

Appendix B

Phased Conditions Matrix

Phased Conditions Matrix								Region, Spread, or Work Area and Associated Legal Instrument																					
								Westridge Marine Terminal	Edmonton Terminal	Sumas Terminal	Burnaby Terminal	Jasper Pump Station	Black Pines Pump Station	Kamloops Pump Station	Sumas Pump Station	Edmonton Pump Station	Gainford Pump Station	Wolf Pump Station	Edson Pump Station	Hinton Pump Station	Blue River Pump Station	McMurphy Pump Station	Blackpool Pump Station	Black Pines Pump Station	Kamloops Pump Station	Kingsvale Pump Station	Niton Pump Station Reactivation		
NEB	Sub	NEB Condition Topic	CPCN	OC2	OC49	Pump1	Pump2	Tanks	OC-064 (CPCN)	XO-T260-010-2016 (Tanks) AO-003-OC-2 (OC-2)	XO-T260-010-2016 (Tanks)	XO-T260-010-2016 (Tanks) AO-003-OC-2 (OC-2)	XO-T260-008-2016 (Pump1)	XO-T260-008-2016 (Pump1)	XO-T260-008-2016 (Pump1)	XO-T260-008-2016 (Pump1)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	AO-003-OC-2 (OC-2)
1		Condition compliance	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
2		Compliance with commitments	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
3		Environmental protection	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
4		Engineering and safety	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
5		Certificate expiration (sunset clause)	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
6	a (i)	Commitments tracking table (3 months after CPCN)	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
6	a (ii)	Commitments tracking table (30 days prior to construction)	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
6	a (iii)	Commitments tracking table (monthly construction until operations)	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
6	a (iv)	Commitments tracking table (quarterly during operations)	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
6	b	Commitments tracking table (TM Website Posts)	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
6	c	Commitments tracking table (permit binder at construction offices)	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
7		Environmental and socio-economic assessment - route re-alignments	X																										
8		Design temperatures – terminals and pump stations	X		X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
9		Quality Management Plan	X		X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
10		Phased filings	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
11	a	Aboriginal, local, and regional skills and business capacity inventory	X						X																				
11	b	Aboriginal, local, and regional skills and business capacity inventory - Updates to Section a	X						X																				
12	a	Training and Education Monitoring Plan	X						X																				
12	b	Training and Education Monitoring Plan - Updates to Section a	X						X																				
13		Socio-Economic Effects Monitoring Plan	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
14		Technical working group (TWG) – Terms of Reference	X						X																				
15		Pipeline risk assessment	X						X																				
16		Quantitative Geohazard Frequency Assessment	X						X																				
17		Valve locations on Line 2	X																										
18		Valve locations and upgrades – Line 1		X																									
19		Pipeline segment reactivation (Hinton to Hargreaves; Darfield to Black Pines) – engineering assessment and certificate		X																									
20		Existing NPS 24 delivery pipeline location	X																										
21		Transient hydraulic analysis on the existing NPS 24 delivery pipeline	X																										
22		Updated terminal risk assessments					X			X	X	X																	

Appendix B

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		Phase #																								

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Phased Conditions Matrix							Phase #	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20																																																																																																																																																																																																																																																																																																																																									
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NEB	Sub	NEB Condition Topic					CPCN	OC2	OC49	Pump1	Pump2	Tanks	OC-064 (CPCN)	XO-T260-010-2016 (Tanks) AO-003-OC-2 (OC-2)	XO-T260-010-2016 (Tanks)	XO-T260-010-2016 (Tanks) AO-003-OC-2 (OC-2)	XO-T260-008-2016 (Pump1)	XO-T260-008-2016 (Pump1)	XO-T260-008-2016 (Pump1)	XO-T260-008-2016 (Pump1)	XO-T260-008-2016 (Pump1)	XO-T260-008-2016 (Pump1)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T2

Phased Conditions Matrix

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Appendix B

Phased Conditions Matrix

		Phase #						1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
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47		Access Management Plan(s)	X	X		X	X		X				X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
48		Navigation and navigation safety plan	X	X		X	X		X																		
49		Technical working group (TWG) reports	X						X																		
50		High-voltage alternating current (AC) interference	X																								
51		Field changes manual for geohazard mitigation	X																								
52		Air Emissions Management Plan for the Westridge Marine Terminal	X						X																		
53		Fugitive Emissions Management Plan for the Westridge Marine Terminal	X						X																		
54		Fugitive Emissions Management Plan for Edmonton, Sumas and Burnaby Terminals						X		X	X																
55		Fugitive Emissions Management Plan for pump stations	X		X	X						X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
56		Grizzly Bear Mitigation Plan	X	X		X	X																				
57		Commercial Support for the Project	X						X																		
58	a	Training and education monitoring reports	X						X																		
58	b	Training and education monitoring reports	X						X																		
59	a,b	Worker accommodation strategy	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
59	c	Worker accommodation strategy	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
60		Environmental and socio-economic assessment - s 58 temporary construction lands and infrastructure																									
61		List of temporary infrastructure sites																									
62		Construction schedule	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
63	a	Security Management Programs	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
63	b	Security Management Programs	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
64	a	Construction safety manuals	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
64	b	Construction safety manuals	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
65		Hydrology – notable watercourse crossings	X																								
66		Risk Management Plan for geohazards	X																								
67		Outstanding horizontal directional drilling geotechnical and feasibility reports	X																								
68		Seismic reports – liquefaction potential	X						X																		
69		Fault studies	X						X																		
70		Strain-based design	X																								
71		Riparian Habitat Management Plan	X	X																							
72		Pipeline Environmental Protection Plan	X	X																							

Appendix B

Phased Conditions Matrix

[illegible]

Appendix B

Phased Conditions Matrix

Phased Conditions Matrix								Phase #	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
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Appendix B

Phased Conditions Matrix

Phase #								21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	
Phased Conditions Matrix								Line 1 (valves)	Hinton to BC Border Reactivation	BC Border to Hargreaves Reactivation	Darfield to Blackpines Reactivation	Wolf Pump Station Deactivation	Spread 1	Spread 2	Spread 3	Spread 4	Spread 5	Spread 5, C39 Coldwater Hydrological	Spread 5, C7 Ohamil	Spread 6	Spread 6, C7 Tzeachten	Spread 6, C77 Lightning Rock	Spread 7	Spread 7, C7 Surrey Bend	Westridge Delivery Lines	Burnaby Tunnel	
NEB	Sub	NEB Condition Topic	CPCN	OC2	OC49	Pump1	Pump2	Tanks	NA	AO-003-OC-2 (OC-2)	AO-003-OC-2 (OC-2)	AO-003-OC-2 (OC-2)	AO-002-OC-49 (OC-49)	OC-064 (CPCN)	OC-064 (CPCN)	OC-064 (CPCN)	OC-064 (CPCN)	OC-064 (CPCN)	OC-064 (CPCN)	OC-064 (CPCN)	OC-064 (CPCN)	OC-064 (CPCN)	OC-064 (CPCN)	OC-064 (CPCN)	OC-064 (CPCN)	OC-064 (CPCN)	
73		Traffic Control Plans for public roadways	X	X	X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
74		Horizontal directional drilling (HDD) Noise Management Plan	X											X	X	X	X	X	X	X	X	X	X	X	X		
75	a,b	Nooksack Dace and Salish Sucker Management Plan	X																X	X		X	X				
75	c	Nooksack Dace and Salish Sucker Management Plan	X																X	X		X	X				
75	d	Nooksack Dace and Salish Sucker Management Plan	X																X	X		X	X				
76		Old Growth Management Areas Mitigation and Replacement Plan	X			X	X									X	X	X	X								
77		Archaeological and cultural heritage assessment – Lightning Rock	X																			X					
78		Facilities Environmental Protection Plan		X	X	X	X	X					X														
79		Air Emissions Management Plan for the Edmonton, Sumas and Burnaby Terminals						X																			
80		Noise Management Plan for construction at terminals and pump stations	X			X	X	X																			
81		Westridge Marine Terminal Environmental Protection Plan	X																								
82		Light Emissions Management Plan for the Westridge Marine Terminal	X																								
83		Westridge Marine Terminal (offshore) – pile design	X																								
84		Emergency release system at the Westridge Marine Terminal	X																								
85		Air Emissions Management Plan – Burnaby Mountain tunnel construction	X																							X	
86		Burnaby Mountain Tunnel Construction Noise Management Plan	X																							X	
87		Groundwater Seepage Management Plan – Burnaby Mountain tunnel construction	X																							X	
88		Project organizational structure for Project construction	X											X	X	X	X	X	X	X	X	X	X	X	X	X	
89		Emergency Response Plans for construction	X	X	X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
90		Consultation on improvements to Trans Mountain's Emergency Management Program	X				X	X						X	X	X	X	X	X	X	X	X	X	X	X	X	
91		Plan for implementing, monitoring, and complying with marine shipping-related commitments	X																								
92		Updates under the Species at Risk Act	X	X		X	X			X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	
93		Water well inventory	X											X	X	X	X	X	X	X	X	X	X	X	X	X	
94		Consultation reports – protection of municipal water sources	X	X		X	X	X		X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	
95		Visual Impact Plan	X											X	X	X	X	X	X	X	X	X	X	X	X	X	
96		Reports on engagement with Aboriginal groups – construction	X	X	X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
97		Traditional Land Use (TLU) and Traditional Marine Resource Use (TMRU) Investigation Report	X											X	X	X	X	X	X	X	X	X	X	X	X	X	
98		Plan for Aboriginal group participation in construction monitoring	X	X		X	X	X		X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	
99		Landowner and tenant consultation reports	X											X	X	X	X	X	X	X	X	X	X	X	X	X	
100		Heritage resources	X	X	X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	

Appendix B

Phased Conditions Matrix

Phased Conditions Matrix								1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	
Region, Spread, or Work Area and Associated Legal Instrument																												
Westridge Marine Terminal								Edmonton Terminal	Sumas Terminal	Burnaby Terminal	Jasper Pump Station	Black Pines Pump Station	Kamloops Pump Station	Sumas Pump Station	Edmonton Pump Station	Gainford Pump Station	Wolf Pump Station	Edson Pump Station	Hinton Pump Station	Blue River Pump Station	McMurphy Pump Station	Blackpool Pump Station	Black Pines Pump Station	Kamloops Pump Station	Kingsvale Pump Station	Niton Pump Station Reactivation		
NEB	Sub	NEB Condition Topic	CPCN	OC2	OC49	Pump1	Pump2	Tanks	OC-064 (CPCN)	XO-T260-010-2016 (Tanks) AO-003-OC-2 (OC-2)	XO-T260-010-2016 (Tanks)	XO-T260-010-2016 (Tanks) AO-003-OC-2 (OC-2)	XO-T260-008-2016 (Pump1)	XO-T260-008-2016 (Pump1)	XO-T260-008-2016 (Pump1)	XO-T260-008-2016 (Pump1)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	AO-003-OC-2 (OC-2)
101		Uninterruptible Power Supply (UPS) and battery systems	X			X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
102		Landowner and tenant complaint process/system	X																									
103		Utility crossings	X						X																			
104		Updated engineering alignment sheets and drawings	X																									
105		Quality assurance verification	X			X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
106		Construction progress reports	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
107		Aboriginal, local, and regional employment and business opportunity monitoring reports	X						X																			
108	a	Contingency watercourse crossings	X																									
108	b	Contingency watercourse crossings	X																									
108	c	Contingency watercourse crossings	X																									
109	a	Authorization(s) under paragraph 35(2)(b) of the Fisheries Act – Westridge Marine Terminal	X						X																			
109	b	Authorization(s) under paragraph 35(2)(b) of the Fisheries Act – Westridge Marine Terminal	X						X																			
110	a	Authorizations under paragraph 35(2)(b) of the Fisheries Act and Species at Risk permits – pipeline	X	X																								
110	b	Authorizations under paragraph 35(2)(b) of the Fisheries Act and Species at Risk permits – pipeline	X	X																								
110	c (i)	Authorizations under paragraph 35(2)(b) of the Fisheries Act and Species at Risk permits – pipeline	X	X																								
110	c (ii)	Authorizations under paragraph 35(2)(b) of the Fisheries Act and Species at Risk permits – pipeline	X	X																								
111		Joining Programs	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
112		Pressure testing	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
113		Hydrostatic Testing Plan	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
114		NDE of final tie-in welds	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
115	a	SCADA and leak detection system design	X	X																								
115	b	SCADA and leak detection system design	X	X																								
116		Control system, SCADA, instruments, and communication	X						X																			
117		Reporting on improvements to Trans Mountain's Emergency	X			X	X		X	X	X	X					X	X	X	X	X	X	X	X	X	X	X	
118		Firefighting capacity at terminals	X				X		X	X	X	X																
119		Emergency Preparedness and Response Exercise and Training Program	X			X	X		X	X	X	X					X	X	X	X	X	X	X	X	X	X	X	
120	a	Notification and reporting on emergency response exercises - Notification	X			X	X		X	X	X	X					X	X	X	X	X	X	X	X	X	X	X	
120	b	Notification and reporting on emergency response exercises - File report	X			X	X		X	X	X	X					X	X	X	X	X	X	X	X	X	X	X	
121	b (iv)	Financial Assurances Plan – operations phase	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
121	a	Financial Assurances Plan – operations phase	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X

Appendix B

Phased Conditions Matrix

		Phase #																										
		21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39								
Appendix B									Phased Conditions Matrix																			
									Line 1 (valves)	Hinton to BC Border Reactivation	BC Border to Hargreaves Reactivation	Darfield to Blackpines Reactivation	Wolf Pump Station Deactivation	Spread 1	Spread 2	Spread 3	Spread 4	Spread 5	Spread 5, C39 Coldwater Hydrological	Spread 5, C7 Ohamil	Spread 6	Spread 6, C7 Tzeachten	Spread 6, C77 Lightning Rock	Spread 7	Spread 7, C7 Surrey Bend	Westridge Delivery Lines	Burnaby Tunnel	
NEB	Sub	NEB Condition Topic	CPCN	OC2	OC49	Pump1	Pump2	Tanks	NA	AO-003-OC-2 (OC-2)	AO-003-OC-2 (OC-2)	AO-003-OC-2 (OC-2)	AO-002-OC-49 (OC-49)	OC-064 (CPCN)	OC-064 (CPCN)	OC-064 (CPCN)	OC-064 (CPCN)	OC-064 (CPCN)	OC-064 (CPCN)	OC-064 (CPCN)	OC-064 (CPCN)	OC-064 (CPCN)	OC-064 (CPCN)	OC-064 (CPCN)	OC-064 (CPCN)	OC-064 (CPCN)	OC-064 (CPCN)	
101		Uninterruptible Power Supply (UPS) and battery systems	X			X	X	X																				
102		Landowner and tenant complaint process/system	X											X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
103		Utility crossings	X											X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
104		Updated engineering alignment sheets and drawings	X											X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
105		Quality assurance verification	X			X	X	X						X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
106		Construction progress reports	X	X	X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
107		Aboriginal, local, and regional employment and business opportunity monitoring reports	X											X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
108	a	Contingency watercourse crossings	X											X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
108	b	Contingency watercourse crossings	X											X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
108	c	Contingency watercourse crossings	X											X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
109	a	Authorization(s) under paragraph 35(2)(b) of the Fisheries Act – Westridge Marine Terminal	X																									
109	b	Authorization(s) under paragraph 35(2)(b) of the Fisheries Act – Westridge Marine Terminal	X																									
110	a	Authorizations under paragraph 35(2)(b) of the Fisheries Act and Species at Risk permits – pipeline	X	X						X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
110	b	Authorizations under paragraph 35(2)(b) of the Fisheries Act and Species at Risk permits – pipeline	X	X						X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
110	c (i)	Authorizations under paragraph 35(2)(b) of the Fisheries Act and Species at Risk permits – pipeline	X	X						X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
110	c (ii)	Authorizations under paragraph 35(2)(b) of the Fisheries Act and Species at Risk permits – pipeline	X	X						X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
111		Joining Programs	X	X		X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
112		Pressure testing	X	X		X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
113		Hydrostatic Testing Plan	X	X		X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
114		NDE of final tie-in welds	X	X		X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
115	a	SCADA and leak detection system design	X	X						X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
115	b	SCADA and leak detection system design	X	X						X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
116		Control system, SCADA, instruments, and communication	X											X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
117		Reporting on improvements to Trans Mountain's Emergency	X				X	X						X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
118		Firefighting capacity at terminals	X					X																				
119		Emergency Preparedness and Response Exercise and Training Program	X				X	X						X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
120	a	Notification and reporting on emergency response exercises - Notification	X				X	X						X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
120	b	Notification and reporting on emergency response exercises - File report	X				X	X						X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
121	b (iv)	Financial Assurances Plan – operations phase	X	X		X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
121	a	Financial Assurances Plan – operations phase	X	X		X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X

Appendix B

Phased Conditions Matrix

Phased Conditions Matrix								Phase #	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	
Region, Spread, or Work Area and Associated Legal Instrument																													
		Westridge Marine Terminal	Edmonton Terminal	Sumas Terminal	Burnaby Terminal	Jasper Pump Station	Black Pines Pump Station	Kamloops Pump Station	Sumas Pump Station	Edmonton Pump Station	Gainford Pump Station	Wolf Pump Station	Edson Pump Station	Hinton Pump Station	Blue River Pump Station	McMurphy Pump Station	Blackpool Pump Station	Black Pines Pump Station	Kamloops Pump Station	Kingsvale Pump Station	Niton Pump Station Reactivation								
NEB	Sub	NEB Condition Topic	CPCN	OC2	OC49	Pump1	Pump2	Tanks	OC-064 (CPCN)	XO-T260-010-2016 (Tanks) AO-003-OC-2 (OC-2)	XO-T260-010-2016 (Tanks)	XO-T260-010-2016 (Tanks) AO-003-OC-2 (OC-2)	XO-T260-008-2016 (Pump1)	XO-T260-008-2016 (Pump1)	XO-T260-008-2016 (Pump1)	XO-T260-008-2016 (Pump1)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	AO-003-OC-2 (OC-2)
121	b (i)	Financial Assurances Plan – operations phase	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
121	b (ii) (iii)	Financial Assurances Plan – operations phase	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
121	b (v)	Financial Assurances Plan – operations phase	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
121	b (vi)	Financial Assurances Plan – operations phase	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
122		Changing pipeline segment operating conditions (Hinton to Hargreaves; Darfield to Black Pines) (a) Engineering assessment and (b) certification	X																										
123		Evacuation Plans	X					X	X	X	X	X																	
124		Implementing improvements to Trans Mountain's Emergency Management Program	X			X	X		X	X	X	X					X	X	X	X	X	X	X	X	X	X	X	X	X
125		Emergency Response Plans for the Pipeline and for the Edmonton, Sumas and Burnaby Terminals	X			X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
126		Emergency Response Plan for the Westridge Marine Terminal	X						X																				
127	b	Terminal fire protection and firefighting systems	X					X	X	X	X	X																	
127	a	Terminal fire protection and firefighting systems	X					X	X	X	X	X																	
128	a	Offset Measures Plan for residual effects on caribou habitat	X	X		X	X														X	X	X						
128	b	Offset Measures Plan for residual effects on caribou habitat	X	X		X	X														X	X	X						
129		Final terminal risk assessments	X					X	X	X	X	X																	
130		Groundwater Monitoring Program	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
131		Marine Public Outreach Program	X						X																				
132		Marine Mammal Protection Program	X						X																				
133		Marine shipping-related commitments	X						X																				
134		Updated Tanker Acceptance Standard	X						X																				
135		Slack line flow conditions	X	X																									
136	b	Pre-operations full-scale emergency response exercises	X					X	X	X	X	X																	
136	a	Pre-operations full-scale emergency response exercises	X					X	X			X																	
136	c	Pre-operations full-scale emergency response exercises	X					X	X			X																	
137		Tank roof design for tanks at the Edmonton Terminal						X		X																			
138		Confirmation of firefighting capacity at terminals	X					X	X	X	X	X																	
139		Project completion	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
140		Post-construction greenhouse gas (GHG) assessment report	X			X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
141		Post-construction noise surveys	X					X	X		X	X																	
142		GHG Emissions Offset Plan – Project construction	X			X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
143	a (i)	Baseline inspections	X																										

Appendix B

Phased Conditions Matrix

		Phase #		21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39
				Line 1 (valves)	Hinton to BC Border Reactivation	BC Border to Hargreaves Reactivation	Darfield to Blackpines Reactivation	Wolf Pump Station Deactivation	Spread 1	Spread 2	Spread 3	Spread 4	Spread 5	Spread 5, C39 Coldwater Hydrological	Spread 5, C7 Ohamil	Spread 6	Spread 6, C7 Tzeachten	Spread 6, C77 Lightning Rock	Spread 7	Spread 7, C7 Surrey Bend	Westridge Delivery Lines	Burnaby Tunnel
NEB	Sub	NEB Condition Topic	CPCN	OC2	OC49	Pump1	Pump2	Tanks	NA	AO-003-OC-2 (OC-2)	AO-003-OC-2 (OC-2)	AO-003-OC-2 (OC-2)	AO-002-OC-49 (OC-49)	OC-064 (CPCN)	OC-064 (CPCN)	OC-064 (CPCN)	OC-064 (CPCN)	OC-064 (CPCN)	OC-064 (CPCN)	OC-064 (CPCN)	OC-064 (CPCN)	OC-064 (CPCN)
121	b (i)	Financial Assurances Plan – operations phase	X	X		X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X
121	b (ii) (iii)	Financial Assurances Plan – operations phase	X	X		X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X
121	b (v)	Financial Assurances Plan – operations phase	X	X		X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X
121	b (vi)	Financial Assurances Plan – operations phase	X	X		X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X
122		Changing pipeline segment operating conditions (Hinton to Hargreaves; Darfield to Black Pines) (a) Engineering assessment and (b) certification	X							X	X	X										
123		Evacuation Plans	X					X														
124		Implementing improvements to Trans Mountain’s Emergency Management Program	X			X	X					X	X	X	X	X	X	X	X	X	X	X
125		Emergency Response Plans for the Pipeline and for the Edmonton, Sumas and Burnaby Terminals	X			X	X	X				X	X	X	X	X	X	X	X	X	X	X
126		Emergency Response Plan for the Westridge Marine Terminal	X																			
127	b	Terminal fire protection and firefighting systems	X					X														
127	a	Terminal fire protection and firefighting systems	X					X														
128	a	Offset Measures Plan for residual effects on caribou habitat	X	X		X	X			X	X	X	X									
128	b	Offset Measures Plan for residual effects on caribou habitat	X	X		X	X			X	X	X	X									
129		Final terminal risk assessments	X					X														
130		Groundwater Monitoring Program	X	X		X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X
131		Marine Public Outreach Program	X																			
132		Marine Mammal Protection Program	X																			
133		Marine shipping-related commitments	X																			
134		Updated Tanker Acceptance Standard	X																			
135		Slack line flow conditions	X	X						X	X	X	X	X	X	X	X	X	X	X	X	
136	b	Pre-operations full-scale emergency response exercises	X					X														
136	a	Pre-operations full-scale emergency response exercises	X					X														
136	c	Pre-operations full-scale emergency response exercises	X					X														
137		Tank roof design for tanks at the Edmonton Terminal						X														
138		Confirmation of firefighting capacity at terminals	X					X														
139		Project completion	X	X	X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X
140		Post-construction greenhouse gas (GHG) assessment report	X			X	X	X				X	X	X	X	X	X	X	X	X	X	X
141		Post-construction noise surveys	X					X														
142		GHG Emissions Offset Plan – Project construction	X			X	X	X				X	X	X	X	X	X	X	X	X	X	X
143	a (i)	Baseline inspections	X							X	X	X	X	X	X	X	X	X	X	X	X	X

Appendix B

Phased Conditions Matrix

Phased Conditions Matrix								Phase #	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	
Region, Spread, or Work Area and Associated Legal Instrument																													
		Westridge Marine Terminal	Edmonton Terminal	Sumas Terminal	Burnaby Terminal	Jasper Pump Station	Black Pines Pump Station	Kamloops Pump Station	Sumas Pump Station	Edmonton Pump Station	Gainford Pump Station	Wolf Pump Station	Edson Pump Station	Hinton Pump Station	Blue River Pump Station	McMurphy Pump Station	Blackpool Pump Station	Black Pines Pump Station	Kamloops Pump Station	Kingsvale Pump Station	Niton Pump Station Reactivation								
NEB	Sub	NEB Condition Topic	CPCN	OC2	OC49	Pump1	Pump2	Tanks	OC-064 (CPCN)	XO-T260-010-2016 (Tanks) AO-003-OC-2 (OC-2)	XO-T260-010-2016 (Tanks)	XO-T260-010-2016 (Tanks) AO-003-OC-2 (OC-2)	XO-T260-008-2016 (Pump1)	XO-T260-008-2016 (Pump1)	XO-T260-008-2016 (Pump1)	XO-T260-008-2016 (Pump1)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	AO-003-OC-2 (OC-2)
143	a (ii)	Baseline inspections	X																										
143	a (iii)	Baseline inspections	X																										
143	a (iv)	Baseline inspections	X																										
143	a (v)	Baseline inspections	X																										
143	b	Baseline inspections	X																										
144		Ongoing implementation of marine shipping-related commitments	X						X																				
145		Community Benefit Program progress reports	X						X																				
146		Reports on engagement with Aboriginal groups – operations	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
147		Natural hazard assessment	X			X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
148		Pipeline Geographic Information System (radio) data	X						X																				
149		Caribou Habitat Restoration and Offset Measures Monitoring Program	X	X		X	X															X	X	X					
150		Caribou habitat restoration and offset measures monitoring report(s)	X	X		X	X															X	X	X					
151		Post-construction environmental monitoring reports	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
152		Pipeline segment reactivation (Hinton to Hargreaves; Darfield to Black Pines) – new certificate and certificate validation		X																									
153	a	Full-scale emergency response exercises during operations	X					X			X																		
153	b	Full-scale emergency response exercises during operations	X					X			X																		
153	c	Full-scale emergency response exercises during operations	X					X			X																		
154		Riparian Habitat Reclamation Evaluation Report and Offset Plan	X	X					X																				
155		Rare Ecological Community and Rare Plant Population Mitigation Evaluation Report and Offset Plan	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
156		Wetland Reclamation Evaluation Report and Offset Plan	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
157		Grasslands Reclamation Evaluation Report and Offset Plan	X	X		X	X						X	X									X	X	X	X			

Appendix B

Phased Conditions Matrix

		Phase #		21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39
				Line 1 (valves)	Hinton to BC Border Reactivation	BC Border to Hargreaves Reactivation	Darfield to Blackpines Reactivation	Wolf Pump Station Deactivation	Spread 1	Spread 2	Spread 3	Spread 4	Spread 5	Spread 5, C39 Coldwater Hydrological	Spread 5, C7 Ohamil	Spread 6	Spread 6, C7 Tzeachten	Spread 6, C77 Lightning Rock	Spread 7	Spread 7, C7 Surrey Bend	Westridge Delivery Lines	Burnaby Tunnel
NEB	Sub	NEB Condition Topic	CPCN	OC2	OC49	Pump1	Pump2	Tanks	NA	AO-003-OC-2 (OC-2)	AO-003-OC-2 (OC-2)	AO-003-OC-2 (OC-2)	AO-002-OC-49 (OC-49)	OC-064 (CPCN)	OC-064 (CPCN)	OC-064 (CPCN)	OC-064 (CPCN)	OC-064 (CPCN)	OC-064 (CPCN)	OC-064 (CPCN)	OC-064 (CPCN)	OC-064 (CPCN)
143	a (ii)	Baseline inspections	X											X	X	X	X	X	X	X	X	X
143	a (iii)	Baseline inspections	X											X	X	X	X	X	X	X	X	X
143	a (iv)	Baseline inspections	X											X	X	X	X	X	X	X	X	X
143	a (v)	Baseline inspections	X											X	X	X	X	X	X	X	X	X
143	b	Baseline inspections	X											X	X	X	X	X	X	X	X	X
144		Ongoing implementation of marine shipping-related commitments	X																			
145		Community Benefit Program progress reports	X											X	X	X	X	X	X	X	X	X
146		Reports on engagement with Aboriginal groups – operations	X	X		X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X
147		Natural hazard assessment	X			X	X	X						X	X	X	X	X	X	X	X	X
148		Pipeline Geographic Information System (radio) data	X											X	X	X	X	X	X	X	X	X
149		Caribou Habitat Restoration and Offset Measures Monitoring Program	X	X		X	X			X	X											
150		Caribou habitat restoration and offset measures monitoring report(s)	X	X		X	X			X	X											
151		Post-construction environmental monitoring reports	X	X	X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X
152		Pipeline segment reactivation (Hinton to Hargreaves; Darfield to Black Pines) – new certificate and certificate validation		X						X	X	X										
153	a	Full-scale emergency response exercises during operations	X					X				X		X					X			
153	b	Full-scale emergency response exercises during operations	X					X			X		X						X			
153	c	Full-scale emergency response exercises during operations	X					X			X		X						X			
154		Riparian Habitat Reclamation Evaluation Report and Offset Plan	X	X						X	X	X	X	X	X	X	X	X	X	X	X	
155		Rare Ecological Community and Rare Plant Population Mitigation Evaluation Report and Offset Plan	X	X		X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X
156		Wetland Reclamation Evaluation Report and Offset Plan	X	X		X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X
157		Grasslands Reclamation Evaluation Report and Offset Plan	X	X		X	X					X	X	X	X							