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December 1, 2022

Filed Electronically

Canada Energy Regulator
Suite 210, 517 Tenth Avenue SW
Calgary, AB T2R 0A8

Attention: Ms. Ramon Sladic, Secretary of the Commission

Dear Ms. Sladic:

**Re: NOVA Gas Transmission Ltd. (NGTL)
Saddle Lake Lateral Loop (Cold Lake Section) Project (Project)
Order XG-016-2020 (Order)
Condition 4: Commitments Tracking Table No. 18
File No.: OF-Fac-Gas-N081-2019-11 01**

Pursuant to Condition 4(b), NGTL submits the Project quarterly Commitments Tracking Table No. 18 for reporting period of September 1, 2022, to December 1, 2022. For ease of reference, modifications to the Commitments Tracking Table have been blacklined.

As required, NGTL will notify all potentially affected Indigenous peoples who have expressed interest in the Project, and post the Commitments Tracking Table to TC Energy's pipeline projects webpage for public viewing at the following link:

<https://www.tcenergy.com/operations/natural-gas/saddle-lake-lateral-loop/>

If the Canada Energy Regulator requires additional information with respect to this filing, please contact me by phone at (403) 920-7425 or by email at kenneth_pountney@tcenergy.com

Yours truly,
NOVA Gas Transmission Ltd.

Original signed by

Kenneth Pountney
Regulatory Project Manager
Regulatory Facilities, Canadian Natural Gas Pipelines

Enclosure

cc: Erin Robles Estoy, Canada Energy Regulator

Table 1: Commitment Tracking Table No. 18 – December 2022

Commitment Number	Commitment To	Category	Description of Commitment	Source	Document References (CER Filing ID)	Status	Project Phase	Accountability	Comments
<i>Order XG-016-2020</i>									
	CER	Order Conditions	NGTL must comply with all of the conditions contained in this Order unless the Commission otherwise directs.	Order XG-016-2020 Condition 1	C07372	Ongoing	Pre-Construction through Post-Construction	Regulatory Project Manager Project Manager(s)	
	CER	Order Conditions	Subject to Condition 11, NGTL must cause the approved Project to be designed, located, constructed, installed, and operated in accordance with the specifications, standards, commitments made and other information referred to in its application or in its related submissions.	Order XG-016-2020 Condition 2	C07372	Ongoing	Pre-Construction through Post-Construction	All Disciplines	
	CER	Order Conditions	NGTL must implement or cause to be implemented all of the policies, practices, programs, mitigation measures, recommendations, procedures and its commitments for the protection of the environment included in or referred to in its application or in its related submissions.	Order XG-016-2020 Condition 3	C07372	Ongoing	Pre-Construction through Post-Construction	Project Manager(s) Construction Manager(s) Environmental Planner(s)	
	CER	Order Conditions	<p>NGTL must:</p> <p>File with the CER, post on its website, and notify all potentially affected Indigenous peoples who have expressed to NGTL an interest in this Project, at least 30 days prior to the commencement of construction, a Commitments Tracking Table (CTT), listing all commitments made by NGTL in its Project Application or in its related submissions, including reference to:</p> <ol style="list-style-type: none"> the documentation in which the commitment appears (for example, the Project Application, responses to information requests, permit requirements, or other); traditional and resource use information from potentially affected Indigenous peoples; the accountable lead for implementing each commitment; and the estimated timelines associated with the fulfillment of each commitment. <p>Update the status of the commitments in a) on its Project website and file these updates with the CER and all potentially affected Indigenous peoples who have expressed to NGTL an interest in this Project on:</p> <ul style="list-style-type: none"> a monthly basis until commencing operations; and a quarterly basis until the end of the first year following the commencement of operations. <p>Maintain at its Project site during the life cycle of the Project:</p> <ol style="list-style-type: none"> the CTT listing all regulatory commitments and their completion status, including, but not limited to, those commitments resulting from NGTL's Project Application and subsequent filings and conditions from permits, authorizations and approvals; 	Order XG-016-2020 Condition 4	C07372	Ongoing	Pre-Construction through Operations	All Disciplines	<p>Permit requirements (i.e., <i>Heritage Resources Act</i> Approval, Alberta Environment and Parks, etc.) will be included in the Project's Environmental Commitment Tracking Lists.</p> <p>CTT No. 1 filed August 31, 2020. (C08103).</p> <p>CTT No. 2 filed September 30, 2020. (C08612).</p> <p>CTT No. 3 filed October 31, 2020. (C09251).</p> <p>CTT No. 4 filed November 30, 2020 (C10021)</p> <p>CTT No. 5 filed January 8, 2021 (C10806)</p> <p>CTT No. 6 filed February 2, 2021 (C11396)</p> <p>CTT No. 7 filed March 2, 2021 (C11775)</p> <p>CTT No. 8 filed April 6, 2021 (C12279)</p> <p>CTT No. 9 filed May 5, 2021 (C12941)</p> <p>CTT No. 10 filed June 3, 2021 (C13393)</p> <p>CTT No. 11 filed July 5, 2021 (C13901)</p> <p>CTT No. 12 filed August 4, 2021 (C14338)</p> <p>CTT No. 13 filed Sept 7, 2021 (C14821)</p>

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Commitment Number	Commitment To	Category	Description of Commitment	Source	Document References (CER Filing ID)	Status	Project Phase	Accountability	Comments
			<ul style="list-style-type: none"> ii. copies of any permits, approvals or authorization issued by federal, provincial or other permitting authorities, which include environmental conditions or site specific mitigation or monitoring measures; and iii. any subsequent variances to any permits, approvals or authorizations in c)ii. 						CTT No. 14 filed December 1, 2021 (C16396) CTT No. 15 Filed March 1, 2022 (C17946) CTT No. 16 Filed June 1, 2022 (C19349) <u>CTT No. 17 Filed September 1, 2022 (C20754)</u>
	CER	Order Conditions	NGTL must file with the CER, at least 15 days prior to commencing construction: confirmation that NGTL has obtained all of the required archaeological and heritage resource clearances from the Alberta Ministry of Culture, Multiculturalism and Status of Women; a description of how NGTL will meet any conditions and respond to any comments and recommendations contained in the clearances referred to in a); and a description of how NGTL has incorporated additional mitigation measures into its Environmental Protection Plan as a result of conditions, comments, or recommendations referred to in b). NGTL must also provide a copy of this information to all Cold Lake First Nations (CLFN), Asini Wachi Nehiyawak (Mountain Cree) Traditional Band, and any other potentially affected Indigenous peoples who have expressed an interest in heritage resources in the Project area with NGTL; and NGTL must, within 7 days of the filing in a), provide confirmation to the CER that it has provided those copies.	Order XG-016-2020 Condition 5	C07372	Complete	Pre-construction	Project Manager(s) Construction Manager(s) Environmental Planner(s) Indigenous Relations Engagement Lead	Standard <i>Historical Resources Act</i> Approval conditions have been incorporated into the Project Environmental Protection Plan CER Filing ID: C08346 CER Filing ID: C08390
	CER	Order Conditions	NGTL must file with the CER, at least 15 days prior to commencing construction, an engagement report summarizing NGTL's engagement activities with CLFN, and any other potentially affected Indigenous peoples that identify an interest in ongoing engagement with NGTL for this Project. The first reporting period should include updates from 15 June 2020 onward. The report must include, but not be limited to: the methods, dates and locations of consultation activities; an update on the status of any outstanding commitments made by NGTL to CLFN and any other potentially affected Indigenous peoples; a description of the comments and concerns expressed by CLFN and any other potentially affected Indigenous peoples; and a description of NGTL's response regarding each of the concerns or comments, including any mitigation	Order XG-016-2020 Condition 6	C07372	Complete	Pre-Construction	Indigenous Relations Technical Lead	CER Filing ID: C08347 CER Filing ID: C08391

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			measures identified or steps taken to address any concerns raised; or an explanation of why no further steps will be taken. NGTL must also provide a copy of the report to all Indigenous peoples who have expressed an interest in receiving a copy; and NGTL must, within 7 days of the filing, provide confirmation to the CER that it has provided those copies.						
	CER	Order Conditions	NGTL must, at least 14 days prior to the commencement of construction of the approved facilities, file with the CER a detailed construction schedule or schedules identifying major construction activities and must notify the CER of any modifications to the schedule or schedules as they occur.	Order XG-016-2020 Condition 7	C07372	Complete	Pre-Construction	Project Manager(s) Construction Manager(s)	CER Filing ID: C08348 (Pipeline Component) CER Filing ID: C11463 (Meter Station Component)
	CER	Order Conditions	NGTL must file with the CER, at least 15 days prior to commencing construction at the watercourse crossing at the Beaver River, a plan describing participation by CLFN in monitoring activities during construction at the Beaver River. Activities include monitoring for adverse environmental impacts, heritage resources, areas related to traditional land and resource uses, and areas of cultural significance. The plan must include, but not be limited to: a summary of engagement and planning activities undertaken with CLFN to develop opportunities for their participation in monitoring activities; a description of how the results from its engagement with CLFN were incorporated into the plan, or an explanation as to why any results have not been incorporated; the scope, methodology, and justification for monitoring activities to be undertaken by NGTL and CLFN, including those elements of construction and geographic locations that will involve monitors; a description of how NGTL will use and incorporate the information gathered through the participation of monitors and apply it to the Project; and, a description of how, what form, and the timeframe in which NGTL will provide the information gathered through the participation of monitors to CLFN.	Order XG-016-2020 Condition 8	C07372	Complete	Pre-Construction	Indigenous Relations Technical Lead Indigenous Relations Aboriginal Construction Participation Program (ACPP) Lead Project Manager(s) Construction Manager(s)	CER Filing ID: C08518
	CER	Order Conditions	In the event that NGTL identifies the need to employ a contingency trenched watercourse crossing method at the Beaver River instead of its proposed primary trenchless crossing, NGTL must file with the CER, at least 15 days prior to commencing the contingency crossing, a report describing NGTL's engagement with CLFN about its watercourse crossing contingency plan for the Beaver River. The report must include, but not be limited to:	Order XG-016-2020 Condition 9	C07372	N/A	Construction	Indigenous Relations Technical Lead Project Manager(s) Construction Manager(s)	CER Filing ID: C10803

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Commitment Number	Commitment To	Category	Description of Commitment	Source	Document References (CER Filing ID)	Status	Project Phase	Accountability	Comments
			<p>A description of engagement activities undertaken with CLFN related to the contingency trenched watercourse crossing of the Beaver River;</p> <p>A summary of the proposed mitigation for minimizing potential interactions to the ability of CLFN to harvest plants and wildlife, and/or on potential disturbances to ancestral sites;</p> <p>A description of the comments and concerns expressed by CLFN;</p> <p>A description of how NGTL will facilitate the participation by CLFN in monitoring activities on the Crown land portion of the Project during the construction and postconstruction remediation phases; and</p> <p>A description of how NGTL intends to address any outstanding concerns, or an explanation of why no further steps will be taken.</p>						
	CER	Order Conditions	<p>In the event that NGTL identifies the need to employ a contingency watercourse crossing method at the Beaver River instead of its proposed primary trenchless crossing, and where there is no potential harmful alteration, disruption or destruction of fish or fish habitat, as defined in the Fisheries Act, NGTL must file a notification with the CER, at least 15 days prior to commencing the contingency watercourse crossing. In the notification, NGTL must explain why the contingency method is being employed and provide a summary of the differences between the primary and contingency watercourse crossing methods.</p> <p>In the event that NGTL identifies the need to employ a contingency crossing method at the Beaver River instead of its proposed primary method, and where there is potential for harmful alteration, disruption or destruction of fish or fish habitat, as defined by the Fisheries Act, NGTL must file with the CER at least 30 days prior to commencing construction of the contingency watercourse crossing:</p> <ul style="list-style-type: none"> confirmation of the contingency watercourse crossing method that will be employed, the rationale for employing that method, and a summary of the differences between the primary and contingency watercourse crossing methods; and the following site-specific information: <ul style="list-style-type: none"> b.1) detailed crossing-specific design drawings; b.2) photographs of the crossing location, as well as upstream and downstream; b.3) a description of the fish species and habitat that is present at the crossing location, and if fish 	Order XG-016-2020 Condition 10	C07372	N/A	Construction	Environmental Planner(s)	CER Filing ID: C10803

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			<p>spawning is likely to occur within the immediate area;</p> <p>b.4) the site-specific mitigation and habitat enhancement measures to be used to minimize impacts;</p> <p>b.5) any potential residual effects;</p> <p>b.6) proposed reclamation measures;</p> <p>b.7) a discussion of the potential impacts to local fisheries resources within the immediate area as a result of the crossing's construction.</p> <p>NGTL must confirm, within 30 days after commencing operations that any contingency watercourse crossing identified to the CER pursuant to a) and b) were the only contingency watercourse crossing(s) implemented for the construction of the pipeline.</p>						
	CER	Order Conditions	NGTL must file with the CER any technical specification updates for the Project components listed in the Application concurrently with its Leave to Open application. Technical specification updates are limited to differences in pipe length, diameter, wall thickness, grade or material that do not impact any other aspect of the Project as approved.	Order XG-016-2020 Condition 11	C07372	Complete	Construction	Project Manager(s) Project Engineer	Technical specification updates were filed with the CER on April 20, 2021.
	CER	Order Conditions	Within 30 days of the date that the approved Project is placed in service, NGTL must file with the CER a confirmation that the approved Project was completed and constructed in compliance with all applicable conditions in this Order. If compliance with any of these conditions cannot be confirmed, NGTL must file with the CER details as to why compliance cannot be confirmed. The filing required by this condition shall include a statement confirming that the signatory to the filing is the accountable officer of NGTL, appointed as Accountable Officer pursuant to s. 6.2 of the Canadian Energy Regulator Onshore Pipeline Regulations.	Order XG-016-2020 Condition 12	C07372	Complete	Post-Construction	All Disciplines	CER Filing ID: C15246
	CER	Order Conditions	NGTL must file with the CER, within 90 days after the date that the last Order for Leave to Open is issued, a plan describing participation by CLFN in post-construction monitoring activities of the watercourse crossing at the Beaver River. The plan must include, but not be limited to: <ul style="list-style-type: none"> a summary of engagement and planning activities undertaken with CLFN to develop opportunities for their participation in monitoring activities; a description of how the results from its engagement with CLFN were incorporated into the plan, or an explanation as to why any results have not been incorporated; the scope, methodology, and justification for monitoring activities to be undertaken by NGTL and CLFN, including those elements of post-construction and 	Order XG-016-2020 Condition 13	C07372	Complete	Post-Construction	Indigenous Relations Technical Lead Operations	CER Filing ID: C14324

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			operation, and geographic locations that will involve monitor(s); a description of how NGTL will use the information gathered through the participation of monitors; and a description of how NGTL will provide the information gathered through the participation of monitors to CLFN.						
	CER	Order Conditions	<p>NGTL must file with the CER, on or before 31 January following each of the first, third and fifth complete growing seasons after completing final clean-up of areas disturbed during construction and decommissioning, a post-construction environmental monitoring report that:</p> <ul style="list-style-type: none"> i. describes the methodology used for monitoring, the criteria established for evaluating success and the results found; ii. identifies the issues to be monitored, including but not limited to unexpected issues that arose during construction, and their locations (for example, on a map or diagram, in a table); iii. describes the current status of the issues (resolved or unresolved), any deviations from plans and corrective actions undertaken; iv. assesses the effectiveness of the mitigation measures, both planned and corrective, applied against the criteria for success; v. includes a detailed summary of NGTL's consultation undertaken with the appropriate provincial and federal authorities, landowners, and affected Indigenous peoples and a detailed description of how this consultation informed and/or modified NGTL's environmental monitoring program, including but not be limited to CLFN; and vi. provides proposed corrective measures and the schedule that NGTL would implement to address ongoing issues or concerns. The report must include, but is not limited to, information specific to the effectiveness of mitigation applied to minimize effects on: soils, weeds, watercourse crossings, wetlands, wildlife species at risk and of special concern, fish and fish habitat, and the Key Wildlife and Biodiversity Zones traversed by the Project. <p>NGTL must also provide a copy to CLFN and all Indigenous peoples who have expressed an interest in receiving a copy; and NGTL must, within 7 days of the filing in a), provide confirmation to the CER that it has provided those copies.</p>	Order XG-016-2020 Condition 14	C07372	Planned	Post-Construction	Post-Construction Monitoring Team Indigenous Relations Technical Lead	
	CER	Order Conditions	This Order shall expire on 17 July 2023 unless construction of the Project has commenced by that date.	Order XG-016-2020 Condition 14	C07372	Complete	Pre-Construction	Project Manager(s)	

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<i>Saddle Lake Lateral Loop (Cold Lake Section) Project s 58 Application</i>									
	CER	Design Matters	The Project will comply with the most recent version of all applicable legislation, codes and standards, including the Onshore Pipeline Regulations (OPR), Canadian Standards Association (CSA) Z662 Oil and Gas Pipeline Systems, and approval conditions, as well as the standards and specifications listed in Attachment 2, through design, construction, pressure-testing and operations.	Application – Technical Description; Application – E1 Application – Attachment 2a and 2b: Preliminary Standards and specifications	C01157-1 C01157-22 C01157-23	Completed	Pre-Construction through Operations	Project Manager(s) Project Engineer Operations	Project was completed as per code requirements.
	CER	Engineering Matters	NGTL will implement TC Energy's comprehensive Integrity Management Program (IMP) to monitor and ensure the integrity of the Project.	Application – Integrity Management	C01157-1	Planned	Pre-Construction through Operations	Project Manager(s) Construction Manager(s) Operations	
	CER	Design Matters	Current regular preventative maintenance programs will be incorporated in the design and operation of the pipeline portion of the Project.	Application – Integrity Management	C01157-1	Planned	Pre-Construction through Operations	Project Manager(s) Operations Pipeline Integrity	
	CER	Design Matters	TransCanada PipeLines Limited (TCPL) will operate the Project in accordance with all applicable legislation, codes and standards, including the OPR and Canadian Standards Association Z662-19: Oil and Gas Pipeline Systems (CSA Z662-19), and approval conditions.	Application – Integrity Management	C01157-1	Planned	Operations	Operations	
	CER	Construction Matters	Project footprint will be surveyed to identify existing underground facilities. The Project footprint will be prepared by clearing, stripping and grading as required.	Application – Technical Description	C01157-1	Completed	Pre-Construction	Project Manager(s) Construction Manager(s)	Project footprint has been surveyed to identify existing underground facilities. Construction activities have concluded.
	CER	Engineering Matters	The pipeline component of the Project will be pressure tested at a minimum of 125% of the design pressure. The mainline, valve assemblies, and launcher and receiver assemblies will be shop tested and/or field tested when assembled, as required.	Application – Technical Description	C01157-1	Completed	Construction	Project Manager(s) Project Engineer Construction Manager(s)	Hydrotesting completed and LTOs/ILTOS completed as necessary.
	CER	Engineering Matters	Cathodic protection (CP) will be maintained by installing a continuity bond across the cut points to ensure mitigation of corrosion and structural integrity of the pipeline for road crossings.	Application – Technical Description	C01157-1	Completed	Construction	Project Manager(s) Project Engineer Construction Manager(s) Operations	
	CER	Construction Matters	A site hazard assessment to ensure proper handling, storage and/or disposal of onsite infrastructure and materials.	Application – Technical Description	C01157-1	Completed	Construction	Project Manager(s) Project Engineer Construction Manager(s)	A Pre-Job Hazard Assessment has been completed to ensure proper handling, storage and/or disposal of onsite infrastructure and materials. Construction activities have concluded.
	CER	Design Matters	Where any aboveground infrastructure is required to remain on site for operational purpose, the fencing	Application – Technical Description	C01157-1	Completed	Pre-Construction through Post-Construction	Project Manager(s) Project Engineer Construction Manager(s)	Permanent fencing and gravel pad have been installed around aboveground infrastructure that is

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			together with the appropriate gravel pad will remain but the size or footprint of the fencing may change.					Operations	required to remain on site for operational purposes.
	CER	Construction Matters	Project construction will be supervised and inspected by qualified Construction and Environmental Inspectors to ensure compliance with all applicable legislation, codes and standards, and approval conditions. Inspection personnel will be on-site for specific activities during construction when their oversight is required.	Application – Technical Description Application – Attachment 13: Interactions Table	C01157-1 C01157-8	Ongoing	Pre-Construction through Construction	Project Manager(s) Construction Manager(s) Environmental Planner(s)	The Project is ensuring supervision and inspection are qualified Construction and Environmental Inspectors to ensure compliance to all applicable legislation, codes and standards, and approval conditions through tools.
	CER	Design Matters	Project facilities will not be used for sour service.	Application – E2-3	C01157-1	Planned	Pre-Construction through Post-Construction	Operations	
	CER	Design Matters	The Project will only use new pipeline materials.	Application – E3-1	C01157-1	Completed	Pre-Construction through Post-Construction	Project Manager(s) Project Engineer	Completed as necessary.
	CER	Design Matters	The Project will have a licenced maximum operating pressure and design pressure of 8450 kPa and will connect to the NGTL System at the existing Kent Sales Meter Station and Cold Lake Border Sales Meter Station.	Application – Attachment 6: Pipeline PC and OPP	C01157-28	Completed	Pre-Construction through Post-Construction	Project Manager(s) Project Engineer Operations	MOP is as designed.
	CER	Design Matters	As identified, Class 2 pipeline requirements will be met in the Class 2 location, as per CSA Z662.	Application – Attachment 10: Engineering Matters Summary	C01157-5	Complete	Design and Construction	Project Manager(s) Project Engineer	Class 2 pipeline requirements were met in the Class 2 location.
	CER	Design Matters	NGTL will install launcher and receiver facilities for in-line inspection of the pipeline on each end. A caliper tool will be used during Project pre-commissioning to inspect for construction-related defects and indications of dents or ovality.	Application – Attachment 10: Engineering Matters Summary	C01157-5	Completed	Construction through Post-Construction	Project Manager(s)	Launchers and receivers were installed
	CER	Environmental Matters	Post-construction monitoring will be implemented as per NGTL's Post-Construction Monitoring methodology.	Application – Attachment 13: Interactions Table	C01157-8	Planned	Post-Construction Operations	Post-Construction Monitoring Team	
	CER	Construction Matters	Undertake all grading with the understanding that original contours and drainage patterns will be re-established during clean-up unless otherwise authorized by the Environmental Inspector(s) or designate(s) or identified on Project-specific drawings.	Application – Attachment 13: Interactions Table – Physical and Meteorological Environment	C01157-8	Complete	Construction	Construction Manager(s) Environmental Planner(s)	All Grading Activities will be completed with the understanding that original contours and drainage patterns will be re-established during clean-up. The Project will be ensuring this through such tools as the Approved Grading Plan as well as TC Energy EPP. Both Plans are developed through the assurance of our commitment to the Project Footprint.
	CER	Construction Matters	The topsoil salvage technique to be used will be determined by the Environmental Inspector(s) or designate(s), Construction Manager, and the appropriate Environmental Resource Specialists, where required.	Application – Attachment 13: Interactions Table – Physical and Meteorological Environment	C01157-8	Complete	Construction	Construction Manager(s) Environmental Planner(s)	The Topsoil Salvage Technique is inclusive to the Environmental Protection Plan section 8.3.
	CER	Construction Matters	Soil storage areas will be approved by the Environmental Inspector(s) or designate(s).	Application – Attachment 13: Interactions Table – Soil and Soil Productivity	C01157-8	Complete	Construction	Construction Manager(s) Environmental Planner(s)	Soil Storage areas have been approved by the Environmental

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									Lead and have been incorporated Environment Alignment Sheets.
	CER	Construction Matters	Should high winds or heavy rains damage the tackifier during construction, contingency measures outlined in the <i>Adverse Weather Contingency Plan</i> will be implemented.	Application – Attachment 13: Interactions Table – Soil and Soil Productivity	C01157-8	Ongoing	Construction	Construction Manager(s) Environmental Planner(s)	Where adverse weather conditions and activities have the potential to cause adverse environmental effects, The Environmental Inspector or designate will suspend that phase of the operations until weather conditions abate or effective mitigation procedures have been applied. Section 2.0 in Appendix IE of the EPP outlines mitigation of Potential adverse environmental effects.
	CER	Construction Matters	Stumps that are removed will be used as rollback or will be disposed of by burning or chipping, where approved.	Application – Attachment 13: Interactions Table – Soil and Soil Productivity	C01157-8	Complete	Construction	Construction Manager(s) Environmental Planner(s)	As per the EPP section 8.2 Clearing and Vegetation Control, Vegetation Disposal 25. Timber and brush disposal options are subject to agreements with landowners, occupants and the responsible regulatory agency where public lands are intersected. 26. Dispose of all timber material not salvaged for merchantability or required for access control and/or erosion control through burning or mulching, unless otherwise directed by the he Environmental Inspector(s) or designate(s) and construction manager.
	CER	Emergency Management	NGTL will implement TC Energy's Corporate Security Policy (vandalism deterrence) and Damage Prevention and Integrity Management programs to help prevent and detect fugitive emissions.	Application – Attachment 13: Interactions Table – Air Emissions and GHG	C01157-8	Planned	Construction and Operations	Project Manager(s) Construction Manager(s) Operations	
	CER	Land Matters	NGTL will work with residents to address specific concerns related to noise emissions.	Application – Attachment 13: Interactions Table – Acoustic Environment and Human Occupancy and Resource Use	C01157-8	Ongoing	Construction and Operations	Project Manger(s) Construction Manager(s) Land Representative(s) Operations	
	CER	Indigenous Relations Matters	NGTL will continue to work with Aboriginal groups to identify Project related interests and concerns and consider site-specific Traditional Land and Resource Use, should any be brought forward into Project planning and mitigation.	Application – Attachment 13: Interactions Table – Aboriginal Traditional Land and Resource Use	C01157-8	Ongoing Complete	All Project Phases	Project Manager(s) Construction Manager(s) Indigenous Relations Engagement Lead Indigenous Relations Technical Lead	<u>NGTL has engaged with Aboriginal groups to identify Project related interests and concerns and has considered feedback it has received in Project planning and mitigation.</u>
	CER	Emergency Management	In the unlikely event of an accident or malfunction during construction, NGTL will implement contingency measures in the Project-specific Environmental Protection Plans and Emergency Response Plan.	Application – Attachment 13: Interactions Table – Accidents and Malfunctions	C01157-8	Ongoing	Construction	Project Manager(s) Construction Manager(s)	

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	CER	Emergency Management	If an accidental release does occur, measures to control, contain, recover and clean up the release are to be implemented immediately to reduce the potential for adverse environmental and human health effects, or to ensure the release does not spread or increase in size.	Application – Attachment 13: Interactions Table – Accidents and Malfunctions	C01157-8	Ongoing	Construction	Project Manager(s) Construction Manager(s) Environmental Inspector(s)	
	CER	Emergency Management	In the unlikely event of an accident or malfunction during operations, NGTL will implement TC Energy's overarching Emergency Management Corporate Program Manual as well as contingency measures such as emergency shutdown and facility isolation procedures to limit the potential for and volume of a release.	Application – Attachment 13: Interactions Table – Accidents and Malfunctions	C01157-8	Ongoing	Operations	Operations	
	CER	Emergency Management	Following an incident, the Repair and Restoration Phase of NGTL's Emergency Management Program will be initiated once public and responder safety is assured.	Application – Attachment 13: Interactions Table – Accidents and Malfunctions	C01157-8	Ongoing	Construction	Operations	
	CER	Emergency Management	NGTL will implement TC Energy's Integrity Management Program, Damage Prevention Program, and Corporate Security Policy to protect and maintain reliability of its asset, thereby reducing the potential for adverse environmental effects, and protecting property, the safety of NGTL employees and the public.	Application – Attachment 13: Interactions Table – Accidents and Malfunctions	C01157-8	Ongoing	Construction and Operations	Operations	
	CER	Land Matters	NGTL will acquire the necessary land rights prior to the scheduled start of construction. NGTL will acquire the required freehold land rights using right-of-way agreements. NGTL will apply to Alberta Environment and Parks for Crown land rights through Department Pipeline Agreements for pipeline rights.	Application – Attachment 15: Land Matters Summary	C01157-10	Complete	Pre-Construction	Land Representative(s)	
	CER	Land Matters Environment Matters	In the event that temporary workspace is required outside lands assessed in the Environmental and Socio-Economic Assessment, NGTL will conduct a desktop review and field studies if necessary, apply any necessary mitigation as detailed in the Environmental Protection Plan, and obtain any necessary permits or authorizations prior to construction.	Application – Attachment 15: Land Matters Summary	C01157-10	Complete	Construction	Land Representative(s) Environmental Planner(s)	
	CER	Land Matters	Pursuant to subsection 87(1) of the NEB Act, notices will be served on the Crown rights holders and owners of the land proposed to be acquired for the Project. NGTL will also provide notice to any occupant of lands proposed to be acquired for the Project.	Application – Attachment 15: Land Matters Summary	C01157-10	Complete	Pre-Construction	Land Representative(s)	
	CER	Land Matters	Where the Project is expected to cross or is adjacent to other existing linear facilities or developments or road access is required, NGTL will obtain the necessary agreements, consents and approvals from each third-party owner in accordance with requirements of the applicable legislation.	Application – Attachment 15: Land Matters Summary	C01157-10	Complete	Pre-Construction	Land Representative(s)	

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	CER	Land Matters	Should NGTL require any additional agreements for such areas, including agreements for temporary workspace or access, NGTL will coordinate subsequent meetings with the landowners/land users to discuss the potential work to be carried out.	Application – Attachment 15: Land Matters Summary	C01157-10	Ongoing	Pre-Construction and Post-Construction	Project Manager(s) Construction Manager(s) Land Representative(s)	
	All Stakeholders	All Disciplines	NGTL will continue to notify all stakeholders about the Project and address issues and concerns throughout the regulatory process and construction.	Application – Attachment 16: Consultation Matters Summary	C01157-11	Ongoing	Pre-Construction and Post-Construction	All Disciplines	
	CER	Indigenous Relations Matters	NGTL will continue to work with Chipewyan Prairie Dene First Nation to arrange a site visit of the Project and respond to any questions or concerns, should they arise.	Application – Attachment 17: Aboriginal Matters Summary	C01157-12	Complete	Pre-Construction	Indigenous Relations Engagement Lead	CPDFN considered but did not complete a pre-construction site visit.
	CER	Indigenous Relations Matters	NGTL will continue to work with Cold Lake First Nations until the project goes in-service (flowing gas) to better understand and address Project related concerns and issues. Once the Project is in service, NGTL Operations will engage until abandonment and reclamation is complete or the asset transferred.	Application – Attachment 17: Aboriginal Matters Summary	C01157-12	Ongoing Complete	Pre-Construction	Indigenous Relations Regional Lead	<u>NGTL has engaged with CLFN to understand and address Project related interests and concerns. NGTL will remain available to discuss and, where possible, address any concerns CLFN may have during operation and maintenance of the Project through ongoing engagement with Regional Liaisons and NGTL's Public Awareness Program.</u>
	CER	Indigenous Relations Matters	NGTL will continue to work with Elizabeth Métis Settlement to conduct the scheduled site visit of the Project and respond to any questions or concerns regarding the Project, should they arise.	Application – Attachment 17: Aboriginal Matters Summary	C01157-12	Complete	Pre-Construction	Indigenous Relations Engagement Lead	Site visit was completed on August 23, 2019 (CER Filing ID: C04311)
	CER	Indigenous Relations Matters	NGTL will continue to work with Enoch Cree Nation to arrange the site visit and respond to any questions or concerns regarding the Project, should they arise.	Application – Attachment 17: Aboriginal Matters Summary	C01157-12	Complete	Pre-Construction	Indigenous Relations Engagement Lead	Site visit was completed on September 12, 2019 (CER Filing ID: C04311)
	CER	Indigenous Relations Matters	NGTL will continue to work with Fishing Lake Métis Settlement to respond to any further questions or concerns regarding the Project, should they arise.	Application – Attachment 17: Aboriginal Matters Summary	C01157-12	Complete	Pre-Construction	Indigenous Relations Engagement Lead	Site visit was completed on August 8, 2019 (CER Filing ID: C04311)
	CER	Indigenous Relations Matters	NGTL will continue to work with Heart Lake First Nation to arrange a site visit and respond to any questions or concerns regarding the Project, should they arise.	Application – Attachment 17: Aboriginal Matters Summary	C01157-12	Complete	Pre-Construction	Indigenous Relations Engagement Lead	Site visit was completed in January 2020 (CER Filing ID: C04311)
	CER	Indigenous Relations Matters	NGTL will continue to work with Kehewin Cree Nation to arrange a site visit and respond to any questions or concerns regarding the Project, should they arise.	Application – Attachment 17: Aboriginal Matters Summary	C01157-12	Complete	Pre-Construction	Indigenous Relations Engagement Lead	Site visit was completed on August 27, 2019 (CER Filing ID: C04311)
	CER	Indigenous Relations Matters	NGTL will continue to work with Onion Lake Cree Nation and respond to any questions or concerns regarding the Project, should the arise, following receipt of its site visit report.	Application – Attachment 17: Aboriginal Matters Summary	C01157-12	Complete	Pre-Construction	Indigenous Relations Engagement Lead	Site visit was completed on August 13, 2019 (CER Filing ID: C04311)
	CER	Indigenous Relations Matters	NGTL will continue to work with Saddle Lake Cree Nation to arrange a site visit and respond to any questions or concerns regarding the Project, should they arise.	Application – Attachment 17: Aboriginal Matters Summary	C01157-12	Complete	Pre-Construction	Indigenous Relations Engagement Lead	Site visit was completed August 20, 2020 and report received February 25, 2021.

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	CER	Indigenous Relations Matters	NGTL will continue to work with Whitefish Lake First Nation 128 (Goodfish) to conduct the scheduled site visit and respond to any questions or concerns regarding the Project, should they arise.	Application – Attachment 17: Aboriginal Matters Summary	C01157-12	Complete	Pre-Construction	Indigenous Relations Engagement Lead	Site visit was completed on August 22, 2019 (CER Filing ID: C04311)
<i>Response to CER Information Request No. 1</i>									
	CER	Environment Matters	NGTL will continue to engage with provincial and federal agencies regarding provincial, and federal environmental management objectives through the planning and construction phases of the Project.	Response to CER IR No. 1	C04311	Ongoing	Pre-Construction and Construction	Environmental Planner(s) Public Affairs Lead	
	CER	Public Affairs	NGTL will however continue to liaise with relevant emergency response agencies generally and in accordance with the requirements of the Onshore Pipeline Regulations and provide these agencies with notice as appropriate, prior to commencement of construction activities.	Response to CER IR No. 1	C04311	Ongoing	Pre-Construction	Public Affairs Lead	Cold Lake Fire Rescue Chief/Director of Emergency and Bonnyville Fire Authority Chief have received relevant project notifications and were contacted prior to commencement of construction activities
	CER	Public Affairs	NGTL will continue to engage with Regional Elected and Non-Elected Municipal Officials and Staff through the planning and construction phases of the Project.	Response to CER IR No. 1	C04311	Ongoing	Pre-Construction and Construction	Public Affairs Lead	Public Affairs continues to engage stakeholders
	CER	Land Matters	NGTL will continue to consult with the landowner to identify and address any questions and concerns, should they arise.	Response to CER IR No. 1	C04311	Ongoing	Pre-Construction and Construction	Land Representative(s)	Land continues to engage with landowners.
	CER	Indigenous Relations Matters	NGTL will continue to work with Cold Lake First Nations to better understand and address any Project related issues and concerns and will respond to Cold Lake First Nation's site visit report once it is received.	Response to CER IR No. 1	C04311	Complete	Pre-Construction	Indigenous Relations Engagement Lead	Site visit was completed on December 18, 2019, NGTL received site visit report on January 31, 2020 and provided a response on February 22, 2020. In addition to the site visit, CLFN completed community interviews and provided NGTL with a report on March 31, 2022.
	CER	Indigenous Relations Matters	NGTL will continue to work with Elizabeth Métis Settlement and respond to any questions or concerns regarding the Project, should any arise, following receipt of its site visit report.	Response to CER IR No. 1	C04311	Complete	Pre-Construction	Indigenous Relations Engagement Lead	Site visit was completed on August 23, 2019.
	CER	Indigenous Relations Matters	NGTL will continue to work with Enoch Cree Nation and respond to any questions or concerns regarding the Project, should any arise, following receipt of its site visit report.	Response to CER IR No. 1	C04311	Complete	Pre-Construction	Indigenous Relations Engagement Lead	Site visit was completed on September 12, 2019.
	CER	Indigenous Relations Matters	NGTL will continue to work with Heart Lake First Nation and respond to any questions or concerns regarding the Project, should any arise, following receipt of Heart Lake First Nation's site visit report.	Response to CER IR No. 1	C04311	Complete	Pre-Construction	Indigenous Relations Engagement Lead	Site visit report received August 28, 2020 and NGTL provided a response on November 18, 2020.
	CER	Indigenous Relations Matters	NGTL will continue to work with Kehewin Cree Nation and respond to any questions or concerns regarding the	Response to CER IR No. 1	C04311	Complete	Pre-Construction	Indigenous Relations Engagement Lead	Site visit was completed on August 27, 2019.

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			Project, should any arise, following receipt of its site visit report.						
	CER	Indigenous Relations Matters	NGTL will continue to work with Onion Lake Cree Nation and respond to any questions or concerns regarding the Project, should any arise, following receipt of its site visit report.	Response to CER IR No. 1	C04311	Complete	Pre-Construction	Indigenous Relations Engagement Lead	Site visit was completed on August 13, 2019.
	CER	Environmental Matters	NGTL will implement the mitigation measures described in Section 8.1 of the Environmental Protection Plans to reduce the likelihood of introduction or potential spread of clubroot spores. NGTL will follow the Environmental Protection Plans and ensure that all equipment including mats, are thoroughly cleaned to remove all soil and vegetative debris and sanitized by misting with a weak disinfectant solution (i.e., 1-2% bleach), prior to its arrival on the project, unless otherwise directed by the Environmental Inspector(s) or designate(s).	Response to CER IR No. 1	C04311	Ongoing	Pre-Construction and Construction	Environmental Planner(s)	
	CER	Environmental Matters	Water will be withdrawn from a natural waterbody (Lake [Pinsky Pond]). Water withdrawal activities will be undertaken as per the <i>Alberta Code of Practice for the Temporary Diversion of Water for Hydrostatic Testing of Pipelines</i> and as per conditions of the Temporary Diversion License issued by AEP for the Project.	Response to CER IR No. 1	C04311	Complete	Construction	Project Manager(s) Construction Manager(s) Environmental Planner(s)	
<i>Response to CER Information Request No. 2</i>									
	CER	Indigenous Relations Matters Environmental Matters	In the event of an unanticipated find during construction, NGTL will implement the <i>Cultural Resources Discovery Contingency Plan</i> , which includes notifying Cold Lake First Nations of the discovery and reviewing and discussing the planned mitigation strategy.	Response to CER IR No. 2	C05718	Complete	Construction	Construction Manager(s) Indigenous Relations Engagement Lead	
	CER	Indigenous Relations	NGTL will continue to engage Cold Lake First Nations throughout the lifecycle of the Project and any further input or issues identified during construction will be considered in the context of PCM activities.	Response to CER IR No. 2	C05718	Ongoing	Pre-Construction through Operations	Indigenous Relations Engagement Lead	NGTL has involved CLFN in <u>post-construction monitoring of the Project as outlined in the Condition 13: Post-Construction Monitoring Plan for CLFN (CER Filing ID: C14324-1)</u> . NGTL will continue to engage CLFN with respect to the results of their post-construction monitoring activities to discuss and address identified questions, concerns and/or recommendations and incorporate into NGTL's post-construction environmental monitoring reports in accordance with Condition 14.
	CER	Construction Matters	NGTL will develop a Project-specific environmental orientation, which will include a cultural awareness	Response to CER IR No. 2	C05718	Complete	Pre-Construction and Construction	Project Manager(s) Construction Manager(s)	The Project-specific environmental orientation was developed and

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		Indigenous Relations Matters Environmental Matters.	component. The construction orientation is anticipated to be delivered via in-person training sessions and through the use of materials such as presentations, video and booklets. The Prime Contractor will keep a log of all personnel who have received the construction orientation.					Indigenous Relations Technical Lead	delivered to all Personnel working on the Project.
<i>Condition 8: Watercourse Construction Monitoring Plan for Cold Lake First Nations</i>									
	CER	Indigenous Relations Matters Environmental Matters	NGTL will execute the Watercourse Construction Monitoring Plan for Cold Lake First Nations during Project construction activities at the Beaver River.	Condition 8: Watercourse Construction Monitoring Plan for Cold Lake First Nations	C08518	Complete	Construction	Project Manager(s) Construction Manager(s) Indigenous Relations ACPP Lead	CLFN's involvement in monitoring construction activities at the Beaver River are complete.
	Cold Lake First Nations	Indigenous Relations Matters Environmental Matters	NGTL will send Cold Lake First Nations a copy of the environmental orientation for review and comment.	Condition 8: Watercourse Construction Monitoring Plan for Cold Lake First Nations	C08518	Complete	Pre-Construction	Indigenous Relations Engagement Lead	Environmental orientation sent to CLFN on September 28, 2020.