

**TABLE OF CONCORDANCE – WESTRIDGE MARINE TERMINAL UPGRADE AND EXPANSION**  
**Proposed changes to Project Description and Technical Reports**

Application Submission Requirement	Name of Report, Study or Other Document	Section or Paragraph Reference No.	Original Text of Section or Paragraph set out in Project Permit Application Submitted to VFPA in <u>2017</u>	Revised Text of Section or Paragraph set out in Project Permit Application Submitted to VFPA in <u>2019</u>	Reason for Change
Application Form	Application Form	N/A	N/A	Submitted new application form.	Change in contact information, corporate entity and construction dates
Executive Summary	Westridge Marine Terminal Project Description (003-TMEP VFPA Project Description2019_Rev5)	Executive Summary p. III	N/A	<p>Added text:</p> <p>On August 28, 2017 Vancouver Fraser Port Authority issued Project Permit 15-322 authorizing upgrades to the Westridge Marine Terminal on VFPA property. Trans Mountain commenced construction of the Westridge Marine Terminal Upgrades in September 2017.</p> <p>On August 30, 2018, the Federal Court of Appeal issued a decision to set aside the Governor in Council's approval of the TMEP, rendering National Energy Board (NEB or Board) Certificate of Public Convenience and Necessity (CPCN) OC-064 a nullity.<sup>1</sup> A new CPCN was issued for the TMEP on June 21, 2019, following a reinitiated Indigenous consultation process, reconsideration of Project-related marine shipping by the NEB, and approval by the Governor in Council on June 18, 2019.</p> <p>On August 2, 2019, the VFPA issued a letter to Trans Mountain regarding next steps for the permit process for the Westridge Marine Terminal Upgrade Project. The VFPA stated that as a result of the Federal Court of Appeal decision in <i>Tsleil-Waututh</i>, the Permit is no longer valid.</p>	Text was added to reflect regulatory and Project changes since 2017.
Executive Summary	Westridge Marine Terminal Project Description (003-TMEP VFPA Project Description2019_Rev5)	Executive Summary p. III-IV	N/A	<p>Added text:</p> <p>The engineering and design of the facility as well as the environmental effects and proposed mitigations included in this application remain materially the same as the original application submitted to VFPA in 2017. An overview changes included in this re-submission is as follows:</p>	Per direction from VFPA in letter to TMC August 2 2019 text was added to provide a summary of the nature of the changes to the application since its original submission.

<sup>1</sup> *Tsleil-Waututh Nation v Canada (Attorney General)*, 2018 FCA 153 ("*Tsleil-Waututh*"), para 768.

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				<ul style="list-style-type: none"> <li>• Updates to reflect changes to Project ownership, Project personnel, regulatory context and schedule since 2017</li> <li>• Temporary re-location of an existing utility dock from Pier 59 to Pier 61, which was previously approved by VFPA through an amendment to PER 15-322.</li> <li>• Extended Hours Work Request submitted to VFPA in April 2019 for overnight welding activity to accommodate tidal conditions</li> <li>• Request to amend Condition 37 from PER 15-322 submitted to VFPA in April 2019 to address an inaccuracy in baseline noise data</li> <li>• Updates to Technical Reports previously provided to VFPA and other regulators including the Erosion and Sediment Control Plan, the Environmental Protection Plan and the Emergency Response Plan.</li> </ul> <p>Individual changes made to the Project Description, Project Description Addendum and Technical Reports are outlined in the attached Table of Concordance.</p>	
General Submission Requirements	Westridge Marine Terminal Project Description (003-TMEP VFPA Project Description2019_Rev5)	Section 1 p.1-1		<p>Added text:</p> <p>Trans Mountain has followed the PER Application Submission Requirements issued by VFPA on August 2, 2019 in the preparation of this Permit Application. Details regarding changes to the PER Application and its associated Technical Reports are outlined in the attached Concordance Table.</p>	Updated to reference August 2, 2019 application requirements from VFPA.
Building Permit List	Westridge Marine Terminal Project Description (003-TMEP VFPA Project Description2019_Rev5)	1.2 – Building Permit p.1-1	The proposed structures which would require a Building Permit under the 2015 National Building Code are shown in the Drawings Technical Report (Drawing SKT-WT00-GA01002-01-B and Drawing #3 in 7773-04 KM TMEP 2016-05-06).	The proposed structures which would require a Building Permit under the 2015 National Building Code are listed in Westridge Marine Terminal Application Addendum Section 3-1 and are also shown in the Drawings Technical Report (Drawing SKT-WT00-GA01002-01-B and Drawing #3 in 7773-04 KM TMEP 2016-05-06).	Added reference to WMT Application Addendum Section 3-1 which includes the list of reviewable structures under the Building Code. The WMT Application Addendum was submitted after the original Project Description and contains additional information over what was filed in the original application.
Contact list	Westridge Marine Terminal Project Description (003-TMEP VFPA Project Description2019_Rev5)	1.3 – Contact List p.1-1	Colin Carlsen, Lead, Regulatory and Compliance Trans Mountain Expansion Project <a href="mailto:Colin_carlsen@kindermorgan.com">Colin_carlsen@kindermorgan.com</a> Direct: 403-514-6587	Katie McKinnon Senior Regulatory Advisor Trans Mountain Corporation <a href="mailto:Katie_mckinnon@transmountain.com">Katie_mckinnon@transmountain.com</a> 403-514-6768	Edit reflects staffing changes on the Project since 2017.

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General Scope	Westridge Marine Terminal Project Description (003-TMEP VFPA Project Description2019_Rev5)	2.1 – General Scope p.2-1	N/A	Text Added:  In August 2018, the Federal Court of Appeal (FCA) issued a decision to set aside the Governor in Council's (GIC) approval of the TMEP, rendering National Energy Board (NEB or Board) Certificate of Public Convenience and Necessity (CPCN) OC-064 a nullity, <sup>2</sup> thereby causing Trans Mountain to safely wind down and cease construction. A new CPCN was recently issued for the TMEP on June 21, 2019, following a reinitiated Indigenous consultation process, reconsideration of Project-related marine shipping by the NEB, and approval by the Governor in Council on June 18, 2019.	Updated to reflect additional regulatory context including the FCA decision and issuance of new CPCN for the Project.
General Scope	Westridge Marine Terminal Project Description (003-TMEP VFPA Project Description2019_Rev5)	2.2.1 – Project Purpose and Use p.2-1	Trans Mountain has entered into long-term firm transportation contracts with 13 shippers, for a total volume of 112,480 m <sup>3</sup> (705,500 bbl/d). The shippers represent a mix of some of the largest producing companies in the Western Canada Sedimentary Basin, and a number of them represent some of the largest integrated oil companies in the world.	Trans Mountain has entered into long-term firm transportation contracts with shippers, for a total volume of 112,480 m <sup>3</sup> (705,500 bbl/d).	Change updates information regarding Project shippers.
General Scope	Westridge Marine Terminal Project Description (003-TMEP VFPA Project Description2019_Rev5)	2.2.2 – Project Rationale p.2-2	The Project's increased market access for Canadian production will result in significant economic benefits to Canada and its regions. The economic benefits associated with the Project include an increase to Canada's Gross Domestic Product by approximately \$4.9 billion during the construction phase of the Project and by \$17.3 billion over the first 20 years of the operations phase. The Project will also generate about \$1.9 billion in additional tax revenues for the federal government during the operations phase and an additional \$1.4 billion in provincial taxes. An additional \$23.7 billion in income taxes and royalty payments to the federal and provincial governments was estimated in the NEB Application, as a result of the expected approximately \$73.5 billion in higher netbacks to oil producers attributable to the market access opportunity provided by the Project.	The Project provides needed flexibility for Western Canadian producers. Oil markets are continually subject to changing market conditions, refinery shut-downs, supply interruptions and other events that impact markets. In order for Western Canadian producers to obtain access to the highest value markets, sufficient pipeline capacity to alternative markets is required. The Project is required from a broad public interest perspective to ensure that producers, federal and provincial governments and Canadians obtain the highest value for their petroleum resources.	Change updated Project-related economic information.

<sup>2</sup> *Tsleil-Waututh Nation v Canada (Attorney General)*, 2018 FCA 153, para 768.

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			<p>The Project will also have a positive economic impact on marine (i.e., port) operations, in terms of increased tanker traffic. Additional tankers calling at the Port of Vancouver bring approximately \$108 million of economic benefits to the local Vancouver economy on an annual basis. This amounts to approximately \$2.2 billion during the first 20 years of Project operations, excluding the indirect and induced impacts from multiplier effects. If the Project proceeds, Trans Mountain will also provide an additional investment of \$100 million in the WCMRC.</p> <p>More generally, the Project is required to provide needed flexibility for Western Canadian producers. Oil markets are continually subject to changing market conditions, refinery shut-downs, supply interruptions and other events that impact markets. In order for Western Canadian producers to obtain access to the highest value markets, sufficient pipeline capacity to alternative markets is required. The Project is one of a group of pipeline projects being proposed by pipeline companies to meet the needs of Western Canadian producers for additional market access.</p> <p>As Canadians are the ultimate owners of petroleum resources as represented through their provincial governments, it is anticipated that the Project from a broader public interest perspective will obtain the highest value for their petroleum resources.</p>		
General Scope	Westridge Marine Terminal Project Description (003-TMEP VFPA Project Description2019_Rev5)	2.2.3 – Regulatory Context p.2-2 – 2-3		<p>Added text:</p> <p>On August 30, 2018, the Federal Court of Appeal issued a decision to set aside the Governor in Council’s approval of the TMEP, rendering National Energy Board (NEB or Board) Certificate of Public Convenience and Necessity (CPCN) OC-064 a nullity.<sup>3</sup> A new CPCN was recently issued for the TMEP on June 21, 2019, following a reinitiated Indigenous consultation process, reconsideration of Project-related marine shipping by the NEB, and approval by the Governor in Council on June 18, 2019.</p>	Updated to reflect additional regulatory context including the FCA decision and issuance of new CPCN for the Project.

<sup>3</sup> *Tsleil-Waututh Nation v Canada (Attorney General)*, 2018 FCA 153 (“*Tsleil-Waututh*”), para 768.

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General Scope	Westridge Marine Terminal Project Description (003-TMEP VFPA Project Description2019_Rev5)	2.2.3.1 Regulatory Context – VFPA Role p.2-3		.Added text:  On August 28, 2017 Vancouver Fraser Port Authority approved Project Permit 15-322 authorizing upgrades to the Westridge Marine Terminal on VFPA property. Trans Mountain commenced construction of the Westridge Marine Terminal Upgrades in September 2017.  On August 2, 2019, the VFPA issued a letter to Trans Mountain regarding next steps for the permit process for the Westridge Marine Terminal Upgrade Project. The VFPA stated that as a result of the Federal Court of Appeal decision in <i>Tsleil-Waututh</i> , the Permit is no longer valid.	Updated to reflect additional regulatory context including the FCA decision and issuance of new CPCN for the Project.
Operations	Westridge Marine Terminal Project Description (003-TMEP VFPA Project Description2019_Rev5)	2.2.4 – Trans Mountain’s Operations in the Vancouver Gateway p.2-3	Kinder Morgan Canada Inc. (KMC) has operated the Trans Mountain Pipeline (TMPL) since 2005. While Trans Mountain is the holder of the existing operating certificate from the National Energy Board (NEB) for the TMPL and is the applicant for the Trans Mountain Expansion Project (TMEP); KMC will operate the expanded TMPL system, if it is approved.	Trans Mountain Pipeline ULC is the holder of the existing operating certificate from the National Energy Board (NEB) for the TMPL and is the applicant for the Trans Mountain Expansion Project (TMEP); Trans Mountain Canada Inc. operates the existing Trans Mountain Pipeline (TMPL) and will operate the expanded TMPL system.	Edit reflects changes to Trans Mountain’s corporate structure resulting from the sale of Trans Mountain to the Government of Canada in 2018.
Operations	Westridge Marine Terminal Project Description (003-TMEP VFPA Project Description2019_Rev5)	2.2.4 – Trans Mountain’s Operations in the Vancouver Gateway p.2-4	Trans Mountain has committed funding of \$100 million to WCMRC to enhance the organization’s capacity is commensurate with the increase in tanker movements expected to result from the Project.	Trans Mountain has committed funding of \$150 million to WCMRC to enhance the organization’s capacity commensurate with the increase in tanker movements expected to result from the Project.	Updated to reflect Trans Mountain’s increased funding commitment to WCMRC since 2017.
Operations	Westridge Marine Terminal Project Description (003-TMEP VFPA Project Description2019_Rev5)	2.4.1 – Existing and Proposed Capacities and Throughput p.2-9	Received jet fuel is delivered to the Vancouver International Airport by Trans Mountain’s affiliate, Trans Mountain (Jet Fuel) Inc.	Received jet fuel is delivered to the Vancouver International Airport by a third party, Kinder Morgan Canada (Jet Fuel) Inc.	Updated to reflect change in corporate structure from sale of Trans Mountain to the federal government. The Jet Fuel system was retained by Kinder Morgan Canada and is no longer an affiliate of Trans Mountain.
Operations	Westridge Marine Terminal Project Description (003-TMEP VFPA Project Description2019_Rev5)	2.4.1 – Existing and Proposed Capacities and Throughput p.2-9	The number of vessels handled each month fluctuates based on market conditions and has been somewhat lower than average in 2015 and 2016	The number of vessels handled each month fluctuates based on market conditions and has been somewhat lower than average between 2015 and 2018.	Updated date to indicate that trend to lower number of vessels was consistent between 2015 and 2018.
Construction and/or Demolition	Westridge Marine Terminal Project Description (003-TMEP VFPA Project Description2019_Rev5)	2.5 – Construction p.2-12	<ul style="list-style-type: none"> <li>Construction of a tunnel for up to three new 30-inch Westridge Delivery Pipelines from WMT to Burnaby Terminal, including construction of the WMT tunnel portal</li> </ul>	Removed reference	Works described are not located on VFPA land so the information is outside the scope of the Permit application.
Construction and/or Demolition -	Westridge Marine Terminal Project Description (003-TMEP VFPA Project	2.5.1 – Schedule p.2-12 – 2-13	The Project would be constructed continuously over an approximately two and a half year period beginning in	Project construction at Westridge Marine Terminal commenced in September 2017. In August 2018, the	Updated to reflect new Project schedule following regulatory delays.

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Schedule	Description2019_Rev5)		<p>late summer of 2017 until spring 2020. The foreshore work, near shore works and berth 1 and 2 will be completed first (end of 2019), followed by berth 3 (Spring 2020).</p> <p>The Westridge Marine construction schedule is anticipated to span continuously from late summer 2017 to March 2020, for a total of 646.9 working days. Based on this timeline, 7022.4 hours are expected to be worked.</p>	<p>Federal Court of Appeal (FCA) issued a decision to set aside the Governor in Council's (GIC) approval of the TMEP, rendering National Energy Board (NEB or Board) Certificate of Public Convenience and Necessity (CPCN) OC-064 a nullity, thereby causing Trans Mountain to safely wind down and cease construction.</p> <p>Subject to receipt of applicable permits and regulatory approvals, Trans Mountain intends to recommence construction activity at Westridge Marine Terminal in September 2019 with expected completion in the fourth quarter of 2022.</p>	
Construction and/or Demolition - Schedule	Westridge Marine Terminal Project Description (003-TMEP VFPA Project Description2019_Rev5)	2.5.1 – Schedule p.2-13	Construction activities are planned to take place in accordance with the hours established within the City of Burnaby noise bylaw. Construction activities will take place Monday to Friday, 7:00 a.m. to 8:00 p.m. and Saturday, 9:00 a.m. to 8:00 p.m.	Construction activities will take place Monday to Friday, 7:00 a.m. to 8:00 p.m. and Saturday, 7:00 a.m. to 8:00 p.m. On April 1, 2019 Trans Mountain submitted an Extended Hours Work Request to VFPA for night welding operations to accommodate tidal schedules. A copy of this application is included in the Noise Study Document No. TR 07b	Reflects Saturday work hours approved under previous VFPA PER 15-322, as well as Trans Mountain's request for extended hours for night welding submitted to VFPA on April 1, 2019.
Construction and/or Demolition - Schedule	Westridge Marine Terminal Permit Application Addendum (004.01-Permit Addendum Intro-Schedule-and-Building-Permit)	2 – Project Schedule p.2-1	<p>The Project will be constructed in two phases, over an approximately 3-year period, beginning in the summer of 2017 until spring 2020.</p> <p>Phase 1 will involve the completion of the foreshore work, near shore works, and Berth 1 and 2. Phase 1 will occur from late summer 2017 to October 2019. After Berth 1 and 2 are commissioned and put into service, Phase 2 involves completion of Berth 3. Phase 2 of the Project will occur from November 2019 to May 2020.</p>	<p>Project construction at Westridge Marine Terminal commenced in September 2017. In August 2018, the Federal Court of Appeal (FCA) issued a decision to set aside the Governor in Council's (GIC) approval of the TMEP, rendering National Energy Board (NEB or Board) Certificate of Public Convenience and Necessity (CPCN) OC-064 a nullity, thereby causing Trans Mountain to safely wind down and cease construction.</p> <p>Subject to receipt of applicable permits and regulatory approvals, Trans Mountain intends to recommence construction activity at Westridge Marine Terminal in September 2019 with expected completion in the fourth quarter of 2022.</p>	Updated to reflect new Project schedule following regulatory delays.
Construction and/or Demolition - Schedule	Westridge Marine Terminal Permit Application Addendum (004.01-Permit Addendum Intro-Schedule-and-Building-Permit)	2 – Project Schedule p.2-1	Construction activities are planned to take place in accordance with the hours established within the City of Burnaby noise bylaw. Construction activities will take place Monday to Friday, 7:00 a.m. to 8:00 p.m. and Saturday, 9:00 a.m. to 8:00 p.m. If work at the WMT is required to occur outside of these hours, including nightshift work and Sunday work, it will be limited to activities that do not increase existing background noise at	Construction activities will take place Monday to Friday, 7:00 a.m. to 8:00 p.m. and Saturday, 7:00 a.m. to 8:00 p.m. On April 1, 2019 Trans Mountain submitted an Extended Hours Work Request to VFPA for night welding operations to accommodate tidal schedules. A copy of this application is included in the Noise Study Document No. TR 07b	Reflects Saturday work hours approved under previous VFPA PER 15-322, as well as Trans Mountain's request for extended hours for night welding submitted to VFPA on April 1, 2019



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			local receptors. Impact driving and vibratory hammering of piles will not take place at night or on Sundays.		
Construction and/or Demolition – Office Trestle	Westridge Marine Terminal Project Description (003-TMEP VFPA Project Description2019_Rev5)	2.5.2 Construction Equipment Table 2-5 – Marine Construction Temporary Facilities p.2-13	Office Barge – 180’ x 50’ 4 Office Trailers – 12’ x 40’ 1 Washroom Trailer – 10’ x 40’ 3 Lunchroom Trailers – 12’ x 60’  Warehouse Barge – 180’ x 50’  4 Tool Connex – 10’ x 40’, stacked 2 high with 60’ x 40’ roof between	Office Trestle – 120’ X 70’  1 office building – 40’ x 90’	Subsequent to the submission of the original Project Description, Trans Mountain replaced the office barge with a trestle office. At this time Trans Mountain also removed the planned warehouse barge. These updates were described in the Westridge Marine Terminal Application Addendum submitted to VFPA in May 2017.  The Project Description has been updated to align with Westridge Marine Terminal Application Addendum: Part 4 – Early Works and approved Project scope under PER 15-322.
Location Plan	TR 01 - Drawings Technical Report (005-TR 1- Drawings Technical Report)	2.1 Location Plan p.2-1	N/A	No changes	N/A
Site Plan	TR 01 - Drawings Technical Report (005-TR 1- Drawings Technical Report)	2.2 Site Plan p.2-3	N/A	No changes	N/A
Buildings, Structures and Equipment	TR 01 - Drawings Technical Report (005-TR 1- Drawings Technical Report)	2.3 Buildings, Structures and Equipment p.2-8	N/A	No changes	N/A
Marine Structures	TR 01 - Drawings Technical Report (005-TR 1- Drawings Technical Report)	2.4 Marine Structures p.2-39	N/A	No changes	N/A
Lot Grading and Utilities	TR 01 - Drawings Technical Report (005-TR 1- Drawings Technical Report)	2.5 Lot Grading and Utilities p.2-76	N/A	No changes	N/A
Lighting Plan	TR 01 - Drawings Technical Report (005-TR 1- Drawings Technical Report)	2.6 Lighting Plan p.2-87	N/A	No changes	N/A
Parking & Access	TR 01 - Drawings Technical Report (005-TR 1- Drawings Technical Report)	2.7 Parking and Access p.2-108	N/A	No changes	N/A
Hazardous Materials Report	TR 02 - Hazardous Materials Technical Report (005-TR 1- Drawings Technical Report)		N/A	No changes	N/A
Hazardous Materials Handling Plan	TR 02 - Hazardous Materials Technical Report (005-TR 1- Drawings Technical Report)		N/A	No changes	N/A
Geotechnical Report	TR 03 - Geotechnical Report Vols 1-9 (Docs 007.01 – 007.24 – TR 03 Geotechnical Report)		N/A	No changes	N/A
Stormwater Pollution Prevention Plan	TR 04 - Stormwater Pollution Prevention Plan (008-TR -4 Stormwater Pollution Prevention Plan)		N/A	No changes	N/A
Traffic Impact Study	Westridge Marine Terminal Project Description (003-TMEP VFPA Project Description2019_Rev5)	2.4.2 WMT Hours of Operation and Employment p.2-10	N/A	No Changes	N/A

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	TR 01 – Drawings Technical Report (005-TR 1-Drawings Technical Report)	Sect 2.7 Figure 7 p.2-108			
Marine Traffic Study	TR 05 - Marine Traffic Technical Report (009-TR 05 VFPA Marine Traffic Tech Report)		N/A	No changes	N/A
Dredging or in-water Excavation	TR 06 - In-water excavation technical report (010-TR 06 VFPA In-Water Excavation Tech Report)		N/A	No changes	N/A
Noise Study	TR 07 - Noise Technical Report (011.01-TR 07 VFPA_Noise Technical Report)  TR 07 a - Application for Amendment to PER 15-322 Condition 37 (011.02-TR 07a VFPA 15-322 Request for Noise Level Amendment)  TR 07 b - Extended Hours Work Request for Night Welding (011.03-TR 07b VFPA Extended Hours Work Request Welding)		N/A	April 1 2019 Amendment request provided as TR 07a requests that VFPA amend Condition 37 to: <ul style="list-style-type: none"> <li>Modify daytime hours for the WMT R3 receptor to include the hours 5 am to 10 pm and nighttime hours include 10 pm to 5 am for the purpose of compliance monitoring.</li> <li>The PSLs at R3 be updated to 68 dBA and 60 dBA for daytime and nighttime, respectively.</li> </ul> April 1 2019 Extended Hours Work Request provided as TR 07 to allow for night welding operations on dolphin jackets.	Update to allowable noise limit in Condition 37 required to reflect more accurate baseline ambient noise data.  Extended Hours Work Request for night welding required to accommodate local tidal conditions.
Air Assessment	TR 08 - Air Technical Report – Vols 1-4 (Docs 012.01 – 012.05 TR 08 Air Tech Report)		N/A	No changes	N/A
Energy Efficiency Study	TR 10 – Project Energy Technical Report (014-TR 10 Project Energy Technical Report)		N/A	No changes	N/A
View Impact Analysis	TR 11 – View and Shade Impact Analysis (015-TR 11 Visual and Shade Impact Report)		N/A	No changes	N/A
Light Impact Analysis	TR 12 – Light Emissions Impact Report (016-TR 12 Light Emissions Impact Report)		N/A	No changes	N/A
Alternative Siting Options	Westridge Marine Terminal Project Description (003-TMEP VFPA Project Description2019_Rev5)	Sect 2.2.5 – Project Setting p.2-4	N/A	No changes	N/A
Mitigation Summary	Westridge Marine Terminal Project Description (003-TMEP VFPA Project Description2019_Rev5)	Sect 3.1 – Mitigation Summary p.3-1 – 3-13	N/A	No changes	N/A
Archaeological Overview Assessment	TR 13 – Archaeological Overview Assessment (017-TR 13 Archaeological Overview Assessment)		N/A	No changes	N/A
Construction Environmental Management Plan	TR 14 – Construction Environmental Management Plan (Westridge Marine Terminal EPP) (018.01-TR 14 WMT Construction Environmental Management Plan)			See attached change logs for details: 018.02-TR 14a: August 2017 WMT EPP Change Log 018.03-TR 14b: Jan 2018 WMT EPP Change Log 018.04-TR 14c: March 2018 WMT EPP Change Log 018.05-TR14d: July 2018 WMT EPP Change Log	An updated version of the Westridge Marine Terminal Environmental Protection Plan was provided to VFPA staff in September 2017 prior to the start of construction at Westridge Marine Terminal. A copy of that change log is attached as TR 14a.



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					Since that submission, Trans Mountain has made a few minor administrative updates to the WMT EPP to ensure alignment of the EPP with other Environmental Management Plans. Copies of those change logs are attached as TR 14b, TR14c and TR14d.
Vegetation Plan and Report	TR 15 – Environmental Technical Report (019-TR 15 TMEP VFPA Environmental May 2017_v3)		N/A	No changes	N/A
Vegetation Plan and Report	TR 24 – Riparian Habitat Management Plan (027-TR 24 Riparian Habitat Management Plan May 2017)		N/A	No changes	N/A
Soil and Sediment Management Plan	TR 16 – Marine Soil and Sediment Technical Report (020-TR 16 Marine Soil and Sediment Technical Report)		N/A	No changes	N/A
Soil and Sediment Management Plan	TR 25 - Erosion and Sediment Control Plan (028-TR 25 WMT Erosion and Sediment Control Plan Phase 1_2)		Section 2: Project Description – Removed Section 3.2: Permits and Approvals – Removed Appendix A: Burnaby Mountain Tunnel EPP– Removed as not applicable Table 1: Construction Activities by Area – Removed Table 3: CCME Water Quality Guidelines for turbidity, suspended and pH - Removed	Section 7.6: Provided more focus on onshore construction with details on Phases 1 and 2. Onshore phase drawings included NEW Appendix A: Construction Water Quality Monitoring Plan added	Changes to the Erosion and Sediment Control Plan for the Westridge Marine Terminal were driven by the BC MOE permitting process. Updated Plan was reviewed and accepted by VFPA Environment Staff.
Biophysical Survey Report	TR 15 - Environmental Technical Report (019-TR 15 TMEP VFPA Environmental May 2017_v3)	Sect 3-1 Biophysical Survey p.3-1	N/A	No changes	N/A
Nesting Bird and Nesting Colony Survey	TR 15 - Environmental Technical Report (019-TR 15 TMEP VFPA Environmental May 2017_v3)	Sect 4-1 Nesting Bird Report p.4-1	N/A	No changes	N/A
Fish and Fish Habitat Offset Plan	TR 09 - Fish Habitat Offset Plan (013.01-TR 09 Fish Habitat Offset Plan)  TR 09a – July 15, 2019 Cover Letter for submission of Fisheries Act Authorization Application for Westridge Marine Terminal (013.02-TR 09a July 2019 WMT FAA Cover Letter)		N/A	See new cover letter provided as TR 09a	The Fish and Fish Habitat Offset Plan presents the <i>Fisheries Act</i> Application for Authorization. There are no material changes to the works and activities described in the original authorization. The only amendments made to the application for Authorization relate to construction dates.  The <i>Fisheries Act</i> Application for Authorization was resubmitted to DFO on July 15, 2019, and any changes in the resulting Authorization will be complied with.
Species-at-Risk Assessment	TR 15 - Environmental Technical Report (019-TR 15 TMEP VFPA Environmental May	Sect 5-1 Species at Risk Assessment p.5-1	N/A	No changes	N/A

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	2017_v3)				
Invasive Species Assessment and Proposed Vegetation Management Plan	TR 15 - Environmental Technical Report (019-TR 15 TMEP VFPA Environmental May 2017_v3)	Sect 6-1 Invasive Species Assessment p.6-1	N/A	No changes	NOTE: Pre-construction surveys and treatments, and annual surveys and treatments have been undertaken at Westridge Marine Terminal since 2017.
Human Health Effects	TR 17 - Human Health Risk Assessment Vol 1 & 2 (Docs 021.01-021.02 TR 17 VFPA Human Health Risk Assessment Parts 1 & 2)		N/A	No changes	N/A
Spill Prevention and Emergency Response Plan	TR 18 - Spill Prevention and Emergency Response Technical Report (022-TR 18 WMT Emergency Response Plan 2019)		N/A	Updated 2019 ERP attached	<p>Trans Mountain updates its emergency response plans annually. Since the original VFPA application, the <i>Emergency Response Plan- Westridge Marine Terminal</i> has been revised twice-- April 2018 and April 2019. Key enhancements to the Plan include:</p> <ul style="list-style-type: none"> <li>• revision of the Section 2.0 Notification as a result of input received during engagement with First Nations and stakeholders;</li> <li>• updates to Section 4.0 Spill Containment and Recovery and to Section 5.0 Protection of High Consequence Areas</li> <li>• addition of Tsunami to Section 6.1 Natural Hazards</li> <li>• addition of references to the Greater Vancouver Integrated Response Plan (Section 8.14).</li> </ul> <p>As part of the continual improvement that arises from annual updates, other sections of the Plan have had updates; a full list of changes can be found in the Preface- Control Sheet. Additionally, in October 2018, the plan was rebranded from Kinder Morgan Canada to Trans Mountain.</p>
Hazard Risk Assessment/ Fire Risk Assessment & Dust Explosion Hazard Analysis	TR 19 - Fire Risk Assessment Technical Report (023-TR 19 VFPA Fire Risk Assessment Tech Report)		N/A	No changes	N/A
Fire Safety Plan	TR 18 - Spill Prevention and Emergency Response Technical Report (022-TR 18 WMT Emergency Response Plan 2019)			Updated 2019 ERP attached	Trans Mountain updates its emergency response plans annually. Since the original VFPA application, the <i>Emergency Response Plan- Westridge Marine Terminal</i> has been revised twice-- April 2018 and April 2019. Key enhancements to the Plan include:

Application Submission Requirement	Name of Report, Study or Other Document	Section or Paragraph Reference No.	Original Text of Section or Paragraph set out in Project Permit Application Submitted to VFPA in <u>2017</u>	Revised Text of Section or Paragraph set out in Project Permit Application Submitted to VFPA in <u>2019</u>	Reason for Change
					<ul style="list-style-type: none"> <li>• revision of the Section 2.0 Notification as a result of input received during engagement with First Nations and stakeholders;</li> <li>• updates to Section 4.0 Spill Containment and Recovery and to Section 5.0 Protection of High Consequence Areas</li> <li>• addition of Tsunami to Section 6.1 Natural Hazards</li> <li>• addition of references to the Greater Vancouver Integrated Response Plan (Section 8.14).</li> </ul> <p>As part of the continual improvement that arises from annual updates, other sections of the Plan have had updates; a full list of changes can be found in the Preface- Control Sheet. Additionally, in October 2018, the plan was rebranded from Kinder Morgan Canada to Trans Mountain.</p>
Flood Protection	Westridge Marine Terminal Project Description (003-TMEP VFPA Project Description2019_Rev5)	4-1 General Flood Risk p.4-1	N/A	No changes	N/A
Indigenous Consultation	<p>TR 20 – Aboriginal Consultation Technical Report (024.01-TR 20 TMEP VFPA Aboriginal Engagement Report)</p> <p>TR 20a – Indigenous Engagement Update Aug 2019 (024.02-TR 20a – VFPA Indigenous Engagement Update Aug 2019)</p>		N/A	Provided update on Indigenous engagement related to Westridge Marine Terminal since 2017 included as document TR20a	Update to reflect ongoing consultation since original application submission
Stakeholder Consultation	<p>TR 21 - Consultation and Engagement Summary Report (Docs 025.01 – 025.14-TR 21 Consultation Engagement Report)</p> <p>TR 21a – Consultation and Engagement Summary Report August 2019 (025.15-TR 21a – VFPA_WMT_EngSumRpt_Aug 2019)</p>		N/A	Provided update on Stakeholder engagement related to Westridge Marine Terminal since 2017	Update to reflect ongoing consultation since original application submission
Draft Construction Communications Plan	TR 23 – Construction Communications Plan (026-TR 23 – WMT Construction Comm Plan_Aug 2019)		N/A	<p>Provided updated Construction Communications Plan to reflect:</p> <ul style="list-style-type: none"> <li>• updated references to dates through out</li> <li>• updated terminology (e.g. NOTSHIP now a NAVWARN)</li> <li>• removed any references to KMC, KML or Kinder Morgan</li> <li>• updated project overview to reflect FCA decision, reconsideration and new CPCN</li> </ul>	Updated schedule dates and contact information.

Application Submission Requirement	Name of Report, Study or Other Document	Section or Paragraph Reference No.	Original Text of Section or Paragraph set out in Project Permit Application Submitted to VFPA in <u>2017</u>	Revised Text of Section or Paragraph set out in Project Permit Application Submitted to VFPA in <u>2019</u>	Reason for Change
				<ul style="list-style-type: none"> <li>• updated filing IDs for related NEB condition compliance plans</li> <li>• confirmation pre-construction activities have occurred as part of first year of construction; restart communications accounted for as part of construction communication phase</li> <li>• minor updates to key messages</li> <li>• updated contact information for community liaisons and communication protocol</li> <li>• updated complains process diagram (information flow)</li> </ul>	
MISC	Approved Amendment to PER 15-322 for Temporary Utility Dock Relocation (029-15-322 Approved Amendment for temporary utility dock relocation)	N/A	N/A	N/A	On November 24, 2017 VFPA approved an amendment to PER 15-322 to temporarily re-locate the existing utility dock from Pier 59 to Pier 61 to accommodate construction activities at Westridge Marine Terminal. The dock was re-located in accordance with the permit amendment in late 2017.