•	l' B	Phase		2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Append	IIX B		Region, Spre	ead, or Work	Area and Ass	ociated Legal	Instrument	<u> </u>		1	1				1	1	<u> </u>				1	
Phased	<b>Conditions Matrix</b>		Westridge Marine Terminal	Edmonton Terminal	Sumas Terminal	Burnaby Terminal		Black Pines Pump Station	Kamloops Pump Station			Gainford Pump Station			Hinton 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	OC2 OC49 Pump1	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-T260-008-201 (Pump1)	26 XO-T260-008-2016 (Pump1)	XO-T260-009-2016 (Pump2)	5 XO-T260-009-2016 (Pump2)	AO-003-OC-2 (OC- 2)									
1	Condition compliance	x x x x x x	x x	х	х	х	x	x	х	х	х	х	х	x	х	х	x	x	х	x	х	х
2	Compliance with commitments	x x x x x x	x x	х	х	х	х	х	х	х	х	х	х	х	x	х	х	х	x	х	х	х
3	Environmental protection	x x x x x x	x x	х	х	х	х	х	х	х	х	х	х	х	х	х	х	х	х	х	х	х
4	Engineering and safety	x	x x	х	x	х	х	х	х	x	x	х	х	x	x	х	x	x	x	x	х	x
5	Certificate expiration (sunset clause)	x x x x x x	x x	х	х	х	х	х	х	х	х	х	х	x	х	x	×	x	х	х	×	х
6 a (i)	Commitments tracking table (3 months after CPCN)	x x x x x x	x x	х	x	x	х	x	х	х	x	х	х	х	х	x	x	х	х	х	×	х
6 a (ii)	Commitments tracking table (30 days prior to construction)	x x x x x x	x x	х	х	х	х	х	х	х	х	х	х	х	х	х	х	х	х	х	х	х
6 a (iii)	Commitments tracking table (monthly construction until operations)	x x x x x x	x x	х	х	x	x	x	х	х	х	х	х	х	х	x	x	х	х	х	х	х
6 a (iv)	Commitments tracking table (quarterly during operations)	x x x x x x	x x	х	х	x	x	x	х	х	х	х	х	х	х	x	x	х	х	х	х	х
6 b		x x x x x x		х	х	x	x	x	х	х	х	х	х	x	х	x	x	х	х	х	х	х
	Commitments tracking table (permit binder at construction offices)																					
6 c		x x x x x x	x x	х	х	x	x	x	х	х	x	х	х	x	х	x	х	x	x	х	х	х
7	Environmental and socio-economic assessment - route re-alignments	x																				
8	Design temperatures – terminals and pump stations	x x x	x x	х	x	x	x	x	х	x	x	х	х	x	×	x	×	х	х	х	×	
9	Quality Management Plan	x x x	x x	х	х	х	x	x	х	х	х	х	х	x	х	x	×	х	х	х	×	
10	Phased filings	x x x x x x	x x	х	х	x	x	x	х	х	х	х	х	х	х	x	x	х	х	х	х	х
11 a	Aboriginal, local, and regional skills and business capacity inventory	х	х																			
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	х																			
13		x x x x x	x x	х	х	х	х	х	х	×	х	х	х	х	х	х	x	х	х	х	х	х
14	Technical working group (TWG) – Terms of Reference	x	х																			
15	Pipeline risk assessment	x	х																			
16	Quantitative Geohazard Frequency Assessment	x	х																			
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	х																				
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	×		х	х	х																

Append	lix B	Phas	se # 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	OC2 OC49 Pump1	Tanks	AO-003-OC-2 (OC	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)					
1	Condition compliance	x x x x	x	х	х	х	х	х	х	х	х	х	х	х	х	х	х	х	х	х	х
2	Compliance with commitments	x x x x	х	х	х	х	х	х	х	х	x	х	х	х	х	х	х	х	х	х	х
3	Environmental protection X	x x x x	x	х	х	х	х	х	х	х	х	х	х	х	х	х	х	х	х	х	х
4	Engineering and safety X	x x x x	x	х	х	х	х	х	х	х	x	х	х	х	х	х	х	х	х	х	х
5		x x x x		х	х	х	х	х	х	х	х	х	х	х	х	х	х	х	х	х	х
6 a (i)	Commitments tracking table (3 months after CPCN)  X	x x x x	х	х	х	х	х	х	х	х	х	х	х	х	х	х	х	х	х	х	х
6 a (ii)	Commitments tracking table (30 days prior to construction) X	x x x x		х	х	х	х	х	х	х	х	х	х	х	х	х	х	х	х	х	х
6 a (iii)	Commitments tracking table (monthly construction until operations)	x x x x	1	х	х	х	х	х	х	х	х	х	х	х	х	х	х	х	х	х	х
6 a (iv)		x x x x	x	х	х	х	х	х	х	х	х	х	х	х	х	х	х	х	х	х	х
6 b		x x x x	х	х	х	х	х	х	х	х	x	х	х	х	х	х	х	х	х	х	х
6 c	Commitments tracking table (permit binder at construction offices)	x x x x	x	x	x	x	x	x	x	x	х	x	x	х	x	х	х	x	х	х	x
7	Environmental and socio-economic assessment - route re-alignments													х		х			х		
8	Design temperatures – terminals and pump stations	x x	х																		
9	Quality Management Plan	x x						х	х	х	x	х	х	х	х	х	х	х	х	х	х
10	Phased filings X	x x x x		х	х	х	х	х	х	х	х	х	х	х	х	х	х	х	х	х	х
11 a	Aboriginal, local, and regional skills and business capacity inventory X							х	х	х	x	х	х	х	х	х	х	х	х	х	х
11 b	Aboriginal, local, and regional skills and business capacity inventory - Updates to Section a							х	х	х	х	х	х	х	х	х	х	х	х	х	х
12 a	Training and Education Monitoring Plan X							х	х	х	x	х	х	х	х	х	х	х	х	х	х
12 b	Training and Education Monitoring Plan - Updates to Section a X							х	х	х	х	х	х	х	х	х	х	х	х	х	х
13		x x	х	х	х	х		х	x	х	х	х	х	х	x	х	х	х	х	х	х
14	Technical working group (TWG) – Terms of Reference							х	х	х	х	х	х	х	х	х	х	х	х	х	х
15	x							х	х	х	х	х	х	х	х	х	х	х	х	х	х
16	Quantitative Geohazard Frequency Assessment  X							х	х	х	х	х	х	х	х	х	х	х	х	х	х
17	Valve locations on Line 2  X							х	х	х	х	х	х	х	х	х	х	х	х	х	
18	Valve locations and upgrades – Line 1  Pineline segment reactivation (Hinton to Hargreaves:	x	х																		
19	Pipeline segment reactivation (Hinton to Hargreaves; Darfield to Black Pines) – engineering assessment and certificate  Existing NPS 24 delivery nineline location	x		х	х	х															
20	Existing NPS 24 delivery pipeline location  X  Transient hydraulic analysis on the existing NPS 24	$\prod$																		х	
21	Transient hydraulic analysis on the existing NPS 24 delivery pipeline X  Updated terminal risk assessments	+ + +																		х	
22	termina na assessitents		x																		

_			Phase #	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Appen	dix B			Region, Spre	ad, or Work	Area and Ass	ociated Legal	Instrument		ı			ı	ı	ı	1	1	ı		ı		1	
Phased	Conditions Matrix			Westridge Marine Terminal	Edmonton Terminal	Sumas Terminal	Burnaby Terminal			Kamloops Pump Station	Sumas Pump Station		Gainford Pump Station		Edson Pump Station	Hinton 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 0C2 0C49	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-T260-008-201 (Pump1)	16 XO-T260-008-2016 (Pump1)	XO-T260-009-2016 (Pump2)	XO-T260-009-201 (Pump2)	6 XO-T260-009-2016 (Pump2)	AO-003-OC-2 (OC- 2)								
23	Secondary containment – Edmonton Terminal		х		х																		
24	Secondary containment – Burnaby Terminal		x				х																
25	Secondary containment – Sumas Terminal		x			х																	
26 a	Burnaby Mountain tunnel option – design, construction, and operation	x																					
26 b	Burnaby Mountain tunnel option – design, construction, and operation	х																					
27	Burnaby Mountain tunnel option – backfilling	x																					
28	Burnaby Mountain tunnel option – cathodic protectio	x																					
29	Burnaby Mountain tunnel option – rock mass and waste rock management  Power system protection for pump stations and	x																					
30 a (iii) (iv)	terminals	x x	x x x	х	х	х	х	х	х	х	х	х	х	х	х	х	х	х	х	х	х	х	
30 b, c, d	Power system protection for pump stations and terminals  Power system protection for pump stations and	×	x x x	х	х	х	х	х	х	х	х	х	х	х	х	х	х	х	х	х	х	х	
30 a (i) (ii)	terminals  Power system protection for pump stations and	× ×	x x x	х	х	х	х	х	х	х	х	х	х	х	х	х	х	х	х	х	х	х	
30 a (v)	terminals  Reactivation of the Niton Pump Station (Not Required		x x x	х	х	х	х	х	х	х	х	х	х	х	х	х	х	х	х	х	х	х	
31	Sumas Terminal Geotechnical Report	x																					х
32	Westridge Marine Terminal Onshore Geotechnical		x			х																	
33	Report  Westridge Marine Terminal Offshore Geotechnical	x		х																			
34	Report  Marine Sediment Management Plan - Confirmation	x		х																			
35 Part 1	Letter Only  Marine Sediment Management Plan - (includes a	x	$\perp \! \! \perp$	х																			
35 Part 2	through i)  Pre-construction caribou habitat assessment	x	$\perp \! \! \perp$	х																			
36	Caribou Habitat Restoration Plan (CHRP)	x x x	x x														х	х	х				
37 a	Caribou Habitat Restoration Plan (CHRP)	x x x	x x														х	х	х				
37 b	Sowaqua Spotted Owl Mitigation Plan	x x x	x x														х	х	х				
38	Hydrogeological Study at Coldwater Indian Reserve (III	X X X	x x																				
39	No. 1  Rare Ecological Community and Rare Plant Population	х	х																			х	
40	Management Plan  Wetland Survey and Mitigation Plan	xxx	x x x	х	х	х	х	х	х	х	х	х	х	х	х	х	х	х	x	х	х	х	х
41	Grasslands Survey and Mitigation Plan	x x x		х	х	х	х	х	х	х	х	х	х	х	х	х	х	х	х	х	х	х	х
42	Watercourse crossing inventory	x x x	x x						х	х									х	х	х	х	
43	Wildlife Species at Risk Mitigation and Habitat	x x																					
44	Restoration Plans  Weed and Vegetation Management Plan	×××	x x															х	х	х	х	х	
45	Contamination Identification and Assessment Plan	x x x x	++		X	X	X	X	X	x	x	X	X	X	X	X	X	X	X	X	X	X	x
46		x x x x	x x x	х	х	х	х	х	Х	х	х	х	х	х	х	х	х	х	х	х	х	х	Х

Append	ix B				1	1		1	T	1		1	1	1	1	1	1				I	
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 0C2 0C49	Pump1 Pump2	NA 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)					
23	Secondary containment – Edmonton Terminal		×	(																		
24	Secondary containment – Burnaby Terminal		х	(																		
25	Secondary containment – Sumas Terminal		х	(																		
26 a	Burnaby Mountain tunnel option – design, construction, and operation	×																				х
26 b	Burnaby Mountain tunnel option – design, construction, and operation	×																				x
27	Burnaby Mountain tunnel option – backfilling	×																				x
28	Burnaby Mountain tunnel option – cathodic protection	×																			х	
29	Burnaby Mountain tunnel option – rock mass and waste rock management	x																				x
30 a (iii) (iv)	Power system protection for pump stations and terminals	x	x x x	(																		
30 b, c, d	Power system protection for pump stations and terminals	x	x x x	(																		
30 a (i) (ii)	Power system protection for pump stations and terminals	x	x x x	(																		
30 a (v)	Power system protection for pump stations and terminals	×	x x x	(																		
31	Reactivation of the Niton Pump Station (Not Required)	x																				
32	Sumas Terminal Geotechnical Report		×	(																		
33	Westridge Marine Terminal Onshore Geotechnical Report	x																				
34	Westridge Marine Terminal Offshore Geotechnical Report	x																				
	Marine Sediment Management Plan - Confirmation Letter Only	x																				
35 Part 2	Marine Sediment Management Plan - (includes a through i)	x																				
36	Pre-construction caribou habitat assessment	x x	x x		x	х					x	x										
37 a	Caribou Habitat Restoration Plan (CHRP)	x x	x x		x	х					х	x										
37 b		x x	x x		x	х					х	x										
38	Sowaqua Spotted Owl Mitigation Plan		x x										х	х	х	х	х					
39	Hydrogeological Study at Coldwater Indian Reserve (IR) No. 1	x	x											х								
40	Rare Ecological Community and Rare Plant Population Management Plan	x x	x x x	(	х	х	х		х	х	х	x	х	х	х	х	х	х	х	х	х	x
41	Wetland Survey and Mitigation Plan		x x x		х	х	х		х	х	х	х	х	х	х	х	х	х	х	х	х	х
42	Grasslands Survey and Mitigation Plan	x x	x x				х					х	х	х	х							
43	Watercourse crossing inventory	x x			х	х	х		х	х	х	х	х	х	х	х	х	х	х	х	х	
44		x x	x x				х					х	х	х	х	х	х	х	х	х		
45		x x x	x x x	(	х	х	х	х	х	х	х	х	х	х	х	х	х	х	х	х	х	х
46	Contamination Identification and Assessment Plan	x x x	x x x	(	х	х	х	х	х	х	х	х	х	х	х	х	х	х	х	х	х	x

Appendix B  Phased Condition	ıs Matrix			Region, Spre	ad, or Work A	Area and Asso	ociated Legal	Instrument															
Phased Condition	s Matrix							III JUI GIII CIIC			1	ı				T	1	1	1			1	1
				Westridge Marine Terminal	Edmonton Terminal	Sumas Terminal	Burnaby Terminal			Kamloops Pump Station	Sumas Pump Station		Gainford Pump Station			Hinton Pump Station		McMurphy Pump Station		Black Pines Pump Station	Kamloops Pump Station	Kingsvale Pump Station	Niton Pump Station Reactivation
NEB Sub NEB Co	ndition Topic	OC2 OC49	Pump1 Pump2 Tanks		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)	5 XO-T260-008-2016 (Pump1)	XO-T260-009-2016 (Pump2)	XO-T260-009-201 (Pump2)	6 XO-T260-009-2016 (Pump2)	AO-003-OC-2 (OC- 2)								
Access Management Plan	n(s)	x x x	x	х				х	х	х	х	х	х	х	x	х	х	х	х	х	х	х	х
Navigation and navigation	n safety plan	x x x	x	х																			
Technical working group	(TWG) reports	x		х																			
High-voltage alternating	current (AC) interference	x																					
Field changes manual for	geohazard mitigation	x																					
Air Emissions Manageme	ent Plan for the Westridge	x		х																			
Fugitive Emissions Mana, Marine Terminal	gement Plan for the Westridg	e x		х																			
Fugitive Emissions Mana 54 Sumas and Burnaby Tern	gement Plan for Edmonton, ninals		х		х	x	x																
Fugitive Emissions Mana	gement Plan for pump station		x					х	х	х	х	х	х	х	х	х	х	х	х	х	х	х	х
Grizzly Bear Mitigation P	lan	x x x	x																				
Commercial Support for	the Project	x		х																			
Training and education n	nonitoring reports	х		х																			
Training and education n	nonitoring reports	x		х																			
Worker accommodation	strategy	x x x	xx	х	х	x	x	х	х	х	х	x	х	х	х	х	х	х	х	х	х	х	х
Worker accommodation	strategy	x x x	x x	х	х	x	x	х	х	х	х	x	х	х	х	х	х	х	х	х	х	х	х
	-economic assessment - s 58 lands and infrastructure																						
List of temporary infrastr	ructure sites																						
Construction schedule		x x x x	xx	х	х	x	x	х	х	х	х	x	х	х	х	х	х	х	x	х	х	х	х
Security Management Pr	ograms	x x x x	x x	х	х	х	х	х	х	х	х	х	х	х	х	х	х	х	х	х	х	х	х
Security Management Pr	ograms	x x x x			х	х	х	х	х	х	х	х	х	х	х	х	x	х	х	х	х	х	х
Construction safety man	uals	x x x x	xx	х	х	х	х	х	х	х	х	х	х	х	х	х	х	х	х	х	х	х	х
64 b Construction safety man		x x x x	xx	х	х	х	х	х	х	х	х	х	х	х	х	х	х	х	х	х	х	х	х
Hydrology – notable wat		х																					
Risk Management Plan fo		х																					
67 and feasibility reports	irectional drilling geotechnica	x																					
Seismic reports – liquefa	ction potential	х		х																			
Fault studies		х		Х																			
Strain-based design		х																					
Riparian Habitat Manage	ement Plan	x x																					
Pipeline Environmental F	Protection Plan	x x																					

Append	lix B	Ph	nase # 21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39
	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	OC2 OC2 OC49 Pump1	Pump2 Tanks	AO-003-OC-2 (OC	C- AO-003-OC-2 (OC-	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)					
47	Access Management Plan(s)	x x x		x	x	x		х	x	х	x	х	х	х	x	х	х	х	х	x	x
48	Navigation and navigation safety plan	x x x	x	x	x	х		х	x	х	х	х	х	х	x	х	х	х	x		
49	Technical working group (TWG) reports	×						х	x	х	х	х	х	х	x	х	х	х	x	х	х
50	High-voltage alternating current (AC) interference	×						х	×	х	x	х	х	х	х	х	х	х	х	x	
51	Field changes manual for geohazard mitigation	×						х	×	х	x	х	х	х	х	х	х	х	х	x	х
52	Air Emissions Management Plan for the Westridge Marine Terminal	×																			
53	Fugitive Emissions Management Plan for the Westridge Marine Terminal	x																			
54	Fugitive Emissions Management Plan for Edmonton, Sumas and Burnaby Terminals		x																		
55	Fugitive Emissions Management Plan for pump stations	x x	×																		
56	Grizzly Bear Mitigation Plan	x x x										х	х	х	х	х					
57	Commercial Support for the Project	x						х	х	х	х	х	х	х	х	х	х	х	х	х	х
58 a	Training and education monitoring reports	x						х	×	х	х	х	х	х	х	х	х	х	х	x	х
58 b	Training and education monitoring reports	×						х	х	х	х	х	х	х	х	х	х	х	х	x	х
59 a,b	Worker accommodation strategy	x x x	x x	х	х	х		х	х	х	х	х	х	х	х	х	х	х	х	х	х
59 c	Worker accommodation strategy	x x x	x x	х	х	х		х	x	х	х	х	х	х	х	х	х	х	х	x	х
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	х	х	х	x	х	×	х	х	х	х	х	х	х	х	х	х	x	х
63 a	Security Management Programs	x x x x	x x	x	х	х	x	х	x	х	x	х	х	х	х	х	х	х	x	x	х
63 b		x x x x		х	х	х	х	х	х	х	х	х	х	х	х	х	х	х	х	х	х
64 a		x x x x		х	х	х	х	х	х	х	х	х	х	х	х	х	х	х	х	х	х
64 b		x x x x	x x	х	х	х	х	х	х	х	х	х	х	х	х	х	х	х	х	х	х
65	Hydrology – notable watercourse crossings	x						х	х	х	х	х	х	х	х	х	х	х	х		
66	Risk Management Plan for geohazards	x						х	х	х	х	х	х	х	х	х	х	х	х	х	х
67	Outstanding horizontal directional drilling geotechnical and feasibility reports	x						х	х	х	х	х	х	х	х	х	х	х	х		
68	Seismic reports – liquefaction potential	x											х	х	х	х	х	х	х		
69		x						х	х	х	х	х	х	х	х	х	х	х	х	х	х
70		x						х	х	х	х	х	х	х	х	х	х	х	х	Х	
71	Riparian Habitat Management Plan	x x		х	х	х		х	х	х	х	х	х	х	х	х	х	х	х	х	
72	Pipeline Environmental Protection Plan	x x		х	х	х		х	х	х	х	х	х	х	х	х	х	х	х	Х	

Арј	end	іх В	Phase #	1 Region Spre	ad or Work	Area and Ass	ociated Legal	5 Instrument	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
				Westridge Marine	Edmonton			Jasper Pump	Black Pines Pump	Kamloops Pump	Sumas Pump	Edmonton Pump	Gainford Pump	W-16 D Challen	Edson Pump	Hinton Pump	Blue River Pump	McMurphy Pump	Blackpool Pump	Black Pines Pump	Kamloops Pump	Kingsvale Pump	Niton Pump
Pna	sea	Conditions Matrix		Terminal	Terminal	Sumas Terminal	burnaby Terminai	Station	Station	Station	Station		Station	Wolf Pump Station								Station	Station Reactivation
NEB	Sub	NEB Condition Topic	OC2 OC49 Pump1 Pump2 Tanks	OC-064 (CPCN)	XO-T260-010-2016 (Tanks) AO-003-OC-2 (OC- 2)	XO-T260-010-2016	XO-T260-010-2016 (Tanks) AO-003-OC-2 (OC- 2)		6 XO-T260-008-201 (Pump1)	XO-T260-008-201 (Pump1)	XO-T260-008-2016 (Pump1)	XO-T260-009-2016 (Pump2)	AO-003-OC-2 (OC- 2)										
73		Traffic Control Plans for public roadways	x x x x x	х	x	х	х	х	х	x	х	х	х	х	x	х	x	х	х	х	х	х	х
74		Horizontal directional drilling (HDD) Noise Management Plan X	4																				
75	,b	Nooksack Dace and Salish Sucker Management Plan	(																				
75		Nooksack Dace and Salish Sucker Management Plan																					
75		Nooksack Dace and Salish Sucker Management Plan																					
76		Old Growth Management Areas Mitigation and Replacement Plan	x x						х	х										х	х	х	
77		Archaeological and cultural heritage assessment – Lightening Rock X	(																				
78		Facilities Environmental Protection Plan	x x x x x		х	х	x	х	х	х	х	х	х	х	x	х	x	x	х	х	х	х	х
79		Air Emissions Management Plan for the Edmonton, Sumas and Burnaby Terminals	x		х	х	х		•														
80		Noise Management Plan for construction at terminals and pump stations	x x x	х	х	х	x	х	х	х	х	х	х	х	х	х	х	х	х	х	х	х	
81		Westridge Marine Terminal Environmental Protection Plan X	4	x																			
82		Light Emissions Management Plan for the Westridge Marine Terminal	4	X																			
83		Westridge Marine Terminal (offshore) – pile design X	4	X																			
84		Emergency release system at the Westridge Marine Terminal	4	x																			
85		Air Emissions Management Plan – Burnaby Mountain tunnel construction	(																				
86		Burnaby Mountain Tunnel Construction Noise  Management Plan  X	(																				
87		Groundwater Seepage Management Plan – Burnaby Mountain tunnel construction X	(																				
88		Project organizational structure for Project construction X	(	x																			
89			x x x x x	х	х	x	х	х	х	х	х	х	х	x	х	х	х	х	х	х	х	х	x
90		Consultation on improvements to Trans Mountain's  Emergency Management Program  X	x x	х	х	x	x					х	х	x	x	х	x	x	х	х	х	х	
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				х	х	х	х	х	х	х	х	х	х	х	х	х	х	х	x
93		Water well inventory X																					
94		Consultation reports – protection of municipal water sources	x x x x	x	х	х	х	х	х	х	х	х	х	х	х	х	х	х	х	х	х	х	x
95		Visual Impact Plan	(																				
96			x x x x x	x	х	х	х	х	х	х	х	х	х	х	х	х	х	х	х	х	х	х	x
97		Traditional Land Use (TLU) and Traditional Marine Resource Use (TMRU) Investigation Report  X		X																			
98		Plan for Aboriginal group participation in construction monitoring X	x x x x	х	х	х	х	х	х	х	х	х	х	х	х	х	х	х	х	х	х	х	х
99		Landowner and tenant consultation reports  X	(																				
100		Heritage resources X	x x x x x x	х	х	х	х	х	х	х	х	х	х	х	х	х	х	х	х	х	х	х	х

Append	dix B	Pha	ase # 21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39
	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 20	OC49 Pump1	Tanks AN AN	AO-003-OC-2 (OC	C- 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)					
73	Traffic Control Plans for public roadways	x x x	++	x	x	х	х	х	x	х	х	х	х	х	х	х	х	х	х	х	x
74	Horizontal directional drilling (HDD) Noise Management Plan X							х	х	х	x	х	х	х	х	х	х	х	x		
75 a,b	Nooksack Dace and Salish Sucker Management Plan														x	х		х	х		
75 c	Nooksack Dace and Salish Sucker Management Plan X														х	х		х	x		
75 d	Nooksack Dace and Salish Sucker Management Plan X														х	х		х	x		
76	Old Growth Management Areas Mitigation and Replacement Plan X	x x	:									х	х	х	х						
77	Archaeological and cultural heritage assessment – Lightening Rock X																х				
78	Facilities Environmental Protection Plan	x x x	x				х														
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																		
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																				
84	Emergency release system at the Westridge Marine Terminal X																				1
85	Air Emissions Management Plan – Burnaby Mountain tunnel construction																				x
86	Burnaby Mountain Tunnel Construction Noise  Management Plan  X																				х
87	Groundwater Seepage Management Plan – Burnaby Mountain tunnel construction																				х
88	Project organizational structure for Project construction X							х	х	х	х	х	х	х	х	х	х	х	х	х	x
89	Emergency Response Plans for construction X X  Consultation on improvements to Trans Mountain's	x x x	×	х	х	х	х	х	х	х	х	х	х	х	х	х	х	х	х	х	х
90	Consultation on improvements to Irans Mountain's Emergency Management Program  X  Plan for implementing, monitoring, and complying with	x	×					х	х	х	х	х	х	х	х	х	х	х	х	х	х
91	Plan for implementing, monitoring, and complying with marine shipping-related commitments  X  Updates under the Species at Risk Act																				
92	Water well inventory	x x		х	х	х		х	х	х	х	х	х	х	х	х	х	х	х	х	<u>-                                    </u>
93	X X							х	х	х	х	х	х	х	х	х	х	х	х	х	<u>-                                    </u>
94	sources X X Visual impact Plan	x x	++	х	х	х		х	х	х	х	х	х	х	х	х	х	х	х	х	х
95	Reports on engagement with Aboriginal groups –							х	х	х	х	х	х	х	х	х	х	х	х	х	х
96	construction X X  Traditional Land Use (TLU) and Traditional Marine	x x x	x	х	х	х	х	х	х	х	х	х	х	х	х	х	х	х	х	х	х
97	Resource Use (TMRU) Investigation Report X							х	х	х	х	х	х	х	х	х	х	х	х	х	х
98	monitoring X X  Landowner and tenant consultation reports	x x	x	х	х	х		х	х	х	х	х	х	х	х	х	х	х	х	х	х
99	x							х	х	х	х	х	х	х	х	х	х	х	х	х	х
100	x x	x x x	x	х	х	х	х	х	х	х	х	х	х	х	х	х	х	х	х	х	х

Annone	liv D		Phase #		2	3		5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Append	IIX D			Region, Spre	ead, or Work	Area and Asso	ociated Legal	Instrument															N/2
Phased	Conditions Matrix			Westridge Marine Terminal	Terminal	Sumas Terminal	Burnaby Terminal	Station	Black Pines Pump Station	Kamloops Pump Station	Sumas Pump Station	Edmonton Pump Station	Gainford 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	OC2 0C49	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-T260-008-201 (Pump1)	XO-T260-008-2016 (Pump1)	XO-T260-009-2016 (Pump2)	XO-T260-009-2010 (Pump2)	6 XO-T260-009-2016 (Pump2)	AO-003-OC-2 (OC- 2)								
101	Uninterruptible Power Supply (UPS) and battery systems	x x	x x x	×	×	х	×	x	x	х	х	х	x	x	х	х	х	x	х	х	х	х	х
102	Landowner and tenant complaint process/system	x																					
103	Utility crossings	x		х																			
104	Updated engineering alignment sheets and drawings	x																					
105	Quality assurance verification	x x	x x x	х	х	х	х	х	х	х	х	х	х	х	х	х	х	х	х	х	х	х	
106	Construction progress reports	x x x x	x x x	×	х	х	х	х	х	х	х	х	x	х	х	х	х	х	х	х	х	х	х
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 с	Contingency watercourse crossings	x																					
109 a	Authorization(s) under paragraph 35(2)(b) of the Fisheries Act – Westridge Marine Terminal	x		х																			
109 b	Authorization(s) under paragraph 35(2)(b) of the Fisheries Act – Westridge Marine Terminal	x		х																			
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	х	х	х	х	х	х	х	х	х	х	х	х	x	х	х	х	х	х	х
112	Pressure testing		x x x	х	х	х	х	х	х	х	х	х	х	х	х	х	х	х	х	х	х	х	х
113	Hydrostatic Testing Plan	x x x	x x x	х	х	х	х	x	х	х	х	х	х	х	х	х	х	х	х	х	х	х	х
114	NDE of final tie-in welds	x x x	x x x	х	х	х	х	x	х	х	х	х	х	х	х	х	х	х	х	х	х	x	х
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	хх	х	х	х	х					х	х	х	х	х	х	х	х	х	х	х	
118	Firefighting capacity at terminals	x	х	х	х	х	х																
119	Emergency Preparedness and Response Exercise and Training Program	x	x x	х	х	х	х					х	х	х	х	х	х	х	х	х	х	х	
120 a	Notification and reporting on emergency response exercises - Notification	x	x x	х	х	х	х					х	х	х	х	х	х	х	х	х	х	х	
120 b	Notification and reporting on emergency response exercises - File report	x	хх	х	х	х	х					х	х	х	х	х	х	х	х	х	х	х	
121 b (iv)	Financial Assurances Plan – operations phase	x x x	x x x	х	х	х	х	х	х	х	х	х	х	х	х	х	х	х	х	х	х	х	х
121 a	Financial Assurances Plan – operations phase	x x x	x x x	х	х	х	х	х	х	х	х	х	х	х	х	х	х	х	х	х	х	х	х

Append	lix B				ı	1			1	1			_	ı		1	1	ı	1	1	1	
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)					
101	Uninterruptible Power Supply (UPS) and battery systems	x x	x x >	×																		
102	Landowner and tenant complaint process/system	x							х	х	х	х	х	х	х	х	х	х	x	x	х	х
103	Utility crossings	x							х	х	х	х	х	х	х	х	х	х	x	х	х	х
104	Updated engineering alignment sheets and drawings	х							х	х	х	x	х	х	х	х	х	х	x	х	х	
105	Quality assurance verification	x	x x	x					х	х	х	x	х	х	x	х	х	х	x	х	х	х
106	Construction progress reports	x x x	x x	х	х	х	х	х	х	х	х	х	х	х	х	х	х	х	х	х	х	х
107	Aboriginal, local, and regional employment and business opportunity monitoring reports	x							х	х	х	х	х	х	х	х	х	х	х	х	х	х
108 a	Contingency watercourse crossings	x							х	х	х	х	х	х	х	х	х	х	х	х	х	
108 b	Contingency watercourse crossings	x							х	х	х	х	х	х	х	х	х	х	х	х	х	
108 c	Contingency watercourse crossings	х							х	х	х	x	х	х	×	х	х	х	x	х	х	
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 Authorizations under paragraph 35(2)(b) of the	х																				
110 a	Fisheries Act and Species at Risk permits – pipeline  Authorizations under paragraph 35(2)(b) of the	хх			х	х	х		х	х	х	x	х	х	x	х	х	х	x	х	х	
110 b	Fisheries Act and Species at Risk permits – pipeline  Authorizations under paragraph 35(2)(b) of the	хх			х	х	х		х	х	х	x	х	х	x	х	х	х	x	х	х	
110 c (i)	Fisheries Act and Species at Risk permits – pipeline  Authorizations under paragraph 35(2)(b) of the	x x			х	х	х		х	х	х	x	х	х	x	х	х	х	х	х	х	
110 c (ii)	Fisheries Act and Species at Risk permits – pipeline  Joining Programs	x x			х	х	х		х	х	х	х	х	х	х	х	х	х	х	х	х	
111	Pressure testing	x x	x x	x	х	х	х		х	х	х	х	х	х	х	х	х	х	х	x	х	
112		x x	x x 3	x	х	х	х		х	х	х	х	х	х	х	х	х	х	x	x	х	
113	NDE of final tie-in welds	x x	x x	x	х	х	х		х	х	х	х	х	х	х	х	х	х	x	х	х	
114	SCADA and leak detection system design	x x	x x	x	х	х	х		х	х	х	х	х	Х	х	х	х	х	x	х	х	
115 a	SCADA and leak detection system design	x x			х	х	х		х	х	х	x	х	х	x	х	х	х	x	х	х	
115 b	Control system, SCADA, instruments, and	x x	+		х	х	х		х	х	х	х	х	х	х	х	х	х	х	х	х	
116	communication	x							х	х	х	х	х	х	х	х	х	х	х	х	х	х
117	Reporting on improvements to Trans Mountain's Emergency	x	x >	х					х	х	х	х	х	х	х	х	х	х	х	х	х	х
118	Firefighting capacity at terminals	x	,	х																		
119	Emergency Preparedness and Response Exercise and Training Program	х	x x	х					х	х	х	х	х	х	х	х	х	х	х	х	х	х
120 a	Notification and reporting on emergency response exercises - Notification	x	x >	х					х	х	х	х	х	х	х	х	х	х	х	х	х	х
	Notification and reporting on emergency response exercises - File report	x	x )	х					х	х	х	х	х	х	х	х	х	х	х	х	х	х
121 b (iv)	Financial Assurances Plan – operations phase	x x	x x	х	х	х	х		х	х	х	х	х	х	х	х	х	х	х	х	х	х
121 a	Financial Assurances Plan – operations phase	x x	x x	х	х	х	х		х	х	х	х	х	х	х	х	х	х	х	х	х	х

Page 10 of 14

Αp	pend	Pha I <b>ix B</b>		1 Region Snre	ad or Work	Area and Ass	ociated Legal	5 Instrument	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
		Conditions Matrix	w	Vestridge Marine	Edmonton	Sumas Terminal		Jasper Pump	Black Pines Pump	Kamloops Pump	Sumas Pump		Gainford Pump	Wolf Pump Station	Edson Pump		Blue River Pump		Blackpool Pump	Black Pines Pump	Kamloops Pump	Kingsvale Pump	Niton Pump Station
FII	aseu	Conditions waters	Te	erminal	Terminal XO-T260-010-2016		XO-T260-010-2016	Station	Station	Station	Station	Station	Station	won Fump Station	Station	Station	Station	Station	Station	Station	Station	Station	Reactivation
NEB	Sub	NEB Condition Topic  OC49  Mulb 21  Mul	Pumpz	OC-064 (CPCN)	(Tanks)  AO-003-OC-2 (OC-2)	XO-T260-010-2016	(Tanks)  AO-003-OC-2 (OC-2)	XO-T260-008-201 (Pump1)	6 XO-T260-008-201 (Pump1)	6 XO-T260-008-201 (Pump1)	6 XO-T260-008-2016 (Pump1)	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	х	х	x	x	х	х	х	х	х	х	х	х	х	х	х	х	х	х	х	x
121	b (ii) (iii)	Financial Assurances Plan – operations phase X X X X X	x x	х	х	х	х	х	х	х	х	х	х	х	х	х	х	х	х	х	х	х	x
121	b (v)	Financial Assurances Plan – operations phase X X X X X	x	x	х	х	x	х	х	х	х	х	х	х	х	х	х	х	х	х	х	х	x
121		Financial Assurances Plan – operations phase X X X X X	κx	x	х	х	х	x	х	х	x	х	х	х	х	х	х	х	х	х	х	х	х
122		Changing pipeline segment operating conditions (Hinton to Hargreaves; Darfield to Black Pines) (a) Engineering assessment and (b) certification Evacuation Plans																					
123		Implementing improvements to Trans Mountain's	x	x	х	х	х																
124		Emergency Management Program X X  Emergency Response Plans for the Pipeline and for the	( x	х	х	х	х					х	х	х	х	х	х	х	х	х	х	х	
125		Edmonton, Sumas and Burnaby Terminals X X X X  Emergency Response Plan for the Westridge Marine	x		х	х	х	х	х	х	х	х	х	х	х	х	х	х	х	х	х	х	
126		Terminal X  Terminal fire protection and firefighting systems	+	х																			
127	b	Terminal fire protection and firefighting systems	x	X	x	X	X																
127		Offset Measures Plan for residual effects on caribou habitat x x x x x	, ×	х	х	х	х										x	x	x				
128	u	Offset Measures Plan for residual effects on caribou	,														x	x	x				
129	5	Final terminal risk assessments	×	x	x	x	x										^	^	^				
130		Groundwater Monitoring Program X X X X X	x x	x	x	x	x	х	х	x	x	х	x	x	х	х	x	x	х	x	x	x	x
131		Marine Public Outreach Program X		х																			
132		Marine Mammal Protection Program X		х																			
133		Marine shipping-related commitments		x																			
134		Updated Tanker Acceptance Standard X		х																			
135		Slack line flow conditions X X																					
136	b	Pre-operations full-scale emergency response exercises X	x	х	х	х	х																
136	а	Pre-operations full-scale emergency response exercises X	x	x			х																
136	С	Pre-operations full-scale emergency response exercises  X  Tank roof design for tanks at the Edmonton Terminal	x	х			х																
137		Tank roof design for tanks at the Edmonton Terminal  Confirmation of firefighting capacity at terminals	x		х																		
138		x	x	х	х	х	х																
139		Project completion X X X X X X X Post-construction greenhouse gas (GHG) assessment	x	х	х	х	х	х	х	х	х	х	х	х	х	х	х	х	х	х	х	х	×
140		report X X X  Post-construction noise surveys	x	х	х	х	х	х	х	х	х	х	х	х	х	х	х	х	х	х	х	х	
141		GHG Emissions Offset Plan – Project construction	x	х		х	х																
142		X X X Baseline inspections	x	х	х	х	х	х	х	х	х	х	х	х	х	х	х	х	х	х	х	х	
143	a (i)	x																					

Ар	pend	іх В		Pha	se # 21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39
Ph	ased	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		Westridge Delivery Lines	Burnaby Tunnel
NEB	Sub	NEB Condition Topic	CPCN OC2 OC49	Pump1	Tanks	AO-003-OC-2 (O	C- AO-003-OC-2 (OC-	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	х	х	х	х		х	х	х	х	х	х	х	х	х	х	х	х	х	x
121	b (ii) (iii)	Financial Assurances Plan – operations phase	x x	хх	х	х	х	х		х	х	х	х	х	х	х	х	х	х	х	х	x	x
121	b (v)	Financial Assurances Plan – operations phase	x x	x x	х	х	х	х		х	х	х	х	х	х	х	х	х	х	х	х	x	x
121	b (vi)	Financial Assurances Plan – operations phase		x x		х	х	х		х	х	х	х	х	х	х	х	х	х	х	х	х	х
122		Changing pipeline segment operating conditions (Hinton to Hargreaves; Darfield to Black Pines) (a) Engineering assessment and (b) certification	x			х	х	х															
123		Evacuation Plans	x		х																		
124		Implementing improvements to Trans Mountain's Emergency Management Program	x	х	x					х	х	х	х	х	х	х	х	х	х	х	х	х	x
125		Emergency Response Plans for the Pipeline and for the Edmonton, Sumas and Burnaby Terminals		хх	х					х	х	х	х	х	х	х	х	х	х	х	х	x	х
126		Emergency Response Plan for the Westridge Marine Terminal	x																				
127	b	Terminal fire protection and firefighting systems	x		x																		
127	а	Terminal fire protection and firefighting systems	x		х																		
128	a	Offset Measures Plan for residual effects on caribou habitat	x x	x x		х	х					х	х										
128	b	Offset Measures Plan for residual effects on caribou habitat	x x	x x		х	x					х	х										
129		Final terminal risk assessments	x		x																		
130		Groundwater Monitoring Program	x x	x x	x	х	х	x		х	х	х	x	х	х	х	х	х	х	х	х	x	x
131		Marine Public Outreach Program	x																				
132		Marine Mammal Protection Program  Marine shipping-related commitments	х	Ш																			
133			х	Ш																			
134		Slack line flow conditions	х																				
135		Pre-operations full-scale emergency response exercises	x x			х	х	х		х	х	х	х	х	х	х	х	х	х	х	х		
136	b	Pre-operations full-scale emergency response exercises	х	$\coprod$	x																		
136	a	Pre-operations full-scale emergency response exercises	x		x																		
136	С	Tank roof design for tanks at the Edmonton Terminal	х	$\coprod$	x																		
137		Confirmation of firefighting capacity at terminals		$\coprod$	x																		
138		Project completion	x	$\perp$	x																		
139		Post-construction greenhouse gas (GHG) assessment	x x x	хх	x	х	х	х	х	х	х	х	х	х	х	х	х	х	х	х	х	х	х
140		Post-construction noise surveys	x	хх						х	х	х	х	х	х	х	х	х	х	х	х	х	x
141		GHG Emissions Offset Plan – Project construction	x		x																		
142		Baseline inspections	x	хх	x					х	х	х	х	х	х	х	х	х	х	х	х	х	х
143	a (i)		х							х	х	х	х	х	х	х	х	х	х	х	х	x	х

_			Phase #	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Appendix B				Region, Spre	ad, or Work	Area and Ass	ociated Legal	Instrument	ı	ı	1	1	ı	ı	Γ		1	1	T	1	1	1	
Phased Conditions Matrix				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	0C2 0C49	Pump1 Pump2 Tanks	OC-064 (CPCN)	XO-T260-010-2016 (Tanks) AO-003-OC-2 (OC- 2)	XO-T260-010-2016	XO-T260-010-2016 (Tanks) AO-003-OC-2 (OC- 2)	XO-T260-008-2016 (Pump1)	XO-T260-008-2016 (Pump1)	XO-T260-008-201 (Pump1)	6 XO-T260-008-2016 (Pump1)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2016 (Pump2)	XO-T260-009-2010 (Pump2)	5 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	х		х																			
145	Community Benefit Program progress reports	x		x																			
146	Reports on engagement with Aboriginal groups – operations	x x x	xx	х	х	х	х	х	х	х	х	х	х	х	х	х	х	х	х	х	х	х	х
147	Natural hazard assessment	x x	xx	х	х	х	х	х	х	х	х	х	х	х	х	х	x	х	х	х	х	х	
148	Pipeline Geographic Information System (radio) data  Caribou Habitat Restoration and Offset Measures	х		х																			
149	Caribou habitat Restoration and Offset Measures  Monitoring Program  Caribou habitat restoration and offset measures	x x x	×														х	х	х				
150	monitoring report(s)  Post-construction environmental monitoring reports	x x x	×														х	х	х				
151	Pipeline segment reactivation (Hinton to Hargreaves;	x x x x	xx	х	х	х	х	х	х	х	х	х	х	х	х	х	х	х	х	х	х	х	х
152	Darfield to Black Pines) – new certificate and certificate validation  Full-scale emergency response exercises during	x																					
153 a	operations  Full-scale emergency response exercises during	x	х				х																
153 b	operations  Full-scale emergency response exercises during	x	x				х																
153 c	operations  Riparian Habitat Reclamation Evaluation Report and	x	x				х																
154	Offset Plan  Rare Ecological Community and Rare Plant Population	x x		х																			
155	Mitigation Evaluation Report and Offset Plan  Wetland Reclamation Evaluation Report and Offset		xx	х	х	х	х	х	х	х	х	х	х	х	х	х	х	х	х	х	х	х	х
156	Plan  Grasslands Reclamation Evaluation Report and Offset		xx	х	х	Х	х	х	х	х	х	х	х	х	х	х	х	х	х	х	х	х	х
157	Plan	x x x	x						х	х									х	х	х	х	

Appendix B														39								
Phased	<b>Conditions Matrix</b>	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 Pa	AO-003-OC-2 (OC- 2)	AO-003-OC-2 (OC 2)	AO-003-OC-2 (OC-	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)
143 a (ii)	Baseline inspections	х							х	х	х	х	х	х	х	х	х	х	х	х	х	x
143 a (iii)	Baseline inspections	х							х	х	х	х	х	х	х	х	х	х	х	х	х	х
143 a (iv)	Baseline inspections	х							х	х	х	х	х	х	х	х	х	х	х	х	х	х
143 a (v)	Baseline inspections	x							х	х	х	х	х	x	х	х	х	х	x	х	х	x
143 b	Baseline inspections	x							х	х	х	х	х	x	х	х	х	х	x	х	х	x
144	Ongoing implementation of marine shipping-related commitments	x																				
145	Community Benefit Program progress reports	х							х	х	х	х	х	x	х	х	х	х	х	х	х	х
146	·	x x	x x	х	х	х	х		х	х	х	х	х	х	х	х	х	х	х	х	х	x
147	Natural hazard assessment	х	x x						х	х	х	х	х	х	х	х	х	х	х	х	х	x
148	Pipeline Geographic Information System (radio) data	х							х	х	х	х	х	х	х	х	х	х	x	х	х	x
149	Caribou Habitat Restoration and Offset Measures Monitoring Program	x x	x x		х	х					х	х										
150	Caribou habitat restoration and offset measures monitoring report(s)	x x	x x		х	х					х	х										
151	Post-construction environmental monitoring reports  Pipeline segment reactivation (Hinton to Hargreaves;	x x	x x x	x	х	х	x	х	х	х	х	х	х	x	х	х	х	х	х	х	х	x
152	Parfield to Black Pines) – new certificate and certificate validation  Full-scale emergency response exercises during	x			х	х	x															
153 a	perations  Full-scale emergency response exercises during	х		x							х		х						х			
153 b	operations  Full-scale emergency response exercises during	х		x							х		х						х			
153 с	operations	х		x							х		х						х			
154	Riparian Habitat Reclamation Evaluation Report and Offset Plan	x x			х	х	х		х	х	х	х	х	х	х	х	х	х	х	х	х	
155	Rare Ecological Community and Rare Plant Population Mitigation Evaluation Report and Offset Plan	x x	x x		х	х	х		х	х	х	х	х	х	х	х	х	х	х	х	х	x
156	Wetland Reclamation Evaluation Report and Offset Plan		x x	×	х	х	х		х	х	х	х	х	х	х	х	х	х	х	х	х	х
157	Grasslands Reclamation Evaluation Report and Offset Plan	x x	x x				х					х	х	х	х							