Publication Date on Website	Assessment Rule Name	What's the Risk	Controls in Place	Location	Activity	Operator	Submission Type	Action/Next Step taken by the AER	When the action / next step may take place in the development life cycle	Justification for action
6-Nov-17	Watercourse Crossings	loss of containment, resulting in impacts to the environment.	Canadian Standards Association Z662: Oil and Gas Pipeline Systems (http://shop.csa.ca/en/canada/petroleum-and-natural-gas-industry-systems/cancsa-z662-15-/invt/27024912015) Alberta Regulation 91/2005: Pipeline Rules (http://www.qp.alberta.ca/documents/Regs/2005_091.pdf)	Watercourse crossing	Larger liquid pipelines (oil, produced water, emulsion) under a waterbody not constructed using horizontal directional drilling (HDD) technology.		Application - New Construction Application - Amendments: Resumption; Route Change; Specification Change; Substance Change – Entire Licence; Substance Change – Partial Licence	Route the application for additional review.	Initiate, Operate	To ensure appropriate mitigations are in place to prevent a pipeline from being exposed during flooding. Additional review is required.
6-Nov-17	Participant Involvement	Stakeholders not sufficiently consulted/notified, potentially leading to unresolved stakeholder concerns, resulting in a loss of confidence in the AER.	Directive 056: Energy Development Applications and Schedules (https://www.aer.ca/documents/directives/Directive056.pdf)	N/A	N/A	requirements not met, or there are outstanding stakeholder concerns	Application - New Construction Application - Amendments: Abandonment; Bi-directional Flow; Discontinuation; Facility Code; Flow Reversal; H2S Increase; H2S Decrease; Installations; Line Split; Liner Installation; MOP Increase; MOP Decrease; Not Constructed; Other; Reinstatement; Removal; Resumption; Route Change; Spec Change; Substance Change - Entire Licence;	Route the application for additional review.	Initiate, Operate	Unresolved concerns may lead to new information. Additional review required.
6-Nov-17	AER Areas of Focus	Pipeline activities within identified sensitive areas, potentially leading to siting (e.g., location related) issues, resulting in impacts to the environment (e.g., wildlife, ecology, dam safety).	Directive 056: Energy Development Applications and Schedules (https://www.aer.ca/documents/directives/Directive056.pdf)	Activity falls within the following areas: Battle Lake Tier 1 Area, Sage Grouse Federal EPO prohibition area, and Brazeau Dan Buffer		N/A	Abandonment Application Discontinuation Application Installations Application Liner Installation Removal Application Resumption Application Route Change Application	Route the application for additional review.	Initiate, Operate	To ensure appropriate mitigations are in place, activities in sensitive areas require additional review.
6-Nov-17	Variance from CSA Z662 or Pipeline Rules		Canadian Standards Association Z662: Oil and Gas Pipeline Systems (http://shop.csa.ca/en/canada/petroleum-and-natural-gas-industry-systems/cancsa-z662-15-/invt/27024912015) Alberta Regulation 91/2005: Pipeline Rules (http://www.qp.alberta.ca/documents/Regs/2005_091.pdf)	N/A	Pipeline does not meet all CSA Z662 standards or does not meet Pipeline Rules		Application - New Construction Application - Amendments: Abandonment; Discontinuation; H2S Increase; H2S Decrease; Liner Installation; MOP Increase; MOP Decrease; Reinstatement; Resumption; Spec Change; Substance Change — Entire Licence; Substance Change — Partial Licence	Route the application for additional review.	Initiate, Operate	A variance from AER requirements introduces uncertainty related to the risk of the proposed activity. Additional review required.
6-Nov-17	Higher Risk Substances	slope movement, valve or joint failure, etc., potentially causing a loss of containment (e.g., the release of high-risk substances), resulting in impacts to public safety.	Canadian Standards Association Z662: Oil and Gas Pipeline Systems (http://shop.csa.ca/en/canada/petroleum-and-natural-gas-industry-systems/cancsa-z662-15-/invt/27024912015) Alberta Regulation 91/2005: Pipeline Rules (http://www.qp.alberta.ca/documents/Regs/2005_091.pdf)	N/A	Pipelines carrying HV, carbon dioxide, or "Other" substances		Application - New Construction Application - Amendments: H2S Increase; MOP Increase; MOP Decrease; Resumption; Substance Change – Entire Licence; Substance Change – Partial Licence	Route the application for additional review.	Initiate, Operate	Specific substances create uncertainty about the level of risk of the activity. Additional review is required to understand the uncertainty to ensure that appropriate mitigative/operational controls are in place and that more stringent guidelines and requirements are met.

6-Nov-17	Statement of Concern	A Statement of Concern, Submitted in relation	Directive 056: Energy Development Applications and Schedules	N/A	N/A	A statement of concern is filed by	Application - New Construction	Route the application for additional review.	Initiate, Operate	A statement of concern may lead to no
			(https://www.aer.ca/documents/directives/Directive056.pdf)			any stakeholder	Application - Amendments:	The state of the second of the	mate, operate	information. Additional review require
		stakeholder concerns.	(inteps.// www.der.ed/documents/directives/ birectives/o.pdi/			arry stakeriolaer	Abandonment;			information. Additional review require
		stakenoider concerns.					•			
							Bi-directional Flow;			
							Discontinuation;			
							Expiry Extension;			
							Facility Code;			
							Flow Reversal;			
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							H2S Increase;			
							H2S Decrease;			
							Installations;			
							Line Split;			
							Liner Installation;			
							MOP Increase;			
							MOP Decrease;			
							Not Constructed;			
							Other;			
							Reinstatement;			
							Removal;			
							Resumption;			
							Route Change;			
							Spec Change;			
	I			1	1		Substance Change – Entire Licence;	1		
							Substance Change – Partial Licence			
				 	1.			1		
6-Nov-17	Operator Criteria		Directive 056: Energy Development Applications and Schedules	N/A	N/A	Applicant's corporate health	Application - New Construction	Route the application for additional review.	Initiate, Operate	Licensee may not be capable of carry
			(https://www.aer.ca/documents/directives/Directive056.pdf)			status is identified as "Global	Application - Amendments:			out regulatory obligations in terms o
		or financial means) over the life cycle of the	, , , , , , , , , , , , , , , , , , , ,			Refer"	Abandonment;			pipeline safety; additional review is
						Refer	•			
		pipeline, potentially leading to a loss of					Bi-directional Flow;			required.
		containment, resulting in impacts to the					Discontinuation;			
		environment and public safety.					Expiry Extension;			
		comment and passes surely.								
							Facility Code;			
							Flow Reversal;			
							H2S Increase;			
							H2S Decrease;			
							Installations;			
							Line Split;			
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							MOP Increase;			
							MOP Increase; MOP Decrease;			
							MOP Decrease;			
							MOP Decrease; Not Constructed;			
							MOP Decrease; Not Constructed; Other;			
							MOP Decrease; Not Constructed;			
							MOP Decrease; Not Constructed; Other; Reinstatement;			
							MOP Decrease; Not Constructed; Other; Reinstatement; Removal;			
							MOP Decrease; Not Constructed; Other; Reinstatement; Removal; Resumption;			
							MOP Decrease; Not Constructed; Other; Reinstatement; Removal;			
							MOP Decrease; Not Constructed; Other; Reinstatement; Removal; Resumption;			
							MOP Decrease; Not Constructed; Other; Reinstatement; Removal; Resumption; Route Change; Spec Change;			
							MOP Decrease; Not Constructed; Other; Reinstatement; Removal; Resumption; Route Change; Spec Change; Substance Change - Entire;			
							MOP Decrease; Not Constructed; Other; Reinstatement; Removal; Resumption; Route Change; Spec Change;			
							MOP Decrease; Not Constructed; Other; Reinstatement; Removal; Resumption; Route Change; Spec Change; Substance Change - Entire; Substance Change - Partial			
6-Nov-17	Pipe Specifications		Canadian Standards Association Z662: Oil and Gas Pipeline	N/A	Pipelines that exceed limitations		MOP Decrease; Not Constructed; Other; Reinstatement; Removal; Resumption; Route Change; Spec Change; Substance Change - Entire; Substance Change - Partial Application - New Construction	Route the application for additional review.	Initiate, Operate	
6-Nov-17	Pipe Specifications		Canadian Standards Association Z662: Oil and Gas Pipeline Systems	N/A	Pipelines that exceed limitations listed in the <i>Directive 056</i>		MOP Decrease; Not Constructed; Other; Reinstatement; Removal; Resumption; Route Change; Spec Change; Substance Change - Entire; Substance Change - Partial	Route the application for additional review.	Initiate, Operate	
6-Nov-17	Pipe Specifications	due to incompatible combination of H_2S ,	Systems	N/A	listed in the <i>Directive 056</i>		MOP Decrease; Not Constructed; Other; Reinstatement; Removal; Resumption; Route Change; Spec Change; Substance Change - Entire; Substance Change - Partial Application - New Construction Application - Amendments:	Route the application for additional review.	Initiate, Operate	joints) may not be compatible with
6-Nov-17	Pipe Specifications	due to incompatible combination of H ₂ S, substance, pipe material, or operating	Systems (http://shop.csa.ca/en/canada/petroleum-and-natural-gas-	N/A	listed in the <i>Directive 056</i> process for pipeline applications		MOP Decrease; Not Constructed; Other; Reinstatement; Removal; Resumption; Route Change; Spec Change; Substance Change - Entire; Substance Change - Partial Application - New Construction Application - Amendments: H2S Increase;	Route the application for additional review.	Initiate, Operate	joints) may not be compatible with operating conditions (e.g., MOP, $\rm H_2S$
6-Nov-17	Pipe Specifications	due to incompatible combination of H ₂ S, substance, pipe material, or operating conditions (e.g., maximum pressure),	Systems	N/A	listed in the <i>Directive 056</i> process for pipeline applications of Fiberspar, Flexpipe, Flexcord		MOP Decrease; Not Constructed; Other; Reinstatement; Removal; Resumption; Route Change; Spec Change; Substance Change - Entire; Substance Change - Partial Application - New Construction Application - Amendments: H2S Increase; H2S Decrease;	Route the application for additional review.	Initiate, Operate	joints) may not be compatible with operating conditions (e.g., MOP, H_2S). This introduces uncertainty related to
6-Nov-17	Pipe Specifications	due to incompatible combination of H ₂ S, substance, pipe material, or operating	Systems (http://shop.csa.ca/en/canada/petroleum-and-natural-gas-	N/A	listed in the <i>Directive 056</i> process for pipeline applications		MOP Decrease; Not Constructed; Other; Reinstatement; Removal; Resumption; Route Change; Spec Change; Substance Change - Entire; Substance Change - Partial Application - New Construction Application - Amendments: H2S Increase;	Route the application for additional review.	Initiate, Operate	joints) may not be compatible with operating conditions (e.g., MOP, H ₂ S This introduces uncertainty related t
6-Nov-17	Pipe Specifications	due to incompatible combination of H ₂ S, substance, pipe material, or operating conditions (e.g., maximum pressure), potentially leading to a loss of containment,	Systems (http://shop.csa.ca/en/canada/petroleum-and-natural-gas-industry-systems/cancsa-z662-15-/invt/27024912015)	N/A	listed in the <i>Directive 056</i> process for pipeline applications of Fiberspar, Flexpipe, Flexcord or Flexsteel Composite Pipes,		MOP Decrease; Not Constructed; Other; Reinstatement; Removal; Resumption; Route Change; Spec Change; Substance Change - Entire; Substance Change - Partial Application - New Construction Application - Amendments: H2S Increase; H2S Decrease; Liner Installation;	Route the application for additional review.	Initiate, Operate	joints) may not be compatible with operating conditions (e.g., MOP, H ₂ S This introduces uncertainty related t integrity of the pipeline. Appropriate
6-Nov-17	Pipe Specifications	due to incompatible combination of H ₂ S, substance, pipe material, or operating conditions (e.g., maximum pressure), potentially leading to a loss of containment, resulting in impacts to the environment and	Systems (http://shop.csa.ca/en/canada/petroleum-and-natural-gas-industry-systems/cancsa-z662-15-/invt/27024912015) Directive 056: Energy Development Applications and Schedules	N/A	listed in the <i>Directive 056</i> process for pipeline applications of Fiberspar, Flexpipe, Flexcord		MOP Decrease; Not Constructed; Other; Reinstatement; Removal; Resumption; Route Change; Spec Change; Substance Change - Entire; Substance Change - Partial Application - New Construction Application - Amendments: H2S Increase; H2S Decrease; Liner Installation; MOP Increase;	Route the application for additional review.	Initiate, Operate	joints) may not be compatible with operating conditions (e.g., MOP, H ₂ S This introduces uncertainty related t integrity of the pipeline. Appropriate mitigative measures/controls must be
6-Nov-17	Pipe Specifications	due to incompatible combination of H ₂ S, substance, pipe material, or operating conditions (e.g., maximum pressure), potentially leading to a loss of containment,	Systems (http://shop.csa.ca/en/canada/petroleum-and-natural-gas-industry-systems/cancsa-z662-15-/invt/27024912015)	N/A	listed in the <i>Directive 056</i> process for pipeline applications of Fiberspar, Flexpipe, Flexcord or Flexsteel Composite Pipes,		MOP Decrease; Not Constructed; Other; Reinstatement; Removal; Resumption; Route Change; Spec Change; Substance Change - Entire; Substance Change - Partial Application - New Construction Application - Amendments: H2S Increase; H2S Decrease; Liner Installation; MOP Increase; MOP Decrease;	Route the application for additional review.	Initiate, Operate	joints) may not be compatible with operating conditions (e.g., MOP, H_2S) This introduces uncertainty related to integrity of the pipeline. Appropriate
6-Nov-17	Pipe Specifications	due to incompatible combination of H ₂ S, substance, pipe material, or operating conditions (e.g., maximum pressure), potentially leading to a loss of containment, resulting in impacts to the environment and	Systems (http://shop.csa.ca/en/canada/petroleum-and-natural-gas-industry-systems/cancsa-z662-15-/invt/27024912015) Directive 056: Energy Development Applications and Schedules	N/A	listed in the <i>Directive 056</i> process for pipeline applications of Fiberspar, Flexpipe, Flexcord or Flexsteel Composite Pipes,		MOP Decrease; Not Constructed; Other; Reinstatement; Removal; Resumption; Route Change; Spec Change; Substance Change - Entire; Substance Change - Partial Application - New Construction Application - Amendments: H2S Increase; H2S Decrease; Liner Installation; MOP Increase;	Route the application for additional review.	Initiate, Operate	joints) may not be compatible with operating conditions (e.g., MOP, H ₂ S This introduces uncertainty related to integrity of the pipeline. Appropriate mitigative measures/controls must be
6-Nov-17	Pipe Specifications	due to incompatible combination of H ₂ S, substance, pipe material, or operating conditions (e.g., maximum pressure), potentially leading to a loss of containment, resulting in impacts to the environment and	Systems (http://shop.csa.ca/en/canada/petroleum-and-natural-gas-industry-systems/cancsa-z662-15-/invt/27024912015) Directive 056: Energy Development Applications and Schedules (https://www.aer.ca/documents/directives/Directive056.pdf)	N/A	listed in the <i>Directive 056</i> process for pipeline applications of Fiberspar, Flexpipe, Flexcord or Flexsteel Composite Pipes,		MOP Decrease; Not Constructed; Other; Reinstatement; Removal; Resumption; Route Change; Spec Change; Substance Change - Entire; Substance Change - Partial Application - New Construction Application - Amendments: H2S Increase; H2S Decrease; Liner Installation; MOP Increase; MOP Decrease; Other;	Route the application for additional review.	Initiate, Operate	joints) may not be compatible with operating conditions (e.g., MOP, H ₂ S This introduces uncertainty related tintegrity of the pipeline. Appropriate mitigative measures/controls must be
6-Nov-17	Pipe Specifications	due to incompatible combination of H ₂ S, substance, pipe material, or operating conditions (e.g., maximum pressure), potentially leading to a loss of containment, resulting in impacts to the environment and public safety.	Systems (http://shop.csa.ca/en/canada/petroleum-and-natural-gas-industry-systems/cancsa-z662-15-/invt/27024912015) Directive 056: Energy Development Applications and Schedules (https://www.aer.ca/documents/directives/Directive056.pdf) Pipeline Rules	N/A	listed in the <i>Directive 056</i> process for pipeline applications of Fiberspar, Flexpipe, Flexcord or Flexsteel Composite Pipes,	N/A	MOP Decrease; Not Constructed; Other; Reinstatement; Removal; Resumption; Route Change; Spec Change; Substance Change - Entire; Substance Change - Partial Application - New Construction Application - Amendments: H2S Increase; H2S Decrease; Liner Installation; MOP Increase; MOP Decrease; Other; Resumption;	Route the application for additional review.	Initiate, Operate	joints) may not be compatible with operating conditions (e.g., MOP, H ₂ S This introduces uncertainty related to integrity of the pipeline. Appropriate mitigative measures/controls must be
6-Nov-17	Pipe Specifications	due to incompatible combination of H ₂ S, substance, pipe material, or operating conditions (e.g., maximum pressure), potentially leading to a loss of containment, resulting in impacts to the environment and public safety.	Systems (http://shop.csa.ca/en/canada/petroleum-and-natural-gas-industry-systems/cancsa-z662-15-/invt/27024912015) Directive 056: Energy Development Applications and Schedules (https://www.aer.ca/documents/directives/Directive056.pdf) Pipeline Rules Alberta Regulation 91/2005: Pipeline Rules	N/A	listed in the <i>Directive 056</i> process for pipeline applications of Fiberspar, Flexpipe, Flexcord or Flexsteel Composite Pipes,	N/A	MOP Decrease; Not Constructed; Other; Reinstatement; Removal; Resumption; Route Change; Spec Change; Substance Change - Entire; Substance Change - Partial Application - New Construction Application - Amendments: H2S Increase; H2S Decrease; Liner Installation; MOP Increase; MOP Decrease; Other; Resumption; Spec Change;	Route the application for additional review.	Initiate, Operate	joints) may not be compatible with operating conditions (e.g., MOP, H ₂ S This introduces uncertainty related to integrity of the pipeline. Appropriate mitigative measures/controls must be
6-Nov-17	Pipe Specifications	due to incompatible combination of H ₂ S, substance, pipe material, or operating conditions (e.g., maximum pressure), potentially leading to a loss of containment, resulting in impacts to the environment and public safety.	Systems (http://shop.csa.ca/en/canada/petroleum-and-natural-gas-industry-systems/cancsa-z662-15-/invt/27024912015) Directive 056: Energy Development Applications and Schedules (https://www.aer.ca/documents/directives/Directive056.pdf) Pipeline Rules	N/A	listed in the <i>Directive 056</i> process for pipeline applications of Fiberspar, Flexpipe, Flexcord or Flexsteel Composite Pipes,	N/A	MOP Decrease; Not Constructed; Other; Reinstatement; Removal; Resumption; Route Change; Spec Change; Substance Change - Entire; Substance Change - Partial Application - New Construction Application - Amendments: H2S Increase; H2S Decrease; Liner Installation; MOP Increase; MOP Decrease; Other; Resumption; Spec Change; Substance Change - Entire;	Route the application for additional review.	Initiate, Operate	joints) may not be compatible with operating conditions (e.g., MOP, H ₂ S). This introduces uncertainty related to integrity of the pipeline. Appropriate mitigative measures/controls must be
6-Nov-17	Pipe Specifications	due to incompatible combination of H ₂ S, substance, pipe material, or operating conditions (e.g., maximum pressure), potentially leading to a loss of containment, resulting in impacts to the environment and public safety.	Systems (http://shop.csa.ca/en/canada/petroleum-and-natural-gas-industry-systems/cancsa-z662-15-/invt/27024912015) Directive 056: Energy Development Applications and Schedules (https://www.aer.ca/documents/directives/Directive056.pdf) Pipeline Rules Alberta Regulation 91/2005: Pipeline Rules	N/A	listed in the <i>Directive 056</i> process for pipeline applications of Fiberspar, Flexpipe, Flexcord or Flexsteel Composite Pipes,	N/A	MOP Decrease; Not Constructed; Other; Reinstatement; Removal; Resumption; Route Change; Spec Change; Substance Change - Entire; Substance Change - Partial Application - New Construction Application - Amendments: H2S Increase; H2S Decrease; Liner Installation; MOP Increase; MOP Decrease; Other; Resumption; Spec Change;	Route the application for additional review.	Initiate, Operate	joints) may not be compatible with operating conditions (e.g., MOP, H ₂ S This introduces uncertainty related t integrity of the pipeline. Appropriate mitigative measures/controls must be
6-Nov-17	Pipe Specifications	due to incompatible combination of H ₂ S, substance, pipe material, or operating conditions (e.g., maximum pressure), potentially leading to a loss of containment, resulting in impacts to the environment and public safety.	Systems (http://shop.csa.ca/en/canada/petroleum-and-natural-gas-industry-systems/cancsa-z662-15-/invt/27024912015) Directive 056: Energy Development Applications and Schedules (https://www.aer.ca/documents/directives/Directive056.pdf) Pipeline Rules Alberta Regulation 91/2005: Pipeline Rules (http://www.qp.alberta.ca/documents/Regs/2005_091.pdf)		listed in the <i>Directive 056</i> process for pipeline applications of Fiberspar, Flexpipe, Flexcord or Flexsteel Composite Pipes,	N/A	MOP Decrease; Not Constructed; Other; Reinstatement; Removal; Resumption; Route Change; Spec Change; Substance Change - Entire; Substance Change - Partial Application - New Construction Application - Amendments: H2S Increase; H2S Decrease; Liner Installation; MOP Increase; MOP Decrease; Other; Resumption; Spec Change; Substance Change - Entire;	Route the application for additional review.	Initiate, Operate	joints) may not be compatible with operating conditions (e.g., MOP, H ₂ S). This introduces uncertainty related to integrity of the pipeline. Appropriate mitigative measures/controls must be
6-Nov-17	Pipe Specifications	due to incompatible combination of H ₂ S, substance, pipe material, or operating conditions (e.g., maximum pressure), potentially leading to a loss of containment, resulting in impacts to the environment and public safety.	Systems (http://shop.csa.ca/en/canada/petroleum-and-natural-gas-industry-systems/cancsa-z662-15-/invt/27024912015) Directive 056: Energy Development Applications and Schedules (https://www.aer.ca/documents/directives/Directive056.pdf) Pipeline Rules Alberta Regulation 91/2005: Pipeline Rules (http://www.qp.alberta.ca/documents/Regs/2005_091.pdf) Directive 056: Process for Pipeline Applications of Fibrespar, Flex		listed in the <i>Directive 056</i> process for pipeline applications of Fiberspar, Flexpipe, Flexcord or Flexsteel Composite Pipes,	N/A	MOP Decrease; Not Constructed; Other; Reinstatement; Removal; Resumption; Route Change; Spec Change; Substance Change - Entire; Substance Change - Partial Application - New Construction Application - Amendments: H2S Increase; H2S Decrease; Liner Installation; MOP Increase; MOP Decrease; Other; Resumption; Spec Change; Substance Change - Entire;	Route the application for additional review.	Initiate, Operate	joints) may not be compatible with operating conditions (e.g., MOP, H ₂ S). This introduces uncertainty related to integrity of the pipeline. Appropriate mitigative measures/controls must b
6-Nov-17	Pipe Specifications	due to incompatible combination of H ₂ S, substance, pipe material, or operating conditions (e.g., maximum pressure), potentially leading to a loss of containment, resulting in impacts to the environment and public safety.	Systems (http://shop.csa.ca/en/canada/petroleum-and-natural-gas-industry-systems/cancsa-z662-15-/invt/27024912015) Directive 056: Energy Development Applications and Schedules (https://www.aer.ca/documents/directives/Directive056.pdf) Pipeline Rules Alberta Regulation 91/2005: Pipeline Rules (http://www.qp.alberta.ca/documents/Regs/2005_091.pdf) Directive 056: Process for Pipeline Applications of Fibrespar, Flex Pipe, Flex Cord, or Flex Steel Composite Pipes		listed in the <i>Directive 056</i> process for pipeline applications of Fiberspar, Flexpipe, Flexcord or Flexsteel Composite Pipes,	N/A	MOP Decrease; Not Constructed; Other; Reinstatement; Removal; Resumption; Route Change; Spec Change; Substance Change - Entire; Substance Change - Partial Application - New Construction Application - Amendments: H2S Increase; H2S Decrease; Liner Installation; MOP Increase; MOP Decrease; Other; Resumption; Spec Change; Substance Change - Entire;	Route the application for additional review.	Initiate, Operate	joints) may not be compatible with operating conditions (e.g., MOP, H ₂ S). This introduces uncertainty related to integrity of the pipeline. Appropriate mitigative measures/controls must be
6-Nov-17	Pipe Specifications	due to incompatible combination of H ₂ S, substance, pipe material, or operating conditions (e.g., maximum pressure), potentially leading to a loss of containment, resulting in impacts to the environment and public safety.	Systems (http://shop.csa.ca/en/canada/petroleum-and-natural-gas-industry-systems/cancsa-z662-15-/invt/27024912015) Directive 056: Energy Development Applications and Schedules (https://www.aer.ca/documents/directives/Directive056.pdf) Pipeline Rules Alberta Regulation 91/2005: Pipeline Rules (http://www.qp.alberta.ca/documents/Regs/2005_091.pdf) Directive 056: Process for Pipeline Applications of Fibrespar, Flex		listed in the <i>Directive 056</i> process for pipeline applications of Fiberspar, Flexpipe, Flexcord or Flexsteel Composite Pipes,	N/A	MOP Decrease; Not Constructed; Other; Reinstatement; Removal; Resumption; Route Change; Spec Change; Substance Change - Entire; Substance Change - Partial Application - New Construction Application - Amendments: H2S Increase; H2S Decrease; Liner Installation; MOP Increase; MOP Decrease; Other; Resumption; Spec Change; Substance Change - Entire;	Route the application for additional review.	Initiate, Operate	joints) may not be compatible with operating conditions (e.g., MOP, H ₂ S) This introduces uncertainty related to integrity of the pipeline. Appropriate mitigative measures/controls must b
6-Nov-17	Pipe Specifications	due to incompatible combination of H ₂ S, substance, pipe material, or operating conditions (e.g., maximum pressure), potentially leading to a loss of containment, resulting in impacts to the environment and public safety.	Systems (http://shop.csa.ca/en/canada/petroleum-and-natural-gas-industry-systems/cancsa-z662-15-/invt/27024912015) Directive 056: Energy Development Applications and Schedules (https://www.aer.ca/documents/directives/Directive056.pdf) Pipeline Rules Alberta Regulation 91/2005: Pipeline Rules (http://www.qp.alberta.ca/documents/Regs/2005_091.pdf) Directive 056: Process for Pipeline Applications of Fibrespar, Flex Pipe, Flex Cord, or Flex Steel Composite Pipes (http://www.aer.ca/documents/directives/Directive056_Fibersp		listed in the <i>Directive 056</i> process for pipeline applications of Fiberspar, Flexpipe, Flexcord or Flexsteel Composite Pipes,	N/A	MOP Decrease; Not Constructed; Other; Reinstatement; Removal; Resumption; Route Change; Spec Change; Substance Change - Entire; Substance Change - Partial Application - New Construction Application - Amendments: H2S Increase; H2S Decrease; Liner Installation; MOP Increase; MOP Decrease; Other; Resumption; Spec Change; Substance Change - Entire;	Route the application for additional review.	Initiate, Operate	joints) may not be compatible with operating conditions (e.g., MOP, H ₂ S This introduces uncertainty related to integrity of the pipeline. Appropriate mitigative measures/controls must be
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6-Nov-17	Pipe Specifications	due to incompatible combination of H ₂ S, substance, pipe material, or operating conditions (e.g., maximum pressure), potentially leading to a loss of containment, resulting in impacts to the environment and public safety.	Systems (http://shop.csa.ca/en/canada/petroleum-and-natural-gas-industry-systems/cancsa-z662-15-/invt/27024912015) Directive 056: Energy Development Applications and Schedules (https://www.aer.ca/documents/directives/Directive056.pdf) Pipeline Rules Alberta Regulation 91/2005: Pipeline Rules (http://www.qp.alberta.ca/documents/Regs/2005_091.pdf) Directive 056: Process for Pipeline Applications of Fibrespar, Flex Pipe, Flex Cord, or Flex Steel Composite Pipes (http://www.aer.ca/documents/directives/Directive056_Fibersp		listed in the <i>Directive 056</i> process for pipeline applications of Fiberspar, Flexpipe, Flexcord or Flexsteel Composite Pipes,	N/A	MOP Decrease; Not Constructed; Other; Reinstatement; Removal; Resumption; Route Change; Spec Change; Substance Change - Entire; Substance Change - Partial Application - New Construction Application - Amendments: H2S Increase; H2S Decrease; Liner Installation; MOP Increase; MOP Decrease; Other; Resumption; Spec Change; Substance Change - Entire;	Route the application for additional review.	Initiate, Operate	joints) may not be compatible with operating conditions (e.g., MOP, H ₂ S This introduces uncertainty related tintegrity of the pipeline. Appropriate mitigative measures/controls must be
6-Nov-17	Pipe Specifications	due to incompatible combination of H ₂ S, substance, pipe material, or operating conditions (e.g., maximum pressure), potentially leading to a loss of containment, resulting in impacts to the environment and public safety.	Systems (http://shop.csa.ca/en/canada/petroleum-and-natural-gas-industry-systems/cancsa-z662-15-/invt/27024912015) Directive 056: Energy Development Applications and Schedules (https://www.aer.ca/documents/directives/Directive056.pdf) Pipeline Rules Alberta Regulation 91/2005: Pipeline Rules (http://www.qp.alberta.ca/documents/Regs/2005_091.pdf) Directive 056: Process for Pipeline Applications of Fibrespar, Flex Pipe, Flex Cord, or Flex Steel Composite Pipes (http://www.aer.ca/documents/directives/Directive056_Fibersp		listed in the <i>Directive 056</i> process for pipeline applications of Fiberspar, Flexpipe, Flexcord or Flexsteel Composite Pipes,	N/A	MOP Decrease; Not Constructed; Other; Reinstatement; Removal; Resumption; Route Change; Spec Change; Substance Change - Entire; Substance Change - Partial Application - New Construction Application - Amendments: H2S Increase; H2S Decrease; Liner Installation; MOP Increase; MOP Decrease; Other; Resumption; Spec Change; Substance Change - Entire;	Route the application for additional review.	Initiate, Operate	joints) may not be compatible with operating conditions (e.g., MOP, H ₂ S This introduces uncertainty related tintegrity of the pipeline. Appropriate mitigative measures/controls must be
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6-Nov-17	Pipe Specifications	due to incompatible combination of H ₂ S, substance, pipe material, or operating conditions (e.g., maximum pressure), potentially leading to a loss of containment, resulting in impacts to the environment and public safety.	Systems (http://shop.csa.ca/en/canada/petroleum-and-natural-gas-industry-systems/cancsa-z662-15-/invt/27024912015) Directive 056: Energy Development Applications and Schedules (https://www.aer.ca/documents/directives/Directive056.pdf) Pipeline Rules Alberta Regulation 91/2005: Pipeline Rules (http://www.qp.alberta.ca/documents/Regs/2005_091.pdf) Directive 056: Process for Pipeline Applications of Fibrespar, Flex Pipe, Flex Cord, or Flex Steel Composite Pipes (http://www.aer.ca/documents/directives/Directive056_Fibersp		listed in the <i>Directive 056</i> process for pipeline applications of Fiberspar, Flexpipe, Flexcord or Flexsteel Composite Pipes,	N/A	MOP Decrease; Not Constructed; Other; Reinstatement; Removal; Resumption; Route Change; Spec Change; Substance Change - Entire; Substance Change - Partial Application - New Construction Application - Amendments: H2S Increase; H2S Decrease; Liner Installation; MOP Increase; MOP Decrease; Other; Resumption; Spec Change; Substance Change - Entire;	Route the application for additional review.	Initiate, Operate	joints) may not be compatible with operating conditions (e.g., MOP, H ₂ S This introduces uncertainty related t integrity of the pipeline. Appropriate mitigative measures/controls must be
6-Nov-17	Pipe Specifications	due to incompatible combination of H ₂ S, substance, pipe material, or operating conditions (e.g., maximum pressure), potentially leading to a loss of containment, resulting in impacts to the environment and public safety.	Systems (http://shop.csa.ca/en/canada/petroleum-and-natural-gas-industry-systems/cancsa-z662-15-/invt/27024912015) Directive 056: Energy Development Applications and Schedules (https://www.aer.ca/documents/directives/Directive056.pdf) Pipeline Rules Alberta Regulation 91/2005: Pipeline Rules (http://www.qp.alberta.ca/documents/Regs/2005_091.pdf) Directive 056: Process for Pipeline Applications of Fibrespar, Flex Pipe, Flex Cord, or Flex Steel Composite Pipes (http://www.aer.ca/documents/directives/Directive056_Fibersp		listed in the <i>Directive 056</i> process for pipeline applications of Fiberspar, Flexpipe, Flexcord or Flexsteel Composite Pipes,	N/A	MOP Decrease; Not Constructed; Other; Reinstatement; Removal; Resumption; Route Change; Spec Change; Substance Change - Entire; Substance Change - Partial Application - New Construction Application - Amendments: H2S Increase; H2S Decrease; Liner Installation; MOP Increase; MOP Decrease; Other; Resumption; Spec Change; Substance Change - Entire;	Route the application for additional review.	Initiate, Operate	joints) may not be compatible with operating conditions (e.g., MOP, H ₂ S This introduces uncertainty related tintegrity of the pipeline. Appropriate mitigative measures/controls must be
6-Nov-17	Pipe Specifications	due to incompatible combination of H ₂ S, substance, pipe material, or operating conditions (e.g., maximum pressure), potentially leading to a loss of containment, resulting in impacts to the environment and public safety.	Systems (http://shop.csa.ca/en/canada/petroleum-and-natural-gas-industry-systems/cancsa-z662-15-/invt/27024912015) Directive 056: Energy Development Applications and Schedules (https://www.aer.ca/documents/directives/Directive056.pdf) Pipeline Rules Alberta Regulation 91/2005: Pipeline Rules (http://www.qp.alberta.ca/documents/Regs/2005_091.pdf) Directive 056: Process for Pipeline Applications of Fibrespar, Flex Pipe, Flex Cord, or Flex Steel Composite Pipes (http://www.aer.ca/documents/directives/Directive056_Fibersp		listed in the <i>Directive 056</i> process for pipeline applications of Fiberspar, Flexpipe, Flexcord or Flexsteel Composite Pipes,	N/A	MOP Decrease; Not Constructed; Other; Reinstatement; Removal; Resumption; Route Change; Spec Change; Substance Change - Entire; Substance Change - Partial Application - New Construction Application - Amendments: H2S Increase; H2S Decrease; Liner Installation; MOP Increase; MOP Decrease; Other; Resumption; Spec Change; Substance Change - Entire;	Route the application for additional review.	Initiate, Operate	operating conditions (e.g., MOP, H ₂ S) This introduces uncertainty related to integrity of the pipeline. Appropriate mitigative measures/controls must b
6-Nov-17	Pipe Specifications	due to incompatible combination of H ₂ S, substance, pipe material, or operating conditions (e.g., maximum pressure), potentially leading to a loss of containment, resulting in impacts to the environment and public safety.	Systems (http://shop.csa.ca/en/canada/petroleum-and-natural-gas-industry-systems/cancsa-z662-15-/invt/27024912015) Directive 056: Energy Development Applications and Schedules (https://www.aer.ca/documents/directives/Directive056.pdf) Pipeline Rules Alberta Regulation 91/2005: Pipeline Rules (http://www.qp.alberta.ca/documents/Regs/2005_091.pdf) Directive 056: Process for Pipeline Applications of Fibrespar, Flex Pipe, Flex Cord, or Flex Steel Composite Pipes (http://www.aer.ca/documents/directives/Directive056_Fibersp		listed in the <i>Directive 056</i> process for pipeline applications of Fiberspar, Flexpipe, Flexcord or Flexsteel Composite Pipes,	N/A	MOP Decrease; Not Constructed; Other; Reinstatement; Removal; Resumption; Route Change; Spec Change; Substance Change - Entire; Substance Change - Partial Application - New Construction Application - Amendments: H2S Increase; H2S Decrease; Liner Installation; MOP Increase; MOP Decrease; Other; Resumption; Spec Change; Substance Change - Entire;	Route the application for additional review.	Initiate, Operate	joints) may not be compatible with operating conditions (e.g., MOP, H ₂ This introduces uncertainty related integrity of the pipeline. Appropriat mitigative measures/controls must

6-Nov-17 Pipeline Tie-Ins	Pipe material loss and/or valve or joint failure	Canadian Standards Association Z662: Oil and Gas Pipeline	N/A	Pipeline location table has a N/A	Application - New Construction	Route the application for additional review.	Initiate, Operate	Appropriate mitigative measures/conf
1	due to incompatible combination of H2S,	Systems		facility code "pipeline"	Application - Amendments: Abandonment;			must be in place to protect connecting
	substance, pipe material, or operating	(http://shop.csa.ca/en/canada/petroleum-and-natural-gas-			Bi-directional Flow;			pipelines from operating conditions (e
		industry-systems/cancsa-z662-15-/invt/27024912015)		and	Discontinuation;			H ₂ S content, substance, and/or MOF
	potentially leading to a loss of containment,				Facility Code;			
		Directive OFG, Francy Davidsoment Applications and Schodules		Tie in substance 1136 centent				that they are not originally designed
		Directive 056: Energy Development Applications and Schedules		Tie-in substance, H2S content,	Flow Reversal;			Additional review required.
	public safety.	(https://www.aer.ca/documents/directives/Directive056.pdf)		and/or maximum operating	H2S Increase;			
				pressure (MOP) are incompatible	H2S Decrease;			
		Pipeline Rules		with each other	Line Split;			
		Alberta Regulation 91/2005: Pipeline Rules			MOP Increase;			
		(http://www.qp.alberta.ca/documents/Regs/2005_091.pdf)			MOP Decrease;			
		(http://www.qp.uibertuicu/ uocuments/ hegs/ 2005_051.pui/			Reinstatement;			
					· · · · · · · · · · · · · · · · · · ·			
					Resumption;			
					Substance Change – Entire Licence;			
					Substance Change – Partial Licence			
6-Nov-17 ALSA Compliance	Pipeline activities located in areas identified in	Alberta Land Stewardship Act Regional Plans	Located within the boundaries of a	N/A N/A		Route the application for additional review.	Initiate , Operate	To ensure appropriate mitigations ar
	regional plans (a designated conservation		designated conservation area, a		Application - Amendments:			place, pipeline activities located with
	area, provincial park, provincial recreation		provincial park, a provincial		Abandonment;			the boundaries of a designated
	area, or a public land area for recreation and		recreation area, or a public land		Bi-directional Flow;			conservation area, a provincial park,
					· · · · · · · · · · · · · · · · · · ·			
	tourism), potentially leading to siting (e.g.,		area for recreation and tourism		Discontinuation;			provincial recreation area, or a publi
	location related) issues, resulting in impacts to		identified in regional plans		Expiry Extension;			area for recreation and tourism iden
	the environment.				Facility Code;			in regional plans require more revie
					Flow Reversal;			Also, to inform the Government of
					H2S Increase;			
								Alberta of these pipeline activities.
					H2S Decrease;			
					Installations;			
					Line Split;			
					Liner Installation;			
					MOP Increase;			
					MOP Decrease;			
					Not Constructed;			
					Other;			
					Reinstatement;			
					Removal;			
					Resumption;			
					Route Change;			
					Spec Change;			
					Substance Change – Entire Licence;			
	l .				Substance Change – Partial Licence			
6-Nov-17 Pipeline Installation Activities	All variances from the AER's standard rules	Directive 056: Energy Development Applications and Schedules	N/A	Pipeline installations do not meet N/A		Route the application for additional review.	Initiate, Operate	A variance from AER requirements
6-Nov-17 Pipeline Installation Activities	All variances from the AER's standard rules and requirements are reviewed.	Directive 056: Energy Development Applications and Schedules (https://www.aer.ca/documents/directives/Directive056.pdf)	N/A	Pipeline installations do not meet N/A noise, storage, spacing, or	Application - Amendments: Installations	Route the application for additional review.	Initiate, Operate	-
6-Nov-17 Pipeline Installation Activities	l .		N/A	noise, storage, spacing, or	Installations	Route the application for additional review.	Initiate, Operate	introduces uncertainty related to the
6-Nov-17 Pipeline Installation Activities	l .		N/A	1 '		Route the application for additional review.	Initiate, Operate	introduces uncertainty related to the of the proposed activity that require
6-Nov-17 Pipeline Installation Activities	l .		N/A	noise, storage, spacing, or	Installations	Route the application for additional review.	Initiate, Operate	introduces uncertainty related to the
5-Nov-17 Pipeline Installation Activities	l .		N/A	noise, storage, spacing, or	Installations	Route the application for additional review.	Initiate, Operate	introduces uncertainty related to the of the proposed activity that require
6-Nov-17 Pipeline Installation Activities	l .		N/A	noise, storage, spacing, or	Installations	Route the application for additional review.	Initiate, Operate	introduces uncertainty related to the of the proposed activity that require
6-Nov-17 Pipeline Installation Activities	l .		N/A	noise, storage, spacing, or	Installations	Route the application for additional review.	Initiate, Operate	introduces uncertainty related to the of the proposed activity that require
6-Nov-17 Pipeline Installation Activities	l .		N/A	noise, storage, spacing, or	Installations	Route the application for additional review.	Initiate, Operate	introduces uncertainty related to the of the proposed activity that require
5-Nov-17 Pipeline Installation Activities	l .		N/A	noise, storage, spacing, or	Installations	Route the application for additional review.	Initiate, Operate	introduces uncertainty related to the of the proposed activity that require
-Nov-17 Pipeline Installation Activities	l .		N/A	noise, storage, spacing, or	Installations	Route the application for additional review.	Initiate, Operate	introduces uncertainty related to the of the proposed activity that requir
5-Nov-17 Pipeline Installation Activities	l .		N/A	noise, storage, spacing, or	Installations	Route the application for additional review.	Initiate, Operate	introduces uncertainty related to the of the proposed activity that require
5-Nov-17 Pipeline Installation Activities	l .		N/A	noise, storage, spacing, or	Installations	Route the application for additional review.	Initiate, Operate	introduces uncertainty related to the of the proposed activity that require
5-Nov-17 Pipeline Installation Activities	l .		N/A	noise, storage, spacing, or	Installations	Route the application for additional review.	Initiate, Operate	introduces uncertainty related to the of the proposed activity that requir
-Nov-17 Pipeline Installation Activities	l .		N/A	noise, storage, spacing, or	Installations	Route the application for additional review.	Initiate, Operate	introduces uncertainty related to the of the proposed activity that require
5-Nov-17 Pipeline Installation Activities	l .		N/A	noise, storage, spacing, or	Installations	Route the application for additional review.	Initiate, Operate	introduces uncertainty related to the of the proposed activity that require
5-Nov-17 Pipeline Installation Activities	l .		N/A	noise, storage, spacing, or	Installations	Route the application for additional review.	Initiate, Operate	introduces uncertainty related to the of the proposed activity that require
5-Nov-17 Pipeline Installation Activities	l .		N/A	noise, storage, spacing, or	Installations	Route the application for additional review.	Initiate, Operate	introduces uncertainty related to the of the proposed activity that require
	and requirements are reviewed.	(https://www.aer.ca/documents/directives/Directive056.pdf)		noise, storage, spacing, or emissions requirements	Installations Substance Change – Entire Licence			introduces uncertainty related to the of the proposed activity that require additional review.
	l .		N/A	noise, storage, spacing, or	Installations Substance Change – Entire Licence	Route the application for additional review. Route the application for additional review.		introduces uncertainty related to to of the proposed activity that requiradditional review.
	Pipe material loss (e.g., corrosion), valve or	(https://www.aer.ca/documents/directives/Directive056.pdf) Canadian Standards Association Z662: Oil and Gas Pipeline		noise, storage, spacing, or emissions requirements Increase in CSA Z662 class N/A	Installations Substance Change – Entire Licence Application - Amendments:			introduces uncertainty related to t of the proposed activity that require additional review. A higher-class location (e.g., design
	Pipe material loss (e.g., corrosion), valve or joint failure, or strikes to pipelines if in close	(https://www.aer.ca/documents/directives/Directive056.pdf) Canadian Standards Association Z662: Oil and Gas Pipeline Systems		noise, storage, spacing, or emissions requirements	Installations Substance Change – Entire Licence Application - Amendments: MOP Decrease;			introduces uncertainty related to to fithe proposed activity that requinadditional review. A higher-class location (e.g., design pipeline operation) is required to response to the proposed activity that required activity that required to the proposed activity that required activity the proposed activity that required activity the proposed activity that required activity
	Pipe material loss (e.g., corrosion), valve or joint failure, or strikes to pipelines if in close proximity to populations, potentially leading	(https://www.aer.ca/documents/directives/Directive056.pdf) Canadian Standards Association Z662: Oil and Gas Pipeline Systems (http://shop.csa.ca/en/canada/petroleum-and-natural-gas-		noise, storage, spacing, or emissions requirements Increase in CSA Z662 class N/A	Installations Substance Change – Entire Licence Application - Amendments:			A higher-class location (e.g., desig pipeline operation) is required to rether the closer proximity of pipelines proximity of pipelines the closer proximity of pipelines proximity of
	Pipe material loss (e.g., corrosion), valve or joint failure, or strikes to pipelines if in close proximity to populations, potentially leading	(https://www.aer.ca/documents/directives/Directive056.pdf) Canadian Standards Association Z662: Oil and Gas Pipeline Systems		noise, storage, spacing, or emissions requirements Increase in CSA Z662 class N/A	Installations Substance Change – Entire Licence Application - Amendments: MOP Decrease;			A higher-class location (e.g., design pipeline operation) is required to rethe closer proximity of pipelines to
	Pipe material loss (e.g., corrosion), valve or joint failure, or strikes to pipelines if in close proximity to populations, potentially leading to a loss of containment, resulting in impacts	(https://www.aer.ca/documents/directives/Directive056.pdf) Canadian Standards Association Z662: Oil and Gas Pipeline Systems (http://shop.csa.ca/en/canada/petroleum-and-natural-gas-		noise, storage, spacing, or emissions requirements Increase in CSA Z662 class N/A	Installations Substance Change – Entire Licence Application - Amendments: MOP Decrease;			A higher-class location (e.g., design pipeline operation) is required to the closer proximity of pipelines to human populations. Additional review
	Pipe material loss (e.g., corrosion), valve or joint failure, or strikes to pipelines if in close proximity to populations, potentially leading	(https://www.aer.ca/documents/directives/Directive056.pdf) Canadian Standards Association Z662: Oil and Gas Pipeline Systems (http://shop.csa.ca/en/canada/petroleum-and-natural-gas-		noise, storage, spacing, or emissions requirements Increase in CSA Z662 class N/A	Installations Substance Change – Entire Licence Application - Amendments: MOP Decrease;			A higher-class location (e.g., desig pipeline operation) is required to the closer proximity of pipelines to
	Pipe material loss (e.g., corrosion), valve or joint failure, or strikes to pipelines if in close proximity to populations, potentially leading to a loss of containment, resulting in impacts	(https://www.aer.ca/documents/directives/Directive056.pdf) Canadian Standards Association Z662: Oil and Gas Pipeline Systems (http://shop.csa.ca/en/canada/petroleum-and-natural-gas-		noise, storage, spacing, or emissions requirements Increase in CSA Z662 class N/A	Installations Substance Change – Entire Licence Application - Amendments: MOP Decrease;			A higher-class location (e.g., design pipeline operation) is required to the closer proximity of pipelines to human populations. Additional review.
	Pipe material loss (e.g., corrosion), valve or joint failure, or strikes to pipelines if in close proximity to populations, potentially leading to a loss of containment, resulting in impacts	(https://www.aer.ca/documents/directives/Directive056.pdf) Canadian Standards Association Z662: Oil and Gas Pipeline Systems (http://shop.csa.ca/en/canada/petroleum-and-natural-gas-		noise, storage, spacing, or emissions requirements Increase in CSA Z662 class N/A	Installations Substance Change – Entire Licence Application - Amendments: MOP Decrease;			A higher-class location (e.g., desig pipeline operation) is required to the closer proximity of pipelines to human populations. Additional review
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6-Nov-17	OR Change to Sour Service		Canadian Standards Association Z662: Oil and Gas Pipeline Systems (http://shop.csa.ca/en/canada/petroleum-and-natural-gas-industry-systems/cancsa-z662-15-/invt/27024912015) Directive 056: Energy Development Applications and Schedules (https://www.aer.ca/documents/directives/Directive056.pdf) Pipeline Rules Alberta Regulation 91/2005: Pipeline Rules (http://www.qp.alberta.ca/documents/Regs/2005_091.pdf)	N/A	Proposed change of service may trigger more <i>Pipeline Rules</i> requirements and/or <i>CSA Z662</i> sour-service requirements	Application - Amendments: H2S Increase; MOP Increase; Substance Change – Entire Licence; Substance Change – Partial Licence	Route the application for additional review.	Operate	Higher-risk substances require more stringent pipeline design/operation requirements.
6-Nov-17	directional Flow)	Valve or joint failure due to inadequate pipe design (e.g., wall thickness), potentially leading to a loss of containment, resulting in impacts to public safety.	Canadian Standards Association Z662: Oil and Gas Pipeline Systems (http://shop.csa.ca/en/canada/petroleum-and-natural-gas-industry-systems/cancsa-z662-15-/invt/27024912015)	N/A	Request to allow bi-directional flow in larger-diameter pipelines	Application - Amendments: Bi-directional Flow	Route the application for additional review.	Operate	The existing pipeline design/operation may not be appropriate for the propose operational actvity. Additional review is required.
6-Nov-17	Status	potentially leading to a loss of containment, resulting in impacts to public safety.	Canadian Standards Association Z662: Oil and Gas Pipeline Systems (http://shop.csa.ca/en/canada/petroleum-and-natural-gas-industry-systems/cancsa-z662-15-/invt/27024912015) Directive 056: Energy Development Applications and Schedules (https://www.aer.ca/documents/directives/Directive056.pdf) Pipeline Rules Alberta Regulation 91/2005: Pipeline Rules (http://www.qp.alberta.ca/documents/Regs/2005_091.pdf)	N/A	Request to resume operation of an abandoned pipeline	Application - Amendments: Resumption	Route the application for additional review.	Operate	Abandoned pipelines are not maintained and therefore are typically not candidate for resumption. Pipeline integrity may not be sufficient for return to service.
13-Dec-17		due to incompatible combination of H2S, substance, and/or pipe material, potentially leading to a loss of containment, resulting in impacts on public safety.	Canadian Standards Association Z662: Oil and Gas Pipeline Systems (http://shop.csa.ca/en/canada/petroleum-and-natural-gas-industry-systems/cancsa-z662-15-/invt/27024912015) Directive 056: Energy Development Applications and Schedules (https://www.aer.ca/documents/directives/Directive056.pdf)	N/A	Request to resume operation of an abandoned or discontinued pipeline where the service conditions of the licence have been changed	Application - Amendments: Resumption	Route the application for additional review.	Operate	The existing pipeline design/operation may not be appropriate for the proposed operational activity. Additional review is required.