while in operation without BC Hydro needing to take additional measures.	BC Hydro IR No. 1.3.3.3	Prior to Construction	Complete			
249	Pipeline Engineering	British Columbia Hydro and Power Authority	Trans Mountain commits to work with BC Hydro over the next five months (May to October, 2014) to agree how potential impacts to BC Hydro infrastructure and BC Hydro's existing Right-of-Way (ROW) rights will be addressed as per response to BC Hydro IR No. 1.2.2.2.	BC Hydro IR No. 1.1.1.5	Prior to Construction	Complete			Compatible use letter agreements negotiated and signed off with BC Hydro.
251	Pipeline Engineering	NEB	Trans Mountain confirms that it intends, where practical, to observe BC Hydro's 30 Metre Separation Requirement, but Trans Mountain also recognizes that there are specific route locations where corridor constriction, as a result of terrain and or adjacent development, will make this requirement impractical.	BC Hydro IR No. 1.1.1.2	Prior to Construction	Complete			
252	Pipeline Engineering	British Columbia Hydro and Power Authority	Trans Mountain is committed to continued engagement with BC Hydro in the detailed engineering and design of the pipeline and mitigation of potential adverse effects.	BC Hydro IR No. 1.1.1.4	Prior to Construction	Complete	Superseded by CER Condition	50	This commitment has been addressed through various filings made under Condition 50. These filings show that an AC Mitigation Report has been produced to the NEB's satisfaction including with appropriate engagement between Trans Mountain and BC Hydro. CER Filing A510Q2 including at section 2.3.
275	Pipeline Engineering	BC Nature and Nature Canada, City of Abbotsford, City of Burnaby, Elizabeth May, NEB, Province of British Columbia	A preliminary Geohazard assessment is currently being completed and will be provided as part of the risk assessment on Line 2 in Q3 2014.	NEB IR No. 1.79b, BC Nature Nature Cda IR No. 1.19a, City Burnaby IR No. 1.46.04 s, City Burnaby IR No. 1.33.34a, City of Abbotsford IR No. 1.13a, May E IR No. 1.5a, Province BC F-IR No. 1.1.01a	Prior to Construction	Complete			Commitment met through Quantitative Geohazard Frequency Assessed that was filed on August 1, 2014 as part of Technical Update #1 (Filing ID A62087, B248-19, A328G2). The aspect of geohazard assessment and management also eventually entered into several TMEP Conditions, including 15, 51, 65, 66, 68, and 69.
278	Pipeline Engineering	BC Parks, NEB	All provincial parks, protected areas and recreation areas will be traversed with 11.8 mm wall thickness pipe. All major watercourse crossings in parks and protected areas will be constructed using heavy wall pipe. The McQueen Creek crossing will be 14.7mm wall thickness pipe.	BC Parks boundary adjustment application (August 2014)	Prior to Construction	Complete			The use of 14.7 mm wall thickness pipe at the McQueen Creek Crossing is denoted on the corresponding alignment sheet filed under Condition 104 (Drawing No. M002-PA03107, Spread 5A, KP 824+400 to KP 827+300). Specifically, refer to List of Materials Item 5 towards the base of the drawing.
461	Pipeline Engineering	NEB	Trans Mountain commits to file the Potential Acid Generating (PAG) waste cover and liner designs with the NEB upon completion of designs.	NEB Cond IR No. 3.3	Prior to Construction	Complete	Superseded by CER Condition	29	Commitment addressed by Condition 29: Burnaby Mountain Tunnel - Rock Mass and Waste Rock Management, IR 3 (ID A88929).
466	Pipeline Engineering	NEB	Trans Mountain will work diligently with the affected First Nations and will advise the NEB on or before May 1, 2015 as to whether an agreement regarding on-reserve routing has been reached.	NEB IR No. 3.017a, NEB F-IR No. 3.017a	Prior to Construction	Complete	Superseded by CER Condition	7	Update to NEB IR No. 3.017a filed on May 1, 2015 (Filing ID A69800, Exhibit B381-1)
491	Pipeline Engineering	NEB	Trans Mountain will complete the hydraulic analyses for the Line 1 and Line 2 atypical flow rate scenarios and start-up and shut-down conditions during the detailed engineering and design phase, planned for 2016.	NEB IR No. 3.051a.3	Prior to Construction	Complete			Trans Mountain completed a Line 1 Transient Study, a Line 2 Steady State Study, and a Line 2 Transient Study to inform hydraulic design and eventual operations.
492	Pipeline Engineering	NEB	Trans Mountain will complete a transient analyses for Line 1 and Line 2 to confirm that pressures will remain within required limits during sudden changes in operating conditions.	NEB IR No. 3.051b	Project Lifecycle	Complete			As already noted, transient studies completed for both Lines 1 and 2.
493	Pipeline Engineering	NEB	Trans Mountain will incorporate all of the results of the hydraulic studies, including the detailed transient analyses, into the Project design by the end of the detailed engineering and design phase in late 2016 or early 2017. The operating limits and protective device settings will be based on the hydraulic studies and will be finalized in sufficient time to allow for application during commissioning.	NEB IR No. 3.051c	Prior to Construction	Complete			As already noted, transient studies completed for both Lines 1 and 2.
508	Pipeline Engineering	NEB	For the new Westridge Delivery Pipelines, Trans Mountain commits to deploying acoustic leak detection tools on a regular basis to ensure that no pinhole leaks are present.	NEB IR No. 3.103g	During Operations	Complete	Superseded by CER Condition	115	Commitment is addressed through Condition 115, and associated filings which confirms a fiber-optic based real-time external leak detection system was installed along the Line 2 pipeline segments and the new Westridge Delivery Lines (Filing ID C27412, PDF pg 7).
545	Pipeline Engineering	Eric Bickle	Trans Mountain will route the proposed pipeline along the western border of Redwoods Golf course in such a way that will not result in removal of trees that buffer the Walnut Grove residents from the golf course and in such a way that the 30m "safety zone" identified in s. 112 of the National Energy board Act would not affect the residential properties bordering Redwoods Golf Course.	Bickle E IR No. 1.1.1j; Detailed Route Hearing, Reply Evidence (para 78)	Prior to Construction	Complete			The pipeline route along the western border of the Redwoods Golf Course has been confirmed with no concerns from Mr. Bickle (CER Filing C18652).

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546	Pipeline Engineering	Environment Canada	Engineering Critical Assessment (ECA) based flaw acceptance criteria will be made available to Natural Resources Canada when available.	GoC EC IR No. 2.126	Prior to Construction	Complete	Superseded by CER Condition	111	Superseded by NEB Condition 111 Highly detailed Field Joining Program documentation filed under Condition 111, and made available for public viewing through the CER RegDocs. The program literature includes weld acceptance criteria.
547	Pipeline Engineering	Natural Resources Canada	Trans Mountain to provide Natural Resources Canada (NRCAN) a copy of TMEP Coating Specifications by 30 June 2015.	GoC NRCAN IR No. 2.130.2.	Prior to Construction	Complete			FBE Plant Applied Coating Specification filed on November 12, 2015 in response to an NRCAN Reply Evidence Information Request (Filing ID A93915, A4V3V8 and A4V3V9).
558	Pipeline Engineering	Art Jackson O/A Alpine Art	For the Project, Trans Mountain will meet or exceed both the minimum cover requirement specified in CSA Z662 and apply the province of British Columbia's more conservative one in two hundred year designated flood mandate to all of the proposed watercourse crossings.	Alpine Art IR No. 2.2	Prior to Construction	Complete			
560	Pipeline Engineering	City of Burnaby, NEB	Trans Mountain will complete geotechnical site investigations at sites with "high" and "moderate" liquefaction potential in 2015 and 2016. The investigations will be staged: higher-priority sites will be targeted first, followed by lower-priority sites if warranted by the results at higher-priority sites.	City Burnaby IR No. 2(d).2.d	Prior to Construction	Complete	Superseded by CER Condition	68	Liquefaction Potential Report filed under Condition 68 on May 15, 2017 (Filing ID A83593). Coldwater updates followed on July 30, 2021 and September 13, 2021 (Filing IDs C14308 and C14898).
561	Pipeline Engineering	Squamish Nation	Trans Mountain will evaluate the magnitude of the expected imposed tensile and compressive strains on the pipe due to lateral spreading and other Geohazard along the pipeline .	Squamish Nation IR No. 2(d).13 (a).a	Prior to Construction	Complete			
563	Pipeline Engineering	BC Nature and Nature Canada	Trans Mountain affirms its commitment to avoid the use of Colony Farm Regional Park land to the maximum extent practical.	BC Nature Nature Cda IR No. 2.41d.1	Prior to Construction	Complete			Due to construction constraints, TMEP was unable to avoid the Colony Farm's land completely. Temporary access and road use agreement was made in collaboration with the lands.
564	Pipeline Engineering	Burnaby Residents Opposing Kinder Morgan Expansion - BROKE	Liquefaction and lateral spreading analysis and geotechnical report for sites with "very high" liquefaction potential have been underway and will be completed and Trans Mountain will seek leave to file with the NEB by March 2015	BROKE IR No. 2.1b	Prior to Construction	Complete	Superseded by CER Condition	68	Seismic Hazard Update filed on March 31, 2015 (A69276, Exhibit B358). Liquefaction Potential Report filed on May 15, 2017 under Condition 68 (A83593), with Coldwater Updates following on July 30, 2021 and September 19, 2021 (C14308 and C14898)
565	Pipeline Engineering	Burnaby Residents Opposing Kinder Morgan Expansion - BROKE	Site specific subsurface investigations for "high" and "moderate" liquefaction potential sites along the corridor will be performed in a phased approach on select sites starting spring/summer 2015, and will be based on findings from the investigation of the "very high" liquefaction potential sites and the potential for impact to the pipeline.	BROKE IR No. 2.1b	Prior to Construction	Complete	Superseded by CER Condition	68	Liquefaction Potential Report filed under Condition 68 on May 15, 2015 (Filing ID A83593). Coldwater Updates filed on July 30, 2021 and September 19, 2021 (C14308 and C14898). Submissions informed by the investigations that were the subject of this commitment.
566	Pipeline Engineering	Burnaby Residents Opposing Kinder Morgan Expansion - BROKE	If a specific fault poses an unacceptable risk to the project, Trans Mountain will develop a fault-specific crossing design to mitigate risk to an acceptable level.	BROKE IR No. 2.1e	Prior to Construction	Complete	Superseded by CER Condition	69	Fault Studies Report filed under Condition 69 on May 15, 2015 (Filing ID A83584Appendix 1). Trans Mountain's fault investigations have not revealed evidence for Holocene-active faults across the TMEP route, and the probability of encountering an active fault along the Project route was determined to be low. The Holocene Epoch extends over 11,600 years and represents the current period of geological time.
568	Pipeline Engineering	Burnaby Residents Opposing Kinder Morgan Expansion - BROKE	A study of the potential activity of faults crossing the proposed route in the Lower Mainland and Fraser Valley has been commissioned by Trans Mountain, and is currently being undertaken by Drs. John Clague and Doug Stead of the Department of Earth Sciences at Simon Fraser University and is expected to be complete by the end of Q1 2015.	BROKE IR No. 2.5c	Prior to Construction	Complete	Superseded by CER Condition	69	Fault Studies Report filed under Condition 69 on May 15, 2017 (Filing ID A83584). Included as Appendix A was a report entitled LIDAR-Based Fault Investigation, Fraser Valley dated March 26, 2015 by the Department of Earth Sciences at Simon Fraser University (Filing ID A83584-6). This same report had previously been filed on March 31, 2015 as Exhibit B358-11 (Filing ID A69276).
570	Pipeline Engineering	Stz'uminus First Nation	Trans Mountain tested sites in areas adjacent to the Fraser River in May 2015. Trans Mountain is committed to assessing and using the results of the site-specific testing to refine the estimates for the frequency of loss of containment and update the project-wide risk assessment.	Stzuminus FN IR No. 2(d).06.b	Prior to Construction	Complete	Superseded by CER Condition	15	Trans Mountain filed its updated Line 2 Pipeline Risk Assessment under Condition 15 on March 1, 2017 (Filing ID A81928), as informed by a refreshed pipeline dataset.
575	Pipeline Engineering	Stz'uminus First Nation	Trans Mountain will undertake field studies in 2015 to include a determination of whether faults and lineaments are pre-Holocene.	Stzuminus FN IR No. 2(d).18.a	Prior to Construction	Complete	Superseded by CER Condition	69	Fault Studies Report filed under Condition 69 on May 15, 2017 (Filing ID A83584). Included as Appendix A was a report entitled LIDAR-Based Fault Investigation, Fraser Valley dated March 26, 2015 by the Department of Earth Sciences at Simon Fraser University (Filing ID A83584-6). This same report had previously been filed on March 31, 2015 as Exhibit B358-11 (Filing ID A69276).
576	Pipeline Engineering	City of Abbotsford	Trans Mountain will consult with the BC Inspector of Dikes specific to the Sumas Canal crossing methodology upon completion of the current investigative study. Trans Mountain plans to undertake soil investigations at Sumas Lake Canal as part of Detailed Engineering initiating in 2015 and will share the results of the soil investigations with the City of Abbotsford.	City of Abbotsford IR No. 2.2.06	Prior to Construction	Complete	Superseded by CER Condition	49	Trans Mountain provided details of the trenchless crossing methodology for Sumas Canal Crossing on October 27, 2022. The geotechnical investigation study was provided to the City of Abbotsford on August 10, 2022.
577	Pipeline Engineering	Upper Nicola Band	Trans Mountain will re-evaluated the need for supplemental LiDAR within Upper Nicola/Sylix territory after supplemental desktop studies and the field reconnaissance portions of the investigation are completed in 2015.	Upper Nicola Band IR No. 2d.1v	Prior to Construction	Complete			
584	Pipeline Engineering	Upper Nicola Band	Trans Mountain will complete a specific assessment of fault zones proximal to where HDD drilling is scheduled at the Coldwater River 4 site and when geotechnical drilling planned for summer 2015 (upon receiving OGC permits) is conducted.	Upper Nicola Band IR No. 2(c).02.a	Prior to Construction	Complete	Superseded by CER Condition	67	HDD Feasibility Report and Geotechnical HDD Feasibility Assessment for the Coldwater River 4 Crossing filed under Condition 67 on June 1, 2017 (Filing ID A84152, Appendix B). Borehole data analysis included identification of any bedrock fault zones.
585	Pipeline Engineering	Upper Nicola Band	Trans Mountain will collect observations of alteration minerals specific to the Coldwater River 4 site when geotechnical drilling is completed at that site in summer 2015.	Upper Nicola Band IR No. 2(c).02.b	Prior to Construction	Complete	Superseded by CER Condition	67	HDD Feasibility and Geotechnical Reports for Coldwater River 4 crossing filed under Condition 67 on June 1, 2017 (Filing ID A84152). Fault zones and alteration minerals covered in borehole data (e.g. A84152-3 at PDF Pages 17, 18, and 32 and A84152-4 at PDF page 35).

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586	Pipeline Engineering	Upper Nicola Band	Trans Mountain will prepare and file with the NEB a summary report of the geotechnical investigation and any reassessment of the horizontal directional drill (HDD) feasibility associated access to the site for Coldwater River 4 crossing.	Upper Nicola Band IR No. 2(c).02. w	Prior to Construction	Complete	Superseded by CER Condition	67	HDD Feasibility Report for Coldwater River 4 filed on February 27, 2015 (B324-10). The commitment followed on the heels of this filing. This river crossing was included in the scope of Condition 67, which is the correct reference for the fulfillment of this condition. Suggest the following commentary: "Feasibility Report and Geotechnical HDD Feasibility Assessment for Coldwater River 4 Crossing filed under Condition 67 on June 1, 2017 (Filing ID A84152, Appendix B)." On October 8, 2021 a Letter Report was received indicating that TMEP fulfilled its requirements of the Coldwater Crossing (C15338)
590	Pipeline Engineering	City of Abbotsford	Trans Mountain will commit to evaluate the feasibility of installing an additional valve in the vicinity of KP 1123.	City of Abbotsford IR No. 2.4.17f	During Operations	Complete	Superseded by CER Condition	17	The Line 2 Valve Locations Report was filed under Condition 17 on March 1, 2017 (Filing A81943) with an update provided on July 15, 2022 (Filing ID C20148). As indicated in that report, several mainline valves will be installed through this general area, as follows: 2K1112, 2K1115, 2K1120, 2K1127, and 2K1135. These placements have been optimized based on a rigorous technical analysis using an iterative approach. Owing to chainage adjustments made since the time of this commitment, KP1123 now corresponds to KP1126.
591	Pipeline Engineering	City of Abbotsford	Trans Mountain commits to performing further assessments to see if outflow volume can be optimized in the vicinity of KP 1117, and further in this location by means of adjusting valve types, numbers or locations. Trans Mountain has revisited the valve configuration in the vicinity of KP 1123, and commits to evaluating the feasibility of installing an additional valve at this location.	City of Abbotsford IR No. 2.4.17g	During Operations	Complete	Superseded by CER Condition	17	The Line 2 Valve Locations Report was filed under Condition 17 on March 1, 2017 (Filing A81943) with an update provided on July 15, 2022 (Filing ID C20148). As indicated in that report, several mainline valves will be installed through this general area, as follows: 2K1112, 2K1115, 2K1120, 2K1127, and 2K1135. These placements have been optimized based on a rigorous technical analysis using an iterative approach. Owing to chainage adjustments made since the time of this commitment, KP1123 now corresponds to KP1126.
594	Pipeline Engineering	City of Abbotsford	City representatives have informed Trans Mountain that the crossing of Sumas Mountain Road is located on solid rock, and that a trenchless crossing may not be feasible. If that is the case, Trans Mountain will work with the City to finalize the crossing design, methodology, and construction scheduling to minimize impact to the general public.	City of Abbotsford IR No. 2.2.10d	Prior to Construction	Complete	Superseded by CER Condition	14, 49	Trans Mountain has worked with the City of Abbotsford in finalizing the open cut crossing design, methods and scheduling to minimize the impacts on the public. A permit was issued by the City of Abbotsford for the construction at Sumas Mountain Road in August 2023.
604	Pipeline Engineering	Upper Nicola Band	Trans Mountain will ensure that all locations in the Upper Nicola Area where horizontal directional drilling (HDDs) are planned, detailed field investigations will be carried out to ensure the HDD is located appropriately.	Upper Nicola Band IR No. 2(c).03.a	Prior to Construction	Complete			HDD feasibility assessments completed for the Coldwater 3, Coldwater 4, and Nicola River trenchless crossings. Reference Filing IDs A67192 (B324-8, B324-9, B324-10, B324-22, B324-23) and A84152 (A84162-3, Appendix B).
607	Pipeline Engineering	NEB	Trans Mountain will undertake a reassessment of potential outflow volumes using the increased average throughput volumes expected on Line 1 post expansion.	NEB IR No. 4 17b.2	During Operations	Complete	Superseded by CER Condition	18	Trans Mountain provides details on the potential outflow volumes through filings in Condition 18. Outflow analysis contained in Line 1 Valve Location and Upgrade filings made under Condition 18 in April 2017 (Filing IDs A82430, A82432, A82434, A82708, and A82710). An update for the Reactivation Segments was filed on March 8, 2021 (Filing ID C11846). An update submission for the operational Line 1 segments was filed on March 3, 2023 (C23523) which includes updated outflow charts for the implicated pump sections.
627	Pipeline Engineering	City of Burnaby	Trans Mountain commits to complying with the City of Burnaby's mapping request should spatial data be provided to Trans Mountain from the City of Burnaby.	City Burnaby IR No. 2.108	Project Lifecycle	Complete			Communication between Trans Mountain and City of Burnaby have been ongoing, communications have included meeting minute logs for discussions on crossing drawings.
628	Pipeline Engineering	City of Burnaby	Trans Mountain commits to using continuous heavy wall pipe for the delivery pipelines in excess of the minimum requirements of CSA Z662-11.	City Burnaby IR No. 2.112	Prior to Construction	Complete			Heavy wall pipe being used per alignment sheets.
629	Pipeline Engineering	City of Burnaby, NEB	The risk-based approach allows geohazards to be prioritized, managed, and mitigated in the absence of mandatory design guidelines or standards. However, where such guidelines or standards are available, Trans Mountain will adopt the more conservative of the results of the risk-based approach and those guidelines or standards.	NEB IR No. 4 51b; NEB Route Hearing/TMEP Evidence Seg 7 Burnaby	Prior to Construction	Complete	Superseded by CER Condition	15, 51, 66, 68	Conditions 15, 51, 66, and 68 all bear on the aspect of geohazard management and provide the appropriate context for geohazard identification, assessment, and response action.
631	Pipeline Engineering	NEB	Trans Mountain will meet or exceed both the minimum cover requirement specified by CSA Z662 and apply the Province of British Columbia's more conservative one in two hundred year designated flood mandate for all river crossings.	NEB IR No. 4 51b	During Construction	Complete	Superseded by CER Condition	65	Hydrology Report for Notable Watercourse Crossings filed under Condition 65 on May 19, 2017 (Filing IDs A83733 and A83735). Use of 200-year flood design basis confirmed in Section 3.2.3 of Filing ID A83733. Watercourse crossing drawings filed under Condition 43 show that minimum depth-of-cover requirement being met (e.g. Filing ID A82369, Appendix E).
632	Pipeline Engineering	NEB	During detailed design Trans Mountain will carry out stress and strain based seismic assessments of the pipeline at critical locations including the Burnaby Mountain crossing.	NEB IR No. 4 53	Prior to Construction	Complete	Superseded by CER Condition	70	Commitment addressed by the various filings under Condition 70: Strain Based Design, including the "Burnaby Tunnel Pipeline Stress Analysis Report" filed as part of the IR 34.3 response (Filing ID: A92422-3) . CER approved Condition 70 for all phases on August 16, 2018 (ID: A93587).
637	Pipeline Engineering	NEB	Trans Mountain will implement the type of engineered solution it has demonstrated in NEB IR No. 3.53a (Filing ID A4H1V2) to mitigate the induced voltages resulting from power line steady state and transient conditions once it completes the (GPR) study at the end of 2015.	NEB IR No. 4 56a	Prior to Construction	Complete	Superseded by CER Condition	50	Addressed through the AC Interference Mitigation filings made under Condition 50 (Filing IDs A83056, A92906, and A94015). In the CER Letter No. 21 it states that TMEP has met the pre-construction requirements of Condition 50 (Filing ID A93587 PDF pg. 6). A Mitigation Report was filed under Condition 50 (Spreads 3 to 7) on November 10, 2021 (C16079)

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644	Pipeline Engineering	NEB	As part of condition compliance, Trans Mountain will provide the NEB with the results of Electrical Interference Analysis for pipeline segments that are less than 10m from BC Hydro power lines and the list of Pipeline Segments where mitigations in response to NEB IR No. 4.56a have been applied.	NEB IR No. 4 56b	Prior to Construction	Complete			Addressed through the filings made under Condition 50, including principally the High Voltage AC Interference Report filed on May 1, 2017 (Filing ID A83056).
645	Pipeline Engineering	The City of Edmonton	Trans Mountain will, to the extent practicable, plan the construction to minimize interference with construction activities associated with the expansion of Whitemud Drive.	City of Edmonton IR No. 2.2.1d	Prior to Construction	No Longer Applicable			The City of Edmonton Whitemud Drive expansion project was deferred from the time frame which had been previously contemplated. The TMEP work through this area was therefore able to be carried out without any form of timing conflict.
685	Pipeline Engineering	Gun Métis Local 55 (Lac Ste. Anne Métis)	A hydrostatic test profile will be developed for each test section as part of the final hydrostatic test plan.	Gunn Métis Local 55 IR No. 2.01	During Construction	Complete	Superseded by CER Condition	112	In accordance with the TMEP Hydrostatic Testing Specification (TMEP-MP4121), contractors are required to produce hydrostatic test profiles for each test section (CER Filing ID C13930), Section 13.1 (PDF pg 22). Spread 1 hydrostatic test profiles are included in mainline Leave to Open application (Spread 1 Leave to Open: CER Filing ID C17898 Appendix E). Spread 2 hydrostatic test plan was filed on March 31, 2022 for Condition 113 (CER Filing ID C18386) an update to the filing was provided on October 7, 2022 (CER Filing ID C21293).
701	Pipeline Engineering	City of Surrey	Trans Mountain is committed to discussing the proposed crossing designs with the City of Surrey for incorporation of feedback into Detailed Engineering and Design.	City of Surrey IR No. 2.1.2.a	Prior to Construction	Complete	Superseded by CER Condition	14, 49	Crossing drawings were emailed to the City of Surrey. These were open to discussion through email exchanges as well as the TWG mechanism
704	Pipeline Engineering	Dorothy Doherty	Trans Mountain's Burnaby Mountain tunnel design will incorporate design features and operating procedures that recognize the unique nature of the installation and the lack of accessibility for future maintenance and repair of the sections of the Westridge delivery lines that are encased in concrete within the tunnel.	Doherty D IR No. 3.103g	Prior to Construction	Complete	Superseded by CER Condition	26	Trans Mountain design plans for the Burnaby Mountain Tunnel were provided through Condition 26b and Condition 27 regarding access requirements. The CER provided details on the two approved commitments on June 28, 2022 in Letter Report No. 148, which includes all filings related to the above mentioned Conditions (Filing ID C19764 PDF pg 8)
721	Pipeline Engineering	Township of Langley	Trans Mountain intends to consult with the Township of Langley regarding the Township's design criteria, and construction requirements and specifications as part of the Company's efforts to minimize construction damage.	Langley IR No. 2.16.a	Prior to Construction	Complete	Superseded by CER Condition	14, 49	Consultation with the Township of Langley on this topic has occurred within the context of the Technical Working Group mechanism established under Conditions 14 and 49. (Example: Filing ID C15378-1 PDF pg 20)
759	Pipeline Engineering	Katzie First Nation	Trans Mountain is committed to constructing the new pipeline (Line 2) in a manner that prevents column separation.	Katzie FN IR No. 2 2.13a	During Construction	Complete	Superseded by CER Condition	135	Condition 135 addresses potential slack line flow conditions. Slack line flow conditions can cause fluid column separation. Section 2.1 of the Slack Line Flow Report (C26824) indicates that the pipeline has been designed and constructed to prevent column separation. When Line 2 is operated at 100% MOP, 80% MOP and Minimum Flow, it is designed to be fully packed, therefore no slack line flow conditions are expected in Line 2 during normal operations.
761	Pipeline Engineering	Province of British Columbia	Trans Mountain will develop a management plan for terrain stability to be implemented during construction and to continue through operation once construction is completed.	Province BC IR No. 2.02c	Project Lifecycle	Complete	Superseded by CER Condition	66	Trans Mountain provides management plans for terrain stability through Condition 51 (CER Filing ID A83057 and updated Filing ID C05736) and Condition 66 - Risk Management Plan for Geohazards, which was filed on May 15, 2017 (Filing ID A83579) with an addendum following on June 16, 2017 (Filing ID A84457). The stability of terrain will be monitored through operations and a natural hazard assessment will be provided in Condition 147.
762	Pipeline Engineering	Province of British Columbia	Trans Mountain will carry out Terrain Stability Assessment (TSA) for selected Class III polygons where desktop study suggests that TSAs are warranted.	Province BC IR No. 2.02d	Prior to Construction	Complete	Superseded by CER Condition	66	Condition 66 Section 2.3 Temporary Stockpile Sites and Access Roads (Filing ID A83579-2 PDF pg 8) states that TSA's will be conducted on all Class III terrain.
764	Pipeline Engineering	Province of British Columbia	Trans Mountain will assign consequence scores to all but low vulnerability aquifers that are commensurate with aquifer High Consequence Areas (HCAs).	Province BC IR No. 2.08a	Prior to Construction	Complete	Superseded by CER Condition	15, 16, 17	Pipeline Risk Assessment for Line 2 filed under Condition 15 on March 1, 2017 (Filing ID A81928). Scoring information included for Aquifer HCAs. Valve Location Reports filed under Conditions 17 (Line 2) and 18 (Line 1) also considered HCA Aquifer Areas.
767	Pipeline Engineering	Landowner - City of Chilliwack, Province of British Columbia	Trans Mountain commits to evaluate available technologies as they develop with a goal for continually improving leak detection including non-Computational Pipeline Monitoring (CPM) based systems for the Trans Mountain pipeline system and will implement technologies that we determine to be viable and effective for our operations.	Province BC IR No. 2.16e; Detailed Route Hearing, Landowner City of Chilliwack, Written Evidence (para 63) (A93714)	During Operations	Complete	Superseded by CER Condition	115	SCADA and leak detection system design is covered under Condition 115. Trans Mountain filed its Condition 115(a) report on August 29, 2019 (CER Filing ID C01376), and its Condition 115(b) report on November 3, 2022 (CER Filing ID C21854). These filings addressed both CPM based leak detection systems as well as non-CPM based systems. Regarding the latter, Trans Mountain is installing a fibre-optic based real-time external leak detection system along the new line 2 pipeline segments and for the Westridge Delivery Lines. Other approaches are also discussed in the November 3, 2022 submission.
785	Pipeline Engineering	Province of British Columbia	Trans Mountain commits to implementing a Risk-Based Design for TMEP. This will include urban areas, agricultural lands, High Consequence Areas (HCAs) that include high Environmental sensitivities, and for seismically prone areas where slope instability may be an issue.	Province BC IR No. 2.13c	Prior to Construction	Complete	Superseded by CER Condition	15	Addressed through the Pipeline Risk Assessment filed under Condition 15 on March 1, 2017 (Filing ID A81928).
786	Pipeline Engineering	Province of British Columbia	Trans Mountain commits to use heavy wall pipe at all major and most minor watercourse crossings, road crossings, and pipeline facilities when not required by CSA Z662 for LVP pipelines.	Province BC IR No. 2.13c	Prior to Construction	Complete			
787	Pipeline Engineering	Province of British Columbia	Trans Mountain commits to use Cat II pipe, over and above industry standards, for all belowground Line 2 (TMEP) piping, and to develop equivalent and compatible welding procedures with proven notch toughness, even though Cat II pipe and proven notch toughness is not required for LVP pipelines.	Province BC IR No. 2.13c	Prior to Construction	Complete	Superseded by CER Condition	111	The use of Category II pipe across the project is confirmed by the Construction Alignment Sheets filed under Condition 104 CER accepted TMEP filings in the Letter Report from June 1, 2022 - C19352). Compatible welding procedures have been filed and accepted under Condition 111.

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788	Pipeline Engineering	Province of British Columbia	Trans Mountain commits to use Strain-Based Design and Engineering Critical Assessment (ECA) for large soil displacement loadings and muskeg areas when required.	Province BC IR No. 2.13c	During Construction	Complete	Superseded by CER Condition	70	Addressed by the Strain Based Design Report that was filed and accepted under Condition 70 (reference Filing IDs A84139 and A93587).
789	Pipeline Engineering	Province of British Columbia	Trans Mountain is committed to using a two (2) stage screening and review process to determine the most suitable crossing methodology for each watercourse based upon fish and fish habitat sensitivity, engineering, constructability, environmental and a number of other significant factors.	Province BC IR No. 2.13c	Prior to Construction	Complete			
790	Pipeline Engineering	Province of British Columbia	A commitment to update and implement Trans Mountain Natural Hazard Management Program for Geohazard along the Line 2 (TMEP) pipeline.	Province BC IR No. 2.13c	Post-Construction Monitoring	Complete	Superseded by CER Condition	147	Trans Mountain meets this commitment through Condition 147 as filed on April 25, 2025 (C34307) specifically part (b)(ii) that deals with the integration of the Line 2 data into the Natural Hazard Management Program, and part (b) (i) that requires to update at intervals not exceeding 5 years.
791	Pipeline Engineering	Province of British Columbia	Trans Mountain commits to inspect 100% of all production welds when not required by CSA Z662 (Clause 7.10.3.1) for LVP pipelines.	Province BC IR No. 2.13c	During Construction	Complete	Superseded by CER Condition	111	The Joining Program documents filed under Condition 111 specify that all welds are to be non-destructively examined (e.g. Filing ID C00700, A6W3U6, Section 12.2 at PDF Page 13). This is consistent with the requirements of Section 17 of the Onshore Pipeline Regulations, which override CSA Z662 provisions
797	Pipeline Engineering	Upper Nicola Band	Trans Mountain has committed to conduct in-line inspection and repair programs and will subject the pipeline to a pressure test in accordance with CSA Z662-11. These activities will ensure that the pipeline has a minimum safety factor of 1.25 relative to the licensed maximum operating pressure (MOP).	Upper Nicola Band IR No. 2.09j	During Construction	Complete	Superseded by CER Condition	112, 113	Hydrostatic testing protocols established in filings made under Conditions 112 and 113. Specifications require that piping be tested to at least 125% of MOP. In-line inspection and repair protocols established under the company's pipeline integrity management program.
799	Pipeline Engineering	Upper Nicola Band	As part of 2015 geotechnical work, additional field investigations will be undertaken to refine the assessment of all geohazards identified in the report.	Upper Nicola Band IR No. 2.10e	Prior to Construction	Complete	Superseded by CER Condition	15, 51, 65, 66, 68, 69	Geohazard management addressed through multiple conditions as listed. Additional field investigations underpinned those submissions under Conditions 16 and 66 with a field change mechanism also established under Condition 51.
801	Pipeline Engineering	Upper Nicola Band	Further sampling for Acid Rock Drainage / Metal Leaching (ARD/ML) characterization and delineation will be completed prior to construction This additional work will focus on geologic units with "High" and "Moderate" ARD/ML potential that were not previously sampled and areas where 2013 investigation results indicated the presence of PAG.	Upper Nicola Band IR No. 2.14	During Construction	Complete	Superseded by CER Condition	72	Condition 72 Metal Leaching Acid Rock Drainage Management Plan (C15325) addresses -- CER Approval Letter Report No 111 (C17740)
802	Pipeline Engineering	Upper Nicola Band	An ARD Mitigation Toolbox will be developed for use during construction. The ARD Mitigation Toolbox will summarize construction management practices and ARD/ML mitigation methods for pipeline construction.	Upper Nicola Band IR No. 2.15e	Prior to Construction	Complete	Superseded by CER Condition	51, 72	Condition 72 section 4.1.2 "Management and Responsibilities During Construction" (Filing ID C16914) ECMP filed November 2019 (Filing ID C03070) ML ARD Management Plans (Filing ID C15325)
805	Pipeline Engineering	Upper Nicola Band	Trans Mountain commits to working with Upper Nicola Band on further sampling for ARD characterization and delineation to be completed as part of the 2015 ARD work plan.	Upper Nicola Band IR No. 2.21	During Construction	Complete	Superseded by CER Condition	72	Metal Leaching and Acid Rock Drainage Management Plan provided as Section 4.1 of the Environmental Protection Plan filed under Condition 72 on June 1, 2017 (Filing ID A84106, A5Q7J9). As addressed in Section 3.3, the Upper Nicola Band declined the offer to participate in the field work.
810	Pipeline Engineering	Upper Nicola Band	Trans Mountain will review the findings including location and severity of Geohazard assessed with a FLOC value greater than 10-5 located in Upper Nicola/Sylix territory. Trans Mountain will re-assess the FLOC values based on the site specific field assessments and submit in a report prior to construction.	Upper Nicola Band IR No. 2.81 and 2.84 (pages 317 and 325)	Prior to Construction	Complete	Superseded by CER Condition	16	Addressed through the Quantitative Geohazard Frequency Assessment (Post Mitigation) Report that was filed under Condition 16 on March 1, 2017 (Filing ID A81931).
840	Pipeline Engineering	Andrew Weaver	Trans Mountain will file the Lower Mainland and Fraser Valley fault study in Q1 2015 as part of its previous commitment to file a seismic assessment for the pipeline corridor by March 31, 2015.	Weaver A IR No. 2.11	Prior to Construction	Complete	Superseded by CER Condition	69	Fault studies Report filed under Condition 69 on May 15, 2015 (Filing ID A83584).
847	Pipeline Engineering	Strata NW 313	Trans Mountain is committed to working with BC Hydro to find mutually agreeable engineering solutions in order to safely route the pipeline within the 30 m zone.	Strata NW313 IR No. 2.04c	Prior to Construction	Complete	Superseded by CER Condition	50	Engineering solution conveyed in the AC Mitigation Report filed by Trans Mountain under Condition 50 on February 2, 2018 (Filing ID A89790). Through Letter Report No. 21 dated August 16, 2018, the NEB accepted that the report complied with the requirements of the condition (Filing ID A93587 at PDF Page 6).
862	Pipeline Engineering	Squamish Nation	Site specific subsurface investigations for "high" and "moderate" liquefaction potential sites along the corridor will be performed in a phased approach on select sites starting spring/summer 2015, and will be based on findings from the investigation of the "very high" liquefaction potential sites and the potential for impact to the pipeline.	Squamish Nation IR No. 2.12.c	Prior to Construction	Complete	Superseded by CER Condition	68	Liquefaction Potential Report filed under Condition 68 on May 15, 2017 (Filing ID A83593).
905	Pipeline Engineering	City of Burnaby	Trans Mountain commits to removing workspace in the vicinity of the Habitat for Humanity homes.	NEB Route Hearing Transcript Seg 7 Vol 3 para 1993	Prior to Construction	Complete			Trans Mountain has incorporated the reduced workspace into their plans.
927	Pipeline Engineering	Landowner - David John Huntley, NEB	Trans Mountain commits to undertaking a vibration management and monitoring program related to the tunnel boring machine within the Westridge community, and providing the monitoring plan to the NEB prior to commencement of boring activities. The program will include a review the Ontario Ministry of Environment vibration-related regulations, and the BC WorkSafe and Health Canada guidelines, and adopt the more stringent of those guidelines; include a description of the complaint management system; include an assessment of baseline vibration levels; make use of geophones and microphones; include David John Huntley's residence within the monitoring area; and identify additional mitigation measures Trans Mountain can implement if vibration effects are experienced.	NEB Route Hearing , Transcript Seg 7 Vol 5 , para 3400,3523,3525NEB Route Hearing Decision Seg 7 Huntley Sec 7	Project Lifecycle	Complete			Filing ID C13138, CER decision, Determination of Compliance with commitment 927, Vibration Monitoring Plan, Phase 39, Burnaby Tunnel.
934	Pipeline Engineering	Landowner - David John Huntley, NEB	Trans Mountain commits to making the vibration and noise management / monitoring programs part of the construction notification program.	NEB Route Hearing TranscriptSeg 7 Vol 5 para 3506,3524NEB Route Hearing	During Construction	Complete			Vibration monitoring is mentioned in every applicable notification issued. This is also supported through posts on TMEP website and through the "Trans Mountain Communication and Notification Plan".

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				DecisionSeg 7 Huntley Sec 7					
935	Pipeline Engineering	Landowner - David John Huntley, NEB	Trans Mountain commits to notifying the NEB of any changes that are required to its currently filed or outstanding condition filings as a result of this proceeding (Route Hearing - Segment 7 Burnaby Tunnel).	NEB Route Hearing Decision Seg 7 Huntley Sec 7	Project Lifecycle	Complete			Confirmation that review was completed and no updates are required.
1109	Pipeline Engineering	Township of Langley	Trans Mountain will commit to reinstating pavement cuts to the Township's specification.	Langley IR No. 2.19.a	During Construction	Complete			As stated in the Executed Master Crossing Agreement with the Township of Langley, the pavement cuts shall be adhered to through the Township of Langley Pavement Cut Policy.
1136	Pipeline Engineering	City of Burnaby	Installation of monitoring (slope inclinometers and piezometers) as part of the geotechnical drilling investigation for the trenchless construction alternative through Burnaby Mountain.	City Burnaby IR No. 1.33.11j	Prior to Construction	Complete			Piezometers were installed but slope inclinometers could not be placed during Burnaby Mountain drilling. Not feasible to return to Burnaby Mountain to install inclinometers. BGC Burnaby Mountain Tunnel Phase I Site Investigation Report (BGC 2015a).
1239	Pipeline Engineering	NEB	Trans Mountain commits to filing a Geotechnical and HDD feasibility study for the Thompson River 7 crossing by the end of Q1 2018.	NEB Cond IR No. 67.1	Prior to Construction	Complete			Associated information filed on March 29, 2018 (Filing ID A90975).
1286	Pipeline Engineering	NEB	Trans Mountain commits to filing Geotechnical and HDD feasibility reports for the following crossings: Blackmud Creek; Whitemud Creek; Hardisty Creek; Coldwater River 1; Coldwater River 3; and Sumas River, in Q2 2018.	NEB Cond IR No. 67.1	Prior to Construction	Complete			Geotechnical and HDD Feasibility Reports filed on June 1, 2017 for Blackmud Creek, Whitemud Creek, and Hardisty Creek per Condition 67 (Filing ID A84152). The Coldwater 1, Coldwater 3, and Sumas River crossings are all now direct pipe crossings with HDD no longer contemplated.
1310	Pipeline Engineering	Squamish Nation	Trans Mountain will commit to deploying acoustic leak detection tools on a regular basis to ensure that no pinhole leaks are present as a further level of precaution.	Squamish Nation IR No. 2.12.h	During Operations	Complete	Superseded by CER Condition	115	Trans Mountain confirmed its intention to install a fiber optic based real-time detection system along Line 2 and the new delivery lines in a report filed under Condition 115(a) on August 29, 2018 (Filing ID C01376).
1405	Pipeline Engineering	NEB	Trans Mountain commits to filing a determination in Q2 2018, as to whether previously filed geotechnical and HDD feasibility reports will be updated for the following crossings: Fraser River; Salmon River; South Fraser Perimeter Road East (Center Creek); Fraser Heights (unnamed creek); and Raft River.	NEB Cond IR No. 67.1	Prior to Construction	Complete			Addressed through HDD-related submissions made on May 28, 2017 and June 29, 2018 (Filing IDs A92138 and A92789).
1409	Pipeline Engineering	NEB	Trans Mountain commits to filing the Engineering Alignment Sheets with the Board, as and when it becomes available in August 2018 or thereafter, and prior to commencing construction in Spread 5B.	NEB Cond IR No. 76.1	Prior to Construction	Complete			Engineering Alignment Sheets filed as part of spread packages under Condition 104. Updated Construction Alignment Sheets specific to Spread 5B filed on April 3, 2020 (Filing ID C05600).
1520	Pipeline Engineering	City of Burnaby	Trans Mountain Pipeline ULC (Trans Mountain) will commit to deploying acoustic leak detection tools on a regular basis in the Westridge Delivery lines to ensure that no pinhole leaks are present.	City Burnaby IR No. 2.007h	During Operations	Complete	Superseded by CER Condition	115	Trans Mountain confirmed its intention to install a fiber optic based real-time detection system along Line2 and the new delivery lines in a report filed under Condition 115(a) on August 29, 2019 (Filing ID C01376).
1591	Pipeline Engineering	NEB	Trans Mountain commits to filing the Engineering Alignment Sheets with the Board, as and when it becomes available in August 2018 or thereafter, and prior to commencing construction in Spread 6.	NEB Cond IR No. 76.1	Prior to Construction	Complete	Superseded by CER Condition	104	Trans Mountain has filed Engineering Alignment Sheets for the entirety of Line 2 under Condition 104. The Engineering Alignment Sheets for Spread 6 were filed on February 11, 2022 (C17685).
1668	Pipeline Engineering	NEB	Trans Mountain commits to filing revised geotechnical and feasibility reports for the South Fraser Perimeter Road East (Centre Creek) and Salmon River watercourse crossings by the end of Q2, 2018.	NEB Cond IR No. 77.1b, c	Prior to Construction	Complete	Superseded by CER Condition	67	Addressed through the submission made under Condition 67 on June 29, 2018 (Filing ID A92789) and approved by the CER on August 16, 2018 (A93587)
1670	Pipeline Engineering	NEB	Trans Mountain commits to filing an updated Condition 15 compliance report with the correct chainage reference for the Hargreaves scraper trap, by March 26, 2018.	Req for Relief Change in Line 2 PL Diameter TMEP Relief Request	Prior to Construction	Complete			Associated update provided on March 26, 2016 (Filing ID A90803, A6C5U6, Response to NEB IR 62.1).
1675	Pipeline Engineering	Landowner - Cribb Construction	Trans Mountain is committed to: 1. constructing the crossing of the service road using conventional bore techniques to ensure access to the property is maintained throughout construction; 2. extending the road crossing to an approximate 120 metre long horizontal drill bore which would extend to the east side of the open water pond thereby reducing impacts to the open water pond; and 3. should a horizontal drill bore not be feasible, installing an aqua dam to isolate the open water pond for construction, and reconstruct it after construction of the new TMEP pipeline.	NEB Route Hearing TMEP Evidence Seg 1 & 2 Cribb Construction, NEB Route Hearing Transcript Seg 1 & 2 Vol 4 para 2797,3052-3057,3198, NEB Route Hearing Decision Seg 1 & 2 Cribb Construction Sec 3	During Construction	Complete			Conventional bore techniques were used to construct this section of pipeline, an approximate length of 138m from 179+803 to 179+942.
1679	Pipeline Engineering	Landowner - Janet and Lyle Russell	Trans Mountain commits to 1. Implementing the routing approach shown in Appendix B of the Trans Mountain Reply Evidence, which shows the anticipated modification of the alignment, so as to permit the construction of an access road in the location contemplated by Ms. and Mr. Russell; 2. Continuing to engage with Ms. and Mr. Russell on resolution of the route alignment that enables future subdivision; 3. Modifying the alignment on the lands south of the existing pipeline to address Yellowhead County's Guidelines by increasing depth of cover, changing the crossing location and angle, and narrowing the right-of-way; and 4. Continuing to work with Yellowhead County and Ms. and Mr. Russell in an effort to obtain Yellowhead County's written agreement for a variance relative to the new TMEP pipeline and the Russells' planned future development.	NEB Route Hearing TMEP Evidence Seg 1 & 2 Janet & Lyle RussellNEB Route Hearing Transcript Seg 1 & 2 Vol 1 para 86,93,256-261,264,265NEB Route Hearing Decision Seg 1 & 2	Prior to Construction	Complete			Results of commitment reflected in the correspondence that Trans Mountain filed with the NEB on October 1, 2018 (Filing ID A94324). This included updated environmental and construction alignment sheets.

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				Janet & Lyle Russell Sec 2.3					
1696	Pipeline Engineering	City of Chilliwack, NEB, Waterweath Project	Trans Mountain commits to installing an additional mainline isolation valve in the nearest logical proximity with power and communications, at or before the eastern start of Silverthorne Road, within the Chilliwack BC Hydro Route Realignment.	Route Variance Chilliwack BC Hydro Application pg10Route Variance Chilliwack BC Hydro TMEP Response dated July24 2017Route Variance Chilliwack BC Hydro TMEP Response dated Aug21 2017Route Variance Chilliwack B Waterweath IR 1.2	Prior to Construction	Complete			Line 2 Valve Locations Report filed under Condition 17 on March 1, 2017 (Filing ID A81943). Automated mainline block valve planned to be installed at KP 1094.160 (Valve Identifier 2K1094, see A5J2A5 at PDF Page 13).
1697	Pipeline Engineering	City of Chilliwack, NEB, Waterweath Project	Trans Mountain commits to incorporating enhanced external leak detection based on fibre optic technology across the Vedder Fan Aquifer, between Kinkora Golf Course and Vedder River isolation valves.	Route Variance Chilliwack BC Hydro TMEP Response dated June6 2017Route Variance Chilliwack BC Hydro TMEP Response dated July24 2017Route Variance Chilliwack BC Hydro NEB IR 2.1b)Route Variance Chilliwack BC Hydro City of Chilliwack IR 1.2.4dRoute Variance Chilliwack B Waterweath IR 1.1	Prior to Construction	Complete	Superseded by CER Condition	115	Trans Mountain has provided a full description of its leak detection system methodologies through Condition 115 filings (Filing IDs C01376 and C21854). In this connection, Trans Mountain committed to install a fibre optic based external leak detection system along the new Line 2 pipeline segments.
1713	Pipeline Engineering	NEB	Trans Mountain commits to filing the set of Engineering Alignment Sheets with the Board, as and when it becomes available in August 2018 or thereafter, and prior to commencing construction in Spread 7.	NEB Cond IR No. 76.1	Prior to Construction	Complete	Superseded by CER Condition	104	Engineering Alignment Sheets filed as part of spread packages under Condition 104. Construction Alignment Sheets for Spread 7 filed on January 3, 2020 (Filing ID C03931) and on January 13, 2022 (Filing ID C17192).
1721	Pipeline Engineering	NEB	Trans Mountain commits to installing the new pipeline in the area of the Chilliwack BC Hydro Route Realignment, to a depth of between 1.2 m and 2.5 m, depending on such factors as road and utility infrastructure crossings, and agricultural areas where deep tillage is possible.	Route Variance Chilliwack BC Hydro NEB IR 1.3 Route Variance Chilliwack BC Hydro TMEP Response dated July 24 2017, Route Variance Chilliwack BC Hydro NEB IR 2.1b, Route Variance Chilliwack BC Hydro NEB IR 5.4, Route Variance Chilliwack BC Hydro Transcript Vol2 para1844	Prior to Construction	Complete			Alignment sheets show minimum depth of cover of 1.2 meters through this overall area, with deeper burial specified as required for certain localized areas.
1724	Pipeline Engineering	City of Chilliwack	Trans Mountain commits to having a remotely operated block valve upstream of the Vedder River watercourse crossing and a check valve downstream, to limit the potential spill volume in the river in the very low likelihood event of a leak or rupture.	Route Variance Chilliwack BC Hydro TMEP Response dated Aug21 2017Route Variance Chilliwack BC Hydro Transcript Vol1 para125	Prior to Construction	Complete			Planned installation of these two valves on either side of Vedder River confirmed in the Line 2 Valve Locations Report filed March 1, 2017 (Filing ID A81943). See entries for Valves 2K1099 and 2K100 (A81943-4, PDF page 13).
1725	Pipeline Engineering	NEB	Trans Mountain commits to installing marker tape just above the buried pipeline, in the area associated with the Chilliwack BC Hydro Route Realignment.	Route Variance Chilliwack BC Hydro NEB IR 2.1b	Prior to Operations	Complete			Pipeline construction in the area of the Chilliwack BC Hydro Route Realignment (KP 1095.5 and KP 1097.3) included installation of marker tape above the pipeline for trenched construction areas.
1727	Pipeline Engineering	NEB	Trans Mountain commits to the following mitigation measures in order to protect the pipeline against ground potential rise due to power system fault conditions:1) installing one 960 m run of 2/0 copper wire connected to the pipe via DC decouplers, (1095+280 to 1096+240); and 2) installing grounding to decrease tower voltage rise below 175 kV (1095+240 @ 5L081).	Route Variance Chilliwack BC Hydro NEB IR 5.1d	Prior to Construction	Complete	Superseded by CER Condition	50	Addressed through the AC Interference Mitigation filings made under Condition 50 (Filing IDs A83056, A92906, and A94015) and approved by the CER August 16, 2018 (A93587)

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1728	Pipeline Engineering	NEB	Trans Mountain commits to filing its report on the assessment of AC interference effects on TMEP for the Lower Mainland, with the NEB and providing a copy of that report to BC Hydro, by Feb. 2, 2018.	Route Variance Chilliwack BC Hydro NEB IR 5.1d	Prior to Construction	Complete	Superseded by CER Condition	50	Associated filings made under Condition 50 (Filing IDs A83056, A92576, A92906, and A94105).
1736	Pipeline Engineering	NEB	Trans Mountain commits to revising the Field Changes Manual for Geohazard Mitigation to reference the Environmental Protection Plan (EPP) where discharge of groundwater seepage may be implemented as a potential mitigation option.	NEB Cond IR No. 13.3	Prior to Construction	Complete	Superseded by CER Condition	51	The updated version of the Field Changes Manual for Geohazard Mitigation was filed under Condition 51 on April 15, 2021 (Filing ID C05736). The revisions that are the subject of this commitment appear at PDF Pages 41 and 59.
1747	Pipeline Engineering	City of Coquitlam	Trans Mountain commits to 1. avoiding exacerbating effects of the pipeline on surrounding infrastructure, in part through selecting back fill materials to avoid differential settlement; 2. mitigating potential differential settlement by using a two-meter depth of cover on United Boulevard; 3. using a specialist engineering firm to develop detailed engineering plans that would reflect settlement and existing contamination considerations.	NEB Route Hearing Decision Seg 7 City of Coquitlam Sec 2.3.2	Prior to Construction	Complete			Detailed engineering plans to be developed and results incorporated in the construction alignment sheets. Completion Timeline: 1) April 27, 2020 2) December 6th, 2018 3) October 2019
1751	Pipeline Engineering	Landowner - Min Guo	Trans Mountain commits to 1. ensuring pipeline is designed to the appropriate standards and accepted practices for seismic considerations in this region; 2. conducting noise modelling.	NEB Detailed Route Hearing Transcript Volume 9 para 6079, NEB Detailed Route Hearing Decision Seg 7 Min Guo Sec 2.4	Prior to Construction	Complete			As the commitment appears to apply to the South Fraser Perimeter Road HDD, Conditions 68 and 74 apply and address the commitment.
1752	Pipeline Engineering	NEB	Trans Mountain commits to conducting additional detailed investigations at Moonbeam Creek North Slope earth landslide, including borehole drilling and installation of subsurface displacement monitoring tools.	NEB Cond IR No. 78.1d	During Construction	Complete			Commitment addressed by CER Condition 71, CER Filing ID C05736, Field Changes Manual for Geohazard Mitigation
1757	Pipeline Engineering	NEB	Trans Mountain commits to filing the entire set of Engineering Alignment Sheets with the Board, as and when it becomes available in August 2018 or thereafter, and prior to commencing construction in Spreads 1, 2, 3 and 4.	NEB Cond IR No. 76.1	Prior to Construction	Complete			Engineering Alignment Sheets filed as part of spread packages under Condition 104. Updated spread packages for Spreads 1, 2, 3, and 4 filed in July 2019 (Filing IDs C00470, CA00476, CC00477, and C00478).
1760	Pipeline Engineering	Landowner - Underhill Lands Ltd	Trans Mountain commits to 1. keeping the alignment as far from the building as possible within this PPBoR, taking into account the setbacks associated with the power poles; 2. continuing to engage with BC Hydro to explore further options in order to minimize the impact on Underhill; 3. if BC Hydro responds prior to construction, to work with Underhill and BC Hydro to attempt to relocate power lines and to return to the Board to amend the PPBoR if the power lines can be relocated with a route that takes advantage of the revised power line location.	NEB Route Hearing Decision Seg 7 Underhill Lands Ltd Sec 3	Prior to Construction	Complete			
2034	Pipeline Engineering	BC Parks	Vehicle and pipeline crossing methods have been selected to reduce Project-specific effects in consideration of presence and use by fish species of concern in Finn Creek. Trans Mountain will conduct the crossing using an isolated crossing method (i.e., if water is present) or open cut crossing (i.e., if dry or frozen to bottom). Although not stated in the original application, the use of a diversion channel is being considered to successfully isolate the section of channel at the crossing location. If used during a period of low flow (e.g., fall), a diversion would allow fall spawning species, such as bull trout, to continue a migration upstream to spawning habitat, unaffected by instream construction.	BC Parks boundary adjustment application (August 2014) Tab A - Finn Creek Provincial Park	During Construction	Complete			Trans Mountain has conducted an isolated crossing method for the Finn Creek crossing location.
2155	Pipeline Engineering	Shxw'owhámel First Nation	Trans Mountain has proposed a pipeline re-alignment from Alternative Kilometer Post (AK) 1057 to AK 1059, designed to avoid the pithouses and archaeological sites identified by Shxw'owhámel First Nation.	Public Land Reply Evidence	Prior to Construction	Complete			Commitment canvassed in CV2021-395 with compliance confirmed in final report.
2174	Pipeline Engineering	NEB	Trans Mountain will install permanent mitigation measures on any portion of the pipeline that will be buried for longer than four months prior to completion of the project.	NEB IR No. 2.075c	During Construction	Complete	Superseded by CER Condition	50	Permanent AC mitigation was installed during construction on all BC and Alberta portions of the pipeline requiring protection from induced AC voltage in accordance with the applicable CSA and NACE standards.
2236	Pipeline Engineering	C.G.L.A.P. - Collaborative Group of Landowners Affected by Pipelines	Where deep tillage and sub-soiling is practiced, Trans Mountain will install the pipeline at deeper depth of cover than the standard 0.9 m. Based on information gathered to date, tillage and sub-soiling may be as deep as 0.7 m from existing grade. In these situations, Trans Mountain would propose that the pipeline would need a depth of cover of minimum 1.2 m measured from existing grade.	CGLAP IR No. 1.9d	During Construction	Complete			
2336	Pipeline Engineering	City of Abbotsford	Trans Mountain is committed to minimizing its construction footprint through City of Abbotsford Parks, but cannot enter into binding agreements at this time due to uncertainty of site conditions and the early stage of detailed engineering and design. Trans Mountain will plan to locate any temporary workspaces (e.g., laydown areas, storage areas) outside of City of Abbotsford park areas and only use what land is necessary to install the pipe safely in the trench.	City of Abbotsford IR No. 2.2.04a	Prior to Construction	Complete	Superseded by CER Condition	14, 49	Trans Mountain worked with the City of Abbotsford to minimize the footprint through City of Abbotsford parks. For example: Straiton Park is located immediately east of the Caves Court trenchless crossing. Initially, a Direct Pipe Installation (DPI) was planned for this crossing, which would require a ~1.4 ha clearing for a drag section in Straiton Park. Trans Mountain decided to install the pipe using a guided horizontal auger bore method, placing the bore pit within the easement and eliminating the need for the ~1.4 ha of clearing within the Park. In addition, the construction footprint was largely contained within the approved easement, avoiding clearing within ~0.8 ha of approved temporary workspace within the Park.
2352	Pipeline Engineering	Metro Vancouver	As part of the detailed design process, Trans Mountain will design watercourse crossings for scour and bank stability to meet the conditions of a 1 in 200 year flood event. The mitigation will be selected on a case by case basis but will include either burying the pipe sufficiently deep or to provide other protection such as bank stabilization.	Reply Evidence 10.22 Watercourses - p10-1 - line 19	Prior to Construction	Complete	Superseded by CER Condition	43, 65	Hydrology Report for Notable Watercourse Crossings filed under Condition 65 on May 19, 2017 (Filing IDs A83733 and A83735). Use of 200-year flood design basis confirmed in Section 3.2.3 (Filing ID A83733-2, PDF pg 22). Watercourse crossing drawings filed under Condition 43 show that minimum depth-of-cover requirement being met (e.g. Filing ID A82369, Appendix E).

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2360	Pipeline Engineering	Upper Nicola Band	In response to metal leaching from the pipeline itself, Trans Mountain will apply protection to the pipeline from corrosion and metal deterioration by the application of a fusion bond epoxy (FBE) coating system on the outer surface of the pipeline to act as a barrier to the environment.	Reply Evidence 11.3 Metal Leaching and Acid Rock Drainage - p 6 - line 18	During Construction	Complete			Line pipe being coated with fusion bond epoxy coating per Trans Mountain's FBE Plant Applied Coating Specification (Document #TMPEP-GC3105).
2361	Pipeline Engineering	City of Burnaby, Landowner - Lisa Craig	Trans Mountain will ensure proposed tunneling to route the pipeline expansion through Burnaby Mountain will be completed entirely from portals within the Burnaby and Westridge Terminal facilities. Trans Mountain will seek to minimize impact to the Burnaby Mountain Conservation Area lands through clearing or any other construction activities.	Reply Evidence 11.4.1 Potential to Destabilize Burnaby Mountain - p6 -line 33NEB Route Hearing Transcript Seg 7 Vol 3 para 1772	During Construction	Complete	Superseded by CER Condition	26 b) ii)	Consistent with Condition 26, the Westridge Delivery Lines are routed through a tunnel that is being bored through Burnaby Mountain. As detailed in the Condition 26 report (Filing ID A81936-2 Section 3.2), there are portals at either end of the tunnel within the boundaries of the Burnaby and Westridge Terminals. By utilizing this tunneling approach, Trans Mountain has minimized impacts to the Burnaby Mountain Conservation Area. CER Approval Letter Filing ID C05005 PDF pg 7 (March 4, 2020)
2362	Pipeline Engineering	City of Burnaby, Landowner - Lisa Craig	Trans Mountain will backfill the tunnel to prevent the development of a conduit for groundwater flow.	Reply Evidence 11.4.1 Potential to Destabilize Burnaby Mountain - p6 -line 33, NEB Route Hearing TMPEP Evidence Seg 7 Burnaby para 294	During Construction	Complete	Superseded by CER Condition	27	Trans Mountain has backfilled the tunnel as confirmed through its Condition 27 Burnaby Mountain Tunnel Option (Filing ID C22691) - backfilling submissions that the tunnel will be backfilled and provides related technical details (Filing ID C25742).
2368	Pipeline Engineering	Yarrow Ecovillage	Trans Mountain confirms that the pipeline will remain within the existing right of way and the centre line of the proposed pipeline will be 6m offset from the existing pipeline, on the southern side.	Reply Evidence 13.4 Yarrow EcoVillage, Chilliwack - p2 - line 11	Prior to Construction	Complete			
2376	Pipeline Engineering	NEB	As part of the detailed design process, Trans Mountain will design watercourse crossings for scour and bank stability to meet the conditions of a 1 in 200 year flood event. The mitigation will be selected on a case by case basis but will include either burying the pipe sufficiently deep or to provide other protection such as bank stabilization.	Reply Evidence 10.2.2 Watercourses - p10-1 - line 19	Prior to Construction	Complete	Superseded by CER Condition	43, 65	Hydrology Report for Notable Watercourse Crossings filed under Condition 65 on May 19, 2017 (Filing IDs A83733 and A83735). Use of 200-year flood design basis confirmed in Section 3.2.3 (Filing ID A83733-2, PDF pg 22). Watercourse crossing drawings filed under Condition 43 (e.g. Filing ID A82369, Appendix E)
2384	Pipeline Engineering	NEB	Trans Mountain will ensure the TMPEP pipeline, including line pipe and heavy wall pipe (but excluding facilities pipe), will be made of low carbon, high strength, low alloy, Grade 483 steel. The nominal pipe size (NPS) 42, 36, 30 pipe will be manufactured in accordance with CSA Z245.1, Steel Pipe and Trans Mountain Standard MP2120 Main Line Pipe Material. Trans Mountain will ensure all mainline pipe will be manufactured using standard manufacturing procedures for longitudinal and/or helical seam (spiral) submerged arc welded pipe with controlled rolling practices utilized to improve strength, ductility, weldability, and toughness properties of the pipe.	Reply Evidence 15.4 Seismic Hazard Mitigation - p11 - line 30	Prior to Construction	Complete			New mainline pipe manufactured to requirements of TMPEP Documents TMPEP-01 EW "Electric-Welded Steel Pipe Specification" and TMPEP-01 SAW "Submerged-Arc Welded Steel Pipe Specification".
2385	Pipeline Engineering	Metro Vancouver	In addition to working closely with Metro Vancouver through a Technical Working Group (TWG) to mitigate potential conflicts, Trans Mountain will facilitate the necessary coordination between its contractor and Metro Vancouver's contractor(s) to prevent interference with work space requirements, construction methods and working areas.	Reply Evidence 16.1.3 Construction Schedule Conflicts - p1 - line 29	Prior to Construction	Complete			
2466	Pipeline Engineering	NEB	Trans Mountain's eventual Project footprint will avoid the mature forest community in the Brunette River Conservation Area.	Reply Evidence 37.1.2 Vegetation - p37-2 - line 18	Prior to Construction	Complete			Trans Mountain has communicated with the City of Burnaby to ensure the Project footprint does not impede onto the Brunette River Conservation Area. All construction plans have been discussed with the City of Burnaby and an agreement has been reached.
2503	Pipeline Engineering	City of Burnaby	Trans Mountain will install monitoring (slope inclinometers and piezometers) as part of the geotechnical drilling investigation for the trenchless construction alternative through Burnaby Mountain.	City Burnaby IR No. 33.11j	Prior to Construction	Complete			BGC Burnaby Mountain Tunnel Phase I Site Investigation Report (BGC 2015a).
2554	Pipeline Engineering	Fraser Valley Regional District	Trans Mountain committed to implement Master Municipal Construction Documents (MMCD) guidelines for any engineering requirements for pipeline crossing FVRD infrastructure.	This commitment was made since the close of intervenor's evidence: Email from Brendan Osorio, Lead Project Engineer, UPI, re TMPEP-FVRD Meeting Follow up, sent October 2, 2015 to T. Islam and G. Daneluz, FVRD	Prior to Construction	Complete			
2556	Pipeline Engineering	City of Abbotsford, Fraser Valley Regional District, Township of Langley	Trans Mountain has committed to changing the alignment of the pipeline from the west side of Redwoods Golf Course to the east side.	Technical Working Group	Prior to Construction	Complete			Trans Mountain has been working with Redwoods Golf Course during the planning stages of this alignment. Redwoods Golf Course has consented to the mutually beneficial revised route.

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2565	Pipeline Engineering	NEB	Trans Mountain will commit to apply minimum clearance of 0.7 m in urban areas , where practical, and a precast slab will be installed between the new TMEP pipeline and the adjacent facility. A Typical Foreign Pipeline Crossing drawing is included in Appendix C.	Application Volume 4A s. 3.2.18 p4A-26; Application Volume 4A Appendix C	Prior to Construction	Complete			
2581	Pipeline Engineering	City of Burnaby	If the Barnet Escarpment Trail is south of the Westridge Terminal and north of the Kask Brothers site, the proposed revised pipeline corridor will likely undercross it in trenchless mode. Trans Mountain will work with the City of Burnaby to reduce impacts, where practical.	City Burnaby IR No. 1.44.01o	During Construction	Complete			Burnaby Mountain Tunnel installation has precluded any impacts to the Burnet Escarpment Trail.
2632	Pipeline Engineering	NEB	Trans Mountain will avoid disturbance of known gathering places during right-of-way finalization, to the greatest extent practical.	Application Volume 5B Table 7.2.2-4 p7-27	Prior to Construction	Complete			Precise routing has been addressed through the detailed route (PPBoR) process. Extensive consultations bore on the detailed route selection and stakeholders and Indigenous communities had a full opportunity to participate in the detailed route process.
2645	Pipeline Engineering	NEB	Trans Mountain will ensure rail lines will be crossed using a trenchless crossing method (e.g., bore or horizontal directional drilling (HDD)).	Application Volume 5B Table 7.2.5-2 p7-122	During Construction	Complete			Crossing plans for mainline pipe incorporate trenchless crossing methods for all railway crossings.
2651	Pipeline Engineering	NEB	Trans Mountain will use mitigation at site TMEP-004, located at RK 14 to neutralize any acid that were to be generated from the coal seams. Suggested mitigation includes removal of the coal fragments, or blending of the excavated material with limestone where coal fragments exist. Shake flask extraction data is not available for this site.	Application Volume 5C s. 5.1 p21	During Construction	Complete			Trans Mountain will use mitigation at site TMEP-004, located at RK 14 to neutralize any acid that were to be generated from the coal seams. Suggested mitigation includes removal of the coal fragments, or blending of the excavated material with limestone where coal fragments exist. Shake flask extraction data is not available for this site.
2814	Pipeline Engineering	City of Abbotsford	Trans Mountain will commit to special designs for the pipeline, in select areas for the Auguston development near KP 1117 to 1118 and beyond to McKee Road.	City of Abbotsford IR No. 2.7.24	Prior to Construction	Complete			The relevant alignment sheet (Spread 6 - KP 1115.140 to 1116.670) provides details on the special designs, used for the area around McKee Road at KP 1116.50 (heavy wall pipe and increased pipe depth of cover).
2858	Pipeline Engineering	City of Abbotsford	Trans Mountain is committed to use trenchless method at Mt. Lehman Rd. and through the parking lot of the City's Mt. Lehman firehall. If geotechnical conditions preclude use of trenchless method, Trans Mountain will use construction methods that maintain access to the firehall 24 hours per day for the City's emergency services. Trans Mountain is committed to consult with the City of Abbotsford and its emergency services as it develop its construction plans in this area.	City Abbotsford IR No. 1.21b	Prior to Construction	Complete			A trenchless crossing with be undertaken for Mt. Lehman Rd. and the firehall parking lot.
2892	Pipeline Engineering	City of Surrey	Trans Mountain will ensure alignment of pipeline to avoid City of Surrey parkland at RK 1158.5.	City Surrey IR No. 1.1f	Prior to Construction	Complete			Detailed Route Hearing Order MH-043-2017 (A88017-1), where TMEP explains the three HDD being utilized to minimize impacts along this route, reducing impacts such as tree removal.
2912	Pipeline Engineering	Dorothy Doherty	Trans Mountain will use pipe and pipe coating materials for the Trans Mountain Line 2 design that exceed the minimum requirements of Canadian Standards Association (CSA) Standards and will exceed or be equivalent to the current pipeline industry practice.	Doherty D IR No. 1.02g	During Construction	Complete			Pipe and coating materials are conforming to the Electric-Welded Steel Pipe Specification (TMEP-01 EW), FBE Plant Applied Coating Specification (TMEP-GC3105), and Two-Part Liquid Shop Applied Coating Specification (TMEP Document GC3306).
2929	Pipeline Engineering	Environment Canada	In the Brunette River Conservation Area, Trans Mountain commits that the trenchless installation technique will be used to cross from the Sapperton Rail.	GoC IR No. 2.025.a	Prior to Construction	Complete			Trenchless installation planned to be used per Drawing No. M002-XR10065.
2939	Pipeline Engineering	Natural Resources Canada	Trans Mountain will commit to implementing weld toughness testing of electric welded pipe at the minus 5 degrees Celsius (-5°C) temperature.	GoC NRCan IR No. 1.10.02	Prior to Construction	Complete			
2962	Pipeline Engineering	Government of Canada	Trans Mountain commits that the employees employed during the summer and fall 2014 survey will be invited to work during the 2015 survey season by the [land survey] contractor.	GoC IR No. 2.05.3	Prior to Construction	Complete			
3101	Pipeline Engineering	Regional District of Fraser-Fort George	Trans Mountain commits to treat the former landfill site at RK 522 as a sensitive area during construction operations and implement vibration monitoring in consultation with the Regional District of Fraser-Fort George.	RD of Fraser-Fort George IR No. 1.06b	During Construction	No Longer Applicable			Pipeline relocated to avoid impacts to the Landfill site.
3528	Pipeline Engineering	Upper Nicola Band	An Acid Rock Drainage (ARD) management plan will be developed as part of detailed engineering and design. Trans Mountain will conduct inspections and post-construction seepage sampling at areas where potentially acid generating material has been identified or exposed during construction.	Upper Nicola Band IR No. 1.03l	Post-Construction Monitoring	Complete	Superseded by CER Condition	72	Trans Mountain developed an Acid Rock Drainage Management Plan provided in Section 4.1 of Condition 72 (Filing ID A84106, updated in 2021 C15325) provides all environmental procedures, mitigation measures, and monitoring. Section 7.0 of the plan provides details of post-construction monitoring and reporting.
3533	Pipeline Engineering	Township of Langley	Trans Mountain will commit to reinstating pavement cuts to the Township's specification.	Langley IR No. 2.19.a	During Construction	Complete			As stated in the Executed Master Crossing Agreement with the Township of Langley, the pavement cuts shall be adhered to through the Township of Langley Pavement Cut Policy.
3542	Pipeline Engineering	C.G.L.A.P. - Collaborative Group of Landowners Affected by Pipelines	In areas where pipeline depth needs additional cover to accommodate deep tillage the pipeline will be buried with soil cover over the pipe of 1.2m.	CGLAP IR No. 1.5c	Prior to Construction	Complete			
3554	Pipeline Engineering	BC Parks, NEB	All provincial parks, protected areas and recreation areas will be traversed with 11.8 mm wall thickness pipe. All major watercourse crossings in parks and protected areas will be constructed using heavy wall pipe. The Clearwater River will be 19.0 mm extra heavy wall thickness pipe as the pipeline is proposed to be installed by a horizontal directional drilling (HDD) method. The extra heavy wall thickness is required for large loads imposed during installation and during the pipe pull and finished pipeline profile in the bored hole. If the Clearwater River HDD proves to be unsuccessful then the contingency, in-stream design would be implemented with a wall thickness of 14.7mm or	BC Parks boundary adjustment application (August 2014)	Prior to Construction	Complete			TMEP used the trenchless construction method at Clearwater River. The direct pipe installation (trenchless method) used a pipe wall thickness of 19.0mm as identified in the engineering alignment sheets filed under Condition 104 (Filing ID C17171-2 PDF pg 24).

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			the 19.0 mm thick pipe planned for the HDD if the pipe had already been welded into a pipe string in preparation for pipe pulling.						
3559	Pipeline Engineering	Burnaby Residents Opposing Kinder Morgan Expansion - BROKE	If a specific fault poses an unacceptable risk to the project, Trans Mountain will develop a fault-specific crossing design to mitigate risk to an acceptable level.	BROKE IR No. 2.1e	Prior to Construction	Complete	Superseded by CER Condition	69	Fault Studies Report filed under Condition 69 on May 15, 2017 (Filing ID A83584, Document A5L7L0). The probability of encountering an active fault along the pipeline route was determined to be low, with no attendant mitigation measures identified.
3652	Pipeline Engineering	The City of Edmonton	Trans Mountain will use minimum 14.7 mm wall thickness pipe through Whitemud Drive area. HDD will be minimum 19.0 mm WT.	Non-Regulatory Commitment	Prior to Construction	Complete			Installation completed using heavy wall pipe per commitment.
3662	Pipeline Engineering	Merritt Airport Authorities	Trans Mountain pipeline design will need to accommodate the Merritt Airport proposed runway expansion.	Non-Regulatory Commitment	Prior to Construction	Complete			Trans Mountain has tailored its pipeline design to accommodate the proposed runway expansion. The pipe in this expansion area will be heavy wall and buried at extra depth. Details are shown on Drawing No. M002-XH02833.
3668	Pipeline Engineering	City of Abbotsford	Trans Mountain commits to bore under Clayburn Rd during construction and that any potential road closures will be minimal in duration for Clayburn Road.	Non-Regulatory Commitment	Prior to Construction	Complete			
3669	Pipeline Engineering	City of Chilliwack, NEB, Waterwealth Project	Trans Mountain will commit to install heavy wall pipe (14.7 mm wall thickness versus 11.8mm) for the entire portion between Silverthorne Road to Watson Road. TMEP will also add a valve in the nearest logical proximity with power and communications, at or before the eastern start of Silverthorne Road.	Route Variance Chilliwack BC Hydro Application pg. 10 Route Variance Chilliwack BC Hydro TMEP Response dated July 24_2017 Route Variance Chilliwack BC Hydro TMEP Response dated Aug 21 2017 Route Variance Chilliwack B Waterwealth IR 1.2	Prior to Construction	Complete			Pipeline wall thickness of 14.7 mm or 19.0 mm has been applied to the Spread 6 segment for the portion between Silverthorne Road to Watson Road.
3671	Pipeline Engineering	Oppenheimer Foods	Trans Mountain commits to crossing the loading bays using a trenchless bore.	Non-Regulatory Commitment	Prior to Construction	Complete			On October 13, 2020 Oppenheimer Foods after meeting with TMEP agreed to the open cut construction method.
3673	Pipeline Engineering	City of Surrey, Edmonton & Area Land Trust	Trans Mountain will engineer to account for future road projects.	Non-Regulatory Commitment	Prior to Construction	Complete	Superseded by CER Condition	14, 49	Through Condition 49 Trans Mountain invited municipalities and communities to engage through the Technical Working Groups (TWG). Through the TWG meetings Trans Mountain provided project details and TWG Members were able to discuss the accommodation of potential future development including road projects.
3716	Pipeline Engineering	City of Merritt	Trans Mountain will construct TMEP to accommodate future runway extension at Merritt Airport.	Meeting Notes	Prior to Construction	Complete			Trans Mountain has tailored its pipeline design to accommodate the proposed runway expansion. The pipe in this expansion area will be heavy wall and buried at extra depth. Details are shown on Drawing No. M002-XH02833.
3727	Pipeline Engineering	Sandy Hill Neighbourhood Information Session Attendee	Trans Mountain will bore roadway of private residences to enable property access during construction.	Spring 2015 Regional Engagement Wrap-up	During Construction	Complete			
3731	Pipeline Engineering	Sandy Hill Neighbourhood Information Session Attendee	Trans Mountain will use trenchless technology for construction on/near Clayburn Road as it is a major thoroughfare for commuters.	Spring 2015 Regional Engagement Wrap-up	Prior to Construction	Complete			Design is for a bored crossing;
3965	Pipeline Engineering	NEB	Trans Mountain commits to designing and constructing the power line associated with the Black Pines Pump Station in accordance with the Canadian Standards Association (CSA) standards for overhead systems (CSA C22.3).	NEB Cond IR No. 9.3b	Prior to Operations	Complete	Superseded by CER Condition	48	Trans Mountain has provided correspondence to BC Hydro confirming that the power line has been designed and constructed to applicable standards including CSA C22.1 - 2018 (and by extension reference standards such as CSA C22.3). Adherence to CSA C22.3 was also noted in the Condition 48 filing that was made on March 29, 2018 (Filing ID A90948 PDF pg 19).
4584	Pipeline Engineering	District Parent Advisory Council (DPAC), Landowner - Chilliwack School District #33 (Board of Education)	The Aquifer has been identified as a High Consequence Area. Trans Mountain commits to treating construction activities over the Aquifer as water crossings, thus increasing pipe wall thickness. Trans Mountain also commits to adding a pipeline valve upstream of the Aquifer enabling Trans Mountain to stop flow of product upstream of the Aquifer to prevent and/or limit spills in the event of a rupture of the pipeline.	Detailed Route Hearing, Written Evidence (para 48)	Prior to Construction	Complete			Trans Mountain used heavy wall pipe (14.7 mm Wall Thickness) through the Sardis Vedder Aquifer (KP 1095 -1097) and an additional block valve was installed upstream of the Aquifer. This is documented through Trans Mountain's filed alignment sheets in Condition 104 (Drawing No. M002-PA04011, M002-PA04012, M002-PA04013).
4592	Pipeline Engineering	CER	Trans Mountain commits to filing the geotechnical feasibility study and the DPI feasibility study for Coldwater River Crossing #2, with the CER pursuant to Condition 67(g) on 3 May 2021.	Coldwater Western Alternative Route, Variance Application - IR No. 3.3 c)	Prior to Construction	Complete			
4593	Pipeline Engineering	CER, Coldwater Indian Band	Trans Mountain commits to providing an updated flood frequency estimate and Condition 65 filing for the West Alternative Coldwater River Crossings (#1a and #2).	Coldwater Western Alternative Route, Variance	Prior to Construction	Complete			Condition 65 Filing, July 30, 2021 (C13407)

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				Application, Reply Argument, pg. 4					
4594	Pipeline Engineering	CER, Coldwater Indian Band	Trans Mountain commits to using heavy wall pipe (14.7 mm) for the entire West Alternative alignment.	Coldwater Western Alternative Route, Variance Application, Response to CER IR No. 2.3, pg. 6	Prior to Construction	Complete			The Construction Alignment Sheets for the Coldwater West Alternative Route were filed on August 18, 2021 (Filing ID C14531) and confirm that heavy wall pipe is being used (minimum 14.7 mm).
168	Reactivation	Parks Canada Agency	Trans Mountain will continue to work with Parks Canada and BC Parks as part of the decision making process for reactivation activities, including the identification of site-specific issues and concerns and development of mitigation and restoration measures.	GoC Parks IR No. 1.2.2	Prior to Construction	Complete	Superseded by CER Condition	72	Commitment addressed by Condition 72 Pipeline Environmental Protection Plan; Reactivation EPP Filing ID C11146, Volume 5 of the Environmental Plans SSEPP that has been submitted to Parks Canada for approval and environmental entails details along this route.
190	Reactivation	Upper Nicola Band	Prior to reactivation, Trans Mountain will verify the integrity of the pipeline system through the use of in-line inspection and a hydrostatic pressure test.	Upper Nicola Band IR No. 1.04c	Prior to Operations	Complete	Superseded by CER Condition	19	Through filing of Condition 19 (C24689), Trans Mountain provided an Engineering Assessment in which details of the in-line inspection (section 6.6.1) and hydrostatic testing (Section 8.3) are provided.
199	Reactivation	NEB	After the initial in-line inspection (ILI) program, Trans Mountain will mitigate the stream crossing hazards already identified and any other hazards identified during ongoing assessments.	Application Volume 4A-123. (3.6.5.2)	Prior to Operations	Complete	Superseded by CER Condition	19	Through Trans Mountain's filed Condition 19 (Filing ID C24689) on June 1, 2023, Section 7 and Section 8 provide details on the ILI program and the hazards identified through the program. Details are also provided on the mitigation (Section 7.8.4.1 Geohazard Mitigation Sites) and ongoing assessments.
208	Reactivation	NEB	In addition to the mitigation measures at the known priority sites, Trans Mountain will run a high resolution geometry ILI tool prior to reactivation of the Darfield to Black Pines and the Hinton to Hargreaves segments. The geometry tool data will be integrated with the data from the GEOPIG inspections completed in 2001 and 2003 to identify pipe movements that may have been caused by slope instability, river scour, or other geological, geotechnical, or hydrologic phenomena.	Application Volume 4A-122.	Prior to Operations	Complete	Superseded by CER Condition	19	On June 1, 2023, Trans Mountain filed Condition 19 (Filing ID C24689) in which details on the results of the ILI tool run are provided in Section 6.6.1.
220	Reactivation	NEB	Trans Mountain will complete an engineering assessment for the reactivation of two isolation valves at Jasper Pump Station by June 2016, in sufficient time to replace the valves in the unlikely event that they are deemed unfit for service on Line 1.	NEB IR No. 1.88a	Prior to Construction	No Longer Applicable			This commitment is no longer applicable. Project made the decision to replace all deactivated valves. The 2 valves at Jasper Pump Station have been removed and will be replaced following CER's approval of C 19.
241	Reactivation	NEB	Prior to hydrostatic testing, Trans Mountain will complete Inline inspection (ILIs or smart pigging) of the deactivated segments using a high resolution metal loss tool, a high resolution axial flaw detection tool, and a high resolution geometry tool...	Application Volume 4A-117.	Prior to Operations	Complete	Superseded by CER Condition	19	On June 1, 2023 Trans Mountain filed Condition 19 (Filing ID C24689) where in Section 8.0 details of the ILI program and hydrostatic testing are provided including details on the tools used for the deactivated segments.
246	Reactivation	NEB, Parks Canada Agency, Robyn Allan, Upper Nicola Band	Trans Mountain will submit the final engineering assessment for the Darfield to Black Pines reactivation section by the end of Q3 2014.	Allan R IR No. 1.17e, NEB IR No. 1.86b, GoC Parks IR No. 1.1.08, Upper Nicola Band IR No. 1.01a	Prior to Operations	Complete	Superseded by CER Condition	19	Trans Mountain filed Condition 19 on June 1, 2023 which provides the final engineering assessment "Engineering Assessments for the Reactivation Segments" (Filing ID C24689).
254	Reactivation	NEB	Prior to reactivating the pipeline segments, Trans Mountain will run an axial flaw detection (AFD) inline inspection (ILI) tool that is able to identify axially oriented features such as corrosion grooves, gouges and open cracks. Once the ILI results are received, Trans Mountain will do a number of digs to verify the tools' sizing accuracy and to assess any anomalies.	Application Volume 4A-119.	Prior to Operations	Complete	Superseded by CER Condition	19	On June 1, 2023, Trans Mountain filed Condition 19 (Filing ID C24689) engineering assessment for the reactivation line, where details on the ILI program are provided in Section 3.2 and Section 6.6.1. Additionally, Section 8.2 outlines ILI Anomalies Selection and Dig List, and Table 24 depicts the reported anomalies that were discovered.
506	Reactivation	NEB	Trans Mountain will conduct additional field investigations for 5 sites identified on the two pipeline segments proposed for reactivation as part of the Natural Hazards Management Program,	NEB IR No. 3.102a	Prior to Operations	Complete	Superseded by CER Condition	19	On June 1, 2023, Trans Mountain filed Condition 19 (Filing ID C24689) in which Table 19 provides a list of Natural Hazard Managed Sites, details of the program can be found in Section 7.8 (PDF pg 45) and Appendix C Natural Hazards Sites.
614	Reactivation	NEB	Trans Mountain commits to completing a pre-reactivation inspection using the electromagnetic acoustic transducer tool (EMAT) tool.	NEB IR No. 4.42a	Prior to Operations	Complete	Superseded by CER Condition	19	On June 1, 2023, Trans Mountain filed Condition 19 (Filing ID C24689), where in Table 27 of Section 10 provides details on the pre-reactivation measures taken including the use of the electromagnetic acoustic transducer tool. Section 6.6.1 provides details on the In-Line Inspection program.
615	Reactivation	NEB	Prior to reactivation, Trans Mountain will complete the following activities to verify that the pipeline is safe to return to service: crack inspections of the pipeline system using the Axial Flaw Detection (AFD) and Electro-Magnetic Acoustical Transducer (EMAT) (refer to the response to NEB IR No. 4.42a) prior to the reactivation of the pipeline; high resolution metal loss inspections of the pipeline system prior to reactivation; high resolution geometry inspection of the pipeline system prior to reactivation; hydrostatic test to revalidate the currently licensed maximum operating pressure (MOP) of the pipeline segments prior to reactivation.	NEB IR No. 4.43c	Prior to Operations	Complete	Superseded by CER Condition	19	On June 1, 2023, Trans Mountain filed Condition 19 (Filing ID C24689). Section 8.2 of this filing documents the In-Line Inspection (ILI) Anomalies Selection and Dig list, including the use of the EMAT tool. Additionally, Section 10, Table 27, provides a detailed summary of completed reactivation measures.
622	Reactivation	NEB	Trans Mountain commits to complete excavations of all crack-like anomalies on the Hinton to Hargreaves section of line prior to hydrostatic testing and reactivation.	NEB IR No. 4.43	Prior to Operations	Complete	Superseded by CER Condition	19	On June 1, 2023, Trans Mountain filed Condition 19 (Filing ID C24689). Section 7.4 of this filing outlines the Cracking Hazard assessment and details of the identified crack-like anomalies on the Hinton to Hargreaves section are provided in Table 13. Further details in Section 8 summarizes all measures completed for reactivation, including addressing anomalies.
625	Reactivation	NEB	Trans Mountain will commit to providing an updated engineering assessment (including fatigue assessments and future inline inspection (ILI) schedules) upon completion of the baseline work and prior to the reactivation pipeline segments being placed in Line 2 service.	NEB IR No. 4.44	Prior to Operations	Complete	Superseded by CER Condition	19	Trans Mountain filed Condition 122 Engineering Assessments for Hinton to Hargreaves on March 24, 2023 (Filing ID C23789) and for Darfield to Black Pines on April 6, 2023 (Filing ID C23954), including details on the engineering

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									assessment hazard matrix . Additionally, Trans Mountain filed Condition 19 (Filing ID C24689) on June 1, 2023, where in Section 7 the hazard assessment for reactivation, including fatigue assessments and future ILLI schedules in Table 8 can be found.
793	Reactivation	Upper Nicola Band	Trans Mountain has committed to complete in-line inspections prior to and following the return to service of the pipeline segments as well as conducting a hydrostatic test of the deactivated sections (Darfield to Black Pines and Hinton to Hargreaves).	Upper Nicola Band IR No. 2.08d	Prior to Operations	Complete	Superseded by CER Condition	19	On June 1, 2023, Trans Mountain filed Condition 19 (Filing ID C24689). Section 6.6.1 of this filing describes ILLIs (in-line inspections) and how they were applied to the reactivation segments, including Table 8 which details ILLI tools run and planned. Section 8.3.2 provides details on the successful hydrotest completed between September 2022 and January 2023.
1378	Reactivation	Upper Nicola Band	Prior to reactivation, Trans Mountain will complete inspections, excavations, and hydrostatic testing to ensure the safe operating margin of the pipeline is maintained and will provide a final Engineering Assessment to demonstrate that the pipeline is fit for service.	Upper Nicola Band IR No. 2.09z	Prior to Operations	Complete	Superseded by CER Condition	19	On June 1, 2023, Trans Mountain filed Condition 19 (Filing ID C24689) Engineering Assessment for Reactivation. The assessments were instrumental in the development of significant elements of the reactivation plan that included inspecting the Segments using high resolution ILLI for pipe deformations, metal-loss and cracking, performing the necessary repairs, and conducting hydrostatic pressure tests (hydrotesting) of the Segments.
307	Regulatory	Adams Lake Indian Band, City of Burnaby	An Environmental Compliance Plan (ECP) will be prepared prior to the start of construction (Section 5.3 of Volume 6A).	ALIB IR No. 1.6.01a, City Burnaby IR No. 1.26.01a, City Burnaby IR No. 1.26.01b	Prior to Construction	Complete			The Compliance Management Plan was initially filed by Trans Mountain on March 28, 2018 under Condition 72 as Volume 10 of the TMEP Environmental Plans (A90970). Trans Mountain proceeded to file an updated version of this plan on November 18, 2019 (C03070).
346	Regulatory	NEB	Environmental compliance audits will be commissioned by the Trans Mountain Legal Department and will be administered by Trans Mountain's Environment, Health and Safety Department. A number of internal compliance audits are expected over the life of the Project.	Application Volume 6A, 3-6.	During Construction	Complete			Environmental Audit Reports; Same deliverable as Commitment ID 258, for which a response to NNC#3 was filed on December 7, 2020 with forward actions identified.
1088	Regulatory	NEB	Trans Mountain commits to filing the entire set of Engineering Alignment Sheets with the Board, as and when it becomes available in August 2018 or thereafter, and prior to commencing construction in Spread 5A.	NEB Cond IR No. 76.1	Prior to Construction	Complete			Construction alignment sheets for Spread 5A filed on April 17, 2020 (C05785).
1680	Regulatory	NEB	Trans Mountain commits to filing a revised PPBoR with the NEB, if routing changes are made as a result of discussions with Yellowhead County and Ms. and Mr. Russell.	NEB Route Hearing Transcript Seg 1 & 2 Vol 1 para 265, NEB Route Hearing Decision Seg 1 & 2 Janet & Lyle Russell Sec 2.3	Prior to Construction	Complete			The applicable PPBOR sheet was approved by the NEB on March 28, 2018 following a detailed route hearing (A90959). Further correspondence followed on October 1, 2018 (A94324, A628D3) and January 20, 2020 (A7C7K2).
1749	Regulatory	Landowner - Fraser Heights Community Association	Trans Mountain commits to filing the information regarding the change in the alignment.	NEB Detailed Route Transcript Volume 9 para 5610	Prior to Construction	Complete			The subject information was filed by Trans Mountain on March 13 and 15, 2018 (A90559 and A90598). The NEB issued its detailed route decision in this matter on May 10, 2018 (A91883) and followed with a specific PPBOR approval on August 29, 2018 (A93779).
4489	Regulatory	NEB	Trans Mountain commits to filing with CER an Addendum to the Traffic and Access Control Management Plan (TACMP) on a six-month basis The Addendum will include data lists, basic charts, graphics, and focus on areas where the Project activities are unfolding or expected to be commencing in the future.	CER Condition IR No. 21.2	During Construction	No Longer Applicable			The subject six-month interval TACMP addendum proposal has been overtaken by the directions contained in CER Condition Compliance Letter Report No. 37 dated June 9, 2020 (C06749-1).
4517	Regulatory	NEB	Trans Mountain commits to filing, when available, the weld procedure qualification records for the high-strain-capacity NPS 30 pipe being installed inside the Burnaby Mountain Tunnel as part of the Westridge Delivery Lines.	CER IR No. 38.3	Prior to Construction	Complete	Superseded by CER Condition	70, 111	Trans Mountain filed the subject welding procedures and associated qualification records as part of a condition compliance submission dated December 23, 2021 (Filing ID C16892).
4566	Regulatory	Waterweath Project	Trans Mountain commits to filing an updated Certificate Condition 74 filing correcting a clerical error in Table 3 of the referenced Certificate Condition 74 HDD Noise Management Plans filed on October 24, 2019 ("Condition 74 Filing") (A6Y9S7). Specifically, during the transcription of the UTM coordinates ("UTM") into the table, the UTM rows were offset, which means that the descriptions for R5-R6 and R7-R8 were inverted. This clerical error does not invalidate the conclusions in the Condition 74 Filing.	Detailed Route Hearing, Response to Round IR No 2.16	Prior to Construction	Complete			Commitment was fulfilled with a CER filing on June 15, 2020 through refileing the C74 Noise Management plan (Filing C06875)
4607	Regulatory	CER	Trans Mountain commits to satisfying Condition 65 (Hydrology - notable watercourse crossings), Condition 68 (Seismic reports - liquefaction potential), and Condition 104 (Updated engineering alignment sheets and drawings) for the West Alternative through Condition filings.	Coldwater Western Alternative Route, Variance Application, Response to CER IR No. 1.13	Prior to Construction	Complete			Condition 65 Filing July 30, 2021 (C14307)
4608	Regulatory	CER	Trans Mountain commits to updating Condition 73 (Traffic Control Plans for Public Roadways) for the Coldwater West Alternative.	Coldwater Western Alternative Route, Variance Application, January 29, 2021 Letter to CER, pgs. 1,2	Prior to Construction	Complete			Condition 73 updates were filed on October 19, 2021 (Filing ID C15549) and received CER Letter Report on December 10, 2021 (Filing ID C16716)

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15	Security	Angelika Hackett, Chris Amy	Prior to construction, Trans Mountain will develop a Security Management Program (SMP). Ninety days before construction, a construction SMP will be filed with the National Energy Board (NEB) as per NEB draft Condition 37. Prior to completion of construction and before commencing operations of the new pipeline, an updated operations SMP will be submitted to the NEB.	Amy C IR No. 1.8a, Hackett A IR No. 1.7a	Prior to Construction	Complete	Superseded by CER Condition	63	A Security Management Plan was filed with the CER on May 15, 2017 though Condition 63a (Filing ID A83588) and approved through NEB Letter Report No. 7 (Filing ID A88348). We have had an implementation assessment done by NEB Security Inspectors, dated July 5th, 2017, and found to be completely compliant. An updated operations Security Management Plan was filed on August 18, 2022 through Condition 63b (Filing ID C20599) and was accepted by the CER Letter Report No. 169 (Filing ID C21091).
454	Security	NEB	All construction areas, including those within existing Trans Mountain rights-of-way, pump stations, terminals, and other facilities will undergo a Security Risk Assessment (SRA) and appropriate controls will be implemented prior to the start of construction.	Application Volume 4B, 4B-56.	Project Lifecycle	Complete	Superseded by CER Condition	63	Trans Mountain filed Condition 63 "Security Management Program" on May 15, 2017 (Filing ID A83588) after which the CER completed an implementation assessment on July 15, 2017 and found the security program was in full compliance.
3623	Security	City of Kamloops, City of Merritt, District of Clearwater, RCMP	Trans Mountain will confirm if any additional RCMP resources required for construction will be paid for by Trans Mountain.	Spring 2015 Regional Engagement Wrap-up;	Prior to Construction	No Longer Applicable			Provincial government and RCMP will not accept funding from TMEP for police resources.
3630	Security	Workshop Participants	Trans Mountain will consider the request for a Security Liaison for each policing contact per community during construction and providing ongoing security intelligence information.	Spring 2015 Regional Engagement Wrap-up	Project Lifecycle	Complete	Superseded by CER Condition	63	Trans Mountain filed a confirmation that Condition 63 "Security Management Program" (Filing ID A83588) had been completed. After which the CER completed an implementation assessment on July 15, 2017 and found the security program was in full compliance. There is a section in C63 specific to establishing liaison with each police of jurisdiction along the ROW.
4556	Security	NEB	During construction, in areas where there may be a concern regarding the safety of the public, restricted areas are established. Trans Mountain will have a security plan in place and it will be communicated to the town representatives and adjacent residents.	Application Volume 5B, 3-70.	Project Lifecycle	Complete			Communication with all Municipal and Provincial policing services along the ROW will continue to completion of Project.
13	Stakeholder Engagement	Regional District of Fraser-Fort George	Trans Mountain is committed to community benefits for municipalities and regions crossed by the Project and Trans Mountain has initiated discussions with local governments and organizations to explore opportunities related to its priority areas of community investment, the environment, and education. For Valemount, as with all pipeline communities, TMPL is committed to providing local business and employment opportunities within the community and region.	RD of Fraser-Fort George IR No. 1.03e	Project Lifecycle	Complete	Superseded by CER Condition	12, 107, 145	Trans Mountain and the Village of Valemount have signed a Community Benefit Agreement that will see a \$185,000 investment to support the development of community housing and education funding (https://www.transmountain.com/news/2020/trans-mountain-signs-community-benefit-agreement-with-the-village-of-valemount). Commitment is addressed in Condition 12 (A5L6Y7 pp 6-18); Condition 107 (A7G4X8 pp 12); and Condition 145. Accounting has confirmed cheque was cut for the village of Valemount on November 25, 2020.
17	Stakeholder Engagement	City of Abbotsford	Trans Mountain will continue to work with the City of Abbotsford to understand the applicability of its bylaws and standards to the construction of the Project.	City of Abbotsford IR No. 1.04a	Project Lifecycle	Complete	Superseded by CER Condition	14, 49	Trans Mountain through the Technical Working Groups (TWG) as detailed through Condition 49 (Filing ID A82625), meets with the City of Abbotsford on construction related details which include discussions on bylaws and standards.
28	Stakeholder Engagement	City of Abbotsford	Trans Mountain will engage Mt. Lehman Fire Hall and Abbotsford municipal officials to ensure access and egress are available for emergency vehicles during construction. These plans will be communicated to Abbotsford once definitive plans are available.	City of Abbotsford IR No. 1.21a	Prior to Construction	Complete			Trans Mountain confirmed with the Fire Chief that the Mt. Lehman Fire Hall had moved locations and would no longer need access or egress availability for emergency vehicles.
33	Stakeholder Engagement	City of Burnaby	Trans Mountain commits to consult with the City of Burnaby in the development of the Project construction schedule within City boundaries.	City Burnaby IR No. 1.02.04b, City Burnaby IR No. 1.03.07f	Project Lifecycle	Complete	Superseded by CER Condition	49	Trans Mountain held weekly and bi-weekly conference calls with the City of Burnaby, which included discussions on construction schedule. These meetings are reflected in Condition 49 Technical Working Groups (TWG) Reports (Original Filing ID A82625).
74	Stakeholder Engagement	NEB	Trans Mountain will develop a communication plan to facilitate a concise two-way information exchange between Project members, corporate head office departments, contractors and regulatory authorities in order to effectively manage the Project. The communication will also summarize the notifications required to regulatory authorities and the public.	Application Volume 6A, 3-8.	Project Lifecycle	Complete	Superseded by CER Condition	49	Trans Mountain submitted a Communications and Notifications Plan as an appendix to the Condition 49 report filed in April of 2021 (Filing ID A755K7, PDF Pages 22-40). This plan was developed for all Spreads, and addresses the need of different approaches in different geographical regions. The plan includes a list of regulatory filings that document stakeholder engagement activities (submitted to the CER and BC EAO), pre-construction and construction phase audiences that include government authorities, Indigenous Groups, interest groups, industry, and the public.
78	Stakeholder Engagement	NEB	During construction, in areas where there may be a concern regarding the safety of the public, restricted areas are established. Trans Mountain will have a construction site safety plan in place and it will be communicated to the town representatives and adjacent residents.	Application Volume 5B, 3-70.	Project Lifecycle	Complete	Superseded by CER Condition	14, 49, 64	The Health and Safety Management Plan filed under Condition 64 includes a section indicating how external communications take place with appropriate government authorities and affected public (Filing ID A83607-2, Section 12.2 at PDF Page 29). This includes a reference to the Project Construction Communications Plan. The Project later developed the TMEP Communications and Notifications Plan to support construction. That plan was included in the update submission that Trans Mountain filed under Condition 49 on April 13, 2021 (Filing ID C12364 at PDF Pages 21-59).

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80	Stakeholder Engagement	NEB	Trans Mountain will provide company contact information to those potentially affected by noise in the event there are noise concerns related to operation of the pipeline system, including: residents, land users, and Aboriginal groups.	NEB IR No. 1.19b	During Construction	Complete	Superseded by CER Condition	74, 80, 86	Over the course of the Project, Trans Mountain has provided company contact information to landowners, stakeholders and Indigenous groups in a variety of ways, including construction notifications, signage, supplementary communication material, advertising, and at www.transmountain.com. Contact information is the same for Operations and TMEP. Commitment is addressed by providing company contact information in a methods of notification, including email updates, mailed updates, website and advertising.
95	Stakeholder Engagement	NEB	Trans Mountain will provide contact information to residents, land users and Aboriginal groups that may be affected by air emissions from the tunnel construction such that they can effectively communicate any concerns.	NEB IR No. 4.03b	Prior to Construction	Complete	Superseded by CER Condition	85	Over the course of the Project, Trans Mountain has provided company contact information to landowners, stakeholders and Indigenous groups in a variety of ways, including construction notifications, signage, supplementary communication material, advertising, and at www.transmountain.com. Contact information is the same for Operations and TMEP. Commitment is addressed by Condition 85 - Air Emissions Management Plan for Burnaby Tunnel Construction (A85269-3 section 6 pp 10-12). Commitment is also addressed by providing company contact information in a methods of notification, including email updates, mailed updates, website and advertising.
115	Stakeholder Engagement	Canadian Parks and Wilderness Society - BC Chapter	A full report of all workshop feedback will be included in Consultation Update No. 2 which will be provided to the NEB in Q3 2014.	CPAWS IR No. 1.2.3.3	Prior to Construction	Complete	Superseded by CER Condition	49	This commitment was addressed in CPAWS Information Request 1.1 Responses to Information Request from Canadian Parks and Wilderness Society June 2014 Public Consultation Report - BC Parks Workshops.
116	Stakeholder Engagement	City of Abbotsford	The Project construction communication and notification program will be developed in consultation with the City of Abbotsford and its constituents.	City of Abbotsford IR No. 1.26a	Project Lifecycle	Complete	Superseded by CER Condition	49	Trans Mountain consulted with municipalities and community leaders to seek input into the communication and notification program, represented through Condition 14 (Filing ID A81760) and Condition 49 (Filing ID A82625). These early conversations provided Trans Mountain with direction on areas of greatest interest to local communities, appropriate means of engagement for different communities, and the identification of local stakeholders who were invited to participate in Project engagement activities.
117	Stakeholder Engagement	City of Burnaby	Prior to construction, Trans Mountain will undertake a communications and notification program to ensure local businesses and members of the public are made aware of potential construction impacts.	City Burnaby IR No. 1.33.27d	Project Lifecycle	Complete	Superseded by CER Condition	49	Trans Mountain's communication and notification program are managed through Condition 49 and details are provided in Appendix A (Filing ID C12364).
118	Stakeholder Engagement	City of Burnaby	Trans Mountain is committed to a Community Benefits program and these positive legacies are in addition to any increase in property taxes, employment, procurement opportunities, and workforce spending that might arise from the proposed Project.	City Burnaby IR No. 1.44.01i	During Operations	Complete	Superseded by CER Condition	145	Commitment is superseded by CER Condition 145, Community Benefits Program Progress Report for the Trans Mountain Pipeline ULC Trans Mountain Expansion Project (Filing ID C33289).
119	Stakeholder Engagement	City of Burnaby	Trans Mountain will develop a Communications and Notification Program identifying geographic communication areas, in consultation with local governments.	City Burnaby IR No. 02.04a	Project Lifecycle	Complete	Superseded by CER Condition	49	Trans Mountain has prepared the Communications and Notification Plan filed in Condition 49 Appendix A (Filing ID A82625 and C12364) in consultation with local governments, which included discussions on geographic areas.
120	Stakeholder Engagement	City of Burnaby	Trans Mountain's engagement is ongoing. In particular Trans Mountain will continue to meet with stakeholders who will be impacted by the Trans Mountain Expansion Project to understand and mitigate their concerns where possible. Trans Mountain remains committed to ongoing dialogue and mitigation of issues with its neighbours as the proposed Project proceeds.	City Burnaby IR No. 1.31.01d	Project Lifecycle	Complete	Superseded by BC EAO	14	Trans Mountain has submitted reports to BC EAO related to BC EAO Condition 14 Stakeholder Engagement (see EPIC gov.bc.ca) and CER Condition 49 (Filing A755K7). The reports show progress made in mitigating, responding and closing issues and concerns from the general public.
124	Stakeholder Engagement	NEB	As part of a commitment to keep stakeholders informed of project activities, Trans Mountain has continued to provide project updates, maintain an active website, phone line and email address. Trans Mountain will continue to seek opportunities to build awareness of the digital engagement platform throughout the project's development.	Pre-Application Project Description, pp 58, 59.	Project Lifecycle	Complete	Superseded by BC EAO	14	Trans Mountain's engagement efforts have provided tens of thousands of exchanges with stakeholders through face-to-face meetings, open houses, workshops, presentations, website postings, online engagement, Technical Working Group (TWG) meetings, emails, telephone calls, letters, advertisements and digital media, including social media.
125	Stakeholder Engagement	NEB	During construction Trans Mountain will provide advanced and ongoing notification to users of the area to ensure they are fully aware of the activities that will occur and are occurring. Should the Project affect recreational users' infrastructure during construction, mitigation processes will ensure the infrastructure is left in the same, if not better condition.	Application Volume 5B, 3-11.	During Construction	Complete	Superseded by CER Condition	49	Trans Mountain has adapted the Communications and Notifications Plan throughout the Project. The Plan details the audiences to be notified of construction or Project related activities in their area(s). Trans Mountain provides the Plan through CER Condition 49 (C12364), Appendix A contains Trans Mountain's Communications and Notifications Plan (CNP).
126	Stakeholder Engagement	NEB	Trans Mountain anticipates initiating Community Readiness Engagement in Q4 of 2014, which will focus on engaging local First Nations, community interest groups, economic development organizations, local governments, and municipal or provincial authorities in communities most closely linked to workforce hosting.	NEB IR No. 1.16a	Prior to Construction	Complete	Superseded by CER Condition	58, 96, 107	The commitment is addressed in Condition 58 (C09623-1 pp 4-6); Condition 96 (A7G5H7 pp 7-24); and Condition 107 (C06916-1 pp 8-14).
127	Stakeholder Engagement	NEB	Issues and concerns from Municipal, School Administrators, and Community Facilities will be documented through Project consultation records and any feedback received will be considered into development of the Trans Mountain Expansion Project Health and Safety Management Plan and Prime Contractor's Project-Specific Safety Plans (PSSPs).	NEB IR No. 1.15c (A3W9H8); City of Burnaby IR No.1.06.08b (A3Y2E6)	Project Lifecycle	Complete	Superseded by CER Condition	64	Issues and concerns raised from municipalities, school administrations, or community facilities are brought forward through TMEP's Technical Working Group (TWG) and details are filed in CER Condition 49 filings submitted every 6 months. EAO C-14 captures discussions with schools administration, and community facilities.
129	Stakeholder Engagement	NEB	Trans Mountain will continue to reach out to schools offering presentations or meetings to discuss potential concerns.	NEB IR No. 2.008a	Project Lifecycle	Complete	Superseded by BC EAO	14	Trans Mountain provides details of discussions with schools in BC EAO Condition 14 Reports filed in October 2021 and April 2023 (Filings can be found on the EAO Epic Website projects.eao.gov.bc.ca) Ongoing engagement activities are being documented in annual Public Engagement Summary Reports pursuant to BC EAO Condition 14. Most recent report was filed

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									October 2020 – sec 2.3.3 pg. 13. A Stakeholder Engagement Procedure will be developed and managed under ISLMS. TM Response to IR No. 2 (File ID A3Z4T9)
136	Stakeholder Engagement	City of Abbotsford	Trans Mountain is committed to City of Abbotsford input to the detailed engineering and design of Line 2 to minimize impacts and potential delay or disruption to future installation of city infrastructure, including installation of permanent pipeline crossing locations where needed.	City of Abbotsford IR No. 1.03b.ii	Prior to Construction	Complete	Superseded by CER Condition	14, 49	Trans Mountain's engagement with the City of Abbotsford has been ongoing since 2014 where, among many other topics, have discussed engineering, city infrastructure, and the path of the Project. Engagement is documented through CER Condition 49 Technical Working Group Meetings (example: Report Update No. 8 filed on April 13, 2021 CER Filing ID A75SK7).
137	Stakeholder Engagement	City of Abbotsford	Trans Mountain will hold discussions with Sumas Canal owner/operator to establish if there any plans for its development and this will be considered in finalizing crossing depth during detailed engineering and design phase.	City of Abbotsford IR No. 1.17e	Prior to Construction	Complete	Superseded by CER Condition	49	Through discussions and engagement with Sumas Canal owner, City of Abbotsford, Trans Mountain has a Ground Water Dispersion System, which includes details on the development and impacts around the Sumas Canal and Sumas Prairies.
138	Stakeholder Engagement	City of Abbotsford	Trans Mountain will provide as-built shape files to the City of Abbotsford.	City of Abbotsford IR No. 1.03b.iii	During Operations	Complete	Superseded by CER Condition	14, 49	Trans Mountain provided the as-built files to the City of Abbotsford on June 16, 2025.
147	Stakeholder Engagement	City of Burnaby	Trans Mountain is willing to meet with the City of Burnaby to discuss planned and proposed projects or upgrades to municipal infrastructure to inform the design of the proposed pipeline Project.	City Burnaby IR No. 1.33.16a, City Burnaby IR No. 1.33.16s, City Burnaby IR No. 1.33.15d, City Burnaby IR No. 1.43.04a	Prior to Construction	Complete	Superseded by CER Condition	49	Discussion with City of Burnaby regarding Trans Mountain's plans and municipal infrastructure began in 2012 and continued for a few years. At some point City of Burnaby stopped engaging with TM and many attempts were made to reengage. A Permitting and Lands letter was another attempt with a different strategy that proved to eventually be successful.
151	Stakeholder Engagement	City of Burnaby	Trans Mountain will continue to engage with the City of Burnaby, including continuing to share updated project information, incorporating input and addressing concerns about the proposed Project as they arise. Should the City of Burnaby have feedback, Trans Mountain would welcome an opportunity to meet with the City, at a mutually convenient time, to discuss engineering design standards.	City Burnaby IR No. 1.33.07a	Project Lifecycle	Complete	Superseded by CER Condition	49	From 2018 to present, Trans Mountain attended nearly 100 meetings with the City of Burnaby to share updated project information including engineering design standards, and gather and respond to City of Burnaby concerns. The majority of these meetings are included in Condition 49 reports, which have been submitted every six months since 2017. These reports include meeting dates and issues brought up by CoB along with notes regarding resolutions.
172	Stakeholder Engagement	Metro Vancouver	Trans Mountain is committed to respectful, transparent and collaborative interactions with Metro Vancouver during the detailed engineering and construction planning phase and will continue to share updated project information and address Metro Vancouver's concerns about the TMEP as they arise.	Metro Vancouver IR No. 1.1.3.07a	Project Lifecycle	Complete	Superseded by CER Condition	49	Trans Mountain has held regular weekly meetings in the Technical Working Group format with Metro Vancouver since 2018. Topics of discussion include, but are not limited to, general project updates, scheduling, design drawings, crossing agreements, laydown areas, the complaint process, and issue mitigation efforts. Technical Working Group meetings are reported on an ongoing basis under CER Condition 49 (Example Filing ID C26633).
173	Stakeholder Engagement	Metro Vancouver	Trans Mountain is willing to work with Metro Vancouver on crossings and proximal work on its infrastructure. Trans Mountain is also willing to accommodate reasonably foreseeable plans for municipal infrastructure in the design and placement of the pipeline.	Metro Vancouver IR No. 1.1.1.07b	During Construction	Complete	Superseded by CER Condition	14, 49	Commitment addressed via Condition 49 - Technical Working Groups in which crossings and proximal work were discussed. For example, see Technical Working Group Report No. 7 in which details discussions in which crossings and work close in proximity to infrastructure were discussed (Filing ID C08832, PDF Pages 18 and 19).
178	Stakeholder Engagement	Regional District of Fraser-Fort George	Trans Mountain commits to continued consultation with the Village of Valemount and the Regional District to discuss planned or proposed municipal upgrades to infrastructure.	RD of Fraser-Fort George IR No. 1.12j	Prior to Construction	Complete	Superseded by CER Condition	49	Trans Mountain has engaged with the Village of Valemount, topics discussed include but were not limited to, development permit requirements, protection of natural environment and safe development, utility development and building requirements. Discussion points can be found in several filings of CER Condition 49 in April 2019 (A98818), October 2019 (C02272) and April 2022 (C18532).
179	Stakeholder Engagement	Regional District of Fraser-Fort George	Trans Mountain commits to full communication and co-operation with Valemount in coordinating, so as to eliminate or reduce construction disruptions to the Valemount Glacier Destination Resort.	RD of Fraser-Fort George IR No. 1.05a	Prior to Construction	Complete	Superseded by CER Condition	49	Trans Mountain through the Technical Working Group (CER Condition 49 - C05717) meets with the Village of Valemount to discuss any issues or concerns. The Valemount Glacier Destination Resort has not proceeded and still in design phase.
180	Stakeholder Engagement	Regional District of Fraser-Fort George	Trans Mountain commits to meeting with the Regional District of Fraser Fort George to discuss construction plans, worker accommodation strategy, and mitigation of potential impacts to the community of Valemount.	RD of Fraser-Fort George IR No. 1.12i.2	Prior to Construction	Complete	Superseded by CER Condition	49	Through Trans Mountain's Social Economic Effects Monitoring Plan (SEEMP) meetings were held with the District of Fraser Fort George on construction plans, worker accommodation strategy and potential impacts to the community of Valemount.
181	Stakeholder Engagement	Regional District of Fraser-Fort George	Trans Mountain commits to organize a meeting with Regional District of Fraser-Fort George by March 2015 on their concerns about construction near their former landfill site, near Hwy 5 N Valemount, BC.	RD of Fraser-Fort George F-IR No. 1.06b	Prior to Construction	No Longer Applicable			Pipeline relocated to avoid impacts to the Landfill site. See alignment sheets for this area.
185	Stakeholder Engagement	Township of Langley	Trans Mountain commits to consult with the Township of Langley on its mitigation measures that will be incorporated into the detailed design and engineering to protect groundwater and aquifers.	Langley IR No. 1.08a	During Construction	Complete	Superseded by CER Condition	94, 49	Trans Mountain engaged with Township of Langley on the protection of municipal water sources reported in Condition 94 filings (Example: Filing ID A84464 and A97722). Further, Trans Mountain has gathered feedback from the Township of Langley on the development of Condition 130 (Filing ID C22683 PDF pg 404 and 406).
186	Stakeholder Engagement	Township of Langley	Trans Mountain commits to provide municipalities as-built shape files to the Township of Langley on location of TMEP Line 2.	Langley IR No. 1.10a	During Operations	Complete	Superseded by CER Condition	14, 49	Trans Mountain provided the as-built files to the Township of Langley on June 16, 2025.

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256	Stakeholder Engagement	NEB	The Project will endeavour to work its construction schedule around such community events to the greatest extent possible. Trans Mountain will be implementing a range of measures to reduce disturbance to community assets and events. Key mitigation measures include: avoiding important community features and assets during right-of-way finalization; narrowing the right-of-way in select areas; scheduling construction to avoid important community events, where possible; communication of construction schedules and plans with community officials; and other ongoing consultation and engagement with local and Aboriginal governments.	Part 2 – Consultation Update No. 1, 2-54	During Construction	Complete			Trans Mountain's Communications and Notifications Plan outlines efforts, requirements and plans to notify governments, communities and local residents of Project activities. Condition 49 (C12364) provides details of measures taken to reduce disturbance to community assets and events (e.g. PDF pg 15 and 18).
308	Stakeholder Engagement	City of Port Moody	Trans Mountain will meet with the City of Port Moody to discuss potential ecological enhancement opportunities for the Port Moody Arm area of Burrard Inlet.	City of Port Moody IR No. 1.4.2b	Prior to Construction	Complete			Trans Mountain has met with City of Port Moody throughout the development and construction phases of the Project which did not identify any ecological enhancement opportunities. Ecological enhancements are evident through Trans Mountain's Community Investment Program, which includes environmental initiatives, and through investments to relevant initiatives benefitting Burrard Inlet and Port Moody arm.
436	Stakeholder Engagement	NEB	Those potentially affected by air emissions from the Edmonton Terminal, including residents, land users, and Aboriginal groups, will be provided with contact information for use in the event there are concerns about such air emissions.	NEB IR No. 1.34e	Prior to Operations	Complete	Superseded by CER Condition	49	Construction notifications which included contact information were distributed in 2019 and 2020 to the Edmonton areas which included land users, residents and Indigenous groups.
457	Stakeholder Engagement	NEB	During construction Trans Mountain will provide advanced and ongoing notification to users of the area to ensure they are fully aware of the activities that will occur and are occurring.	Technical Update No. 1 & Consultation Update No. 2 - Part 2 Table 1.6.2-1	Project Lifecycle	Complete	Superseded by CER Condition	49	Trans Mountain issues notification to impacted neighbours and businesses relating to pre-construction geotechnical studies, infrastructure surveys and upcoming construction activities. Commitment addressed by the Communications and Notifications Plan (CNP) included in the Condition 49 TWG Report #8 filed on April 13, 2021 - See appendix A (File ID: A755K7)
482	Stakeholder Engagement	NEB	Trans Mountain will continue to develop and implement an Environmental Stewardship program as part of the Trans Mountain Expansion Project. Trans Mountain will negotiate Memoranda of Understanding (MOU) with key stakeholders in each community that could be involved in the Environmental Stewardship Program.	NEB IR No. 3.036a	During Operations	Complete	Superseded by CER Condition	145	Commitment is superseded by CER Condition 145 (Filing ID C33289), Community Benefits Program Progress Report for the Trans Mountain Pipeline ULC Trans Mountain Expansion Project. The Report states that Trans Mountain has negotiated Memoranda of Understanding (MOU) with key stakeholders in each community that are involved in the Community Benefits Program, and that communities were asked to identify projects that aligned with environmental stewardship.
483	Stakeholder Engagement	NEB	Trans Mountain will continue to develop and implement its Community Benefits Program as detailed in the Application and in the response to NEB IR 3.036a. Trans Mountain has and will continue to negotiate Memoranda of Understanding (MOU) with key stakeholders in each community that will be involved in the Community Benefits Program for the Project.	NEB IR No. 3.036b	Project Lifecycle	Complete	Superseded by CER Condition	145	Trans Mountain has engaged in several Memorandums of Understanding with key stakeholders and local governments throughout the project corridor. Trans Mountain will report on the Community Benefits Program in Condition 145.
537	Stakeholder Engagement	Simon Fraser University	Trans Mountain will ensure that construction plans including construction schedule and traffic management plans will be communicated with SFU in a timely manner.	SFU IR No. 2.1.7	Project Lifecycle	Complete			Through email exchange, Trans Mountain provided the traffic management plans and construction schedules to Simon Fraser University throughout 2020 to 2022.
540	Stakeholder Engagement	NEB	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.	NEB IR No. 2.014	During Construction	Complete			Trans Mountain has consulted and continued engagement in regards to the Project and construction with the owners and operators of Merritt, Kamloops and Blue River airports.
542	Stakeholder Engagement	NEB	Trans Mountain will continue to conduct open proactive engagement with adjacent communities with respect to future land use developments.	NEB IR No. 4 33b.2	Project Lifecycle	Complete	Superseded by CER Condition	14, 49	The Technical Working Group approach under Condition 14 (Filing ID A81760) and Condition 49 (Filing ID C26633) provides an appropriate forum for the discussion of matters of interest with participating municipalities (including this aspect of future land use development).
567	Stakeholder Engagement	Burnaby Residents Opposing Kinder Morgan Expansion - BROKE	Trans Mountain intends to review and update its brochure entitled "Earthquakes and Pipelines: Can they Survive Together" for future Public Awareness Activities.	BROKE IR No. 2.1e	Prior to Construction	Complete			The subject brochure was updated in November 2018 under the new title "Earthquakes and Pipeline Safety Guide". The main content was later shifted to Trans Mountain's public website under the heading of Seismic Safety Measures (as part of a larger digitization initiative).
571	Stakeholder Engagement	City of Abbotsford	Trans Mountain commits to working with the City of Abbotsford to define a terms of reference defining the roles, responsibilities, and appropriate timelines related to ongoing engagement activities as the Project proceeds through detailed engineering, construction planning and in-service; should the proposed project be approved.	City of Abbotsford IR No. 2.1.02a/b	Project Lifecycle	Complete	Superseded by CER Condition	14, 49	Trans Mountain's Technical Working Group (TWG) met with the City of Abbotsford on February 9, 2017 to provide construction updates, address concerns and discuss the terms of reference. Trans Mountain has continued to hold TWG meetings with City of Abbotsford with meeting dates and issues/concerns captured in Condition 49 reports that are filed with the CER every 6 months. Topics of discussion have included detailed engineering, construction planning, and more recently in-service planning. Commitment addressed by Condition 14 (A518K4 pp 10) and Condition 49 (Filing ID A82625)
572	Stakeholder Engagement	City of Abbotsford	As with all parties affected by its proposed Project, Trans Mountain is committed to continuing open and transparent dialogue with the City of Abbotsford throughout detailed project design, construction and operations to ensure that Trans Mountain's activities have as little impact as possible on neighbouring residents, businesses and institutions. In keeping with this commitment, Trans Mountain will continue to meet with the City of Abbotsford in 2015 as construction planning advances to continue discussing any interests or concerns the City of Abbotsford might have regarding the design, construction and operations of the proposed Project.	City of Abbotsford IR No. 1.27a; City of Abbotsford IR No. 2.1.02; City of Abbotsford IR No. 1.27a, (Filing ID A3X522)	Project Lifecycle	Complete	Superseded by CER Condition	49	Trans Mountain has held regular weekly meetings with the City of Abbotsford since 2015. Topics of discussion included general project updates, scheduling, design drawings, crossing agreements, laydown areas, the complaints process, and issue mitigation efforts.
573	Stakeholder Engagement	City of Abbotsford	Trans Mountain is committed to and will continue to work with the City of Abbotsford as it develops its construction communication plans through the Technical Working Group.	City of Abbotsford IR No. 2.2.03b	During Construction	Complete	Superseded by CER Condition	14, 49	Trans Mountain, through the Technical Working Group as detailed in Condition 49 filings, engaged with the City of Abbotsford throughout the Project (ex. Filing ID 15378). The Communications and Notifications Plan

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									(CNP) included in Condition 49 Appendix A was filed on April 13, 2021 (Filing ID C12364).
574	Stakeholder Engagement	City of Abbotsford	Trans Mountain will commit to working with the City of Abbotsford to identify and limit the amount of workspace used through the City of Abbotsford Parks to the extent possible to support construction. The project is committed to work with City of Abbotsford personnel to develop restoration plans that would support Abbotsford's park objectives.	City of Abbotsford IR No.2.2.04	Project Lifecycle	Complete	Superseded by CER Condition	14, 49	Trans Mountain has worked with the City of Abbotsford over the course of the Project to limit workspace and develop restoration plans for construction areas within City parks. This ongoing collaboration with the City of Abbotsford is detailed under Condition 49 - Technical Working Groups (example filing ID C22663). Further, Trans Mountain consulted with the City of Abbotsford on a Riparian Planting Plan and a Reforestation Report, both which the city reviewed and approved.
582	Stakeholder Engagement	City of Abbotsford	Trans Mountain is committed to trenchless installation methods across paved road crossings to minimize Project impacts to the City of Abbotsford infrastructure and to the travelling public. Road crossing designs and methodology will be reviewed with the City of Abbotsford and finalized in advance of construction.	City of Abbotsford IR No. 2.2.10d	Prior to Construction	Complete	Superseded by CER Condition	14, 49	Road crossing issues, concerns, and designs have been discussed with the City of Abbotsford throughout the planning stages from 2014 to 2022. Trans Mountain continues to meet with the City to discuss construction matters.
588	Stakeholder Engagement	City of Abbotsford	Trans Mountain confirms its commitment to consult with the City of Abbotsford on valve locations and type of valves at each location.	City of Abbotsford IR No. 2.4.17a	Prior to Construction	Complete	Superseded by CER Condition	14, 49	Trans Mountains Technical Working Group through in-person meetings with the City of Abbotsford, discussed valve locations and types of valves.
589	Stakeholder Engagement	City of Abbotsford	Trans Mountain commits to the City of Abbotsford that if some of the feedback is not reflected in the final design, Trans Mountain will be open and transparent with the City on rationale for the decision.	City of Abbotsford IR No. 2.4.17a	Prior to Construction	Complete	Superseded by CER Condition	49	Through engagement with the City of Abbotsford on Project route prior to the CER's detailed route hearing process, information has been shared with the City through crossing agreements, site specific discussions and primarily, Condition 49 (C49) Technical Working Group (TWG) meetings both before and after the CER's detailed route hearing process. TWGs have served and will continue to serve as a key vehicle for gathering technical information and addressing concerns raised by local government through all phases of the Project Lifecycle, with a particular focus on preparing for construction. To date, Trans Mountain has held a total of 40 TWG meetings with the City of Abbotsford; the first occurred on October 27, 2017.
592	Stakeholder Engagement	City of Abbotsford	Trans Mountain will commit to work with the City of Abbotsford on possible special designs (deeper burial, structural fill) for the pipeline, in select areas for the Auguston development near RK 1117 to 1118 and beyond to McKee Road.	City of Abbotsford IR No. 2.7.24	Prior to Construction	No Longer Applicable			City of Abbotsford confirmation the Auguston Development is no longer applicable.
593	Stakeholder Engagement	City of Abbotsford	As part of ongoing Engagement, Trans Mountain will undertake engagement and communications activities in Project route communities regarding constructions plans, anticipated impacts and effects of construction and mitigation measures to reduce the negative impacts of construction on local communities.	City of Abbotsford IR No. 2.2.03b	During Construction	Complete	Superseded by CER Condition	14, 49	Trans Mountain provides construction notifications to local communities affected by the Project through different forms, such as letters, newspapers, websites, etc. Trans Mountain's Technical Working Groups also meet with local governments to address any issues and concerns the dates of the virtual meetings with the City of Abbotsford are provided in CER Condition 49 (example Filing ID C24042 and C21401).
612	Stakeholder Engagement	City of Burnaby	Trans Mountain will undertake engagement and communications activities in Project route communities regarding constructions plans, anticipated impacts and effects of construction and mitigation measures to reduce the negative impacts of construction on local communities.	City Burnaby IR No. 2.060b	Project Lifecycle	Complete	Superseded by CER Condition	49	Trans Mountain has met with the City of Burnaby on a regular basis since 2020 in the TWG (Technical Working Group) format and meetings have been documented. Discussion items have consistently included construction timelines, as well as issues/concerns such as potential noise, road closures, and subsequent mitigation measures. Technical Working Group activities are reported under CER Condition 49 (most recent filing ID C26633).
626	Stakeholder Engagement	City of Burnaby	Trans Mountain is willing to work with the City of Burnaby collaboratively to develop an approach to construction that minimizes potential impacts on the Barnet Escarpment Urban Trail.	City Burnaby IR No. 2.100	Prior to Construction	No Longer Applicable			This commitment is no longer applicable with the Burnaby Mountain Tunnel having no impacts on the Barnet Escarpment Urban Trail. See alignment sheets.
633	Stakeholder Engagement	City of Burnaby	Trans Mountain commits to engaging with local government, Eagle Creek Streamkeepers, park users and other interest groups regarding proposed activities in local parks and sensitive areas along with associated Environmental mitigation and reclamation plans for restoring the area.	City Burnaby IR No. 2.134	Project Lifecycle	Complete	Superseded by BC EAO	14	Through Trans Mountain's Technical Working Groups (Condition 49) Project information and planning is shared with local governments, gathering technical information and addressing technical issues related to construction. The TWGs engagement with Eagle Creek Streamkeepers and other interested groups has continued through the construction phases and will continue on into operations.
636	Stakeholder Engagement	City of Burnaby	Trans Mountain commits to continue to meet with Metro Vancouver as construction planning advances to continue discussing any interests or concerns Metro Vancouver might have regarding the design, construction and operations of the proposed Project.	City Burnaby IR No. 2.136	Project Lifecycle	Complete	Superseded by CER Condition	49	Trans Mountain has held regular weekly meetings in the Technical Working Group format with Metro Vancouver since 2018. Topics of discussion include, but are not limited to, general project updates, scheduling, design drawings, crossing agreements, laydown areas, the complaint process, and issue mitigation efforts. Technical Working Group meetings are reported on an ongoing basis under CER Condition 49 (Example Filing ID C26633).
640	Stakeholder Engagement	City of Coquitlam	As part of Trans Mountain's commitment to ongoing engagement, it will continue to engage with the United Boulevard business area regarding constructions plans.	City of Coquitlam IR No. 2.A; City of Coquitlam IR No. 1.B.3	Project Lifecycle	Complete	Superseded by CER Condition	49	Trans Mountain has been directly engaging businesses that are impacted by TMEP construction in the United Boulevard area since 2017 details are provided in Condition 49 (Filing ID C26633).
642	Stakeholder Engagement	City of Coquitlam	Trans Mountain will coordinate with City of Coquitlam in developing and executing a protocol agreement for construction of TMEP within the City of Coquitlam.	City of Coquitlam IR No. 2.D	Prior to Construction	Complete	Superseded by CER Condition	49	Commitment addressed in Condition 49 (A91269 Table 5.1 pg. 37).
646	Stakeholder Engagement	NEB	Trans Mountain will hold two information sessions with commercial fishers and vessel operators in conjunction with Pacific Pilotage Authority (PPA) in Vancouver and Victoria.	NEB IR No. 3.007	Prior to Operations	Complete			Marine Public Outreach Program Execution Plan (includes engagement summary), Rev 003, October 30, 2018, See Attachment 9.2.2 Trans Mountain Direct Evidence NEB Reconsideration Hearing (MH-052-2018, Filing ID

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									A6J6I4), Formerly CER Condition 131; now BCEAO Condition 35, Marine Public Outreach See Appendix D (p. 37) for engagement summary.
649	Stakeholder Engagement	The City of Edmonton	After the development of the site-specific construction Emergency Response Plan (ERP), Trans Mountain will provide a hard copy or electronic copy to the City of Edmonton as requested.	City of Edmonton IR No. 2.4.3b	Prior to Construction	Complete			Copies of the Site Specific Emergency Plan and Project Specific Safety Plan were provided to representatives at the City of Edmonton on October 3, 2019 by email.
650	Stakeholder Engagement	City of Kamloops	Trans Mountain is committed to discussing the proposed road crossing methodologies with the City of Kamloops for incorporation of feedback into Detailed Engineering and Design.	City of Kamloops IR No. 2.01a	Prior to Construction	Complete	Superseded by CER Condition	14, 49	Through CER Condition 49 Technical Working Group (CER Filing ID C05717 PDF pg 25) discussions with the City of Kamloops, Trans Mountain discusses many aspects of the Project that affect the City. Trans Mountain developed a plan in conjunction with the City of Kamloops to coordinate activities, schedule and minimize impacts to the public. A plan that addresses the City of Kamloops' feedback and additional details is provided in Traffic Control Plans.
654	Stakeholder Engagement	City of Kamloops	Trans Mountain will conduct engagement with municipal governments and community stakeholders in hub communities to discuss worker accommodation options and strategies.	City of Kamloops IR No. 2.09	Prior to Construction	Complete	Superseded by CER Condition	59	Trans Mountain completed engagement with municipal governments and community stakeholders related to Worker Accommodation Strategy, where an opportunity to discuss worker accommodation and identify issues or concerns were provided. This information is documented through the CER Condition 59 Worker Accommodation Strategy filed in September 2017 (A5T8H6) Appendix A Consultation and Engagement.
655	Stakeholder Engagement	City of Kamloops	Trans Mountain will continue to update the Kamloops Hotel Association as more information about workforce housing projections and timelines becomes available.	City of Kamloops IR No. 2.09	Project Lifecycle	Complete	Superseded by BC EAO	14	Trans Mountain has consulted with Kamloops Hotel Association with regards to workforce and timelines, details are provided in the BC EAO Condition 14 Public Engagement Summary Reports (filings can be found on the BCEAO website: projects.eao.gov.bc.ca).
656	Stakeholder Engagement	City of Kamloops	Trans Mountain will arrange procurement open houses or workshops at various local and regional locations in Spread 1, to present potential supply opportunities to the project.	City of Kamloops IR No. 2.11	Prior to Construction	Complete	Superseded by BC EAO	14	Trans Mountain conducted Business Readiness Workshop Presentations along the pipeline route and provided these details through CER Condition 107 filings. Spread 1 presentation was held in Hinton (Spread 1/2) on November 8, 2017 by Trans Mountain and the Contractors.
665	Stakeholder Engagement	City of New Westminster	Trans Mountain will undertake a communications and notification program to ensure local businesses, services and members of the public are made aware of potential construction impacts including lane restrictions, road closures and alternate access plans.	City New Westminster IR No. 2.C.2	During Construction	Complete	Superseded by CER Condition	49	Trans Mountain provides the communications and notification plan in the Condition 49 Technical Working Group (TWG) filing (CER Filing ID C12364).
666	Stakeholder Engagement	City of New Westminster, Metro Vancouver	Trans Mountain is committed to investing in community benefits initiatives in municipalities and regions crossed by the Project.	City New Westminster IR No. 2.C.3.iii Metro Vancouver IR No. 1.1.4.02b	Project Lifecycle	Complete	Superseded by CER Condition	145	Through Condition 145 Community Benefit Program Progress Reports filed on January 31, 2025 (Filing ID C33289), Trans Mountain summarizes the initiatives and activities undertaken as benefits in addition to compensation for access and potential impacts to community lands, and/or that exceed regulatory requirements. This report will be reported for the next 4 years.
678	Stakeholder Engagement	City of Port Moody	Trans Mountain is committed to engaging with Port Moody going forward and will invite the City and its constituents to future engagement opportunities.	City of Port Moody IR No. 2.2.1	Project Lifecycle	Complete			Trans Mountain had ongoing meetings with Port Moody to discuss topics including invitations to participate in engagement sessions, project updates, and invitations for Port Moody to participate in Full Scale Emergency Exercises.
700	Stakeholder Engagement	City of Surrey	Trans Mountain will continue to share the results of any new studies or work being completed and communicate any changes or updates to Project plans with the City of Surrey.	City of Surrey IR No. 2.1.1.a.i	Project Lifecycle	Complete	Superseded by CER Condition	49	Through Condition 49 Construction and Notification Plan, and through Technical Working Groups, Trans Mountain has continued engagement with municipalities and stakeholders, including the City of Surrey. Through this forum, communication through email, phone and in-person meetings on the construction progress, changes and studies completed have proceeded throughout the lifespan of the Project (example Condition 49 Report Update 8 filed on Apr 13, 2021 (File ID A755K7 PDF page 16).
711	Stakeholder Engagement	Township of Langley	Trans Mountain commits to providing the Township of Langley with issued for construction (IFC) drawings (GIS shapefiles) as soon as they are available and with sufficient time for the Township to conduct emergency management planning.	Langley IR No. 2.09.a	Prior to Construction	Complete			The subject GIS shapefiles were provided to the Township of Langley in late 2016, well in time to facilitate Emergency Management planning.
713	Stakeholder Engagement	Township of Langley	Once pipeline installation is complete, Trans Mountain commits to providing the Township of Langley with "surveyed as-built centre line" shape files.	Langley IR No. 2.09.a	During Operations	Complete	Superseded by CER Condition	14, 49	Trans Mountain provided the centre line as-built shapefiles to the Township of Langley on June 16, 2025.
722	Stakeholder Engagement	Township of Langley	Trans Mountain is committed, as part of the discussion with the Township of Langley, to providing forward notification to affected residents and/or businesses.	Langley IR No. 2.17.a	Prior to Construction	Complete	Superseded by CER Condition	49	Trans Mountain continues to address this commitment by the Communications and Notifications Plan (CNP) that is included in the Condition 49 Technical Working Group (TWG) Report Update filed in April 2021 (Filing ID A755K7), Section 4.0.
723	Stakeholder Engagement	Township of Langley	Trans Mountain intends to consult with the Township of Langley regarding changes to the Township's parks, and minimizing construction damage, vehicle use and parking within the Township parks.	Langley IR No. 2.18.a	Prior to Construction	Complete	Superseded by CER Condition	49	Trans Mountain has worked with the Township of Langley through the Technical Working Group, which included the development of the Natural Areas Planting Plan. Discussions can also be found in the CER Condition 49 filing (C05717 Table 9 PDF pg 22). Trans Mountain also completed a deviation application to the CER on April 1, 2022 for the Redwood's Golf Course, in which no objections were raised (Filing ID C18411, See #12; CER Approval Filing ID C18652)
725	Stakeholder Engagement	Township of Langley	Trans Mountain commits to working with the Township of Langley to address site specific mitigation measures regarding the three (3) municipal parks affected by the proposed pipeline prior to construction in the parks.	Langley IR No. 2.18.b	Prior to Construction	Complete	Superseded by CER Condition	14, 49	The commitment is addressed with the development of the Township of Langley Natural Areas Planting Plan and the overall Project Agreement in place with the Township. The plan addresses reclamation of the 3 municipal

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									parks (Milaster Park, Ponder Park and Yorkson Floodplain Park) in the Township of Langley and was based on meetings with the Township of Langley documented through Condition 49 – TWGs; where possible the plan incorporates requests from the Township.
822	Stakeholder Engagement	Fraser Valley Regional District	Trans Mountain commits to providing the Fraser Valley Regional District (FVRD) with a link to the progress reports on the NEB website and notifying the district prior to conducting work in the FVRD.	FVRD IR No. 2.16	During Construction	Complete			Trans Mountain did not directly send a link to Condition 106 Progress Report Filings to the Fraser Valley Regional District. However, Trans Mountain has met with representatives from Hope and the Fraser Valley Regional District on a monthly basis since 2020 to provide construction updates via virtual meetings or conference calls. Any presentations and meeting minutes were then sent to all attendees. All of Trans Mountain's Condition 106 filings are publicly available on the CERs website.
825	Stakeholder Engagement	Fraser Valley Regional District	Trans Mountain Pipeline ULC (Trans Mountain) commits to provide the Fraser Valley Regional District (FVRD) with monthly odour and air quality complaint reports during construction of the Trans Mountain Expansion Project within the FVRD geographical boundary.	FVRD IR No. 2.17a, FVRD IR No. 2.17b	During Construction	Complete			As provided in Section 6.0 of Condition 79 (C08441), Trans Mountain has developed a process to provide a monthly odour and air quality complaint report to the FVRD if a complaint is received about odour or air quality during construction within the FVRD geographical boundary. To date no complaints have been received.
838	Stakeholder Engagement	Corporation of the City of Victoria	Trans Mountain commits to consult with coastal communities on a community benefits program focused on marine spill response.	City of Victoria No. 2.2	Prior to Operations	Complete			Commitment addressed as documented in CVA2020- 365 IR 50 response filed June 2020.
899	Stakeholder Engagement	Wembley Estates Strata Council	Trans Mountain commits that it will assign construction liaison roles as part of its construction team as a key point of contact for those impacted by its construction work.	Wembley Estates IR No. 2.1	During Construction	Complete	Superseded by BC EAO	14	Trans Mountain has designated key community liaison' s (construction liaison) through-out the construction activities.
926	Stakeholder Engagement	Dr. Karen Kavanagh	Trans Mountain commits to notifying Dr. Karen Kavanagh a minimum of one week prior to starting tunneling operations to discuss the tunnel boring activities, timing and duration to her research schedule.	NEB Route Hearing Decision Seg 7 Burnaby Sec 3	During Construction	Complete			In July of 2017, Trans Mountain provided Dr. Kavanagh with a newsletter detailing upgrades and expansion planned to be made to the Westridge Marine Terminal, which includes information of how to provide feedback on the project. This newsletter also included tunnel boring construction information. Additionally, in July of 2019, Trans Mountain notified Dr. Kavanagh via email regarding work to be done on the Burnaby Mountain Tunnel between August 2019 to December 2021. On September 2, 2021 Trans Mountain met with Dr. Kavanagh to discuss potential impacts of tunnel boring activity in relation to Dr. Kavanagh's research facility at Simon Fraser University.
1028	Stakeholder Engagement	Regional District of Fraser-Fort George	As part of the Worker Code of Conduct, Trans Mountain will develop guidance for workers outlining appropriate, as well as prohibited, off-site recreational pursuits, use areas, and services in construction hub communities including the Village of Valemount.	RD of Fraser-Fort George IR No. 1.04a	During Construction	Complete			Commitment addressed by BC EAO Condition 14 Report Summary (Update No. 3 Section 3.1 Table 23 pg. 30) filed October 2020 and available on the EPIC website. Trans Mountain partnered with Tourism Valemount and the Valemount and Area Recreational Development Association to provide local information to the Project workforce. A letter from the Mayor with local community information about backcountry recreation use and community values is provided to workers as part of Trans Mountain's onboarding process. Additional information about local businesses and recreational opportunities is available to workers staying in the Valemount Camp Community through billboard display or on request from the recreational advisor.
1164	Stakeholder Engagement	Fraser Valley Watersheds Coalition	Trans Mountain will engage with the Fraser Valley Watersheds Coalition during detailed design phase to evaluate alignment options to cross Stewart Creek (Slough) to minimize disturbance of existing restoration works.	FVWC IR No. 1.4.1	Prior to Construction	Complete			Trans Mountain has engaged with Fraser Valley Watersheds Coalition through email, and workshops where minimal feedback was received from the group.
1199	Stakeholder Engagement	Township of Langley	Trans Mountain is willing to meet with representatives of the Township of Langley to share information on mainline block valve locations as the detailed engineering design is progressed.	Langley IR No. 1.05e	Prior to Construction	Complete	Superseded by CER Condition	14, 49	Through Trans Mountain's Technical Working Group details on valve locations have been discussed and provided to the Township of Langley. Trans Mountain provided applicable Project valve locations to the Township of Langley on July 11, 2016. Condition 49 Technical Working Group (TWG) Report provided details on meetings with the Township of Langley where information on valve locations and detailed engineering design were discussed. Condition 17 report with CER filed Oct 23, 2023 provided a consolidated list of final line 2 valve locations (Filing ID C26847). This filing is available to the public on the CER website.
1439	Stakeholder Engagement	Township of Langley	Trans Mountain is committed to respectful, transparent and collaborative interactions with the Township of Langley. Trans Mountain will continue to engage with the community, including continuing to share updated project information and addressing concerns about the proposed Trans Mountain Expansion Project as they arise.	Langley IR No. 1.12d	Project Lifecycle	Complete	Superseded by CER Condition	49	Trans Mountain through Condition 49 Technical working group (TWG) reports (Filing ID C26633) details communication TM undertook with local governments including the Township of Langley.
1641	Stakeholder Engagement	NEB	Trans Mountain will notify potentially affected local and regional governments and landowners about the proposed final Fraser Valley/Cheam camp location, with the invitation to provide comments on the final location.	NEB Cond IR No. 54.3	Prior to Construction	Complete			On June 18, 2020, Trans Mountain filed a letter to the CER to relocate the Cheam Camp to the Ohamil Camp (Condition 59 Filing ID C06896). An information package was provided to Indigenous groups regarding the location change of the Camp on May 6, 2019 (Detailed in filing C06896 Section 7.0). Trans Mountain has provided notification to local and regional governments and landowners for the Ohamil Camp, the notifications were issued on May 5, 2020 and mailed on May 7, 2020.
1693	Stakeholder Engagement	NEB	Trans Mountain commits to hosting a public information session in Abbotsford to update stakeholders and members of the public about the Project approval and seek input into construction plans and schedules, in May 2017.	Route Variance Sumas Tank Farm Application pg7	Prior to Construction	Complete	Superseded by BC EAO	14	On May 24, 2017 Trans Mountain hosted an information session with Sumas Terminal neighbors, Sandy Hill neighborhood, Mayor & Council and key

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									stakeholders in the Abbotsford community. Topics were discussed and feedback received throughout the session.
1709	Stakeholder Engagement	Environment Canada	Trans Mountain will engage tourism operators in the Jasper National Park area pertaining to the reactivation of the existing pipeline segment between Hinton, Alberta and Hargreaves Station, BC through Jasper National Park.	GoC EC IR No. 2.147	Project Lifecycle	Complete			Several tourism operators were added to the distribution list for Project-related updates as shown in the Reactivation 1 Distribution List. Trans Mountain engaged tourism operators in the Jasper National Park area pertaining to the reactivation of the existing pipeline segment between Hinton, Alberta and Hargreaves Station, BC through Jasper National Park and provided updates to those who requested to continue to be engaged.
1729	Stakeholder Engagement	City of Chilliwack, NEB	Trans Mountain commits to consulting with City of Chilliwack on mitigation measures to reduce the risk of third party damage, such as increasing minimum depth of cover to 1.2 meters and potentially installing a concrete slab between TMEP pipeline at crossings of buried utilities (where construction is open cut).	Route Variance Chilliwack BC Hydro NEB IR 5.4c	During Construction	Complete	Superseded by CER Condition	49	On July 24, 2019 Trans Mountain met with the City of Chilliwack for a Technical Working Group meeting at which mitigation measures to reduce third party damage were discussed. Instead of increasing the minimum depth of cover, the City of Chilliwack requested the be as close to the surface as possible to maximize distance between the pipe and the aquifer. Trans Mountain agreed with the exception of urban areas, in which increased depth was required to limit third party damages.
1730	Stakeholder Engagement	City of Chilliwack, NEB	Trans Mountain commits to reporting to the NEB the results of its consultation with the City of Chilliwack on mitigation measures to reduce the risk of third party damage.	Route Variance Chilliwack BC Hydro Decision pg14	During Construction	Complete	Superseded by CER Condition	49	Results of Technical Working Group meetings are reported to the CER under Condition 49 - Technical working groups. See Condition 49 filing from October 2019 for discussion with the City of Chilliwack about mitigation measures for reducing risk of third party damage (Filing ID C02272, PDF page 25). Additionally see commitment 1729.
1762	Stakeholder Engagement	Landowner - Burnaby Residents (Holly Chan, Steve Cook, Karim and Anar Dossa, Lily and Frank Fan, Claudia Leung and Michael Radano)	Trans Mountain is committed to sharing information on construction plans and reclamation plans directly with the Burnaby Residents.	NEB Route Hearing Decision Seg 7 Burnaby Residents Sec 2.3	Project Lifecycle	Complete			Trans Mountain communicated construction plans to the Burnaby Residents in 2022, and reclamation plans in 2024.
1765	Stakeholder Engagement	City of Burnaby	Trans Mountain commits to continuing to engage and remaining open to discussions with the City of Burnaby around opportunities for improved mitigation and reclamation enhancement as part of detailed construction planning.	NEB Route Hearing Decision Seg 7 City of Burnaby Sec 9	Project Lifecycle	Complete	Superseded by CER Condition	49	Discussions regarding restoration/reclamation between Trans Mountain and the City of Burnaby have been ongoing since 2022. Any plans pertaining to City of Burnaby owned lands were reviewed by the City of Burnaby, and no reclamation work commenced before City of Burnaby provided approval.
1766	Stakeholder Engagement	City of Burnaby	Trans Mountain commits to continuing conversations through its Technical Working Groups about proposed mitigation for all fish-bearing streams Trans Mountain would impact in Burnaby.	NEB Route Hearing Decision Seg 7 City of Burnaby Sec 9	Project Lifecycle	Complete	Superseded by CER Condition	49	Trans Mountain has constructed all watercourse crossings in accordance with Condition 43 methods and timing (approved by the CER). The City of Burnaby denied requests to participate in the Technical Working Group meetings (Condition 49 Filing ID C08832). Trans Mountain commenced construction coordination meetings in January 2022 with the City of Burnaby (Condition 49 Filing ID C26633).
1941	Stakeholder Engagement	Sto:lo Collective	Trans Mountain will communicate with local health authorities, emergency medical service authorities, social service authorities on the timing of the Project, duration of stay in the local community, expected number of people coming into the area and on-site health care plans.	Sto:lo Collective Recommendation #79, #80, #81	Prior to Construction	Complete	Superseded by CER Condition	58	Addressed by Condition 58 (A5T8H6 appendix A and appendix B).
2204	Stakeholder Engagement	NEB	Trans Mountain will ensure memorandums of understanding (MOUs) are drawn up as initiatives are confirmed for the Environmental Stewardship Program.	NEB IR No. 3.036b	During Operations	Complete	Superseded by CER Condition	145	Commitment is superseded by CER Condition 145 (filing ID C33289), Community Benefits Program Progress Report for the Trans Mountain Pipeline ULC Trans Mountain Expansion Project. The Report states that Trans Mountain has negotiated Memoranda of Understanding (MOU) with key stakeholders in each community that are involved in the Community Benefits Program, and that communities were asked to identify projects that aligned with environmental stewardship.
2280	Stakeholder Engagement	City of Abbotsford	As indicated in City of Abbotsford IR No. 1.07c, Trans Mountain is committed to consulting on the Facilities Integrity Management Plan (FIMP), but Trans Mountain will not seek agreement or approval on the FIMP.	City of Abbotsford IR No. 1.07e; City of Abbotsford IR No. 1.07c	Prior to Construction	Complete			rans Mountain provided a presentation on its Facilities Integrity Management Plan to City of Abbotsford representatives on May 31, 2017. There were no unresolved questions or concerns.
2413	Stakeholder Engagement	City of Coquitlam	If, through detailed planning and discussion and consultation with the City of Coquitlam in the Technical Working Groups (TWGs), it is determined that emergency response times cannot be reasonably maintained, or that potential disruptions to access within the TMEP construction zones will occur, Trans Mountain would support the establishment of a temporary fire and emergency response station during the construction phase of TMEP.	Reply Evidence 19.1 Summary of New Commitments - p2 - line 21	During Construction	Complete	Superseded by CER Condition	49	Commitment addressed by Condition 49 Technical Working Group (TWG) Report Update no. 8 filed on April 13 2021 (Filing ID A755K7).
2511	Stakeholder Engagement	City of Burnaby	Prior to construction Trans Mountain will undertake a communications and notification program to ensure local businesses and members of the public are made aware of potential construction impacts including lane restrictions, road closures, and alternate access plans.	Reply Evidence 6.2 Stakeholder Engagement - p5 - line 24, City Burnaby IR No. 1.34.04e	During Construction	Complete	Superseded by CER Condition	49	Commitment addressed in the Communications and Notifications Plan (CNP) included in Condition 49 Technical Working Group (TWG) update in April 2021 Appendix A
2836	Stakeholder Engagement	City of Kamloops	Prior to Construction, Trans Mountain will arrange procurement open houses or workshops at various local and regional locations, in Spreads 2, 3, 4 and 7, to present potential supply opportunities to the project.	City of Kamloops No. 2.11	Prior to Construction	Complete	Superseded by BC EAO	14	Trans Mountain conducted Business Readiness Workshop Presentations along the pipeline route and provided these details through CER Condition 107 filings. Business Readiness Workshop Presentations were completed for Spread 3/4a in Valemount (on November 28, 2017), Blue River (on November 29, 2017), and Clearwater (on November 30, 2017), for Spread 1/2 in Hinton

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									(on November 8, 2017), and for Spread 7 in Coquitlam (on June 24, 2019) by Trans Mountain and the Contractors.
3577	Stakeholder Engagement	NEB	Trans Mountain will make the Worker Code of Conduct available to communities and local authorities where workers will be accommodated or where temporary camps will be located.	NEB IR No. 1.16c	During Construction	Complete	Superseded by CER Condition	59	Commitment is addressed by Condition 59 (A5T8H6 pp 28-30 & Appendix E). Worker Code of conduct can also be found at https://www.transmountain.com/worker-code-of-conduct .
3643	Stakeholder Engagement	City of Kamloops	Trans Mountain will work with the City of Kamloops to relocate the Ord Road dog park during construction. The City has identified alternate location near Aviation Way. Will require fencing and some facilities.	Spring 2015 Regional Engagement Wrap-up	Prior to Construction	Complete	Superseded by CER Condition	49	Trans Mountain together with the City of Kamloops provided a new location for the dog park while the current, Ord Road dog park was under construction. The alternate location for the dog park was funded by TMEP and the City was responsible for the installation of facilities and fencing.
3677	Stakeholder Engagement	Metro Vancouver	Trans Mountain will clarify process for MV to access water mains and other utilities if they are proximate to the pipeline.	Non-Regulatory Commitment	During Operations	Complete	Superseded by CER Condition	14, 49	Trans Mountain, through their Crossing Agreement with Metro Vancouver, confirms that Metro Vancouver will retain access to their facilities through any works or activities to be performed by Trans Mountain. Trans Mountain also confirms that Metro Vancouver has, at all times, unimpeded access to their facilities for the entire duration of construction activities.
3799	Stakeholder Engagement	Town of Edson	Trans Mountain will provide a Community Liaison to be located within community and will consider regular monthly meetings with identified stakeholders during construction.	Non-Regulatory Commitment	During Construction	Complete	Superseded by BC EAO	14	Commitment is addressed by BC EAO Condition 14 Public Engagement Summary Reports pursuant to BC EAO Condition 14 (Update No. 1 sec. 2.5.2) Commitment also addressed by SE&C Execution Enabling Plan (section 4.3 pp 40-42).
3805	Stakeholder Engagement	Village of Valemount	Trans Mountain will provide advance notice of loss of access to backcountry roads (recreation – ATV and snowmobiles) as part of the Traffic Management Plan.	Spring 2015 Regional Engagement Wrap-up	During Construction	Complete	Superseded by CER Condition	49	Trans Mountain confirms that no backcountry roads were impacted by work in Spread 3. Notifications were issued prior to pre-construction and construction activities.
3806	Stakeholder Engagement	City of Merritt, Merritt Chamber of Commerce	Trans Mountain will provide a Community Liaison within the community (not construction office) to manage inquiries and ease access during construction.	Spring 2015 Regional Engagement Wrap-up	During Construction	Complete	Superseded by BC EAO	14	Trans Mountain has designated key community liaison's through-out the Project.
3808	Stakeholder Engagement	Workshop Participants	Trans Mountain will provide a Community Liaison for community complaints during construction. The Community Liaison role will include specific response timeframes for telephone and web contacts; published reports that include nature of complaint, response provided, action completed, and timeframe.	Non-Regulatory Commitment	During Construction	Complete	Superseded by BC EAO	14	Trans Mountain has designated key community liaison's through-out the Project and details of correspondence can be found in Condition 49 filings (example Filing ID C12364). BC EAO Condition 14 Public Engagement Summary Reports pursuant to BC EAO Condition 14 (Update No. 1 sec. 2.5.2) Commitment also addressed by SE&C Execution Enabling Plan (section 4.3 pp 40-42).
3811	Stakeholder Engagement	Workshop Participants	Trans Mountain will provide a community liaison to provide a direct link to local governments.	Regional Summary Report 2015; SEEMP Metro Vancouver	During Construction	Complete	Superseded by BC EAO	14	Trans Mountain has designated key community liaison's through-out construction activities to provide construction activity updates and provide community support. As shown in Table 3 of Condition 49 filings (Filing ID 12364 PDF pg 9), the community liaison's work directly with local governments. Also see, BC EAO Condition 14 Public Engagement Summary Reports pursuant to BC EAO Condition 14 (Update No. 1 sec. 2.5.2) Commitment also addressed by SE&C Execution Enabling Plan (section 4.3 pp 40-42).
3812	Stakeholder Engagement	Jasper Park Chamber of Commerce	Trans Mountain will provide advanced notification about construction and workforce loading to the Jasper Chamber of Commerce.	Non-Regulatory Commitment	Prior to Construction	Complete	Superseded by CER Condition	49	Trans Mountain has provided notification on construction and workforce load to Jasper Park Chamber of Commerce through email communications.
3814	Stakeholder Engagement	City of Abbotsford	Trans Mountain will provide City of Abbotsford with copy of communication and notification plan for Sandy Hill neighbourhood when available.	Abbotsford Technical Working Group Meeting (August 2015)	Prior to Construction	Complete	Superseded by CER Condition	49	Trans Mountain provided the notification plan and communication details for the City of Abbotsford Sandy Hills area in an e-mail to the City of Abbotsford on January 20, 2022.
3905	Stakeholder Engagement	NEB	Trans Mountain commits to filing an updated summary of its consultation with Strathcona Industrial Association (SIA), Alberta Environment and Parks (AEP) and Alberta Capital Air Shed (ACA), and any other interested parties, on technical details with respect to siting, data collection, reporting and availability of data for the Edmonton Terminal as and when it becomes available.	NEB Cond IR No. 32.3	During Construction	Complete			Commitment addressed via Condition 79 - Air Emissions Management Plan for the Edmonton, Sumas and Burnaby Terminals. Appendix A outlines consultation with Strathcona Industrial Association, Alberta Environment and Parks, and Alberta Capital Air Shed (PDF Page 40). Further, Trans Mountain emailed SIA, AEP, and ACA with a letter and summary of the Air Quality Monitoring Plan for Edmonton for review and comment.
4002	Stakeholder Engagement	NEB	Trans Mountain commits to filing an updated summary of its consultation with the Appropriate Government Authorities, and potentially affected landowners/tenants, on all ambient monitoring requirements, including the location of monitoring stations.	NEB Cond IR No. 32.4	During Construction	Complete			Commitment addressed via CER Condition 79 - Air Emissions Management Plan for the Edmonton, Sumas and Burnaby Terminals. Trans Mountain's filing for the Burnaby and Sumas Terminals outlines the consultation and engagement Trans Mountain completed with appropriate government authorities, potentially affected indigenous groups, and affected landowners/tenants (CER Filing ID C08441). See section 2.0 for an overview (PDF Page 11) and Appendix A for the draft plan and feedback (PDF Page 43). Section 4 outlines consideration of the construction and timing of proposed monitoring stations (PDF Page 25).
4006	Stakeholder Engagement	City of Kamloops	Prior to Construction, Trans Mountain will arrange procurement open houses or workshops at various local and regional locations in Spread 5A, to present potential supply opportunities to the project.	City of Kamloops No. 2.11	Prior to Construction	Complete	Superseded by BC EAO	14	Commitment is addressed by BC EAO Condition 14 Public Engagement Summary Reports (Update No 2 sec 2.3.4 and sec 2.3.7, table 11.) Commitment also addressed by Condition 107 (A7L8I2 section 7.2 pp 20-21).

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4007	Stakeholder Engagement	City of Kamloops	Prior to Construction, Trans Mountain will arrange procurement open houses or workshops at various local and regional locations in Spread 5B, to present potential supply opportunities to the project.	City of Kamloops No. 2.11	Prior to Construction	Complete	Superseded by BC EAO	14	Commitment is addressed by BC EAO Condition 14 Engagement Summary Report (Update No 2 sec 2.3.4 and sec 2.3.7, table 11). Commitment also addressed in Condition 107 (A7L8I2 section 7.2 pp 20-21).
4008	Stakeholder Engagement	City of Kamloops	Prior to Construction, Trans Mountain will arrange procurement open houses or workshops at various local and regional locations in Spread 6, to present potential supply opportunities to the project.	City of Kamloops No. 2.11	Prior to Construction	Complete			Commitment met by hosting Fraser Valley Business Readiness Virtual Event on September 29, 2020. Commitment will be addressed in the next BC EAO C14 engagement summary report update filed in October 2021.
4023	Stakeholder Engagement	NEB	Trans Mountain will document Community Readiness Engagement in a consultation update which will be submitted to the National Energy Board (NEB).	NEB IR No. 1.16a	During Construction	Complete	Superseded by BC EAO	14	Commitment addressed via CER Condition 50 - Worker Accommodation Strategy report filed May 2017 (Filing ID A83569). Appendix A of this filing describes Trans Mountain's consultation and engagement activities related to the Worker Accommodation Strategy were completed with appropriate municipal and provincial authorities. Opportunities to discuss worker accommodation and identify issues or concerns were provided to public stakeholders during meetings, workshops, and ongoing engagement activities (PDF Page 47). The draft Worker Accommodation Strategy was released for review and feedback in 2017 to municipal and provincial government authorities, public stakeholders, Indigenous groups and affected landowners.
4580	Stakeholder Engagement	City of Chilliwack	Trans Mountain commits to providing construction schedules to the the City of Chilliwack as they become available.	Detailed Route Hearing, Response to Round 1, IR No. 2.5 City of Chilliwack	During Construction	Complete	Superseded by CER Condition	62	Commitment addressed through Condition 62 Construction Schedule filings. (Examples of CER Condition 62 Filings C25360, C20781, C13878) Removed as an errata: This commitment is limited to the City of Chilliwack as per the Response to Round 2 Information Request - City of Chilliwack (Filing ID C06666)
4581	Stakeholder Engagement	District Parent Advisory Council (DPAC), Landowner - Chilliwack School District #33 (Board of Education)	Trans Mountain commits to engaging with the Chilliwack Board of Education and the District Parent Advisory Council (Chilliwack) regarding construction-related concerns, prior to construction.	Detailed Route Hearing, Reply Evidence (Para 16)	Prior to Construction	Complete			Trans Mountain through various networks, engaged with Chilliwack Board of Education and the District Parent Advisory Council on various construction related details, throughout the construction phase.
14	Supply Chain Management	Ermieskin Cree Nation, Kelly Lake Cree Nation, Kwantlen First Nation, Samson Cree Nation, Sucker Creek First Nation, Whitefish (Goodfish) Lake First Nation #128	In addition to the Employment Policy and the Education and Training Policy, Trans Mountain will develop a Project-specific Procurement Policy, which indicates that the Project is committed to maximize the use of local, regional, Aboriginal, provincial and Canadian businesses during the construction and operation of the Project.	Nations IR No. 1.1.5e	Prior to Construction	Complete			Trans Mountain's Owner's Requirements Attachment C-7 Indigenous, Local and Regional Inclusion Plan provides the details on the inclusion of local, regional, Aboriginal, provincial and Canadian businesses. This document is CONFIDENTIAL.
83	Supply Chain Management	NEB	Environmental requirements will be incorporated into and contract documents related to the Project.	Application Volume 6A, 2-1.	Prior to Construction	Complete			TMEP major contracts incorporate an Owner's Requirement exhibit which includes an Environmental Requirements module.
440	Supply Chain Management	Ken Klakowich, Robyn Allan	As included in the Application, Volume 5B, Section 7.0: Socio-Economic Effects Assessment, page 191 the Project is committed to maximize the use of local, regional, Aboriginal, provincial and Canadian businesses during the construction and operation of the Project.	Allan R IR No. 1.15 bb, Klakowich K IR No. 1.4.0, Klakowich K IR No. 1.4.3	Project Lifecycle	Complete	Superseded by CER Condition	107	Trans Mountain's filed CER Condition 11a (A81758) filed on 2017-02-16 and Condition 11b (A83554) filed on 2017-05-15, provides details on maximizing employment and business opportunities, see specifically Section 1.2 and 3.1. This commitment is also addressed through our semi-annual (6 months) Condition 107 filings, our most recent filing was completed on December 15, 2022 (CER Filing ID C22541) Confidential: The Owner's Requirements documents provides proof that maximization as a requirement for all GCCs and major contractors on the project.
441	Supply Chain Management	Ermieskin Cree Nation, Kelly Lake Cree Nation, Samson Cree Nation, Sucker Creek First Nation, Whitefish (Goodfish) Lake First Nation #128	Trans Mountain will require all contractors to comply with Environmental health and safety policies and procedures that will form part of the Project construction contracts.	Nations IR No. 1.3.6d	During Construction	Complete			TMEP major contracts incorporate an Owner's Requirement exhibit which includes Health and Safety Requirements and Environmental Requirements modules.
442	Supply Chain Management	Ermieskin Cree Nation, Kelly Lake Cree Nation, Samson Cree Nation, Sucker Creek First Nation, Whitefish (Goodfish) Lake First Nation #128	With respect to sole source and/or preferred source contracts, Trans Mountain will utilize direct awards, limited competitive bidding and inclusion of Aboriginal content as stated in the Trans Mountain Aboriginal Procurement Policy (Volume 3B, Appendix G).	Nations IR No. 1.1.5p	During Construction	Complete			Trans Mountain provides Aboriginal Procurement Policy, in CER Condition 107 (CER Filing ID A88805), and Confidential C7 and C11 Owners' Requirements where these conditions are a requirement for all GCCs and major contractors and implemented throughout the Project.
445	Supply Chain Management	NEB	Trans Mountain is committed to maximize employment opportunities for local, regional and Aboriginal groups along the proposed corridor. Trans Mountain will ensure that construction contractors report on a monthly basis hiring statistics that include the percentage of local, regional and Aboriginal hiring's based on total workforce.	NEB IR No. 1.23b, NEB IR No. 1.24d	During Construction	Complete	Superseded by CER Condition	107	Trans Mountain's Owner's Requirements Attachment C-7 Indigenous, Local and Regional Inclusion Plan provides the details on the inclusion of local, regional, Aboriginal, provincial and Canadian businesses. Condition 107 Aboriginal, local, and regional employment and business opportunity monitoring reports are filed every 6 months to the CER, the first of which was filed in December of 2017. Each GCC is required to build their own Indigenous, Local, Regional Employment Training Plan (ILRET plan) based off of the Owners' Requirements C-7.
447	Supply Chain Management	NEB	To ensure that procurement opportunities will be accessible for Aboriginal communities and businesses, Trans Mountain has developed, an Aboriginal Procurement Policy. The policy provides guidance and allowances for facilitating Aboriginal participation in the Project. Once finalized, the content will be used in conjunction with the procurement and workforce development	Application Volume 3B, section 1.4.2.	Prior to Construction	Complete			The subject Aboriginal Procurement Policy has been finalized and is actively being followed, with an Indigenous, Local and Regional Inclusion Plan incorporated in TMEP major contracts.

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			opportunities, and a plan will be created with interested communities for the realization of employment benefits with both Trans Mountain and prime contractors during the Project.						
448	Supply Chain Management	NEB	Trans Mountain is committed to carrying out enhancement measures that will maximize the levels of local participation in Project opportunities through procurement strategies.	Application Volume 5B, 7-53.	Prior to Construction	Complete			Trans Mountain has incorporated its Indigenous, Local and Regional Inclusion Plan in TMEP major contracts.
449	Supply Chain Management	NEB	Trans Mountain is committed to maximizing opportunities for regional participation in Project-related employment, most of which will be through contracting opportunities related to the Project construction. Where qualified local contractors are available, they will have the opportunity to participate in the contracting process established by Trans Mountain.	Application Volume 5B, 7-177.	Prior to Construction	Complete	Superseded by CER Condition	11, 12	Trans Mountain engages regional participation for the Project. Through Condition 11, 12, 58 and 107 Trans Mountain provides local contractor opportunities through the contracting process. Commitment captured in CER filings: Condition 11a (A81758) filed on 2017-02-16, Condition 11b (A83554) filed on 2017-05-15, Condition 12b (A83547) filed on 2017-05-15.
450	Supply Chain Management	NEB	Trans Mountain will develop a Project-specific procurement policy 6 months prior to start of construction.	NEB IR No. 1.25a	Prior to Construction	Complete			TMEP major contracts incorporate an Owner's Requirements exhibit that includes a Procurement Requirement module.
451	Supply Chain Management	NEB	Trans Mountain will initiate an Aboriginal Employment and Training Program to support increased access to Aboriginal employment opportunities on the Project, which will further increase employment opportunities for Aboriginal communities.	Application Volume 5B, 7-183.	Prior to Construction	Complete	Superseded by CER Condition	11, 12	Trans Mountain has prepared and implemented Indigenous, Local, and Regional Employment and Training opportunities which are documented through CER Condition 12a (A81759) Training and Education Monitoring Plan.
452	Supply Chain Management	NEB	Trans Mountain will purchase Project-required goods and services from regional, Alberta and BC (Provincial) and Canadian suppliers, provided those suppliers meet the Project requirements on a best overall value basis, with added consideration for Aboriginal service providers.	Application Volume 5B, 7-191.	Project Lifecycle	Complete			Trans Mountain has incorporated its Indigenous, Local and Regional Inclusion Plan in TMEP major contracts.
684	Supply Chain Management	NEB	If the Asini Wachi Nehiyawak (Mountain Cree) Traditional Band (AWNTB) provide the information required for entry into the Trans Mountain Employment Interests and Skill Registry directly to Trans Mountain, Trans Mountain will enter the data into the Registry on behalf of AWNTB.	NEB Cond IR No. 48.1	During Construction	Complete			Trans Mountain inquired to Asini Wachi Nehiyawak (Mountain Cree) Traditional Band (AWNTB) through an email on January 17, 2018 regarding gathering information for the Skill Registry (CER File ID A96940-1 PDF pg 46). This information is provided to the general construction contractor to assist in employment opportunities. No response was received and a follow up email was provided on February 5, 2018.
952	Supply Chain Management	Georgia Strait Alliance	Trans Mountain is committed to maximizing employment and business opportunities for Aboriginal, local and regional groups.	Georgia Strait Alliance IR No.2(b).13a	During Construction	Complete	Superseded by CER Condition	11, 12	Trans Mountain's filed CER Condition 11a (A81758) filed on 2017-02-16 and Condition 11b (A83554) filed on 2017-05-15, provides details on maximizing employment and business opportunities, see specifically Section 1.2 and 3.1. Condition 107 semi-annual (every 6 months) filings provides details on the employment and business opportunities (Filing C22541) The Owner's Requirements documents (Confidential) provides proof that maximization as a requirement for all GCCs and major contractors on the project.
972	Supply Chain Management	Coldwater Indian Band	Aboriginal capacity inventory data will be provided to Trans Mountain's contractors for hiring purposes and each contractor will be required to report hiring statistics (refer to NEB IR No. 1.24d) on a monthly basis. Additionally, contractors will be required to include a monthly count of the number of hires from the capacity inventory list and a running total of the hires from the capacity inventory list. Trans Mountain will consult with the community and request aggregate information on capacity.	CIB IR No. 1.4f	During Construction	Complete	Superseded by CER Condition	11, 107	Trans Mountain's Owner's Requirements Attachment C-7 Indigenous, Local and Regional Inclusion Plan provides the details on the inclusion of local, regional, Aboriginal, provincial and Canadian businesses. This document is CONFIDENTIAL. Condition 11a Aboriginal, Local, and Regional Skills and Business Capacity Inventory filed February 2017 (File ID A81758-2) Condition 11b Aboriginal, Local, and Regional Skills and Business Capacity Inventory filed May 2017 (File ID A83554) Condition 107 Aboriginal, local, and regional employment and business opportunity monitoring reports are filed every 6 months to the CER, the first of which was filed in December of 2017 (File ID A88805 additional example CER File ID C13543)
973	Supply Chain Management	Ermineskin Cree Nation, Kelly Lake Cree Nation, Samson Cree Nation, Sucker Creek First Nation, Whitefish (Goodfish) Lake First Nation #128	Trans Mountain will perform a capacity inventory for labour and skills in Aboriginal communities associated with the Project. The community will be consulted to understand the training requirements needed to develop job-ready candidates during construction. Training programs may be identified and coordinated. The Aboriginal capacity inventory data will be provided to Trans Mountain's contractors for hiring purposes.	Nations IR No. 1.1.5g	Prior to Construction	Complete	Superseded by CER Condition	11, 12	Through Trans Mountain's Workforce Analysis complete in 2015, the Project has developed programs (such as Condition 58) with input from Indigenous groups, industry partners, Indigenous Skills and Employment Training (ISET) organizations, Indigenous training service providers, post-secondary institutions, and private training service providers.
1067	Supply Chain Management	NEB	Substation work will be contracted to firms specializing in high voltage electrical facilities. In Alberta, the electrical utilities having jurisdiction will contract the work. In BC, Trans Mountain will contract the work.	Application Volume 4B -45.	Prior to Construction	Complete			Completed. Contracts documents.
1627	Supply Chain Management	Sto:lo Collective	Trans Mountain welcomes the opportunity to discuss the development and operation of businesses and or greenhouses that can be used to propagate native plants.	Sto:lo Collective Recommendation #33	Prior to Construction	Complete			Trans Mountain has discussed with Sto:lo Communities who have expressed interest in a recent reforestation RFP that includes greenhouses to propagate plants.
1638	Supply Chain Management	Sto:lo Collective	Trans Mountain will have security in place to reduce the risk of vandalism in and around work sites. Trans Mountain welcomes the opportunity to learn about Sto:lo member security companies with this capacity. It is currently planned that the Contractors selected to complete the work will be hiring or otherwise providing subcontractors to secure the work-site during and after hours, including office complexes, equipment, etc.	Sto:lo Collective Recommendation #56	Prior to Construction	Complete			Cheam Enterprises and Securiguard have partnered to form Cheam Securiguard Group. Cheam First Nation is a member nation of Sto:lo, and is participating in TMEP security through the Cheam Securiguard partnership.
1642	Supply Chain Management	Sto:lo Collective	Trans Mountain will discuss additional surveys or commitments with employment or procurement with Sto:lo representatives.	Sto:lo Collective Recommendation #62	Project Lifecycle	Complete			Trans Mountain has agreements in place with Sto:lo Collective through which community and project-specific approaches for engagement on business and employment opportunities have been developed. Through the requirements of these agreements, Trans Mountain engages with Sto:lo communities regularly. This includes regular meetings to provide information on upcoming opportunities, and reporting on employment and business opportunities. Additionally, Trans Mountain files with the CER on an ongoing basis Condition 96 (Most Recent Filing ID C27811), section 2.1.3 of which details engagement

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									with Indigenous groups regarding employment and training (PDF Page 17), and section 2.1.4 of which details explored business opportunities with Indigenous groups including Sto:lo Collective (PDF page 18). Trans Mountain also reports on Indigenous employment and business opportunities via CER Condition 107 (Most Recent Filing ID C27681).
1644	Supply Chain Management	Sto:lo Collective	Trans Mountain is committed to continued engagement with Sto:lo representatives to discuss opportunities related to employment.	Sto:lo Collective Recommendation #67	Project Lifecycle	Complete			Trans Mountain through agreements with Sto:lo Collective (now known as STSA) have developed community and project-specific approaches to engagement on business and employment opportunities. Through the requirements of these agreements, ISCM engages with the Sto:lo communities regularly regarding business, employment and training opportunities. This includes regular meetings to provide information on upcoming opportunities, successes/awards to date, and reporting on employment and business opportunities. Trans Mountain reports on ongoing engagement with Indigenous groups under CER Condition 96 (most recent filing ID C27811), and on Indigenous employment and business opportunities via CER Condition 107 (most recent filing ID C27681).
1645	Supply Chain Management	Sto:lo Collective	As part of developing the capacity inventory, Trans Mountain is committed to working with Sto:lo representatives to gather community-level information on Aboriginal labour force (as outlined in the letter shared by Trans Mountain on February 12, 2015) and business capacity for Sto:lo communities (as outlined in the letter shared by Trans Mountain on February 5, 2015). Trans Mountain will share with Sto:lo the full details of the Sto:lo-specific skill and business capacity information collected as part of the capacity inventory in hopes it can assist Sto:lo communities in longer-term economic development initiatives unrelated to the Project. Data for the Project-wide capacity inventory will continue to be collected through the construction planning and construction phase. An update to the capacity inventory will be filed with the NEB, and made available to Sto:lo representatives, at least 90 days prior to commencing construction.	Sto:lo Collective Recommendation #67, #68	Prior to Construction	Complete	Superseded by CER Condition	11, 12	Trans Mountain has been collecting Aboriginal, local and regional business capacity information through the TMEP Procurement Registry (www.transmountain.com/procurement), and community-based research with Indigenous Communities. Condition 11a (CER Filing ID A81758-2) Data Collection: Condition 11a (CER Filing ID A81758-2) Update: Condition 11b (CER Filing ID A83554) provides a capacity inventory update. Trans Mountain's Owner's Requirements Attachment C-7 Indigenous, Local and Regional Inclusion Plan provides the details on the inclusion of local, regional, Aboriginal, provincial and Canadian businesses. This document is CONFIDENTIAL.
1646	Supply Chain Management	Sto:lo Collective	Trans Mountain will discuss the opportunity to develop community-specific approaches to consult on, and share information related to the outcomes of the Aboriginal, local and regional employment and business opportunities monitoring. On the basis of this engagement, Trans Mountain will prepare and submit to the Sto:lo a plan for reporting Sto:lo-specific employment and business opportunity monitoring outcomes.	Sto:lo Collective Recommendation #69, #67	Prior to Construction	Complete			Trans Mountain filed through Condition 96 summaries of engagement with Sto:lo Collective, in particular, details on the employment and business opportunities and outcomes. (First Filing for Sto:lo C96 A84533-8 PDF pg 12 Section 3.4.5 Socio-Economic Interests and PDF pg 27 - Employment opportunities). Condition 96 (C13704) provides details on communication with Sto:lo on November 16, 2020 providing information and links on the Socio-Economic Effects Monitoring Reports. Also, through Condition 12a, Trans Mountain together with Sto:lo Aboriginal Skills and Employment Training design and deliver employment programs and services (File ID A81759 Section 4.3.1 PDF pg 22)
1647	Supply Chain Management	Sto:lo Collective	In addition to an agreement between Sto:lo and Trans Mountain to create a Project-specific economic development strategy, Trans Mountain will engage directly with Sto:lo representatives during each Aboriginal, local and regional employment and business opportunities monitoring cycle. Trans Mountain will develop a summary of employment and business opportunities (based on the monitoring indicators) specific to the Sto:lo communities. Trans Mountain will discuss each Sto:lo-specific Aboriginal, local and regional employment and business opportunity monitoring outcome with Sto:lo representatives, as part of the mutually agreed upon engagement strategy, and identify any new opportunities to further enhance employment or business opportunities for Sto:lo members.	Sto:lo Collective Recommendation #70, #67	Prior to Construction	Complete			Trans Mountain filed through Condition 96 summaries of engagement with Sto:lo Collective, in particular, details on the employment and business opportunities and outcomes. (First Filing for Sto:lo C96 A84533-8 PDF pg 12 Section 3.4.5 Socio-Economic Interests and PDF pg 27 - Employment opportunities). Condition 96 (C13704) provides details on communication with Sto:lo on November 16, 2020 providing information and links on the Socio-Economic Effects Monitoring Reports. Also, through Condition 12a, Trans Mountain together with Sto:lo Aboriginal Skills and Employment Training design and deliver employment programs and services (File ID A81759 Section 4.3.1 PDF pg 22)
1875	Supply Chain Management	NEB	Trans Mountain will work with Contractors to give first consideration to qualified regional suppliers of goods and services, where practical and in conformance with procurement policies.	Application Volume 5B, 7-191.	Prior to Construction	Complete			Trans Mountain has incorporated its Indigenous, Local and Regional Inclusion Plan in TMEP major contracts.
1879	Supply Chain Management	NEB	Trans Mountain will incorporate a Line List and landowner commitments into the construction contracts.	NEB IR No. 1.14a, Application, Volume 3C and Volume 2, Section 5.2	Prior to Construction	Complete			
2117	Supply Chain Management	NEB	Trans Mountain is committed to a legacy of education and training opportunities, particularly for those in Alberta and BC, so individuals may directly benefit from employment in the many trades and professions needed to build and operate a pipeline. Trans Mountain is developing a program to provide educational funding to support students in the trades, technology and environmental programs related to the pipeline industry.	NEB IR No. 3.036	Prior to Construction	Complete	Superseded by CER Condition	11, 12, 107, 145	Conditions 11, 12, and 107 address opportunities during the construction phase, and Condition 145 directly addresses the Community Benefit Program that is at the root of this commitment and which continues into the operations phase with progress reports to be made annually for five years.
2627	Supply Chain Management	NEB	Trans Mountain will ensure all contracts, service agreements and materials that are not deemed critical to sustain the Project will first be sought from regional resources.	Application Volume 5B s. 7.2.7.6 p7-190	Prior to Construction	Complete			Trans Mountain has incorporated its Indigenous, Local and Regional Inclusion Plan in TMEP major contracts.
2942	Supply Chain Management	Gun Métis Local 55 (Lac Ste. Anne Métis)	Trans Mountain is committed to maximizing Aboriginal employment on the construction of the Project.	Gunn Métis Local 55 IR No. 2.34, Gunn Métis Local 55 IR No. 2.36	Prior to Construction	Complete	Superseded by CER Condition	11, 12	Commitment captured in CER filings: Condition 11a (A81758) , Condition 11b (A83554), Condition 12b (A83547) , Condition 58a (A83548) and Condition 107 (C16817)

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2995	Supply Chain Management	Kwantlen First Nation, NEB	Trans Mountain will initiate an Aboriginal Employment and Training Program to support increased access to Aboriginal employment opportunities on the Project.	NEB IR No. 3.008a-Attachment 1Kwantlen FN IR No. 1.02.3	Prior to Construction	Complete	Superseded by CER Condition	11, 12	rans Mountain provided information on the Project's commitment to maximizing employment opportunities, which included a link to the employment registry and information on upcoming career fairs see CER Condition 96 (Filing ID A84533 - Dec 10, 2015). Commitment captured in CER filings: Condition 11a (A81758) filed on 2017-02-16, Condition 11b (A83554) filed on 2017-05-15, Condition 12b (A83547) filed on 2017-05-15.
3579	Supply Chain Management	Ermieskin Cree Nation, Kelly Lake Cree Nation, Samson Cree Nation, Sucker Creek First Nation, Whitefish (Goodfish) Lake First Nation #128	Trans Mountain is committed to 'make best efforts' and will maximize procurement opportunities with Aboriginal groups engaged with the Project. Trans Mountain will develop a Project-specific Procurement Policy, which indicates that the Project is committed to maximize the use of local, regional, Aboriginal, provincial and Canadian businesses during the construction and operation of the Project.	Nations IR No. 1.1.5e	Prior to Construction	Complete			Trans Mountain has implemented an Aboriginal Procurement Policy, with an Indigenous, Local and Regional Inclusion Plan incorporated in TMEP major contracts.
3581	Supply Chain Management	Sto:lo Collective	Trans Mountain is committed to maximizing Aboriginal procurement opportunities with the Project. Trans Mountain is committed to continued engagement with Sto:lo representatives to discuss opportunities related to procurement.	Sto:lo Collective Recommendation #67	Project Lifecycle	Complete			Trans Mountain Expansion Project has agreements in place with Sto:lo Collective through which community and project-specific approaches for engagement on business and employment opportunities have been developed. Through the requirements of these agreements, Trans Mountain engages with Sto:lo communities regularly. This includes regular meetings to provide information on upcoming opportunities, and reporting on employment and business opportunities. Additionally, Trans Mountain files with the CER on an ongoing basis Condition 96 (ex. Filing ID C27811), section 2.1.3 of which details engagement with Indigenous groups regarding employment and training (PDF Page 17), and section 2.1.4 of which details explored business opportunities with Indigenous groups including Sto:lo Collective (PDF page 18).
3589	Supply Chain Management	Sto:lo Collective	Trans Mountain will have security in place to reduce the risk of vandalism in and around work sites. Trans Mountain welcomes the opportunity to learn about Sto:lo member security companies with this capacity. It is currently planned that the Contractors selected to complete the work will be hiring or otherwise providing subcontractors to secure the work-site during and after hours, including office complexes, equipment, etc.	Sto:lo Collective Recommendation #56	Prior to Construction	Complete			Cheam Enterprises and Securiguard have partnered to form Cheam Securiguard Group. Cheam First Nation is a member nation of Sto:lo, and is participating in TMEP security through the Cheam Securiguard partnership.
3590	Supply Chain Management	Sto:lo Collective	Trans Mountain will have security in place to reduce the risk of vandalism in and around work sites. Trans Mountain welcomes the opportunity to learn about Sto:lo member security companies with this capacity. It is currently planned that the Contractors selected to complete the work will be hiring or otherwise providing subcontractors to secure the work-site during and after hours, including office complexes, equipment, etc.	Sto:lo Collective Recommendation #56	Project Lifecycle	Complete			Cheam Enterprises and Securiguard have partnered to form Cheam Securiguard Group. Cheam First Nation is a member nation of Sto:lo, and is participating in TMEP security through the Cheam Securiguard partnership.
3992	Supply Chain Management	NEB	Trans Mountain will incorporate a Line List and landowner commitments into the construction contracts for Spread 2.	NEB IR No. 1.14a, Application, Volume 3C and Volume 2, Section 5.2	Prior to Construction	Complete			Construction line list included as a schedule to the construction contract. Line list maintained and updated electronically throughout the construction process with select Trans Mountain and contractor representatives having access rights.
3993	Supply Chain Management	NEB	Trans Mountain will incorporate a Line List and landowner commitments into the construction contracts for Spread 3.	NEB IR No. 1.14a, Application, Volume 3C and Volume 2, Section 5.2	Prior to Construction	Complete			Construction line list included as a schedule to the construction contract. Line list maintained and updated electronically throughout the construction process with select Trans Mountain and contractor representatives having access rights.
3994	Supply Chain Management	NEB	Trans Mountain will incorporate a Line List and landowner commitments into the construction contracts for Spread 4.	NEB IR No. 1.14a, Application, Volume 3C and Volume 2, Section 5.2	Prior to Construction	Complete			Construction line list included as a schedule to the construction contract. Line list maintained and updated electronically throughout the construction process with select Trans Mountain and contractor representatives having access rights.
3995	Supply Chain Management	NEB	Trans Mountain will incorporate a Line List and landowner commitments into the construction contracts for Spread 5A.	NEB IR No. 1.14a, Application, Volume 3C and Volume 2, Section 5.2	Prior to Construction	Complete			Construction line list included as a schedule to the construction contract. Line list maintained and updated electronically throughout the construction process with select Trans Mountain and contractor representatives having access rights.
3996	Supply Chain Management	NEB	Trans Mountain will incorporate a Line List and landowner commitments into the construction contracts for Spread 5B.	NEB IR No. 1.14a, Application, Volume 3C and Volume 2, Section 5.2	Prior to Construction	Complete			Construction line list included as a schedule to the construction contract. Line list maintained and updated electronically throughout the construction process with select Trans Mountain and contractor representatives having access rights.
3997	Supply Chain Management	NEB	Trans Mountain will incorporate a Line List and landowner commitments into the construction contracts for Spread 6.	NEB IR No. 1.14a, Application, Volume 3C and Volume 2, Section 5.2	Prior to Construction	Complete			Construction line list included as a schedule to the construction contract. Line list maintained and updated electronically throughout the construction process with select Trans Mountain and contractor representatives having access rights.
3998	Supply Chain Management	NEB	Trans Mountain will incorporate a Line List and landowner commitments into the construction contracts for Spread 7.	NEB IR No. 1.14a, Application, Volume 3C and Volume 2, Section 5.2	Prior to Construction	Complete			Construction line list included as a schedule to the construction contract. Line list maintained and updated electronically throughout the construction process with select Trans Mountain and contractor representatives having access rights.