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Filed Electronically

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

**Attention: Ms. Ramona Sladic, Secretary of the Commission**

Dear Ms. Sladic:

**Re: NOVA Gas Transmission Ltd. (NGTL)  
North Corridor Expansion Project (Project)  
Certificate GC-131 and Order XG-021-2020, as amended  
Certificate Condition 13 and Order Condition 16 (collectively, the Conditions)  
Commitment Tracking Table No. 6  
File No.: OF-Fac-Gas- N081-2019-02 02**

In accordance with the Conditions,<sup>1</sup> NGTL encloses the Commitment Tracking Table No. 6 for the Project. For ease of reference, modifications to the Commitment Tracking Table have been made in blackline.

Pursuant to part (b) of the Conditions, NGTL has also posted the Commitments Tracking Table on TC Energy's external Project webpage at [www.tcenergy.com/operations/natural-gas/north-corridor-expansion-project/](http://www.tcenergy.com/operations/natural-gas/north-corridor-expansion-project/)

Should the Canada Energy Regulator require additional information, please contact me by phone at (403) 920-2940 or by email at [nicole\\_prince@tcenergy.com](mailto:nicole_prince@tcenergy.com).

Yours truly,  
**NOVA Gas Transmission Ltd.**

***Original signed by***

Nicole Prince  
Regulatory Project Manager  
Regulatory Facilities, Canadian Natural Gas Pipelines

Enclosure

cc: Kevin Hill, Canada Energy Regulator

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<sup>1</sup> CER Filing IDs: C12987-3 and C13768-5, respectively.

Commitment Number	Commitment To	Category	Description of Commitment	Source	Document References (Filing ID)	Status	Project Phase	Comments	Accountability
<b>GH-002-2019 Proceeding</b>									
1	National Energy Board (NEB)/ Canada Energy Regulator (CER)	Design Matters	The Project will be designed, constructed and operated in accordance with the requirements of the <i>National Energy Board Onshore Pipeline Regulations</i> (OPR) and Canadian Standards Association (CSA) Z662-15. If there are any inconsistencies between the OPR and CSA Z662-15, the OPR will govern.	Application Section 1.4 and 9.3	A98641-1	Planned	All Project Phases	As identified in Additional Written Evidence (AWE) Section 3.2, NGTL confirms that the Project design and construction phases will comply with CSA Z662-19.	Program Manager
2	NEB/CER	Design Matters	The Project will be designed, constructed and operated in accordance with CSA Z662-15, the OPRs and TC Energy specifications and standards listed in Table 7-3 and 9.3. All TC Energy specifications comply with the OPR and industry codes and standards.	Application Section 7.2, 9.3 and 10.1	A98641-1	Planned	All Project Phases	As identified in AWE Section 3.2, NGTL confirms that the Project design and construction phases will comply with CSA Z662-19.	Program Manager
3	NEB/CER	Design Matters	TC Energy will provide technical oversight for pipeline engineering and technical activities and will also ensure coordination with prime contractors and other third-party engineering consultants to ensure that TC Energy's engineering specifications and project requirements are met.	Application Section 7.2.3	A98641-1	Planned	Construction		Program Manager
4	NEB/CER	Design Matters	All purchased items and contracted services will be obtained from suppliers and contractors of assessed capabilities who have been pre-qualified in accordance with TC Energy internal supplier management and pre-qualification procedures or have been pre-qualified by a prime contractor to TC Energy.	Application Section 7.2.3	A98641-1	Planned	Pre-Construction		Program Manager
5	NEB/CER	Construction Matters	During construction, each prime contractor will be responsible for ensuring the work performed is in accordance with contract documents, Project design, applicable standards, specifications and procedures, and the Project-specific quality plan. TC Energy inspectors will monitor all construction activities to ensure compliance.	Application Section 7.2.3	A98324-1	Planned	Construction		Construction Management
6	NEB/CER	Engineering Matters	Design changes during construction will be managed in accordance with the appropriate change management procedures and in accordance with TC Energy's standard engineering practices.	Application Section 7.2.3	A98641-1	Planned	Construction		Program Manager
7	NEB/CER	Engineering Matters	Supplier surveillance will be in accordance with the approved quality plan and Inspection and Test Plan (ITP), which defines the levels of inspection required based on the criticality of materials/equipment purchased. The quality plan/ITP will define the applicable material/equipment specification surveillance checklists to be used for surveillance activities. Before purchase order execution, NGTL will identify the preferred inspection agency, and as necessary, the qualified company representative to conduct the inspection.	Application Section 7.2.3	A98641-1	Planned	Construction		Program Manager
8	NEB/CER	Operational Matters	The composition of the natural gas to be transported by the Project will meet the NGTL Tariff.	Application Section 7.3	A98641-1	Planned	Operations		Operations

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9	NEB/CER	Construction Matters	The proposed pipeline sections will generally have a minimum depth of cover of 0.9 m. Depth of cover will vary in the following circumstances: <ul style="list-style-type: none"> <li>agricultural lands will have a minimum depth of cover of 1.2 m</li> <li>valve site locations will have a minimum depth of cover of 1.1 m</li> <li>road crossings will have a minimum depth of cover of 1.5 m</li> <li>buried utility and foreign pipeline crossings, above or below the pipeline, will have a minimum clearance of 0.3 m</li> <li>the minimum depth of cover for pipeline crossings of watercourses with defined beds and banks will be 1.8 m. Increased depth of cover might be required at locations where there is a potential for scouring of the watercourse bed. The requirement for increased depth of cover will be evaluated as engineering design and construction planning progresses.</li> </ul>	Application Section 7.4.2	A98641-1	Planned	Construction		Construction Management
10	NEB/CER	Engineering Matters	The primary coating for the external surface of the below ground pipe will be fusion-bonded epoxy. Field girth welds will be protected with a liquid applied coating.	Application Section 7.5.1	A98641-1	Planned	Construction		Project Engineering
11	NEB/CER	Construction Matters	An additional mechanical protection system, such as sand padding or rock shield, will be used if large and/or angular backfill material is encountered.	Application Section 7.5.1	A98641-1	Planned	Construction		Program Manager
12	NEB/CER	Engineering Matters	Abrasion-resistant coating will be used where pipe is installed using boring, horizontal direction drill (HDD) or other methods that could cause abrasion to the coating during installation.	Application Section 7.5.1	A98641-1	Planned	Construction		Project Engineering
13	NEB/CER	Engineering Matters	Below-ground assembly piping will be protected with a liquid applied coating. Above-ground piping will be primed and painted.	Application Section 7.5.1	A98641-1	Planned	Construction		Project Engineering
14	NEB/CER	Engineering Matters	In addition to the pipe coating, cathodic protection (CP) will be provided through impressed current CP systems, which may consist of existing CP systems as well as new CP systems if required, and will include groundbeds and rectifiers as determined during detailed design.	Application Section 7.5.2	A98641-1	Planned	Construction		Project Engineering
15	NEB/CER	Engineering Matters	CP test points will be installed, where required, along the pipeline and at road, foreign pipeline and utility crossings.	Application Section 7.5.2	A98641-1	Planned	Construction		Project Engineering
16	NEB/CER	Engineering Matters	NGTL will install launchers and receivers on the pipeline sections, for the purposes of in-line inspection (ILI), during construction.	Application Section 7.5.3	A98641-1	Planned	Construction		Project Engineering
17	NEB/CER	Engineering Matters	The pressure control and overpressure protection design of the Project will comply with the requirements of the OPR and CSA Z662-15.	Application Section 7.5.4	A98641-1	Planned	Pre-Construction	As identified in AWE Section 3.2, NGTL confirms that the Project design and construction phases will comply with CSA Z662-19.	Project Engineering

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18	NEB/CER	Engineering Matters	Specific threat management measures to be employed on the Project include the following: <ul style="list-style-type: none"> <li>installing launcher and receiver facilities to allow ILI of the pipeline. A high-resolution commissioning caliper tool will be used during Project pre-commissioning to inspect for construction related defects and indications of dents or ovalities in the pipeline.</li> <li>conducting above ground CP surveys to identify areas of pipe coating damage.</li> <li>performing baseline ILI using magnetic flux leakage and high-resolution caliper tool as per TED-INT-LR Launcher and Receiver Installation and Initial Assessment Technical Directive. Thereafter, the pipeline will be managed according to the Integrity Management Plan (IMP).</li> </ul>	Application Section 7.5.5	A98641-1	Planned	<ul style="list-style-type: none"> <li>Construction</li> <li>Operations</li> </ul>		Project Engineering
19	NEB/CER	Engineering Matters	A desktop terrain mapping and geohazard assessment will be conducted along the alignment of each of the pipeline sections.	Application Section 7.6	A98641-1	Completed	Pre-Construction		Project Engineering
20	NEB/CER	Engineering Matters	Mitigation measures will be implemented in organic terrain locations that pose risk to the pipeline sections.	Application Section 7.6.2	A98641-1	Planned	Construction		Project Engineering
21	NEB/CER	Construction Matters	Pipeline construction activities will progress in a manner that will avoid applicable wildlife timing restrictions, where feasible. Where wildlife timing restrictions cannot be avoided, NGTL will work with the appropriate agencies to develop mitigation.	Application Section 8.2	A98641-1	Planned	<ul style="list-style-type: none"> <li>Pre-Construction</li> <li>Construction</li> </ul>		Program Manager
22	NEB/CER	Construction Matters	The pipeline right-of-way (ROW) will be assessed during spring/summer following construction to evaluate reclamation requirements.	Application Section 8.2	A98641-1	Planned	Construction		Environmental Planning and Permitting
23	NEB/CER	Construction Matters	Construction access will maximize the use of existing public roads as well as privately owned and maintained all-season and seasonal industry roads.	Application Section 8.4	A98641-1	Planned	Construction		Construction Management
24	NEB/CER	Construction Matters	NGTL will develop a Safety Management Plan that provides details on the roles and responsibilities of the project/construction management teams and other, relevant safety information associated with the Project.	Application Section 8.6 and 9.5.4	A98641-1	Ongoing	Pre-Construction		Program Manager
25	NEB/CER	Construction Matters	Where required, NGTL, in coordination with the prime contractor, will obtain safe work permits and complete an incident report consistent with the OPR.	Application Section 8.6	A98641-1	Planned	Construction		Construction Management
26	NEB/CER	Construction Matters	NGTL will consult with regional emergency response agencies to ensure that appropriate communications, understanding and cooperation are in place for the Project during construction.	Application Section 8.6.1	A98641-1	Planned	Pre-Construction		Construction Management
27	NEB/CER	Construction Matters	The joining program and non-destructive examination (NDE) of welds will comply with the requirements of the OPR and CSA Z662-15.	Application Section 8.8.2	A98641-1	Planned	Construction	As identified in AWE Section 3.2, NGTL confirms that the Project design and construction phases will comply with CSA Z662-19.	Project Engineering
28	NEB/CER	Construction Matters	NGTL will hire an independent third-party to conduct the NDE on all welds required for the Project.	Application Section 8.8.2	A98641-1	Planned	Pre-Construction		Construction Management

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29	NEB/CER	Construction Matters	An open cut crossing method will be used for the Notikewin River crossing.	Application Section 8.8.4.2	A98641-1	Planned	Construction		Construction Management
30	NEB/CER	Construction Matters	<p>Based on NGTL's crossing selection process for the Project, the Loon River crossing will be constructed using a trenchless method. Highway 88 will also be crossed during the same trenchless crossing as the Loon River.</p> <p>In the event that the contingency crossing method is required for the Loon River, NGTL would implement the appropriate mitigation measures, including those outlined in the Environmental and Socio-Economic (ESA) and Project-specific Environmental Protection Plan(s) (EPPs), including:</p> <ul style="list-style-type: none"> <li>The company will obtain and follow all applicable federal and provincial approvals prior to the commencement of construction and in-stream activities.</li> <li>Install warning signs along the banks both upstream and downstream of the crossing to caution users of a navigational hazard, where appropriate</li> <li>Ensure maintenance of downstream flow at all times when constructing an isolated crossing.</li> </ul> <p>Post signs at watercourses immediately following clearing (include name, number and kilometer post). Signs will be posted 100 m from the watercourse or at the top of the valley slope, whichever is greater, to alert the Contractor of the upcoming watercourse.</p>	Application Section 8.8.4.3 and NGTL Response to CER 1.8	<ul style="list-style-type: none"> <li>A98641-1</li> <li>C01545</li> </ul>	Planned	Construction	Requirement under Certificate Condition 21 (Commitment 120)	Construction Management
31	NEB/CER	Construction Matters	Water for hydrostatic testing will be drawn from permitted sources and, after use, will be disposed of along the pipeline section ROWs in accordance with the applicable regulatory requirements.	Application Section 8.8.5	A98641-1	Planned	Construction		Construction Management
32	NEB/CER	Construction Matters	Any hydrostatic test medium other than water will be disposed of in accordance with applicable regulations.	Application Section 8.8.5	A98641-1	Planned	Construction		Program Manager
33	NEB/CER	Construction Matters	Watercourse crossings will be reclaimed in accordance with all applicable regulatory requirements.	Application Section 8.8.6	A98641-1	Planned	Post-Construction		Environmental Permitting and Planning
34	NEB/CER	Construction Matters	All pipe, fittings and valves for the tie-ins of the pipeline sections will be prefabricated. All pipe, tees and valves will be hydrotested in the shop with the testing witnessed by a TC Energy representative before installation. All crossover valves will remain closed until leave to open is granted for the applicable Section.	Application Section 8.9.4	A98641-1	Planned	Construction		Project Engineering
35	NEB/CER	Construction Matters	NGTL confirms the shop tests for the tie-in assemblies will comply with the required time duration and pressure testing requirements of CSA Z662-15.	Application Section 8.9.4	A98641-1	Planned	Construction	As identified in AWE Section 3.2, NGTL confirms that the Project design and construction phases will comply with CSA Z662-19.	Project Engineering
36	NEB/CER	Engineering Matters	NGTL will review each prime contractor's Site-Specific Safety Plan before construction to ensure compliance with TC Energy and regulatory requirements.	Application Section 9.5.4	A92619	Ongoing	Pre-Construction		<ul style="list-style-type: none"> <li>Program Manager</li> </ul>

Commitment Number	Commitment To	Category	Description of Commitment	Source	Document References (Filing ID)	Status	Project Phase	Comments	Accountability
									<ul style="list-style-type: none"> <li>Safety Representative</li> <li>Construction Management</li> </ul>
37	NEB/CER	Engineering Matters	For all high-pressure gas piping designed to CSA Z662-15, NGTL will use 100% NDE coverage.	Application Section 9.5.12	A98641-1	Planned	Pre-Construction	As identified in AWE Section 3.2, NGTL confirms that the Project design and construction phases will comply with CSA Z662-19.	Project Engineering
38	NEB/CER	Engineering Matters	NGTL will hydrostatically pressure test all high-pressure natural gas components of the installed facilities (including the yard piping) in accordance with the requirements of section 8 of CSA Z662-15 before placing them in-service.	Application Section 9.5.12	A98641-1	Planned	Construction	As identified in AWE Section 3.2, NGTL confirms that the Project design and construction phases will comply with CSA Z662-19.	Project Engineering
39	NEB/CER	Engineering Matters	The prime contractor for the Hidden Lake North Unit Addition will prepare a field Emergency Response Plan (ERP) that will be reviewed by NGTL and will be implemented in the event of an emergency during construction.	Application Section 9.9	A98641-1	Ongoing	Pre-construction	Requirement under Order Condition 15 (Commitment 151).	<ul style="list-style-type: none"> <li>Program Manager</li> <li>TC Energy Emergency Response Representative</li> </ul>
40	NEB/CER	Integrity Management	NGTL will implement TC Energy's comprehensive IMP to monitor and ensure the integrity of the Project	Application Section 10.1.7	A98641-1	Planned	Construction		Operations
41	NEB/CER	Aboriginal Engagement Matters	NGTL will also provide notice to each potentially affected Aboriginal group of the filing of this Application within 72 hours, in accordance with the guidance provided in the NEB Filing Manual.	Application Section 13.3.1	A98641-1	Complete	Pre-Construction	Notifications of the filing of the Application were sent to the potentially affected Aboriginal communities on April 5, 2019.	Indigenous Relations
42	NEB/CER	Environmental Matters	NGTL will adopt all of TC Energy's plans and policies for the purpose of the Project, and will adopt the mitigation identified in the ESA and EPPs appended to the ESA.	Application Section 14.12	A98641-1	Ongoing	All Project Phases		Environmental Permitting and Planning
43	NEB/CER	Engineering Matters	NGTL confirms that the Project design and construction phases will comply with CSA Z662-19.	<ul style="list-style-type: none"> <li>AWE Section 3.2</li> <li>NGTL Response to CER 1.1</li> </ul>	<ul style="list-style-type: none"> <li>C01488</li> <li>C01545</li> </ul>	Ongoing	<ul style="list-style-type: none"> <li>Pre-Construction</li> <li>Construction</li> </ul>		Program Manager
44	NEB/CER	Engineering Matters	Results of the terrain, geotechnical and hydrotechnical studies and details of any appropriate preliminary mitigation measures will be provided to the CER in Q1 2020.	AWE Section 3.4	C01488	Ongoing	Pre-Construction	<ul style="list-style-type: none"> <li>NGTL provided a summary of results of the Phase I Geologic Hazard Assessment as part of its Project Update, March 31, 2020 (C05537).</li> <li>NGTL will submit updated Terrain, Geotechnical and Hydrotechnical Assessments under the requirement of Certificate Condition 16 (Commitment 115)</li> </ul>	Program Manager
45	NEB/CER	Land Matters	Throughout the regulatory process and construction phase, NGTL will continue to consult with landowners and occupants to identify and address questions and concerns, should they arise.	AWE, Section 5.3	C01488	Ongoing	All Project Phases		Land Representative
46	NEB/CER	Engineering Matters	NGTL will provide the plans to the CER, for the contingency method before the start of HDD activities at the Loon River crossing	NGTL Response to CER 1.5	C01545	Planned	Pre-Construction	Requirement under Certificate Condition 17 (Commitment 116)	Program Manager
47	NEB/CER	Construction Matters	NGTL will continue to address questions and concerns from potentially affected stakeholders, landowners and	NGTL Response to CER 1.7 and 4.4	<ul style="list-style-type: none"> <li>C01545</li> <li>C05367</li> </ul>	Ongoing	Pre-Construction		<ul style="list-style-type: none"> <li>Program Manager</li> </ul>

Commitment Number	Commitment To	Category	Description of Commitment	Source	Document References (Filing ID)	Status	Project Phase	Comments	Accountability
			Aboriginal groups regarding the potential or final locations of proposed camp locations through its ongoing engagement efforts. In the event additional mitigation measures are identified as a result of ongoing engagement, they will be included in the updated EPPs prior to construction.						<ul style="list-style-type: none"> <li>Environmental Permitting and Planning</li> <li>Land Representative</li> <li>Indigenous Relations</li> </ul>
48	NEB/CER	<ul style="list-style-type: none"> <li>Construction Matters</li> <li>Socio-Economic Matters</li> </ul>	NGTL will ensure that safe passage around the trenched crossing of the Notikewin River is effectively facilitated and that site-specific mitigation addressing signage and safe passage requirements will be added to Table 1 of the North Central Corridor (NCC) Loop (North Star Section 2) EPP prior to construction. In addition, as per the Project-specific EPP and specified in the responses to parts b) and c), warning signs will be installed along the banks both upstream and downstream of the crossing to caution users of a navigational hazard.	NGTL Response to CER 1.8	C01545	In Progress	Construction		<ul style="list-style-type: none"> <li>Construction Management</li> <li>Environment Permitting and Planning</li> </ul>
49	NEB/CER	Environmental Matters	NGTL confirms an updated EPP, including updated environmental alignment sheets, that includes all commitments made through the CER hearing process and ongoing engagement with Aboriginal communities and other stakeholders will be filed with the CER prior to construction.	NGTL Response to CER 1.20	C01545	Ongoing	Pre-Construction	Required under Certificate Condition 12 and Order Condition 13 (Commitment 111 and 149)	Environment Planning and Permitting
50	NEB/CER	Environmental Matters	NGTL will continue to engage with Alberta Environment and Parks (AEP), the responsible provincial regulatory agency for administration of the <i>Water Act</i> and Alberta Wetland Policy, and as noted in part b) above, will apply to AEP for any necessary approvals under the <i>Water Act</i> or notifications under the associated Codes of Practice.	NGTL Response to CER 1.21	C01545	Ongoing	All Project Phases		Environmental Permitting and Planning
51	NEB/CER	Environmental Matters	NGTL will continue to consult with AEP on the planned Notikewin River crossing, and any other watercourse crossing issues that may be identified relating to the Project.	NGTL Response to CER 1.22	C01545	Ongoing	Pre-Construction		Environment Planning and Permitting
52	NEB/CER	Environmental Matters	In the event that construction-related issues persist NGTL will apply adaptive management measures and continue monitoring until measures are considered to be effective and the issue resolved.	NGTL Response to CER 1.25	C01545	Planned	All Project Phases		<ul style="list-style-type: none"> <li>Construction Management</li> <li>Environment Permitting and Planning</li> </ul>
53	NEB/CER	Environmental Matters	NGTL will consult with AEP to determine if additional mitigation measures beyond those contained in the EPPs are warranted.	NGTL Response to CER 2.13	C02984	Ongoing	All Project Phases	NGTL met with AEP June 29, 2021 and December 16, 2021 to provide a project update and upcoming status of construction progress.	Environment Planning and Permitting
54	NEB/CER	Environmental Matters	NGTL will endeavor to complete construction as safely and efficiently as feasible to complete work outside of the timing restriction for Key Wildlife Biodiversity Zone. NGTL will provide AEP with construction updates and consult with AEP if activities extend into the timing restriction AEP to determine if additional mitigation	NGTL Response to CER 2.13	C02984	Planned	Construction		<ul style="list-style-type: none"> <li>Construction Management</li> <li>Environment Permitting and Planning</li> </ul>

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			measures beyond those contained in the EPPs are warranted.						
55	NEB/CER	Environmental Matters	NGTL confirms that mitigations will be applied for locations identified as having listed weed infestations, according to applicable regulatory requirements as stated in the EPPs.	NGTL Response to CER 2.14	C02984	Planned	All Project Phases		<ul style="list-style-type: none"> <li>Construction Management</li> <li>Environment Permitting and Planning</li> </ul>
56	NEB/CER	Environmental Matters	The Project's IOV calculations provided in Table 4-1 of the Caribou Habitat Restoration & Offset Measures Plan (CHR&OMP) followed the methodology that is described in Section 4.3 of Annex A of the CHR&OMP. NGTL will implement habitat restoration in areas where the Project construction footprint (PCF) overlaps existing permanent disturbances.	NGTL Response to 1.13 - Attachment CER 1.13-1 and CER 3.7.	<ul style="list-style-type: none"> <li>C01545</li> <li>C04972</li> </ul>	Planned	Post-Construction		Environment Planning and Permitting
57	NEB/CER.	Socio-Economic Matters	NGTL contributes to the development of the construction orientation and will ensure the requisite cultural sensitivity component, including cultural awareness is included so that all personnel working on the Project reasonably establish a functional level of awareness and sensitivity about Aboriginal culture, history and traditional land use.	NGTL Response to CER 3.2, 4.1 and 4.3	<ul style="list-style-type: none"> <li>C04972</li> <li>C05367</li> </ul>	In Progress	Pre-Construction	Aboriginal awareness construction orientation materials have been developed and will be provided to Prime contractors.	<ul style="list-style-type: none"> <li>Environment Planning and Permitting</li> <li>Indigenous Relations</li> </ul>
	NEB/CER	Aboriginal Engagement Matters	NGTL does not have knowledge of the incidents DTFN described in its Oral Indigenous Knowledge session of disturbance to community members' cabins, camps and associated supplies; however, as noted in response to CER 4.5, NGTL will incorporate this example into the construction orientation, as input provided by Aboriginal groups of potential TLRU sites that could be encountered during construction.	NGTL Response to CER 4.5 and 4.7	C05367-1	Complete	Pre-Construction	Construction orientation for the Hidden Lake North Compressor Station Unit Addition is in the process of being delivered and the DTFN example has been incorporated. The DTFN example has also been incorporated into the orientations developed for the pipeline sections.	Indigenous Relations
58	NEB/CER	Socio-Economic Matters	In the event, that NGTL or its contractors or subcontractors encounter circumstances where the use of firearms either on active construction sites or in the vicinity of the Project at any stage either endangers or disregards the safety of any person working on the Project, NGTL will proportionally and temporarily cease affected work activities as required, and further report such instances to law enforcement, if appropriate.	NGTL response to CER 4.1	C05367	In Progress	All Project Phases		Construction Management
59	Potentially affected Aboriginal communities	<ul style="list-style-type: none"> <li>Aboriginal Engagement Matters</li> <li>Socio-Economic Matters</li> </ul>	NGTL is committed to supporting local Aboriginal groups by providing contracting and employment opportunities to qualified Aboriginal and local businesses and individuals. NGTL is willing to meet with any Aboriginal group expressing an interest in potential contracting, employment, and training opportunities, where NGTL can discuss its contracting process and develop an understanding of the Aboriginal group's capacities	<ul style="list-style-type: none"> <li>NGTL response CER 4.3</li> <li>NGTL response to LBT 2.6</li> <li>Reply Evidence Section 2.10.5, Appendix 2-5, and Appendix 2-6</li> </ul>	<ul style="list-style-type: none"> <li>C05367</li> <li>C02981-7</li> <li>C05684</li> </ul>	Ongoing	All Project Phases	Meetings have and continue to occur with Aboriginal groups and information has been shared with groups that have expressed interest.	Indigenous Relations Business Engagement
60	Potentially affected	Aboriginal Engagement Matters	NGTL will provide Aboriginal groups with the proposed construction schedule and maps prior to the start of	Reply Evidence, Appendix 2-6	C05684	Ongoing	All Project Phases	On August 26, 2021, NGTL provided Aboriginal groups the construction schedule for the Hidden Lake North Compressor Station Unit Addition	Indigenous Relations



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	Aboriginal communities		construction to avoid potential conflicts between construction crews and traditional users.					component of the Project, and associated section 58 activities (Hidden Lake North Unit Addition).	
61	Beaver First Nation (BFN)	Aboriginal Engagement Matters	On April 22, 2019, NGTL received BFN's final Traditional Knowledge (TK) report for the Project. On April 23, 2019, NGTL emailed BFN to confirm receipt of the final TK report and stated that NGTL would review the report and provide a response to BFN.	AWE Section 7.2.2	C01488	Complete	Project Planning	NGTL reviewed the report and provided a response to BFN on July 31, 2019 with an offer to meet.	Indigenous Relations
62	BFN	Environment Matters	NGTL will verify the location and proximity of the spring to the PCF which was identified on the east end of NCC Loop (Red Earth Section 3) and will evaluate if any necessary site-specific routing and/or mitigation considerations need to be implemented prior to or during construction. Any necessary site-specific mitigation measures will be included in the EPP filed prior to construction.	AWE Appendix 8-1	C01488	Complete	Pre-Construction	NGTL met with BFN on December 8, 2020, discussed the spring of concern and explained the measures currently in the EPP to mitigate impacts to springs during construction. BFN accepted NGTL's proposed measures, therefore no field verification or additional site-specific measures are required in the EPP.	Environmental Permitting and Planning
63	Bigstone Cree Nation (BCN)	Aboriginal Engagement Matters	On March 1, 2021, NGTL emailed BCN confirming receipt of their final TK Report for the Project. NGTL confirmed that the findings of BCN's TK report would be reviewed in the context of the Project's ESA and considered for incorporation into Project planning, as appropriate.	Certificate and Order, Condition 4 Section 2.2	C14197	Complete	Project Planning	NGTL reviewed the report in the context of the ESA and provided a response to BCN on April 5, 2021 with an offer to meet.	Indigenous Relations
64	Cadotte Lake Métis Local 1994 (CLM)	Aboriginal Engagement Matters	Final Report received March 14, 2019 for NCC Loop (North Star Section 2), NCC Loop (Red Earth Section 3) and Hidden Lake North Compressor Station Unit Addition. NGTL reviewed the report and will provide a response to CLM.	AWE Table 7-2	C01488	Complete	Project Planning	NGTL reviewed the report and provided a response to CLM on August 23, 2019 with an offer to meet.	Indigenous Relations
65	<ul style="list-style-type: none"> <li>CLM</li> <li>Doig River First Nation (DRFN)</li> </ul>	Environment Matters	NGTL will implement the CHR&OMP, which was developed for the Project and reflects ongoing consultation with the appropriate provincial agencies and Environment and Climate Change Canada (ECCC) (ESA Appendix 10). NGTL will continue to consider relevant input provided by Aboriginal groups, during ongoing engagement for the Project throughout the finalization of the Caribou Habitat Implementation Plan and the CHR&OMP for the Project. The CHR&OMP will be available for review on the NEB website as part of the Project Application.	AWE Appendix 8-2 and Appendix 8-3 Reply Evidence Section 2.6	C01488	In Progress	All Project Phases	NGTL submitted a Preliminary CHR&OMP on September 9, 2019 (CER Filing ID: C01545). NGTL will submit a revised CHR&OMP as required under Certificate Condition 37 (Commitment No. 136). NGTL's commitment to continue considering relevant input provided by Aboriginal groups in finalizing a Caribou Habitat Implementation Plan has been adapted to account for and reflect Certificate Condition 30: Caribou Habitat Restoration Implementation Report and Status Update and Certificate Condition 31: Caribou Habitat Offset Measures Implementation Report. For clarity, NGTL will continue to consider relevant input provided by Aboriginal groups during ongoing engagement for the Project and the development of filings in support of these conditions. NGTL submitted a Revised CHR&OMP on November 8, 2021 (CER Filing ID: C16025). Input from Aboriginal groups was incorporated throughout the Revised CHR&OMP and feedback received was summarized in Appendix B.	Environmental Permitting and Planning

Commitment Number	Commitment To	Category	Description of Commitment	Source	Document References (Filing ID)	Status	Project Phase	Comments	Accountability
66	DCN	Environmental Matters	NGTL will develop a water quality monitoring plan to monitor for sediment events during instream construction activities, where required by the applicable regulatory approvals or as identified by an Aquatic Resource Specialist. If monitoring reveals sediment values are approaching threshold values, the water quality monitors will alert the Environmental Inspector(s) or designate(s) and work with them to develop corrective actions.	NGTL response to DCN 2.2	C02981-4	Planned	Construction		Environmental Permitting and Planning
67	Duncan's First Nation (DFN)	Aboriginal Engagement Matters	On December 6, 2019, NGTL received an email from DFN with the final TK Report for the Project attached. On the same day NGTL received a telephone call from DFN regarding the TK Report for the Project sent earlier that day. NGTL explained that the report will be reviewed within the context of the ESA and proposed mitigation will be provided to DFN for review.	NGTL response to CER 3.4	C14253	Complete	Project Planning	NGTL reviewed the report within the context of the ESA and provided a to DFN response on February 12, 2020 and an offer to meet.	Indigenous Relations
68	DFN	Aboriginal Engagement Matters	In response to the proposed mitigations that NGTL provided to DFN in response to their TK Report, DFN was of the view that further discussion was required regarding their concerns. NGTL committed to following up with DFN regarding a meeting to discuss their concerns.	Reply Evidence 2.1.3	C05684	Complete	Pre-Construction	<ul style="list-style-type: none"> <li>On February 12, 2020, NGTL emailed DFN and offered to meet.</li> <li>On February 14, 2020, NGTL telephone DFN and offered to meet.</li> <li>On March 18, 2020, NGTL emailed DFN and offered to meet.</li> </ul>	Indigenous Relations
69	DRFN	Aboriginal Engagement Matters	Final Report received April 5, 2019 for Bear Canyon North Extension and Hidden Lake North Unit Addition. NGTL reviewed the report and will provide a response to DRFN.	AWE Table 7-2	C01488	Complete	Project Planning	NGTL reviewed the report and provided a response to DRFN on August 20, 2019 with an offer to meet.	Indigenous Relations
70	DRFN	Environmental Matters	NGTL is committed to continue discussions regarding DRFN's concerns about chemical applications, including potentially alternative measures.	AWE, Appendix 8-5	C01488	Complete	All Project Phases	NGTL met with DRFN on April 16, 2021 to discuss NGTL's typical chemical application. NGTL also provided an updated response and mitigation table with the commitment to provide DRFN chemical application logs during operations.	<ul style="list-style-type: none"> <li>Indigenous Relations</li> <li>Environmental Permitting and Planning</li> </ul>
71	Dene Tha' First Nation (DTFN)	Aboriginal Engagement Matters	On November 14, 2019, NGTL received an email from DTFN with the final TK Report for the Project attached. On the same day NGTL confirmed receipt of the TK Report and advised that proposed mitigations would be developed and sent to DTFN for review.	NGTL response to CER 3.4	C04972	Complete	Project Planning	NGTL reviewed the report and provided a response to DTFN on December 6, 2019 and an offer to meet.	Indigenous Relations
72	DTFN	Aboriginal Engagement Matters	In response to the proposed mitigations that NGTL provided to DTFN in response to their TK Report, DTFN was of the view that further discussion was required regarding their concerns. NGTL committed to following up with DTFN regarding a meeting to discuss their concerns.	Reply Evidence 2.1.2	C05684	Complete	Pre-Construction	On April 29, 2020, NGTL met with DTFN to discuss the mitigation table in response to their TK Report.	Indigenous Relations
73	DTFN	Aboriginal Engagement Matters	NGTL is committed to working with DTFN in the planning and implementation of caribou habitat restoration, offsetting and monitoring of the Project. Information provided in DTFN's TK report will also help to inform implementation of the restoration and offset measures.	NGTL response to CER 3.4, Additional TK Report	C04972	Ongoing	<ul style="list-style-type: none"> <li>Post-Construction</li> <li>Operations</li> </ul>	<ul style="list-style-type: none"> <li>On February 25, 2021, NGTL met with DTFN to discuss caribou program updates and caribou-related concerns.</li> <li>On March 25, 2021, NGTL met with DTFN to discuss opportunities for collaboration and participation and caribou-related concerns.</li> </ul>	Environmental Planning and Permitting

Commitment Number	Commitment To	Category	Description of Commitment	Source	Document References (Filing ID)	Status	Project Phase	Comments	Accountability
								<ul style="list-style-type: none"> <li>On April 28, 2021, DTFN presented to NGTL on DTFN-led caribou initiatives and programs.</li> </ul>	
74	DTFN	Environmental Matters	NGTL will initiate construction of the Hidden Lake North Compressor Station Unit Addition in the Chinchaga caribou range prior to the onset of the February 15 to July 15 timing window for caribou.	NGTL response to DTFN 1.3.22	C02981-3	Planned	Construction	Required under Order Condition 14 (Commitment 150)	Construction Management
75	DTFN	Environmental Matters	Where practical and feasible, effort is made to schedule post-construction monitoring (PCM), as well as monitoring of access and caribou restoration measures outside of the caribou restricted activity period (15 February to 15 July). For consistency in data collection, it is preferable to complete field surveys and/or overflights at the same time each monitoring year. This allows more precise and consistent data to be collected (e.g., percent cover, vigour). NGTL will try to combine PCM and monitoring of caribou habitat restoration measures to reduce the number of trips.	NGTL response to DTFN 1.3.26	C02981-3	Planned	Post-Construction		Environmental Permitting and Planning
76	East Prairie Métis Settlement (EPMS)	Aboriginal Engagement Matters	NGTL is currently awaiting TK report. Upon receipt, NGTL will review the results and provide a response to EPMS.	Certificate and Order Condition 7 Table 1	C13989	Planned	Project Planning		Indigenous Relations
77	Gift Lake Métis Settlement (GLMS)	Aboriginal Engagement Matters	Received Final Report December 21, 2018, for NCC Loop (North Star Section 2) and NCC Loop (Red Earth Section 3). NGTL reviewed the reports and will provide a response to GLMS.	Application Table 13-2	A98641-1	Complete	Project Planning	NGTL reviewed the reports and provided a response to GLMS on April 1, 2019 with an offer to meet.	Indigenous Relations
78	GLMS	Aboriginal Engagement Matters	In response to the proposed mitigations that NGTL provided to GLMS in response to their TK Report, GLMS was of the view that further discussion was required regarding their concerns. NGTL committed to following up with GLMS regarding a meeting to discuss their concerns.	Reply Evidence 2.1.6	C05684	Complete	Project Planning	On February 4, 2020, NGTL met to discuss the proposed mitigations in response to the concerns raised in GLMS's TK Report.	Indigenous Relations
79	Horse Lake First Nation (HLFN)	Aboriginal Engagement Matters	On July 4, 2019, NGTL emailed HLFN confirming receipt of the TK Protocol Agreement, and that a response to HLFN's TK report would be prepared.	AWE Section 7.2.9	C01488	Complete	Project Planning	NGTL reviewed the report and provided a response to HLFN on July 31, 2019 with an offer to meet.	Indigenous Relations
80	Kapawe'no First Nation (KFN)	Aboriginal Engagement Matters	On May 19, 2021, NGTL received an email with KFN's TK Report for the Northwest Mainline Loop No. 2 (Bear Canyon North Extension), attached and NGTL confirmed receipt of all three TK Reports in a reply email the same day and a mitigation response would be completed.	Certificate and Order Condition 4 Section 2.12	C14197	Complete	Project Planning	NGTL reviewed the report and provided a response to KFN on June 11, 2021 with an offer to meet.	Indigenous Relations
81	Métis Nation of Alberta Region 5 (MNAR5)	Aboriginal Engagement Matters	Received Final Report February 27, 2019, for NCC Loop (Red Earth Section 3). NGTL reviewed the report and will provide a response to MNAR5.	Application Table 13-2	A98641-1	Complete	Project Planning	NGTL reviewed the report and provided a response to MNAR5 on March 29, 2019 with an offer to meet.	Indigenous Relations
82	MNAR5	Construction Matters	NGTL will continue to refine the TWS needs in relation to construction needs and identified environmentally sensitive features. Areas of concern to MNAR5 relative to TWS will be reviewed to determine what the final TWS needs will be and ensure the rationale for inclusion or reduction of TWS is shared with MNAR5.	Application, Appendix 11: Traditional Knowledge Report	A98641-19	Planned	<ul style="list-style-type: none"> <li>Pre-Construction</li> <li>Construction</li> </ul>		<ul style="list-style-type: none"> <li>Construction Management</li> <li>Environmental Permitting and Planning</li> </ul>

Commitment Number	Commitment To	Category	Description of Commitment	Source	Document References (Filing ID)	Status	Project Phase	Comments	Accountability
83	MNAR5	Construction Matters	NGTL committed to getting back to MNAR5 regarding the Loon River crossing and buoyancy controls.	Reply Evidence 2.1.8	C05684	Ongoing	Pre-Construction	On April 8, 2020, NGTL replied to MNAR5 that that the buoyancy control has not yet been finalized; however, NGTL requested MNAR5 pose any specific questions they may have at this time.	Indigenous Relations
84	Métis Nation of Alberta Region 6 (MNAR6)	Environmental Matters	NGTL will conduct vegetation field studies in August of 2019 and will include an examination of the reported dead trees, which may provide information regarding the potential underlying cause.	AWE, Appendix 8-5	C01488	Completed	Pre-Construction	A field study was conducted August 7, 2019. No burned trees were observed within the wooded coniferous fen in SW 32-096-11 W6M and the likelihood of any burned trees caused by nearby industry was assessed as low, as there is no flare stack or other source of ignition within at least 800 m of the areas identified during the Traditional Ecological Knowledge survey.	Environmental Permitting and Planning
85	MNAR6	Aboriginal Engagement Matters	Final Report received on May 3, 2019 for NCC Loop (North Star Section 2), NWML Loop No. 2 (Bear Canyon North Extension) and Hidden Lake North Compressor Station Unit Addition. NGTL reviewed the report and will provide a response to MNAR6.	AWE Table 7-2	C01488	Complete	Project Planning	NGTL reviewed the report and provided a response to MNAR6 on August 14, 2019 with an offer to meet.	Indigenous Relations
86	Paddle Prairie Métis Settlement (PPMS)	Aboriginal Engagement Matters	Site visit results received February 12, 2019, for Hidden Lake North Compressor Station Unit Addition. NGTL reviewed the letter and will provide a response to PPMS.	Application Table 13-2	A98641-1	Complete	Project Planning	NGTL reviewed the letter and provided a response to PPMS on April 15, 2019 with an offer to meet.	Indigenous Relations
87	PPMS	Aboriginal Engagement Matters	In addition, on September 25, 2019, NGTL received an email from PPMS with their final TK Report attached. The following day, NGTL emailed PPMS to confirm receipt of the TK Report and a response would be provided.	NGTL response to DCN 2.11	C02981-4	Complete	Project Planning	NGTL reviewed the report for NCC Loop (Red Earth Section 3) and NCC Loop (North Star Section 2) and provided a response to PPMS on September 27, 2019 with an offer to meet.	Indigenous Relations
88	Peavine Métis Settlement (PMS)	Aboriginal Engagement Matters	Final Report Received January 21, 2019, for North Star Section 2 and Red Earth Section 3. NGTL reviewed the report and will provide a response to PMS.	Application Table 13-2	A98641-1	Complete	Project Planning	NGTL reviewed the report and provided a response to PMS on March 29, 2019 with an offer to meet.	Indigenous Relations
89	Peerless Trout First Nation (PTFN)	Aboriginal Engagement Matters	Final Report received on July 9, 2019 for Red Earth Section 3. NGTL reviewed the report and will provide a response to PTFN.	AWE Table 7-2	C01488	Complete	Project Planning	NGTL reviewed the report and provided a response to PTFN on September 3, 2019 with an offer to meet.	Indigenous Relations
90	PTFN	Aboriginal Engagement Matters	NGTL will offer a meeting to PTFN discuss potential Project-related effects on trapping activities as well as discuss the timing of Project construction activities relative to the geographic scope of the traplines.	Reply Evidence 2.8.3	C05684	Complete	Pre-Construction	NGTL met with PTFN to discuss the Project and proposed mitigations to the concerns raised in the TK Report. NGTL has provided the construction schedule.	Indigenous Relations
91	PTFN	Aboriginal Engagement Matters	NGTL will continue to work with PTFN to better understand potential Project-related effects (including effects on the previously mentioned trails) and to discuss mitigation measures to minimize any such effects.	Reply Evidence 2.8.1	C05684	Complete	Pre-Construction	On December 9, 2020, NGTL and PTFN met to discuss Project-related effects, including the trails.	Indigenous Relations
92	LBT	Environmental Matters	NGTL will conduct a desktop study and limited field program, if warranted, for additional TWS	NGTL response to LBT 2.2	C02981-7	Planned	All Project Phases		Environmental Permitting and Planning
93	Sawridge First Nation (SWFN)	Aboriginal Engagement Matters	Site visit results received on July 30, 2019 for Red Earth Section 3. NGTL reviewed the report and will provide a response to SWFN.	AWE Table 7-2	C01488	Complete	Project Planning	NGTL reviewed the report and provided a response to SWFN on September 3, 2019 with an offer to meet.	Indigenous Relations

Commitment Number	Commitment To	Category	Description of Commitment	Source	Document References (Filing ID)	Status	Project Phase	Comments	Accountability
94	Swan River First Nation (SRFN)	Aboriginal Engagement Matters	Final Report received on February 25, 2019. NGTL reviewed the report and will provide a response to SRFN.	Application Table 13-2	A98641-1	Complete	Project Planning	NGTL reviewed the report and provided a response to SRFN on April 1, 2019 with an offer to meet.	Indigenous Relations
95	Tallcree First Nation (TFN)	Aboriginal Engagement Matters	On May 16, 2019, NGTL received TFN's TK report by email. On the same day NGTL replied by email confirming receipt of the report and a response to any concerns would be provided.	AWE Section 7.2.20	C01488	Complete	Project Planning	NGTL reviewed the report and provided a response to TFN on July 31, 2019 with an offer to meet.	Indigenous Relations
96	TFN	Aboriginal Engagement Matters	TFN requested a meeting to discuss the proposed Project-related mitigations that NGTL provided to TFN in response to TFN's TK Report for the Project.	Reply Evidence 2.1.20	C05684	Complete	Project Planning	On February 26, 2020, NGTL met with TFN and discussed the proposed mitigation responses to TFN's TK Report. No concerns were raised by TFN with the mitigation proposed during the meeting.	Indigenous Relations
97	Environment and Climate Change Canada (ECCC)	Environmental Matters	NGTL is continuing to implement fugitive emissions management processes such as the ongoing annual leak detection and repair program focused on equipment such as the seals on valves. NGTL uses these existing and ongoing processes as part of the current TC Energy practice. These measures, and any new or updated processes, will be applied to the Project.	NGTL response to ECCC 1.1	C02191-3	Planned	All Project Phases		<ul style="list-style-type: none"> <li>Construction Management</li> <li>Environmental Permitting and Planning</li> <li>Operations</li> </ul>
98	ECCC	Environmental Matters	While TC Energy affiliates do not provide operating procedures to external parties given their proprietary nature and their potential to include commercially sensitive information, a summary of the updated procedures as they pertain to fugitive emission management can and will be made available to ECCC after the process is completed.	NGTL response to ECCC 1.1.	C02191-3	Planned	All Project Phases		<ul style="list-style-type: none"> <li>Construction Management</li> <li>Environmental Permitting and Planning</li> </ul>
199	ECCC	Environmental Matters	NGTL will also include information regarding the importance of these mitigation measures and efforts to reduce emissions as part of the environmental orientation provided to all Project construction personnel	NGTL response to ECCC 1.4	C02191-3	Planned	All Project Phases		Environment Permitting and Planning
<b>Certificate GC-131</b>									
100	CER	Certificate GC-131	<b>1. Condition Compliance</b> NGTL shall comply with all of the conditions contained in this Certificate, unless the Commission otherwise directs.	Condition 1	C12987	In Progress	All Stages		Program Manager
101	CER	Certificate GC-131	<b>2. Section 52 Pipeline and Related Facilities Design, Location, Construction and Operation</b> NGTL shall cause the <b>Section 52 Pipeline and Related Facilities</b> to be designed, located, constructed, and operated in accordance with the specifications, standards, commitments made and other information included in its Application and otherwise made on the GH-002-2019 hearing record.	Condition 2	C12987	In Progress	All Project Phases		<ul style="list-style-type: none"> <li>Program Manager</li> <li>Construction Management</li> </ul>
102	CER	Certificate GC-131	<b>3. Environmental Protection</b> NGTL shall 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 and otherwise made on the GH-002-2019 hearing record.	Condition 3	C12987	In Progress	All Project Phases		Environmental Permitting and Planning

Commitment Number	Commitment To	Category	Description of Commitment	Source	Document References (Filing ID)	Status	Project Phase	Comments	Accountability
103	CER	Certificate GC-131	<p><b>4. Report on Engagement with Indigenous Peoples</b></p> <p>a) NGTL shall file with the Commission, <b>at least 45 days prior to commencing construction of the Section 52 Pipeline and Related Facilities</b>, and every <b>3 months thereafter</b> until completing construction, a report summarizing NGTL's engagement with all potentially affected Indigenous peoples. The first reporting period should include updates from 8 April 2020 onward. These reports shall include but not be limited to:</p> <ol style="list-style-type: none"> <li>the methods, dates, and locations of consultation activities, including site visits;</li> <li>a summary of the concerns raised by Indigenous peoples;</li> <li>a description of how NGTL has addressed or will address the concerns raised;</li> <li>a description of any outstanding concerns; and</li> <li>a description of how NGTL intends to address any outstanding concerns, or an explanation as to why no further steps will be taken.</li> </ol> <p>b) NGTL shall also provide a copy of the report to all Indigenous peoples who have expressed an interest in receiving a copy; and NGTL shall, <b>within 7 days of the filing in a)</b>, provide confirmation to the Commission that it has provided those copies.</p>	Condition 4	C12987	In-Progress	<ul style="list-style-type: none"> <li>Pre-Construction</li> <li>Construction</li> </ul>	<p>Condition 4(a) filed:</p> <ul style="list-style-type: none"> <li>Report No. 1 July 23, 2021 (C14197).</li> <li>Report No. 2 October 22, 2021 (C15622).</li> </ul> <p>Condition 4(b) filed:</p> <ul style="list-style-type: none"> <li>Report No. 1 July 29, 2021 (C14264).</li> <li>Report No. 2 October 27, 2021 (C15728).</li> </ul>	Indigenous Relations
104	CER	Certificate GC-131	<p><b>5. Indigenous Peoples Employment, Contracting, and Procurement Plan Update</b></p> <p>a) NGTL shall file with the Commission <b>at least 45 days prior to commencing construction of the Section 52 Pipeline and Related Facilities</b>, an update on employment, contracting and procurement for Indigenous peoples that includes:</p> <ol style="list-style-type: none"> <li>a copy of the Prime Contractor's Aboriginal Participation Plan;</li> <li>a copy of NGTL's Aboriginal Contracting and Employment Program; and</li> <li>a summary of how the Prime Contractor's Aboriginal Participation Plan aligns with NGTL's Aboriginal Contracting and Employment Program.</li> </ol> <p>b) NGTL shall also provide a copy of the plan to all Indigenous peoples who have expressed an interest in receiving a copy; and NGTL shall, <b>within 7 days of the filing in a)</b>, provide confirmation to the Commission that it has provided those copies.</p>	Condition 5	C12987	Planned	Pre-Construction	<p>Condition 5(a) filed:</p> <ul style="list-style-type: none"> <li><u>Mur-Cal Services Ltd. (Mur-Cal) IDLPP for NCC Loop – Red Earth Section 3 early clearing – November 23, 2021 (C16257).</u></li> <li><u>Mur-Cal IDLPP for NCC Loop – North Star Section 2 early clearing – December 14, 2021 (C16757).</u></li> </ul> <p>Condition 5(b) filed:</p> <ul style="list-style-type: none"> <li><u>Mur-Cal IDLPP for NCC Loop – Red Earth Section 3 early clearing – November 30, 2021 (C16342).</u></li> <li><u>Mur-Cal IDLPP for NCC Loop – North Star Section 2 early clearing – December 15, 2021 (C16795).</u></li> </ul>	Indigenous Relations Business Engagement
105	CER	Certificate GC-131	<p><b>6. Construction Monitoring Plan for Indigenous Peoples</b></p> <p>a) NGTL shall file with the Commission, <b>at least 45 days prior to commencing construction of the Section 52 Pipeline and Related Facilities</b>, a plan</p>	Condition 6	C12987	Complete	Pre-Construction	<p>Condition 6(a) filed November 23, 2021 (C16258).</p> <p>Condition 6(b) filed November 30, 2021 (C16343).</p>	Indigenous Relations

Commitment Number	Commitment To	Category	Description of Commitment	Source	Document References (Filing ID)	Status	Project Phase	Comments	Accountability
			<p>describing the participation of Indigenous peoples in monitoring activities during construction. Activities would include monitoring for adverse environmental impacts, heritage resources, areas related to traditional land and resource uses, and areas of cultural significance. The plan shall include, but not be limited to:</p> <ul style="list-style-type: none"> <li>i. a summary of engagement and planning activities undertaken with Indigenous peoples to develop opportunities for their participation in monitoring activities;</li> <li>ii. a description of how the results from its engagement with Indigenous peoples were incorporated into the plan, or an explanation as to why any results have not been incorporated;</li> <li>iii. a list of Indigenous peoples who have reached agreement with NGTL to participate as monitors;</li> <li>iv. a description of the anticipated training and participant requirements, including potential certifications for the Indigenous peoples monitors;</li> <li>v. the scope, methodology, and justification for monitoring activities to be undertaken by NGTL and each participant identified in a) iii., including those elements of construction and geographic locations that will involve monitors;</li> <li>vi. a description of how NGTL will use and incorporate the information gathered through the participation of monitors and apply it to the Project; and</li> <li>vii. a description of how, what form, and the timeframe in which NGTL will provide the information gathered through the participation of monitors to the participating Indigenous peoples.</li> </ul> <p>b) NGTL shall provide a copy of the plan to those Indigenous peoples identified in a) iii.; and NGTL shall, <b>within 7 days of the filing in a)</b>, provide confirmation to the Commission that it has provided those copies.</p>						
106	CER	Certificate GC-131	<p><b>7. Outstanding Traditional Land and Resource Use Investigations</b></p> <p>a) NGTL shall file with the Commission for approval, <b>at least 45 days prior to commencing construction of the Section 52 Pipeline and Related Facilities</b>, a report on any outstanding traditional land and resource use investigations for the Project. The report shall include, but not be limited to:</p> <ul style="list-style-type: none"> <li>i. a summary of the status of investigations undertaken for the Project, including Indigenous community-specific studies or planned supplemental surveys</li> </ul>	Condition 7	C12987	Complete	Pre-Construction	Condition 7(a) filed July 8, 2021 (C13989). Condition 7(b) filed July 15, 2021 (C14094). Condition 7(a) approved September 7, 2021 (C14820).	Indigenous Relations

Commitment Number	Commitment To	Category	Description of Commitment	Source	Document References (Filing ID)	Status	Project Phase	Comments	Accountability
			<ul style="list-style-type: none"> <li>ii. a description of how NGTL has considered and addressed information from any investigations on which it did not report during the GH-002-2019 hearing process;</li> <li>iii. a description of any outstanding concerns raised by potentially affected Indigenous peoples regarding potential effects of the Project on the current use of lands and resources for traditional purposes, including a description of how these concerns have been or will be addressed by NGTL, or a detailed explanation why these concerns will not be addressed by NGTL;</li> <li>iv. a summary of any outstanding investigations or follow-up activities that will not be completed prior to commencing construction, including an explanation why they are not being completed prior to construction; an estimated completion date, if applicable;</li> <li>v. a description of how NGTL has already identified, or will identify, any potentially-affected sites or resources if the outstanding investigations will not be completed prior to construction; and</li> <li>vi. a description of how NGTL has incorporated any revisions necessitated by the investigations or follow-up activities into the Environmental Protection Plan for the Project, or, if appropriate, into NGTL lifecycle oversight.</li> </ul> <p>b) NGTL shall also provide a copy of the report to all Indigenous peoples who have expressed an interest in receiving a copy; and NGTL shall, <b>within 7 days of the filing in a)</b>, provide confirmation to the Commission that it provided those copies.</p>						
107	CER	Certificate GC-131	<p><b>8. Heritage Resource Clearances</b></p> <p>a) NGTL shall file with the Commission, at least 30 days prior to commencing construction of the Section 52 Pipeline and Related Facilities:</p> <ul style="list-style-type: none"> <li>i. confirmation, signed by the Accountable Officer of the company, that NGTL has obtained all of the required archaeological and heritage resource clearances from the Alberta Ministry of Culture, Multiculturalism and Status of Women;</li> <li>ii. a description of how NGTL will meet any conditions and respond to any comments and recommendations contained in the clearances referred to in i.; and</li> <li>iii. 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 ii.</li> </ul>	Condition 8	C12987	Planned	Pre-Construction	<p><u>Condition 8(a) filed:</u></p> <ul style="list-style-type: none"> <li>• <u>NCC Loop – Red Earth Section 3 December 8, 2021 (C16641).</u></li> </ul> <p><u>Condition 8(b) filed:</u></p> <ul style="list-style-type: none"> <li>• <u>NCC Loop – Red Earth Section 3 December 15, 2021 (C16796).</u></li> </ul>	Environmental Permitting and Planning



Commitment Number	Commitment To	Category	Description of Commitment	Source	Document References (Filing ID)	Status	Project Phase	Comments	Accountability
			b) NGTL shall also provide a copy to all Indigenous peoples who have expressed an interest in receiving a copy of this information; and NGTL shall, within 7 days of the filing in a), provide confirmation to the Commission that it has provided those copies.						
108	CER	Certificate GC-131	<p><b>9. Geological Hazards</b></p> <p>NGTL shall file with the Commission, <b>at least 60 days prior to commencing construction</b>, a Geological Hazard Assessment(s) reports(s). The report(s) shall include, but not be limited to:</p> <ul style="list-style-type: none"> <li>a) an assessment of all the geological hazards that the Project crosses along the ROW;</li> <li>b) the risks associated with the identified hazards;</li> <li>c) the mitigation and monitoring methods to control the identified hazards;</li> <li>d) a list of the locations identified as high-risk areas during the construction stage; and</li> <li>e) NGTL's proposed monitoring plans during operation at the high hazard location and the monitoring techniques that NGTL will implement at those locations. Monitoring techniques that the CER will be assessing for high hazard slope and landslide locations will include remote continuous slope monitoring methods and similar approaches.</li> </ul>	Condition 9	C12987	Complete	Pre-Construction	Condition 9 filed November 8, 2021 (C16023).	Project Engineering
109	CER	Certificate GC-131	<p><b>10. Emergency Management Continuing Education Program</b></p> <p>a) NGTL shall file with the Commission, <b>at least 30 days prior to commencing construction</b>, a Project-specific plan (Plan) that outlines the development of a continuing education program for the Project (Program) and how it would be incorporated into the broader continuing education program required by Section 35 of the OPR (SOR/99-294). The Plan shall include:</p> <ul style="list-style-type: none"> <li>i. a list of potentially affected Indigenous peoples, first responders (for example, police, fire departments, medical facilities), and any other appropriate organizations, government authorities or agencies (for example, municipalities) that have been identified for consultation and the results of consultation to date;</li> <li>ii. the goals, principles and objectives for consultation for the development of the Program including evidence of how consultation feedback was integrated into the Program;</li> <li>iii. a description of how information provided by potentially affected Indigenous peoples, first responders or any other appropriate organizations, government authorities or agencies will be incorporated into the Program,</li> </ul>	Condition 10	C12987	Complete	Pre-Construction	Condition 10(a) filed August 6, 2021 (C14362). Condition 10(b) filed August 13, 2021 (C14452).	Emergency Management

Commitment Number	Commitment To	Category	Description of Commitment	Source	Document References (Filing ID)	Status	Project Phase	Comments	Accountability
			<p>including a description of NGTL's procedure to communicate to potentially affected parties how their information will be incorporated into the Program and justification for why any information may not have been incorporated into the Program;</p> <p>iv. a description of how Program information would be communicated or distributed to potentially affected Indigenous peoples, first responders, and any other appropriate organizations, government authorities and agencies, including how NGTL will address any requests from potentially affected Indigenous peoples to have Program information translated into the local Indigenous language; and</p> <p>v. a summary of the information to be included in the Program, including:</p> <p>a. potential emergency situations involving the Section 52 Pipeline and Related Facilities, including but not limited to, spills or releases and incidents as defined by the NEB Event Reporting Guidelines;</p> <p>b. the safety procedures to be followed in the case of an emergency;</p> <p>c. a description of how NGTL will conduct annual testing of emergency contact information, including with Indigenous peoples, and how NGTL will ensure the group being contacted has up-to-date company emergency contact information as well;</p> <p>d. the methods by which potentially affected Indigenous peoples, first responders, and any other appropriate organizations, government authorities and agencies can contact NGTL in the case of an emergency situation; and</p> <p>e. the methods by which NGTL can contact potentially affected Indigenous peoples, first responders, and any other appropriate organizations, government authorities and agencies in the case of an emergency situation.</p> <p>b) NGTL shall also provide a copy to all Indigenous peoples who have expressed an interest in receiving a copy; and NGTL shall, <b>within 7 days of the filing in a)</b>, provide confirmation to the Commission that it has provided those copies.</p>						

Commitment Number	Commitment To	Category	Description of Commitment	Source	Document References (Filing ID)	Status	Project Phase	Comments	Accountability
110	CER	Certificate GC-131	<p><b>11. Programs and Manuals</b></p> <p>NGTL shall file with the Commission, <b>at least 30 days prior to commencing construction</b>, confirmation that a Construction Safety Manual(s) pursuant to Section 20 of the OPR that includes a description of the roles and responsibilities of the company representatives and its contractor(s) supervisory roles is in place for the Project. This confirmation shall be signed by the Accountable Officer of the Company.</p>	Condition 11	C12987	Planned	Pre-Construction	<p>Condition 11 filed:</p> <ul style="list-style-type: none"> <li>• <u>NCC Loop – Red Earth Section 3 early clearing December 8, 2021 (C16642).</u></li> <li>• <u>NCC Loop – North Star Section 2 early clearing December 14, 2021 (C16751).</u></li> </ul>	Safety Representative
111	CER	Certificate GC-131	<p><b>12. Environmental Protection Plan (EPP) for Section 52 Pipeline and Related Facilities</b></p> <p>a) NGTL shall file with the Commission, for approval, <b>at least 45 days prior to commencing construction</b>, an updated EPP (including Environmental Alignment Sheets) specific to the Section 52 Pipeline and Related Facilities. The updated version of the EPP is to include revisions based on evidence provided during the hearing process. The updated EPP must include, but not be limited to, the following:</p> <ol style="list-style-type: none"> <li>environmental protection procedures (including site-specific plans), criteria for implementing these procedures, mitigation measures and monitoring applicable to all Project phases and activities;</li> <li>any updates to contingency plans and management plans;</li> <li>a description of the condition to which NGTL intends to reclaim and maintain the ROW, once construction has been completed, and a description of measurable goals for reclamation;</li> <li>a list of measures to be taken during construction to minimize disturbance to caribou and caribou habitat and help accelerate habitat restoration, including: <ol style="list-style-type: none"> <li>any provincial and federal best practices, requirements and timing restrictions specifically related to minimizing construction disturbance; and</li> <li>the criteria for where those measures will be taken;</li> </ol> </li> <li>all specific mitigation related to species at risk and their habitat, and Key Wildlife and Biodiversity Zones;</li> <li>a list of any site-specific mitigation measures that were developed, if any, in response to traditional land and resource use sites identified by Indigenous peoples;</li> <li>updated environmental alignment sheets;</li> </ol>	Condition 12	C12987	Planned	Pre-Construction	<p>Condition 12(a) filed:</p> <ul style="list-style-type: none"> <li>• <u>NCC Loop – Red Earth Section 3 filed November 23, 2021 (C16260).</u></li> <li>• <u>NCC Loop – North Star Section 2 December 22, 2021 (C16946)</u></li> </ul> <p>Condition 12(b) filed:</p> <ul style="list-style-type: none"> <li>• <u>NCC Loop – Red Earth Section 3 filed November 30, 2021 (C16344).</u></li> <li>• <u>NCC Loop – North Star Section 2 December 28, 2021 (C16990)</u></li> </ul>	Environmental Permitting and Planning

Commitment Number	Commitment To	Category	Description of Commitment	Source	Document References (Filing ID)	Status	Project Phase	Comments	Accountability
			<p>viii. evidence demonstrating that consultation took place with relevant government authorities, where applicable; and</p> <p>ix. a revision log of the updates made, the reference where the updates can be found in the revised document, as well as the reference from the hearing evidence for each update.</p> <p>b) NGTL must also provide a copy to all Indigenous peoples who have expressed an interest in receiving a copy; and NGTL must, <b>within 7 days of the filing in a)</b>, provide confirmation to the Commission that it has provided those copies.</p>						
112	CER	Certificate GC-131	<p><b>13. Commitments Tracking Table (CTT)</b></p> <p>NGTL shall:</p> <p>a) File with the Commission and post on its Project website, within 90 days from the date of this Certificate and at least 30 days prior to commencing construction on the Section 52 Pipeline and Related Facilities, a Commitments Tracking Table listing all commitments made by NGTL, including all commitments made to Indigenous peoples, in its Application, and otherwise made on the GH-002-2019 hearing record, and that includes references to:</p> <p>i. the documentation in which the commitment appears (for example, the Application, responses to Information Requests, hearing transcripts, permit requirements, condition filings, or other);</p> <p>ii. traditional land and resource use information from potentially affected Indigenous peoples;</p> <p>iii. the accountable lead for implementing each commitment; and</p> <p>iv. the estimated timelines associated with the fulfillment of each commitment.</p> <p>b) Update the status of the commitments in a) on its Project website and file these updates with the Commission on:</p> <p>i. a monthly basis until commencing operations; and</p> <p>ii. every six months until the end of the fifth year following the commencement of operations.</p> <p>c) Maintain at its Project site during the life cycle of the Project:</p> <p>i. the Commitments Tracking Table listing all regulatory commitments and their completion status, including those commitments resulting from NGTL's Application and subsequent filings and conditions from permits, authorizations and approvals;</p>	Condition 13	C12987	In Progress	Pre-Construction	<p>Condition 13 <u>filed</u>:</p> <ul style="list-style-type: none"> <li>• CTT No. 1 <u>filed</u> August 5, 2021 (C14348).</li> <li>• CTT No. 2 <u>filed</u> September 2, 2021 (C14775).</li> <li>• CTT No. 3 <u>filed</u> October 5, 2021 (C15274).</li> <li>• CTT No. 4 <u>filed</u> November 5, 2021 (C15975).</li> <li>• CTT No. 5 December 3, 2021 (C16424).</li> </ul>	All

Commitment Number	Commitment To	Category	Description of Commitment	Source	Document References (Filing ID)	Status	Project Phase	Comments	Accountability
			<ul style="list-style-type: none"> <li>ii. copies of any permits, approvals or authorizations issued by federal, provincial or other permitting authorities, which include environmental conditions or site-specific mitigation or monitoring measures; and</li> <li>iii. any subsequent variances to permits, approvals or authorizations in c) ii.</li> </ul>						
113	CER	Certificate GC-131	<p><b>14. Construction Schedule</b></p> <ul style="list-style-type: none"> <li>a) NGTL must, <b>at least 14 days prior to the commencement of construction of the approved Section 52 Pipeline and Related Facilities</b>, file with the Commission a detailed construction schedule or schedules identifying major construction activities and must notify the Commission of any modifications to the schedule or schedules as they occur.</li> <li>b) NGTL must also provide a copy to all Indigenous peoples who have expressed an interest in receiving a copy; and NGTL must, <b>within 7 days of the filing in a)</b>, provide confirmation to the Commission that it has provided those copies.</li> </ul>	Condition 14	C12987	Planned	Pre-Construction	<p>Condition 14(a) filed:</p> <ul style="list-style-type: none"> <li>• <u>NCC Loop – Red Earth Section 3 and North Star Section 2 early clearing December 14, 2021 (C16754).</u></li> </ul> <p>Condition 14(b) filed:</p> <ul style="list-style-type: none"> <li>• <u>NCC Loop – Red Earth Section 3 and North Star Section 2 early clearing December 15, 2021 (C16797).</u></li> </ul>	Program Management
114	CER	Certificate GC-131	<p><b>15. Construction Emergency Management Preparedness and Response Planning</b></p> <ul style="list-style-type: none"> <li>a) NGTL must file with the Commission, <b>at least 60 days prior to commencing construction</b>, the Emergency Response Plan, specific to the Section 52 Pipeline and Related Facilities that will be implemented during the construction phase of the Section 52 Pipeline and Related Facilities. The plan must include spill contingency measures that NGTL will employ in response to accidental spills attributable to construction activities, 24-hour medical evacuation, fire response and security.</li> <li>b) NGTL must also provide a copy to all Indigenous peoples who have expressed an interest in receiving a copy; and NGTL must, <b>within 7 days of the filing in a)</b>, provide confirmation to the Commission that it has provided those copies.</li> </ul>	Condition 15	C12987	Planned	Pre-Construction	<p>Condition 15(a) filed:</p> <ul style="list-style-type: none"> <li>• <u>Mur-Cal Services Ltd. (Mur-Cal) Emergency Response Plan (ERP) for NCC Loop - Red Earth Section 3 early clearing – November 8, 2021 (C16024).</u></li> <li>• <u>Mur-Cal ERP for NCC Loop – North Star Section 2 early clearing – December 14, 2021 (C16753).</u></li> </ul> <p>Condition 15(b) filed:</p> <ul style="list-style-type: none"> <li>• <u>Mur-Cal ERP for NCC Loop - Red Earth Section 3 early clearing – November 10, 2021 (C16057).</u></li> <li>• <u>Mur-Cal ERP for NCC Loop – North Star Section 2 early clearing – December 15, 2021 (C16798).</u></li> </ul>	Safety Representative
115	CER	Certificate GC-131	<p><b>16. Terrain, Geotechnical and Hydrotechnical Assessments update</b></p> <p>NGTL shall file the hydrotechnical studies for the Project with the Commission <b>at least 60 days prior to commencing construction</b>. NGTL shall ensure that these studies address the following:</p> <ul style="list-style-type: none"> <li>a) the proposed pipeline burial depth at the Notikewin River provided that the scour depth is 1.9 m for a 1 in 100-year flood event and details of the selected installation method; and</li> <li>b) justification for the selected installation method at the Notikewin River and the Loon River based on the</li> </ul>	Condition 16	C12987	Planned	Pre-Construction	Condition 16 filed November 8, 2021 (C16030).	Program Manager

Commitment Number	Commitment To	Category	Description of Commitment	Source	Document References (Filing ID)	Status	Project Phase	Comments	Accountability
			scour depth assessments at both watercourse crossings.						
116	CER	Certificate GC-131	<b>17. Loon River Contingency Crossing Attempt</b> In the event that initial and contingency Horizontal Directional Drill crossing attempts at Loon River fail and NGTL resorts to an alternative crossing method to cross the Loon River, NGTL shall file a detailed description of the alternative crossing method, including design drawings, and any feasibility or engineering studies. This shall be filed with the Commission <b>15 days prior to implementing the alternative crossing method.</b>	Condition 17	C12987	Planned	Construction		Project Engineering
117	CER	Certificate GC-131	<b>18. Execution Plan and Engineering Drilling Fluid Plans for Loon River Horizontal Directional Drill</b> NGTL shall file with the Commission, <b>at least 30 days prior to the commencement of Horizontal Directional Drill activities</b> , the Horizontal Directional Drill Execution Plan and Engineered Drilling Fluid Plan for Loon River. The plans should include but not limited to: a) detailed description of the construction operation and schedule, pipe pullback details, and casing plans; and b) a description of the drilling fluid selected, drilling fluid disposal plans, and how the drilling fluid will be used to manage the identified risks.	Condition 18	C12987	Planned	Construction		Project Engineering
118	CER	Certificate GC-131	<b>19. Sunset Clause</b> This Certificate shall expire on 7 May 2024, unless construction in respect of <b>the Section 52 Pipeline and Related Facilities</b> has commenced by that date.	Condition 19	C12987	Planned	Construction		Regulatory
119	CER	Certificate GC-131	<b>20. Finalized Watercourse Crossing Inventory</b> NGTL shall file with the Commission, <b>at least 60 days prior to commencing construction of any watercourse crossing</b> , the following: a) an updated inventory of all watercourses to be crossed, including, for each crossing: i. the name of the watercourse being crossed and an identifier for the crossing; ii. the location of the crossing; iii. the primary crossing methods; iv. timing of construction v. information on the presence of fish and fish habitat; vi. the fisheries timing window of least risk for each crossing; and vii. an indication of whether there is potential for harmful alteration, disruption or destruction of fish or fish habitat, as defined by the Fisheries Act, as a result of the proposed watercourse crossing.	Condition 20	C12987	Planned	Construction	<u>Condition 20(a) filed December 3, 2020 (C16425).</u> <u>Condition 20(c) filed December 8, 2020 (C16641).</u>	Environmental Permitting and Planning

Commitment Number	Commitment To	Category	Description of Commitment	Source	Document References (Filing ID)	Status	Project Phase	Comments	Accountability
			<p>b) For each watercourse crossing where there is potential for harmful alteration, disruption or destruction of fish or fish habitat, as indicated above in a) part vii, provide:</p> <ul style="list-style-type: none"> <li>i. detailed crossing-specific design drawings;</li> <li>ii. photographs of the crossing location, including both upstream and downstream;</li> <li>iii. a description of the fish species and habitat that is present at the crossing location, and whether fish spawning is likely to occur within the immediate area;</li> <li>iv. the site-specific mitigation and habitat enhancement measures to be used to minimize impacts to fish;</li> <li>v. any potential residual effects;</li> <li>vi. proposed reclamation measures;</li> <li>vii. a discussion of potential impacts to local fisheries resources within the immediate area as a result of the crossing construction; and</li> <li>viii. a description of how NGTL has taken traditional land and resource use information from potentially affected Indigenous peoples into consideration in developing the watercourse crossing designs.</li> </ul> <p>c) NGTL must provide a copy of the condition filing to all Indigenous peoples who may be potentially affected by a watercourse crossing; and NGTL must, <b>within 7 days of the filing in a)</b>, provide confirmation to the Commission that it has provided those copies.</p>						
120	CER	Certificate GC-131	<p><b>21. Contingency Watercourse Crossing Method for the Loon River</b></p> <p>a) Should NGTL employ a contingency crossing method, instead of its proposed primary crossing method for the Loon River, and where there is no potential harmful alteration, disruption or destruction of fish or fish habitat, as defined in the Fisheries Act, NGTL shall file with the Commission, a notification to this effect, at least 10 days prior to commencing the contingency crossing. In the notification, NGTL shall 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>b) Should NGTL employ a contingency crossing method for the Loon River watercourse crossing, instead of its proposed primary method, and where the contingency crossing method poses a potential harmful alteration, disruption or destruction of fish or fish habitat, as defined in the <i>Fisheries Act</i>, NGTL shall file with the Commission at least 30 days prior</p>	Condition 21	C12987	Planned	Construction		Environmental Permitting and Planning

Commitment Number	Commitment To	Category	Description of Commitment	Source	Document References (Filing ID)	Status	Project Phase	Comments	Accountability
			<p>to commencing construction of the contingency watercourse crossing:</p> <ul style="list-style-type: none"> <li>i. confirmation of the contingency watercourse crossing method being employed, the rationale for employing that method, and a summary of the differences between the primary and contingency watercourse crossing methods;</li> <li>ii. the following site-specific information: <ul style="list-style-type: none"> <li>a. detailed crossing-specific design drawings;</li> <li>b. photographs of the crossing location, as well as upstream and downstream;</li> <li>c. a description of the fish species and habitat that is present at the crossing location, and if fish spawning is likely to occur within the immediate area;</li> <li>d. the site-specific mitigation and habitat enhancement measures to be used to minimize impacts;</li> <li>e. any potential residual effects;</li> <li>f. proposed reclamation measures;</li> <li>g. a discussion of the potential impacts to local fisheries resources within the immediate area as a result of the crossing's construction; and</li> <li>h. a description of how NGTL has taken traditional land and resource use information from potentially affected Indigenous peoples into consideration in developing the watercourse crossing designs.</li> </ul> </li> <li>c) NGTL shall file with the Commission, at least 30 days prior to commencing construction of the contingency crossing method, a summary of the consultation undertaken with appropriate government authorities, stakeholders and potentially affected Indigenous peoples in regard to a) and b) above, that includes: <ul style="list-style-type: none"> <li>i. a description of the engagement activities undertaken;</li> <li>ii. a summary of the comments and concerns raised; and</li> <li>iii. how NGTL intends to address any outstanding concerns or an explanation of why no further steps will be undertaken.</li> </ul> </li> <li>d) In any event that a contingency crossing method is employed, NGTL shall provide a notification to any Indigenous peoples potentially affected by the contingency crossing, 30 days prior to commencing construction of the contingency crossing.</li> <li>e) In the event NGTL does not implement a contingency crossing at the Loon River, it must notify the</li> </ul>						



Commitment Number	Commitment To	Category	Description of Commitment	Source	Document References (Filing ID)	Status	Project Phase	Comments	Accountability
			Commission of such, no later than 10 days after the commencement of operations.						
121	CER	Certificate GC-131	<p><b>22. Authorizations under paragraph 35(2)(b) of the Fisheries Act</b></p> <p>a) For any instream activities that will require an authorization under paragraph 35(2)(b) of the <i>Fisheries Act</i>, NGTL shall file with the Commission, at least 10 days prior to commencing the respective instream activities, a copy of the authorization under paragraph 35(2)(b) of the <i>Fisheries Act</i>;</p> <p>b) NGTL shall confirm, within 30 days after commencing operations, that any required <i>Fisheries Act</i> authorizations were obtained from Fisheries and Oceans Canada and were filed with the Commission pursuant to a), or notify the Commission if no Authorizations were required.</p>	Condition 22	C12987	Planned	Construction	<u>The Fisheries Act Authorization (FAA) for the Notikewin River crossing was filed with Fisheries and Oceans Canada (DFO) November 18, 2021 (DFO File 20-HCAA-01849).</u>	Environmental Permitting and Planning
122	CER	Certificate GC-131	<p><b>23. Hydrostatic Testing Plan</b></p> <p>NGTL shall file with the Commission, <b>at least 30 days prior to pressure testing</b>, a Hydrostatic Testing Plan for the Section 52 Pipeline and Related Facilities that includes:</p> <p>a) the location(s) of water withdrawal and discharge;</p> <p>b) clearing activities or any other associated works, if required, to allow for transport of the hydrostatic test water to the Section 52 Pipeline and Related Facilities;</p> <p>c) the rate(s) of water withdrawal;</p> <p>d) the volume(s) of water withdrawal;</p> <p>e) the flow rate/volume of water at withdrawal location(s); and</p> <p>f) any site-specific mitigation measures to be used at the water withdrawal and discharge locations, or at any other locations required to allow for the transport of hydrostatic test water.</p>	Condition 23	C12987	Planned	Construction		Project Engineering
123	CER	Certificate GC-131	<p><b>24. Construction Progress Reports</b></p> <p>NGTL must file with the Commission, <b>by the 16th day and by the last day of each month during construction</b>, construction progress reports. The report must include:</p> <p>a) information on the activities carried out during the reporting period;</p> <p>b) any environmental, socio-economic, safety and security issues and issues of noncompliance; and</p> <p>c) the measures undertaken for the resolution of each issue and noncompliance.</p>	Condition 24	C12987	Planned	Construction		All

Commitment Number	Commitment To	Category	Description of Commitment	Source	Document References (Filing ID)	Status	Project Phase	Comments	Accountability
124	CER	Certificate GC-131	<p><b>25. Working within the Red Earth Caribou Range Restricted Activity Period</b></p> <p>a) Clearing and construction activities within the Red Earth caribou range must occur outside of the Restricted Activity Period (RAP) for woodland caribou of 15 February to 15 July. In the event that working within the RAP for the Red Earth caribou range is unavoidable, NGTL must file with the Commission for approval, <b>at least 15 days prior to activities occurring within the RAP:</b></p> <p>i. a summary of consultation with Alberta Environment and Parks, Environment and Climate Change Canada, and any Indigenous peoples that expressed interest in the Red Earth caribou ranges during the GH-002-2019 hearing process, including a list of concerns and how these have been addressed, or a rationale for why the concerns have not been addressed;</p> <p>ii. a description of the remaining and proposed work activities including, but not limited to the following:</p> <p>a. a description of the scope of the work activities;</p> <p>b. the proximity of each of the work activities to greenfield and other sensitive locations;</p> <p>c. the predicted environmental effects of working within the RAP;</p> <p>d. the specific mitigation that will be implemented to reduce the effects on the caribou; and</p> <p>e. the predicted residual effects of the construction activities;</p> <p>iii. a comparison of the alternatives to working within the RAP that were considered and assessed, including the potential impacts of each;</p> <p>iv. a construction schedule for the remainder of the Project that includes each week NGTL intends to work within the RAP and includes but is not limited to the following:</p> <p>a. each work activity;</p> <p>b. the dates each work activity will be conducted;</p> <p>c. the workforce and equipment required for each work activity;</p> <p>d. the location of each work activity with reference to the Environmental Alignment Sheets by Kilometre Post and Latitude and Longitude; and</p> <p>e. if helicopters are required, the purpose of the helicopter plus the location and frequency of use;</p>	Condition 25	C12987	Planned	Construction		Environmental Permitting and Planning

Commitment Number	Commitment To	Category	Description of Commitment	Source	Document References (Filing ID)	Status	Project Phase	Comments	Accountability
			<p>v. a report on the results from a caribou survey (including but not limited to telemetry) of the ROW and an appropriate buffer zone surrounding the area where activities will occur during the RAP. The survey will be conducted between three weeks to a month prior to the start of construction within the RAP. The report will include:</p> <ul style="list-style-type: none"> <li>a. timing of survey and method(s) used;</li> <li>b. locations (Kilometre Post and Latitude and Longitude), dates and numbers of individual caribou sighted;</li> <li>c. location and description of evidence of caribou use; and</li> <li>d. description of the specific mitigation to be implemented and for how long;</li> </ul> <p>vi. documentation from a senior Alberta Environment and Parks manager authorizing activities between 15 February and 15 July. This documentation will include:</p> <ul style="list-style-type: none"> <li>a. minutes of meetings, conversation records, and letters with regard to approval of construction activity as described in part iv; and</li> <li>b. evidence that NGTL has contacted an appropriate qualified professional to discuss alternatives and potential mitigation and monitoring plans; and</li> </ul> <p>vii. any other pertinent information that may be relevant to the above.</p> <p>b) NGTL must also provide a copy of the information required by this condition to all Indigenous peoples who have expressed an interest in receiving a copy; and NGTL must, <b>within 7 days of the filing in a)</b>, provide confirmation to the Commission that it has provided those copies.</p> <p>The Commission notes that although Alberta Environment and Parks has authority over certain activities occurring in the Red Earth caribou range, the Commission maintains jurisdiction and oversight of the work being conducted on federally regulated ROWs. The Commission expects NGTL to make every effort possible to avoid work during the RAP in the Red Earth caribou range.</p>						
125	CER	Certificate GC-131	<p><b>26. Condition Compliance by the Accountable Officer</b>  <b>Within 30 days of the date that the approved Project is placed in service,</b> NGTL shall file with the Commission confirmation that the approved Project was completed and constructed in compliance with all applicable conditions in this Certificate. If compliance</p>	Condition 26	C12987	Planned	Operations		Program Manager

Commitment Number	Commitment To	Category	Description of Commitment	Source	Document References (Filing ID)	Status	Project Phase	Comments	Accountability
			with any of these conditions cannot be confirmed, NGTL shall file with the Commission 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 Section 6.2 of the OPR.						
126	CER	Certificate GC-131	<p><b>27. Training, Employment, Contracting, and Procurement Report</b></p> <p>a) NGTL shall file with the Commission, <b>within 3 months after the date that the last Order for Leave to Open is issued</b>, a report on all employment, contracting, and procurement for the Project, that shall include, but is not limited to:</p> <ul style="list-style-type: none"> <li>i. a summary of any training needs identified by Indigenous peoples to be able to access contracting and employment opportunities for the Project, and a description of how NGTL has or will support Indigenous peoples in meeting these training needs;</li> <li>ii. a summary of the employment, contracting, and procurement elements or indicators monitored;</li> <li>iii. a summary of local and regional employment and business opportunities, including for Indigenous peoples, created during the reporting period;</li> <li>iv. the numbers of self-identified Indigenous-owned businesses and individuals employed; and</li> <li>v. a summary of NGTL's engagement efforts, undertaken during the reporting period, with relevant Indigenous peoples and local, regional, community, and industry groups or representatives, regarding potential training, employment and business opportunities on the Project.</li> </ul> <p>b) NGTL shall also provide a copy of the report to all Indigenous peoples who have expressed an interest in receiving a copy; and NGTL shall, <b>within 7 days of the filing in a)</b>, provide confirmation to the Commission that it provided those copies.</p>	Condition 27	C12987	Planned	Operations		Indigenous Relations Business Engagement
127	CER	Certificate GC-131	<p><b>28. Post-Construction Monitoring Plan for Indigenous Peoples</b></p> <p>a) NGTL shall file with the Commission, <b>within 90 days after the date that the last Order for Leave to Open is issued</b>, a plan describing participation by Indigenous peoples in monitoring activities during post-construction of the Section 52 Pipeline and Related Facilities. The plan shall include, but not be limited to:</p> <ul style="list-style-type: none"> <li>i. a summary of engagement and planning activities undertaken with Indigenous peoples to develop</li> </ul>	Condition 28	C12987	Planned	Operations		Indigenous Relations

Commitment Number	Commitment To	Category	Description of Commitment	Source	Document References (Filing ID)	Status	Project Phase	Comments	Accountability
			<p>opportunities for their participation in monitoring activities;</p> <p>ii. a description of how the results from its engagement with Indigenous peoples were incorporated into the plan, or an explanation as to why any results have not been incorporated;</p> <p>iii. a list of the Indigenous peoples that have reached agreement with NGTL to participate as monitors;</p> <p>iv. a description of the anticipated training and participant requirements, including potential certifications;</p> <p>v. the scope, methodology, and justification for monitoring activities to be undertaken by NGTL and each participant identified in a) iii, including those elements of post-construction and operation, and geographic locations that will involve monitor(s);</p> <p>vi. a description of how NGTL will use the information gathered through the participation of monitors; and</p> <p>vii. a description of how NGTL will provide the information gathered through the participation of monitors to the participating Indigenous peoples.</p> <p>b) NGTL shall provide a copy of the plan to those Indigenous peoples identified in a) iii; and NGTL shall, <b>within 7 days of the filing in a)</b>, provide confirmation to the Commission that it has provided those copies.</p>						
128	CER	Certificate GC-131	<p><b>29. Post-Construction Environmental Monitoring Reports</b></p> <p>a) <b>On or before the 31 of January following each of the first, third and fifth complete growing seasons after completing final clean-up</b>, NGTL shall file with the Commission a post-construction environmental monitoring report (report) that:</p> <p>i. describes the methodology used for monitoring, including any relevant methodology or criteria identified in the Post-Construction Monitoring Plan for Indigenous Peoples (Condition 28), the criteria established for evaluating success and the results found;</p> <p>ii. identifies any modifications for the criteria established for evaluating reclamation success described in its Environmental Protection Plan and the rationale for any modifications;</p> <p>iii. identifies the issues to be monitored, including but not limited to any issues identified by the Post Construction Monitoring Plan for Indigenous Peoples (Condition 28), any unexpected issues</p>	Condition 29	C12987	Planned	Operations		Environmental Permitting and Planning

Commitment Number	Commitment To	Category	Description of Commitment	Source	Document References (Filing ID)	Status	Project Phase	Comments	Accountability
			<p>that arose during construction, and their locations (e.g. on a map or diagram, in a table);</p> <p>iv. describes the current status of the issues (resolved or unresolved), any deviations from plans and corrective actions undertaken;</p> <p>v. assesses the effectiveness of mitigation measures, both planned and corrective, against the criteria for success;</p> <p>vi. includes a detailed summary of NGTL's consultation undertaken with the appropriate provincial and federal authorities, and affected Indigenous peoples and a detailed description of how this consultation informed and/or modified NGTL's environmental monitoring program;</p> <p>vii. a summary of NGTL's engagement efforts, undertaken during the reporting period, with relevant Indigenous peoples, including:</p> <p>a. a summary of monitoring opportunities for Indigenous peoples created during the reporting period; and</p> <p>b. the numbers of self-identified Indigenous-owned businesses and individuals employed;</p> <p>viii. provides proposed measures and the schedule that NGTL would implement to address ongoing issues or concerns; and</p> <p>ix. includes an evaluation of the effectiveness of access control measures.</p> <p>The report shall include, but is not limited to, information specific to the effectiveness of mitigation applied to minimize effects on: soils, weeds, watercourse crossings, wetlands, wildlife and wildlife habitat, Key Wildlife and Biodiversity Zones, wildlife species at risk and of special concern, including caribou, and fish and fish habitat.</p> <p>b) NGTL shall provide a copy of the report to all Indigenous peoples who have expressed an interest in receiving a copy; and NGTL shall, <b>within 7 days of the filing</b>, provide confirmation to the Commission that it has provided those copies.</p>						
129	CER	Certificate GC-131	<p><b>30. Caribou Habitat Restoration Implementation Report and Status Update</b></p> <p>a) NGTL shall file with the Commission for approval, a Caribou Habitat Restoration Implementation Report and Status Update on the implementation and status of caribou habitat restoration measures undertaken on the Project ROW in areas of the Project within caribou habitat. This report shall be filed <b>on or before 1 November after the implementation of the restoration measures</b> and shall include, at a minimum:</p>	Condition 30	C12987	Planned	Operations		Environmental Permitting and Planning

Commitment Number	Commitment To	Category	Description of Commitment	Source	Document References (Filing ID)	Status	Project Phase	Comments	Accountability
			<ul style="list-style-type: none"> <li>i. a table of caribou habitat restoration measures implemented including their location on the ROW, their distance or spatial extent, the site-specific method applied at each location, a description of the adjacent off-ROW habitat, as well as any site-specific challenges;</li> <li>ii. updated Environmental Alignment Sheets showing the types of measures implemented and at what locations;</li> <li>iii. updates to consultation logs;</li> <li>iv. a summary of the input received from the Government of Alberta regarding the identification of suitable locations for offsets, if available;</li> <li>v. offset measures planning status; and</li> <li>vi. updates or considerations, if any, from any relevant federal and/or provincial range or action plans.</li> </ul> <p>b) If a Project-specific Indigenous Working Group has been formed, the report shall include:</p> <ul style="list-style-type: none"> <li>i. a description of the collaboration with the IWG that has occurred with respect to the development of the filing, including how caribou-specific Indigenous knowledge has been incorporated into the filing, including the incorporation of cultural ceremonies; and,</li> <li>ii. a summary of any issues or concerns raised by interested Indigenous groups regarding the filing, including how NGTL has addressed the issue or concern in the filing, any ongoing collaborative attempts to resolve the issue or concern, or an explanation as to why the issue or concern will not be addressed; and,</li> </ul> <p>c) NGTL must also provide a copy to all Indigenous peoples who have expressed an interest in receiving a copy, to Environment and Climate Change Canada, and to all appropriate provincial authorities; and NGTL must, <b>within 7 days of the filing in a)</b>, provide confirmation to the Commission that it has provided those copies.</p>						
130	CER	Certificate GC-131	<p><b>31. Caribou Habitat Offset Measures Implementation Report</b></p> <p>a) NGTL shall file with the Commission for approval, a Caribou Habitat Offset Measures Implementation Report (CHOMIR) demonstrating how all Project related residual effects from directly and indirectly disturbed caribou habitat have been offset. This implementation report shall be filed <b>on or before 31 March after the implementation of offset measures</b> and shall include:</p>	Condition 31	C12987	Planned	Operations		Environmental Permitting and Planning

Commitment Number	Commitment To	Category	Description of Commitment	Source	Document References (Filing ID)	Status	Project Phase	Comments	Accountability
			<ul style="list-style-type: none"> <li>i. a summary of consultation, planning and engagement activities with Indigenous peoples that expressed an interest in being involved with the CHOMIR and related filings during the GH-002-2019 hearing process, regarding development and finalization of the CHOMIR. These summaries shall include but not be limited to:                             <ul style="list-style-type: none"> <li>a. any recommendations or input provided regarding the development of the CHOMIR for the Project, how any input or recommendations informed and were incorporated into the final report, and an explanation, as applicable, why any input or recommendations were not incorporated;</li> <li>b. any comments and concerns raised specific to the CHOMIR;</li> <li>c. a description of how NGTL has addressed or will address the concerns or comments raised;</li> <li>d. a description of any outstanding concerns; and</li> <li>e. a description of how NGTL intends to address any outstanding concerns, or an explanation as to why no further steps will be taken;</li> </ul> </li> <li>ii. an inventory of what measures were implemented, at what map locations, for what distance or spatial area, and on what type of previous disturbance (e.g., type, width, age, condition);</li> <li>iii. a description of factors considered when determining the location for offset measures, including consideration of both site-specific factors, landscape level factors and how the selected locations optimized landscape restoration or preservation;</li> <li>iv. how the measures at those locations met the Offset Measures Plan criteria for offsets;</li> <li>v. demonstration as to how the offset measures have offset the Project residual effects; and</li> <li>vi. evidence of how consultation feedback was integrated into the implementation of offsets, including:                             <ul style="list-style-type: none"> <li>a. any feedback from federal or provincial authorities; and</li> <li>b. any potentially affected Indigenous peoples whose traditional territory is located where the offset measures may be implemented; and,</li> </ul> </li> </ul> <p>b) If a Project-specific Indigenous Working Group has been formed, the report shall include:</p>						



Commitment Number	Commitment To	Category	Description of Commitment	Source	Document References (Filing ID)	Status	Project Phase	Comments	Accountability
			<ul style="list-style-type: none"> <li>i. a description of the collaboration with the IWG that has occurred with respect to the development of the filing, including how caribou-specific Indigenous knowledge has been incorporated into the filing, including the incorporation of cultural ceremonies; and,</li> <li>ii. a summary of any issues or concerns raised by interested Indigenous groups regarding the filing, including how NGTL has addressed the issue or concern in the filing, any ongoing collaborative attempts to resolve the issue or concern, or an explanation as to why the issue or concern will not be addressed; and,</li> <li>c) NGTL must also provide a copy to all Indigenous peoples who have expressed an interest in receiving a copy, to Environment and Climate Change Canada, and to all appropriate provincial authorities; and NGTL must, <b>within 7 days of the filing in a)</b>, provide confirmation to the Commission that it has provided those copies.</li> </ul>						
131	CER	Certificate GC-131	<p><b>32. Caribou Habitat Restoration and Offset Measures Monitoring Program</b></p> <ul style="list-style-type: none"> <li>a) NGTL shall file with the Commission for approval, <b>on or before 31 March after the second complete growing season after commencing operation of the Project</b>, a Caribou Habitat Restoration and Offset Measures Monitoring Program for monitoring and verifying the effectiveness of the caribou habitat restoration and offset measures implemented as part of the Caribou Habitat Restoration and Offset Measures Plan. This Caribou Habitat Restoration and Offset Measures Monitoring Program shall include, but not be limited to: <ul style="list-style-type: none"> <li>i. a summary of consultation, planning and engagement activities with Indigenous peoples that expressed an interest in being involved with the Caribou Habitat Restoration and Offset Measures Monitoring Program and related filings during the GH-002-2019 hearing process, regarding development and finalization of the Caribou Habitat Restoration and Offset Measures Monitoring Program. These summaries shall include but not be limited to <ul style="list-style-type: none"> <li>a. any recommendations or input provided regarding the development of the Caribou Habitat Restoration and Offset Measures Monitoring Program for the Project, how any input or recommendations informed and were incorporated into the final report, and an explanation, as applicable, why any input or recommendations were not incorporated;</li> </ul> </li> </ul> </li> </ul>	Condition 32	C12987	Planned	Operations		Environmental Permitting and Planning

Commitment Number	Commitment To	Category	Description of Commitment	Source	Document References (Filing ID)	Status	Project Phase	Comments	Accountability
			<ul style="list-style-type: none"> <li>b. any comments and concerns raised by Dene Tha First Nation, Driftpile Cree Nation, and Peerless Trout First Nation specific to the Caribou Habitat Restoration and Offset Measures Monitoring Program;</li> <li>c. a description of how NGTL has addressed or will address the concerns or comments raised;</li> <li>d. a description of any outstanding concerns; and</li> <li>e. a description of how NGTL intends to address any outstanding concerns, or an explanation as to why no further steps will be taken;</li> <li>ii. the scientific methodology and protocols for short-term and long-term monitoring of the restoration and offset measures, including the appropriate duration of monitoring for each type of measure implemented;</li> <li>iii. sufficient sampling and control locations to provide statistical validity for each measure, accounting for ecological conditions;</li> <li>iv. protocols for how restoration and offset measures will be adapted, as required, based on the monitoring results from either this Program or other NGTL Caribou Habitat Restoration and Offset Measures Monitoring Plans or Programs;</li> <li>v. a quantitative assessment that demonstrates how the previously calculated residual effects have been offset by the measures implemented, to be updated in each report based on monitoring results; and</li> <li>vi. a schedule for filing reports of monitoring results and the adaptive management responses, to the Commission, Environment and Climate Change Canada and provincial authorities to be contained in the Caribou Habitat Restoration and Offset Measures Monitoring Program as well as at the beginning of each report filed.</li> <li>b) If a Project-specific Indigenous Working Group has been formed, the report shall include: <ul style="list-style-type: none"> <li>i. a description of the collaboration with the IWG that has occurred with respect to the development of the filing, including how caribou-specific Indigenous knowledge has been incorporated into the filing, including the incorporation of cultural ceremonies; and,</li> <li>ii. a summary of any issues or concerns raised by interested Indigenous groups regarding the filing, including how NGTL has addressed the issue or concern in the filing, any ongoing collaborative</li> </ul> </li> </ul>						

Commitment Number	Commitment To	Category	Description of Commitment	Source	Document References (Filing ID)	Status	Project Phase	Comments	Accountability
			attempts to resolve the issue or concern, or an explanation as to why the issue or concern will not be addressed; and, c) NGTL must also provide a copy to all Indigenous peoples who have expressed an interest in receiving a copy; and NGTL must, <b>within 7 days of the filing in a)</b> , provide confirmation to the Commission that it has provided those copies.						
132	CER	Certificate GC-131	<b>33. Caribou Monitoring Reports</b> a) NGTL shall file with the Commission for approval, in accordance with the schedule referred to in the Caribou Habitat Restoration and Offset Measures Monitoring Program (Condition 32), Caribou Monitoring Report(s), outlining the results of the Caribou Habitat Restoration and Offset Measures Monitoring Program. The Caribou Monitoring Report(s), if a Project-specific Indigenous Working Group has been formed, shall include: i. a description of the collaboration with the IWG that has occurred with respect to the development of the filing, including how caribou-specific Indigenous knowledge has been incorporated into the filing, including the incorporation of cultural ceremonies; and ii. a summary of any issues or concerns raised by interested Indigenous groups regarding the filing, including how NGTL has addressed the issue or concern in the filing, any ongoing collaborative attempts to resolve the issue or concern, or an explanation as to why the issue or concern will not be addressed; and, b) NGTL must also provide a copy to all Indigenous peoples who have expressed an interest in receiving a copy; and NGTL must, <b>within 7 days of the filing</b> provide confirmation to the Commission that it has provided those copies.	Condition 33	C12987	Planned	Operations		Environmental Permitting and Planning
133	CER	Certificate GC-131 Conditions	<b>34. Pipeline Geographic Information System (GIS) Data</b> NGTL must file with the Commission, <b>within one year after commencing operations</b> , as built GIS data in the form of Esri® shapefiles. This must include: a) a file that contains all pipeline segment center lines (with line geometry type), where each segment has unique attribute values of outside diameter, wall thickness, maximum operating pressure, external coating, field-applied girth weld coating, pipe manufacturing specification and depth of cover. If above values of the pipeline change at any point along the pipeline, the pipeline must be segmented at that point. Spatial reference specification:	Condition 34	C12987	Planned	Operations		Project Engineering

Commitment Number	Commitment To	Category	Description of Commitment	Source	Document References (Filing ID)	Status	Project Phase	Comments	Accountability
			<p>GCS_North_American_1983_CSRS. WKID: 4617, Authority: EPSG, Unit of Measure for linear attributes: Metric. This file must include details on the degree of accuracy of the GIS data: better than +/- 0.1m (8 Decimal Digits for geometry); and</p> <p>b) a file that depicts point locations and names of compressor stations, terminals, custody transfer meters, and block valves, as applicable. The datum must be NAD83 and projection must be geographic (latitudes and longitudes).</p> <p>The filing required by the condition must include a statement confirming that the signatory to the filing is the Accountable Officer of NGTL.</p>						
134	CER	Certificate GC-131	<p><b>35. Support for Indigenous Groups to Review NGTL Filings Related to Conditions</b></p> <p>Upon request, NGTL shall offer funding to Indigenous peoples to support their review of NGTL's filings related to conditions.</p> <p>a) NGTL shall file with the Commission, at least 45 days prior to commencing construction of the Section 52 Pipeline and Related Facilities, and every 6 months until the conditions identified are filed, a summary of the discussions it has had with Indigenous peoples regarding filings related to conditions. This shall include discussions on funding to support the review of filings related to Conditions 4, 5, 6, 7, 8, 10, 12, 14, 15, 20, 25, 27, 28, 29, 30, 31, 32, 33, and 37, and other conditions for which Indigenous peoples express an interest in receiving copies of filings, with a description of any outstanding concerns raised by Indigenous peoples regarding NGTL's offer of funding to support their review, including a description of how these concerns have been or will be addressed by NGTL, or a detailed explanation of why these concerns will not be addressed by NGTL.</p> <p>b) NGTL must also provide a list of Indigenous peoples who have expressed an interest in receiving a copy of filings related to any of Conditions 4, 5, 6, 7, 8, 10, 12, 14, 15, 20, 25, 27, 28, 29, 30, 31, 32, 33, and 37, and other conditions for which Indigenous peoples expressed an interest in receiving copies of filings, and which Indigenous peoples expressed an interest in which filings.</p>	Condition 35	C12987	In Progress	Operations	<p>Condition 35:</p> <ul style="list-style-type: none"> <li>Report No. 1 filed July 23, 2021 (C14204).</li> </ul>	Indigenous Relations
135	CER	Certificate GC-131	<p><b>36. Indigenous Working Group for the Chinchaga and Red Earth Caribou Ranges</b></p> <p>For the purpose of informing the planning and implementation of caribou habitat restoration, offsets, and monitoring, and for the development of other filings relating to caribou required under Conditions 30, 31, 32, and 33, including ensuring the collection and</p>	Condition 36	C12987	In Progress	All Project Phases	Condition 36(a) filed September 7, 2021 (C14817).	<ul style="list-style-type: none"> <li>Indigenous Relations</li> <li>Environmental Permitting and Planning</li> </ul>

Commitment Number	Commitment To	Category	Description of Commitment	Source	Document References (Filing ID)	Status	Project Phase	Comments	Accountability
			<p>incorporation of caribou-specific Indigenous knowledge, NGTL must seek to establish an Indigenous Working Group (IWG) for the Chinchaga and Red Earth Caribou Ranges with any interested Indigenous groups who are potentially affected by the Project and who express an interest in participating.</p> <p>a) NGTL must file with the Commission, within four months of issuance of the certificate for the Project, a plan for the establishment of an IWG. The plan is to be developed in collaboration with those Indigenous groups who are potentially affected by the Project and who expressed an interest in participating, and must include at a minimum:</p> <ul style="list-style-type: none"> <li>i. a summary of any activities undertaken to-date for the development of the plan to establish an IWG; and,</li> <li>ii. the planned steps for establishing an IWG, including an outline and timeline of activities for collaboration on the development of the IWG and its working documents.</li> </ul> <p>For clarification, this plan is not required to be filed prior to the commencement of construction nor are any of the conditions that require filings for approval prior to construction contingent upon the filing of this plan.</p> <p>b) NGTL must file with the Commission, within eight months of issuance of the certificate for the Project, and annually thereafter throughout the lifespan of the IWG, a report on the progress of the establishment and activities of the IWG:</p> <ul style="list-style-type: none"> <li>i. if one or more of the Indigenous groups agree to participate in the IWG, the report must confirm the establishment of the IWG and describe: <ul style="list-style-type: none"> <li>1) the membership of the IWG;</li> <li>2) the collaboratively developed working documents of the IWG, including, as agreed to by the membership of the IWG: <ul style="list-style-type: none"> <li>• any terms of reference;</li> <li>• the scope of the IWG, including confirmation of any aspects of the CHR&amp;OMP that have already been implemented or irreversibly committed to, or are necessary to achieve at least the same level of protection for caribou and its habitat as committed to during the Commission hearing and in the CHR&amp;OMP, and are thus not open to change;</li> <li>• decision-making protocol;</li> <li>• dispute resolution process;</li> </ul> </li> </ul> </li> </ul>						

Commitment Number	Commitment To	Category	Description of Commitment	Source	Document References (Filing ID)	Status	Project Phase	Comments	Accountability
			<ul style="list-style-type: none"> <li>• work plan; and</li> <li>• the lifespan of the IWG;</li> </ul> <p>3) a summary of any issues or concerns raised by the Indigenous groups regarding the functioning of the IWG, including plans or mechanisms for collaborative resolution of those issues, or an explanation as to why any issue or concern identified by the Indigenous groups will not be addressed. NGTL must include any correspondence from the Indigenous groups, provided upon request from an Indigenous group and subject to any confidentiality agreements, that outlines any issue or concern raised;</p> <p>4) a summary of specific input on offsets, if provided by the IWG, and confirmation that these have been provided to the Government of Alberta, or if not, an explanation as to why not;</p> <p>5) a description of the process used to share information received from the Government of Alberta with the IWG and to provide the IWG with the opportunity to provide comments to the proponent, including how these comments were addressed, or if not an explanation as to why not;</p> <p>6) a description of the resources, including funding that NGTL has provided, that will be available to support the participation of the Indigenous groups in the IWG; and</p> <p>7) a summary of activities implemented by the IWG; or, ii. if none of the Indigenous groups agree to participate, or the Indigenous groups do not come to agreement on the terms necessary to establish an IWG within eight months of issuance of the certificate for the Project, the report must include an explanation of NGTL's efforts to create an IWG and a summary of any reasons given by the Indigenous groups for their nonparticipation. If no IWG is formed within 8 months of the issuance of the certificate for the Project, then no further actions with respect to the IWG are required.</p>						
136	CER	Certificate GC-131	<p><b>37. Revised Caribou Habitat Restoration and Offset Measures Plan (CHR&amp;OMP)</b></p> <p>a) NGTL must file with the Commission for approval, <b>at least 60 days prior to commencing construction of the Section 52 Pipeline and Related Facilities</b>, a revised version of the CHR&amp;OMP. The updated version of the CHR&amp;OMP is to include a summary of</p>	Condition 37	C12987	In Progress	Pre-Construction	<p>On September 14, 2021, NGTL provided all Aboriginal groups engaged with, a copy of the draft revised CHR&amp;OMP for feedback.</p> <p>On October 14, 2021, NGTL provided Aboriginal groups engaged with, an updated schedule (Table</p>	Environmental Permitting and Planning

Commitment Number	Commitment To	Category	Description of Commitment	Source	Document References (Filing ID)	Status	Project Phase	Comments	Accountability
			<p>consultation with any interested Indigenous peoples who are potentially affected by the Project and who expressed an interest in participating to confirm that all caribou-specific Indigenous knowledge that has been provided has been reflected. The revised CHR&amp;OMP will include:</p> <ul style="list-style-type: none"> <li>i. a revision log of the updates made and the reference where the updates can be found in the revised document;</li> <li>ii. a summary of caribou-specific Indigenous knowledge, comments and concerns received from Indigenous communities and the reference where the updates can be found in the revised document. In its summary, NGTL must provide a description and justification for how it has incorporated the results of its consultation, including any recommendations from those consulted, into the CHR&amp;OMP;</li> <li>iii. a description of what type of offsetting measures will be taken outside of the Project area, in addition to the restoration measures along the pipeline, to address the total amount of caribou habitat disturbance of the Project, and, in a manner consistent with the Recovery Strategy for the Woodland Caribou (<i>Rangifer tarandus caribou</i>), Boreal population, in Canada. This must include the anticipated timeframe for when the offset lands will be identified and remediation will commence and a schedule that illustrates how the offsets would be implemented. Specifically, NGTL must ensure that it implements an amount of on-the-ground offsetting measures, as defined in the Recovery Strategy, for restoration of legacy footprint: <ul style="list-style-type: none"> <li>a. within the Chinchaga Caribou Range, that will achieve (post-offset) a minimum amount of 183 hectares of new, undisturbed habitat consistent with the definition in the Federal Recovery Strategy; and,</li> <li>b. within the Red Earth Caribou Range, that will achieve (post-offset) a minimum amount of 603 hectares of new, undisturbed habitat consistent with the definition in the Federal Recovery Strategy; and,</li> </ul> </li> <li>iv. NGTL must consult with the Government of Alberta, or provide a rationale as to why consultation was not possible.</li> </ul> <p>b) NGTL must also provide a copy of the revised plan to all Indigenous peoples who have expressed an interest in receiving a copy, and to Environment and Climate Change Canada and to all appropriate</p>					<p>7-1) and Appendix B from the draft revised CHR&amp;OMP for feedback. Condition 37(a) filed November 8, 2021 (C16025). Condition 37(b) filed November 10, 2021 (C16058).</p>	

Commitment Number	Commitment To	Category	Description of Commitment	Source	Document References (Filing ID)	Status	Project Phase	Comments	Accountability
			provincial authorities; and NGTL must, within 7 days of the filing described in paragraph a), provide confirmation to the Commission that it has provided those copies.						
<b>Order XG-021-2020 and AO-001-XG-021-2020</b>									
137	CER	Order XG-021-2020 and AO-001-XG-021-2020	<b>1. Condition Compliance</b> NGTL shall comply with all of the conditions contained in this Order, unless the Commission otherwise directs.	Condition 1	C13768	In Progress	All Stages		Program Manager
138	CER	Order XG-021-2020 and AO-001-XG-021-2020	<b>2. Section 58 Facilities and Activities Design, Location, Construction and Operation</b> NGTL shall cause the <b>Section 58 Facilities and Activities</b> to be designed, located, constructed, and operated in accordance with the specifications, standards, commitments made and other information included in its Application and otherwise made on the GH-002-2019 hearing record.	Condition 2	C13768	In Progress	All Stages		Program Manager
139	CER	Order XG-021-2020 and AO-001-XG-021-2020	<b>3. Environmental Protection</b> NGTL shall 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 and otherwise made on the GH-002-2019 hearing record.	Condition 3	C13768	In Progress	All Stages		Environmental Permitting and Planning
140	CER	Order XG-021-2020 and AO-001-XG-021-2020	<b>4. Report on Engagement with Indigenous Peoples</b> a) NGTL shall file with the Commission, <b>at least 45 days prior to commencing construction of the Section 58 Facilities and Activities</b> , and <b>every 3 months</b> thereafter until completing construction, a report summarizing NGTL's engagement with all potentially affected Indigenous peoples. The first reporting period should include updates from 8 April 2020 onward. These reports shall include but not be limited to: i. the methods, dates, and locations of consultation activities, including site visits; ii. a summary of the concerns raised by Indigenous peoples; iii. a description of how NGTL has addressed or will address the concerns raised; iv. a description of any outstanding concerns; and v. a description of how NGTL intends to address any outstanding concerns, or an explanation as to why no further steps will be taken. b) NGTL shall also provide a copy of the report to all Indigenous peoples who have expressed an interest in receiving a copy; and NGTL shall, <b>within 7 days of the filing in a)</b> , provide confirmation to the Commission that it has provided those copies.	Condition 4	C13768	In Progress	<ul style="list-style-type: none"> <li>Pre-Construction</li> <li>Construction</li> </ul>	Condition 4(a) filed: <ul style="list-style-type: none"> <li>Report No. 1 July 23, 2021 (C14197).</li> <li>Report No. 2 October 22, 2021 (C15622).</li> </ul> Condition 4(b) filed: <ul style="list-style-type: none"> <li>Report No. 1 July 29, 2021 (C14264).</li> <li>Report No. 2 October 27, 2021 (C15728).</li> </ul>	Indigenous Relations



Commitment Number	Commitment To	Category	Description of Commitment	Source	Document References (Filing ID)	Status	Project Phase	Comments	Accountability
141	CER	Order XG-021-2020 and AO-001-XG-021-2020	<p><b>5. Indigenous Peoples Employment, Contracting, and Procurement Plan Update</b></p> <p>a) NGTL shall file with the Commission <b>at least 45 days prior to commencing construction of the Section 58 Facilities and Activities</b>, an update on employment, contracting and procurement for Indigenous peoples that includes:</p> <ol style="list-style-type: none"> <li>i. a copy of the Prime Contractor's Aboriginal Participation Plan;</li> <li>ii. a copy of NGTL's Aboriginal Contracting and Employment Program; and</li> <li>iii. a summary of how the Prime Contractor's Aboriginal Participation Plan aligns with NGTL's Aboriginal Contracting and Employment Program.</li> </ol> <p>b) NGTL shall also provide a copy of the plan to all Indigenous peoples who have expressed an interest in receiving a copy; and NGTL shall, <b>within 7 days of the filing in a)</b>, provide confirmation to the Commission that it has provided those copies.</p>	Condition 5	C13768	In Progress	Pre-Construction	<p>Condition 5(a) filed:</p> <ul style="list-style-type: none"> <li>• TC Energy Indigenous, Diverse and Local Participation Plan (IDLPP) Proposal Form and Template July 28, 2021 (C14254).</li> <li>• Paradox Access Solutions Ltd. (Paradox) IDLPP Hidden Lake North CS Unit Addition early earthworks and clearing August 17, 2021 (C14516).</li> </ul> <p>Approval on NGTL's relief from timing request received September 7, 2021 (C14820).</p> <ul style="list-style-type: none"> <li>• <u>Strike Group Limited Partnership (Strike) IDLPP Hidden Lake North CS Unit Addition construction November 12, 2021 (C16099).</u></li> <li>• <u>Royal Camp Services Ltd. (Royal) IDLPP Hidden Lake North CS Unit Addition Workforce Temporary Accommodations (WTA) construction December 22, 2021 (C16944).</u></li> </ul> <p>Condition 5(b) filed:</p> <ul style="list-style-type: none"> <li>• TC Energy IDLPP Proposal Form and Template August 3, 2021 (C14316).</li> <li>• Paradox IDLPP August 18, 2021 (C14521).</li> <li>• <u>Strike IDLPP November 19, 2021 (C16189).</u></li> <li>• <u>Royal IDLPP December 28, 2021 (C16988).</u></li> </ul>	Indigenous Relations Business Engagement
142	CER	Order XG-021-2020 and AO-001-XG-021-2020	<p><b>6. Construction Monitoring Plan for Indigenous Peoples</b></p> <p>a) NGTL shall file with the Commission, <b>at least 45 days prior to commencing construction of the Section 58 Facilities and Activities</b>, a plan describing the participation of Indigenous peoples in monitoring activities during construction. Activities would include monitoring for adverse environmental impacts, heritage resources, areas related to traditional land and resource uses, and areas of cultural significance. The plan shall include, but not be limited to:</p> <ol style="list-style-type: none"> <li>i. a summary of engagement and planning activities undertaken with Indigenous peoples to develop opportunities for their participation in monitoring activities;</li> <li>ii. a description of how the results from its engagement with Indigenous peoples were incorporated into the plan, or an explanation as to why any results have not been incorporated;</li> <li>iii. a list of Indigenous peoples who have reached agreement with NGTL to participate as monitors;</li> <li>iv. description of the anticipated training and participant requirements, including potential certifications for the Indigenous peoples monitors;</li> </ol>	Condition 6	C13768	Complete	Pre-Construction	<p>Condition 6(a) filed July 23, 2021 (C14198).</p> <p>Condition 6(b) filed July 29, 2021 (C14265).</p>	Indigenous Relations

Commitment Number	Commitment To	Category	Description of Commitment	Source	Document References (Filing ID)	Status	Project Phase	Comments	Accountability
			<ul style="list-style-type: none"> <li>v. the scope, methodology, and justification for monitoring activities to be undertaken by NGTL and each participant identified in a) iii, including those elements of construction and geographic locations that will involve monitors;</li> <li>vi. a description of how NGTL will use and incorporate the information gathered through the participation of monitors and apply it to the Project; and</li> <li>vii. a description of how, what form, and the timeframe in which NGTL will provide the information gathered through the participation of monitors to the participating Indigenous peoples.</li> </ul> <p>b) NGTL shall provide a copy of the plan to those Indigenous peoples identified in a) iii; and NGTL shall, <b>within 7 days of the filing in a)</b>, provide confirmation to the Commission that it has provided those copies.</p>						
143	CER	Order XG-021-2020 and AO-001-XG-021-2020	<p><b>7. Outstanding Traditional Land and Resource Use Investigations</b></p> <p>a) NGTL shall file with the Commission for approval, <b>at least 45 days prior to commencing construction of the Section 58 Facilities and Activities</b>, a report on any outstanding traditional land and resource use investigations for the Project. The report shall include, but not be limited to:</p> <ul style="list-style-type: none"> <li>i. a summary of the status of investigations undertaken for the Project, including Indigenous community-specific studies or planned supplemental surveys;</li> <li>ii. a description of how NGTL has considered and addressed information from any investigations on which it did not report during the GH-002-2019 hearing process;</li> <li>iii. a description of any outstanding concerns raised by potentially-affected Indigenous peoples regarding potential effects of the Project on the current use of lands and resources for traditional purposes, including a description of how these concerns have been or will be addressed by NGTL, or a detailed explanation why these concerns will not be addressed by NGTL;</li> <li>iv. a summary of any outstanding investigations or follow-up activities that will not be completed prior to commencing construction, including an explanation why they are not being completed prior to construction; an estimated completion date, if applicable;</li> <li>v. a description of how NGTL has already identified, or will identify, any potentially-affected traditional</li> </ul>	Condition 7	C13768	Complete	Pre-Construction	Condition 7(a) filed July 8, 2021 (C13989). Condition 7(b) filed July 15, 2021 (C14094). Condition 7(a) approved September 7, 2021 (C14820).	Indigenous Relations

Commitment Number	Commitment To	Category	Description of Commitment	Source	Document References (Filing ID)	Status	Project Phase	Comments	Accountability
			land and resource use sites or resources if the outstanding investigations will not be completed prior to construction; and vi. a description of how NGTL has incorporated any revisions necessitated by the investigations or follow-up activities into the Environmental Protection Plan for the Project, or, if appropriate, into NGTL lifecycle oversight. b) NGTL shall also provide a copy of the report to all Indigenous peoples who have expressed an interest in receiving a copy; and NGTL shall, <b>within 7 days of the filing in a)</b> , provide confirmation to the Commission that it provided those copies.						
144	CER	Order XG-021-2020 and AO-001-XG-021-2020	<b>8. Heritage Resource Clearances</b> a) NGTL shall file with the Commission, at least 30 days prior to commencing construction of the Section 58 Facilities and Activities: i. confirmation, signed by the Accountable Officer of the company, that NGTL has obtained all of the required archaeological and heritage resource clearances from the Alberta Ministry of Culture, Multiculturalism and Status of Women; ii. a description of how NGTL will meet any conditions and respond to any comments and recommendations contained in the clearances referred to in i; and iii. 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 ii. b) NGTL shall also provide a copy to all Indigenous peoples who have expressed an interest in receiving a copy of this information; and NGTL shall, <b>within 7 days of the filing in a)</b> , provide confirmation to the Commission that it has provided those copies.	Condition 8	C13768	In Progress	Pre-Construction	Condition 8(a) filed August 6, 2021 (C14363). Condition 8(b) filed August 13, 2021 (C14521).	Environmental Permitting and Planning
145	CER	Order XG-021-2020 and AO-001-XG-021-2020	<b>9. Construction Camp Management Plan</b> a) NGTL shall file with the Commission, at least 45 days prior to commencing construction at any of the temporary construction camp sites, a Construction Camp Management Plan that applies to all construction camps, including: i. a list of any applicable legislative requirements; ii. a copy of the Code of Conduct for camp residents; iii. confirmation that camp residents will be provided all appropriate orientation materials including information regarding Indigenous culture, history and traditional land use and best practices	Condition 9	C13768	In Progress	Pre-Construction	On November 18, 2021, NGTL sent a copy of the draft Camp Management Plan to Indigenous groups engaged with on the Project, for review and feedback. <u>Condition 9(a) filed December 22, 2021 (C16945).</u> <u>Condition 9(c) filed December 28, 2021 (C16989).</u>	<ul style="list-style-type: none"> <li>Program Management</li> <li>Construction Management</li> </ul>

Commitment Number	Commitment To	Category	Description of Commitment	Source	Document References (Filing ID)	Status	Project Phase	Comments	Accountability
			<p>regarding conducting work activities with integrity, mutual respect and collaboration with Indigenous peoples;</p> <p>iv. confirmation that NGTL has inquired with Indigenous peoples with traditional territory in the vicinity of the temporary construction camp sites regarding their potential interest in providing any elements of training regarding Indigenous culture, history and traditional land use as referenced in iii above, outline the steps that NGTL has taken to facilitate feedback, and summarize how feedback was considered in the finalization of the training material; and</p> <p>v. a summary of training that will be specifically provided to camp residents regarding gender-based issues or impacts.</p> <p>b) NGTL shall also file a summary of NGTL's and/or its Prime Contractor(s)' consultation activities regarding the camps and/or the Construction Camp Management Plan with the relevant municipalities, regional authorities, and any potentially affected stakeholders and Indigenous peoples not already reported in the GH-02-2019 proceeding, including:</p> <p>i. a summary of any comments and concerns raised specific to the camps and/or the Construction Camp Management Plan;</p> <p>ii. a description of how NGTL has addressed or will address the concerns or comments raised;</p> <p>iii. a description of any outstanding concerns; and</p> <p>iv. a description of how NGTL intends to address any outstanding concerns, or an explanation as to why no further steps will be taken.</p> <p>c) NGTL shall provide a copy of the plan and consultation summary to those who raised issues or concerns in b); and NGTL shall, <b>within 7 days of the filing of a) and b)</b>, provide confirmation to the Commission that it provided those copies.</p>						
146	CER	Order XG-021-2020 and AO-001-XG-021-2020	<p><b>10. Engagement with Driftpile Cree Nation, Whitefish Lake First Nation #459 and Peerless Trout First Nation about Temporary Infrastructure Locations</b></p> <p>NGTL shall file with the Commission, <b>at least 30 days prior to commencing construction of the Section 58 Facilities and Activities</b>, an update on planning and engagement activities conducted with Driftpile Cree Nation, Whitefish Lake First Nation #459 and Peerless Trout First Nation regarding temporary infrastructure locations (e.g., construction camps, equipment and staging areas) approved pursuant to this Order. The update shall include:</p>	Condition 10	C13768	Complete	Pre-Construction	Condition 10(a) filed August 6, 2021 (C14365). Condition 10(b) filed August 13, 2021 (C14454).	Indigenous Relations

Commitment Number	Commitment To	Category	Description of Commitment	Source	Document References (Filing ID)	Status	Project Phase	Comments	Accountability
			<p>a) a list of the locations and dimensions of temporary infrastructure locations (e.g., construction camps, equipment and staging areas);</p> <p>b) a summary of consultation and planning activities with Driftpile Cree Nation, Whitefish Lake First Nation #459 and Peerless Trout First Nation regarding temporary infrastructure locations (e.g., construction camps, equipment and staging areas). The first reporting period should include updates from 19 February 2020 onward. These reports shall include but, not be limited to:</p> <ul style="list-style-type: none"> <li>i. a summary of any recommendations or input provided by Driftpile Cree Nation, Whitefish Lake First Nation #459 and Peerless Trout First Nation regarding the siting of temporary infrastructure locations (e.g., equipment and staging areas) including construction camp locations for the Project, how any input or recommendations informed the final temporary infrastructure and workspaces locations, and an explanation, as applicable, why any recommendations were not incorporated;</li> <li>ii. a summary of any comments and concerns raised by Driftpile Cree Nation, Whitefish Lake First Nation #459 and Peerless Trout First Nation specific to temporary infrastructure locations (e.g., construction camps, equipment and staging areas);</li> <li>iii. a description of how NGTL has addressed or will address the concerns or comments raised;</li> <li>iv. a description of any outstanding concerns;</li> <li>v. a description of how NGTL intends to address any outstanding concerns, or an explanation as to why no further steps will be taken; and</li> <li>vi. a summary showing how input from Driftpile Cree Nation, Whitefish Lake First Nation #459 and Peerless Trout First Nation has influenced the design, construction or operation of the Project specific to temporary infrastructure locations (e.g., construction camps, equipment and staging areas).</li> </ul> <p>b) NGTL shall also provide a copy of the update to Driftpile Cree Nation, Whitefish Lake First Nation #459 and Peerless Trout First Nation, if desired; and NGTL shall, <b>within 7 days of the filing in a)</b>, provide confirmation to the Commission that it provided, or offered to provide, those copies.</p>						
147	CER	Order XG-021-2020 and AO-001-XG-021-2020	<b>11. Emergency Management Continuing Education Program</b>	Condition 11	C13768	Complete	Pre-Construction	Condition 11(a) filed August 6, 2021 (C14362). Condition 11(b) filed August 13, 2021 (C14452).	Emergency Management

Commitment Number	Commitment To	Category	Description of Commitment	Source	Document References (Filing ID)	Status	Project Phase	Comments	Accountability
			<p>a) NGTL shall file with the Commission, <b>at least 30 days prior to commencing construction</b>, a Project-specific plan (Plan) that outlines the development of a continuing education program for the Project (Program) and how it would be incorporated into the broader continuing education program required by section 35 of the OPR (SOR/99-294). The Plan shall include:</p> <ul style="list-style-type: none"> <li>i. a list of potentially affected Indigenous peoples, first responders (for example, police, fire departments, medical facilities), and any other appropriate organizations, government authorities or agencies (for example, municipalities) that have been identified for consultation and the results of consultation to date;</li> <li>ii. the goals, principles and objectives for consultation for the development of the Program including evidence of how consultation feedback was integrated into the Program;</li> <li>iii. a description of how information provided by potentially affected Indigenous peoples, first responders or any other appropriate organizations, government authorities or agencies will be incorporated into the Program, including a description of NGTL's procedure to communicate to potentially affected parties how their information will be incorporated into the Program and justification for why any information may not have been incorporated into the Program;</li> <li>iv. a description of how Program information would be communicated or distributed to potentially affected Indigenous peoples, first responders, and any other appropriate organizations, government authorities and agencies, including how NGTL will address any requests from potentially affected Indigenous peoples to have Program information translated into the local Indigenous language; and</li> <li>v. a summary of the information to be included in the Program, including: <ul style="list-style-type: none"> <li>a. potential emergency situations involving the <b>Section 58 Facilities and Activities</b>, including but not limited to, spills or releases and incidents as defined by the NEB Event Reporting Guidelines;</li> <li>b. the safety procedures to be followed in the case of an emergency;</li> <li>c. a description of how NGTL will conduct annual testing of emergency contact information, including with Indigenous</li> </ul> </li> </ul>						

Commitment Number	Commitment To	Category	Description of Commitment	Source	Document References (Filing ID)	Status	Project Phase	Comments	Accountability
			<p>peoples, and how NGTL will ensure the group being contacted has up-to-date company emergency contact information as well;</p> <p>d. the methods by which potentially affected Indigenous peoples, first responders, and any other appropriate organizations, government authorities and agencies can contact NGTL in the case of an emergency situation; and</p> <p>e. the methods by which NGTL can contact potentially affected Indigenous peoples, first responders, and any other appropriate organizations, government authorities and agencies in the case of an emergency situation.</p> <p>b) NGTL shall also provide a copy to all Indigenous peoples who have expressed an interest in receiving a copy; and NGTL shall, <b>within 7 days of the filing in a)</b>, provide confirmation to the Commission that it has provided those copies.</p>						
148	CER	Order XG-021-2020 and AO-001-XG-021-2020	<p><b>12. Programs and Manuals</b></p> <p>NGTL shall file with the Commission, <b>at least 30 days prior to commencing construction</b>, confirmation that a Construction Safety Manual(s) pursuant to section 20 of the OPR that includes a description of the roles and responsibilities of the company representatives and its contractor(s) supervisory roles is in place for the Project. This confirmation shall be signed by the Accountable Officer of the Company.</p>	Condition 12	C13768	In Progress	Pre-Construction	<p>Condition 12 <u>filed</u>:</p> <ul style="list-style-type: none"> <li><u>Hidden Lake North CS Unit Addition Clearing and Early Earthworks filed August 6, 2021 (C14364).</u></li> <li><u>Hidden Lake North CS Unit Addition main construction December 13, 2021 (C16736).</u></li> </ul>	Safety Representative
149	CER	Order XG-021-2020 and AO-001-XG-021-2020	<p><b>13. Environmental Protection Plan (EPP) for Section 58 Facilities and Activities</b></p> <p>a) NGTL shall file with the Commission, for approval, <b>at least 45 days prior to commencing construction</b>, updated EPPs (including Environmental Alignment Sheets) specific to the Section 58 Facilities and Activities. The updated version of the EPP is to include revisions based on evidence provided during the hearing process. The updated EPP must include, but not be limited to, the following:</p> <ol style="list-style-type: none"> <li>environmental protection procedures (including site-specific plans), criteria for implementing these procedures, mitigation measures and monitoring applicable to all Project phases and activities;</li> <li>any updates to contingency plans and management plans;</li> <li>a description of the condition to which NGTL intends to reclaim and maintain the rights-of-way, once construction has been completed, and a description of measurable goals for reclamation;</li> </ol>	Condition 13	C13768	Complete	Pre-Construction	<p>Condition 13(a) filed July 23, 2021 (C14203). Condition 13(b) filed July 29, 2021 (C14266). Condition 13(a) approved September 7, 2021 (C14820).</p>	Environmental Permitting and Planning

Commitment Number	Commitment To	Category	Description of Commitment	Source	Document References (Filing ID)	Status	Project Phase	Comments	Accountability
			<p>iv. a list of measures to be taken during construction to minimize disturbance to caribou and caribou habitat and help accelerate habitat restoration, including:</p> <p>a. any provincial and federal best practices, requirements and timing restrictions specifically related to minimizing construction disturbance; and</p> <p>b. the criteria for where those measures will be taken;</p> <p>v. all specific mitigation related to species at risk and their habitat, and Key Wildlife and Biodiversity Zones;</p> <p>vi. a list of any site-specific mitigation measures that were developed, if any, in response to traditional land and resource use sites identified by Indigenous peoples;</p> <p>vii. updated environmental alignment sheets;</p> <p>viii. evidence demonstrating that consultation took place with relevant government authorities, where applicable; and</p> <p>ix. a revision log of the updates made, the reference where the updates can be found in the revised document, as well as the reference from the hearing evidence for each update.</p> <p>b) NGTL must also provide a copy to all Indigenous peoples who have expressed an interest in receiving a copy; and NGTL must, <b>within 7 days of the filing in a)</b>, provide confirmation to the Commission that it has provided those copies.</p>						
150	CER	Order XG-021-2020 and AO-001-XG-021-2020	<p><b>14. Construction Schedule</b></p> <p>a) NGTL must, <b>at least 14 days prior to the commencement of construction of the approved Section 58 Facilities and Activities</b>, file with the Commission a detailed construction schedule or schedules identifying major construction activities and must notify the Commission of any modifications to the schedule or schedules as they occur.</p> <p>b) NGTL must also provide a copy to all Indigenous peoples who have expressed an interest in receiving a copy; and NGTL must, <b>within 7 days of the filing in a)</b>, provide confirmation to the Commission that it has provided those copies.</p>	Condition 14	C13768	Ongoing	Pre-Construction	<p>Condition 14(a) filed:</p> <ul style="list-style-type: none"> <li>• <u>-Clearing August 23, 2021 (C14586).</u></li> <li>• <u>Main construction December 14, 2021 (C16755).</u></li> </ul> <p>Condition 14(b) filed</p> <ul style="list-style-type: none"> <li>• <u>Clearing August 30, 2021 (C14673).</u></li> <li>• <u>Main construction December 15, 2021 (C16799).</u></li> </ul>	Program Management
151	CER	Order XG-021-2020 and AO-001-XG-021-2020	<p><b>15. Construction Emergency Management Preparedness and Response Planning</b></p> <p>a) NGTL must file with the Commission, <b>at least 60 days prior to commencing construction</b>, the Emergency Response Plan, specific to the Section 58 Facilities and Activities that will be implemented</p>	Condition 15	C13768	In Progress	Pre-Construction	<p>Condition 15(a) filed:</p> <ul style="list-style-type: none"> <li>• TC Energy Emergency Response Plan (ERP) template July 8, 2021 (C13990).</li> <li>• Paradox Access Solutions Ltd. (Paradox) Hidden Lake North CS Unit Addition Clearing</li> </ul>	Safety Representative



Commitment Number	Commitment To	Category	Description of Commitment	Source	Document References (Filing ID)	Status	Project Phase	Comments	Accountability
			<p>during the construction phase of the Section 58 Facilities and Activities. The plan must include spill contingency measures that NGTL will employ in response to accidental spills attributable to construction activities, 24-hour medical evacuation, fire response and security.</p> <p>b) NGTL must also provide a copy to all Indigenous peoples who have expressed an interest in receiving a copy; and NGTL must, <b>within 7 days of the filing in a)</b>, provide confirmation to the Commission that it has provided those copies.</p>					<p>and Early Earthworks ERP July 26, 2021 (C14226).</p> <ul style="list-style-type: none"> <li>• <del>Strike</del> Strike Group Limited Partnership (<del>Strike</del>Strike) Hidden Lake North CS Unit Addition Construction ERP November 10, 2021 (C16074).</li> <li>• <u>Royal Camp Services Ltd. (Royal) Hidden Lake North CS Unit Addition Workforce Temporary Accommodations (WTA) Construction ERP December 21, 2021 (C16929).</u></li> </ul> <p>Approval on NGTL's relief from timing request received September 7, 2021 (C14820).</p> <p>Condition 15(b) filed:</p> <ul style="list-style-type: none"> <li>• TC Energy ERP template – July 15, 2021 (C14095).</li> <li>• <del>Paradox Hidden Lake North CS Unit Addition Clearing and Early Earthworks ERP</del> July 29, 2021 (C14267).</li> <li>• <del>Strike</del> Strike Hidden Lake North CS Unit Addition Construction ERP November 15, 2021 (C16118).</li> <li>• <u>Royal ERP December 28, 2021 (C16991).</u></li> </ul>	
152	CER	Order XG-021-2020 and AO-001-XG-021-2020	<p><b>16. Commitments Tracking Table</b></p> <p>a) NGTL shall: File with the Commission and post on its Project website, within 90 days from the date of this Order and at least 30 days prior to commencing construction on the Section 58 Facilities and Activities, a Commitments Tracking Table listing all commitments made by NGTL, including to Indigenous peoples, in its Application, and otherwise made on the GH-002-2019 hearing record, and that includes references to:</p> <ol style="list-style-type: none"> <li>the documentation in which the commitment appears (for example, the Application, responses to Information Requests, hearing transcripts, permit requirements, condition filings, or other);</li> <li>traditional land and resource use information from potentially affected Indigenous peoples;</li> <li>the accountable lead for implementing each commitment; and</li> <li>the estimated timelines associated with the fulfillment of each commitment.</li> </ol> <p>b) Update the status of the commitments in a) on its Project website and file these updates with the Commission on:</p> <ol style="list-style-type: none"> <li>a monthly basis until commencing operations; and</li> </ol>	Condition 16	C13768	In Progress	Pre-Construction	<p>Condition 16 filed:</p> <ul style="list-style-type: none"> <li>• CTT No. 1 <del>filed</del> August 5, 2021 (C14348).</li> <li>• CTT No. 2 <del>filed</del> September 2, 2021 (C14775).</li> <li>• CTT No. 3 <del>filed</del> October 5, 2021 (C15274).</li> <li>• <u>CTT No. 4 filed</u> November 5, 2021 (C15975).</li> <li>• <u>CTT No. 5</u> December 3, 2021 (C16424).</li> </ul>	All

Commitment Number	Commitment To	Category	Description of Commitment	Source	Document References (Filing ID)	Status	Project Phase	Comments	Accountability
			ii. every six months until the end of the fifth year following the commencement of operations. c) Maintain at its Project site during the life cycle of the Project: i. the Commitments Tracking Table listing all regulatory commitments and their completion status, including those commitments resulting from NGTL's Application and subsequent filings and conditions from permits, authorizations and approvals; ii. copies of any permits, approvals or authorizations 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 permits, approvals or authorizations in c) ii.						
153	CER	Order XG-021-2020 and AO-001-XG-021-2020	<b>17. Sunset Clause</b> This Order shall expire on 30 June 2024, unless construction in respect of the <b>Section 58 Facilities and Activities</b> has commenced by that date.	Condition 17	C13768	<del>Planned</del> Complete	Construction	<u>Clearing activities began September 8, 2021.</u>	Regulatory
154	CER	Order XG-021-2020 and AO-001-XG-021-2020	<b>18. Construction Progress Reports (CPR)</b> NGTL must file with the Commission, <b>by the 16th day and by the last day of each month during construction</b> , construction progress reports. The report must include: a) information on the activities carried out during the reporting period; b) any environmental, socio-economic, safety and security issues and issues of noncompliance; and c) the measures undertaken for the resolution of each issue and noncompliance.	Condition 18	C13768	In Progress	Construction	Condition 18 <u>filed</u> : • CPR No. 1 <del>filed</del> -September 16, 2021 (C14956). • CPR No. 2 <del>filed</del> -September 29, 2021 (C15158). • CPR No. 3 <del>filed</del> -October 15, 2021 (C15438). • CPR No. 4 <del>filed</del> -October 29, 2021 (C15765). • CPR No. 5 <del>filed</del> -November 16, 2021 (C16144). • <u>CPR No. 6 filed-November 30, 2021 (C16350).</u> • <u>CPR No. 7 December 16, 2021 (C16822).</u> • <u>CPR No. 8 December 30, 2021 (C17002).</u>	All
155	CER	Order XG-021-2020 and AO-001-XG-021-2020	<b>19. Technical Specification Updates</b> NGTL must file any technical specification updates for the components listed in the Section 58 Order <b>concurrently with applicable Leave to Open application(s)</b> . 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.	Condition 19	C13768	Planned	Construction		Project Engineering
156	CER	Order XG-021-2020 and AO-001-XG-021-2020	<b>20. Condition Compliance by the Accountable Officer</b> <b>Within 30 days of the date that the approved Project is placed in service</b> , NGTL shall file with the Commission 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 shall file with the Commission details as to why compliance cannot be confirmed. The filing required by this condition	Condition 20	C13768	Planned	Operations		Program Management

Commitment Number	Commitment To	Category	Description of Commitment	Source	Document References (Filing ID)	Status	Project Phase	Comments	Accountability
			shall include a statement confirming that the signatory to the filing is the accountable officer of NGTL, appointed as Accountable Officer pursuant to subsection 6.2 of the OPR.						
157	CER	Order XG-021-2020 and AO-001-XG-021-2020	<p><b>21. Training, Employment, Contracting, and Procurement Report</b></p> <p>a) NGTL shall file with the Commission, within 3 months after the date that the last Order for Leave to Open is issued, a report on all employment, contracting, and procurement for the Project, that shall include, but is not limited to:</p> <ul style="list-style-type: none"> <li>i. a summary of any training needs identified by Indigenous peoples to be able to access contracting and employment opportunities for the Project, and a description of how NGTL has or will support Indigenous peoples in meeting these training needs;</li> <li>ii. a summary of the employment, contracting, and procurement elements or indicators monitored;</li> <li>iii. a summary of local and regional employment and business opportunities, including for Indigenous peoples, created during the reporting period;</li> <li>iv. the numbers of self-identified Indigenous-owned businesses and individuals employed; and</li> <li>v. a summary of NGTL's engagement efforts, undertaken during the reporting period, with relevant Indigenous peoples and local, regional, community, and industry groups or representatives, regarding potential training, employment and business opportunities on the Project. NGTL shall also provide a copy of the report to all Indigenous peoples who have expressed an interest in receiving a copy; and</li> </ul> <p>b) NGTL shall, <b>within 7 days of the filing in a)</b>, provide confirmation to the Commission that it provided those copies.</p>	Condition 21	C13768	Planned	Operations		Indigenous Relations Business Engagement
158	CER	Order XG-021-2020 and AO-001-XG-021-2020	<p><b>22. Post-Construction Monitoring Plan for Indigenous Peoples</b></p> <p>a) NGTL shall file with the Commission, <b>within 90 days after the date that the last Order for Leave to Open is issued</b>, a plan describing participation by Indigenous peoples in monitoring activities during post-construction of the Section 58 Facilities and Activities. The plan shall include, but not be limited to:</p> <ul style="list-style-type: none"> <li>i. a summary of engagement and planning activities undertaken with Indigenous peoples to develop opportunities for their participation in monitoring activities;</li> </ul>	Condition 22	C13768	Planned	Operations		Indigenous Relations

Commitment Number	Commitment To	Category	Description of Commitment	Source	Document References (Filing ID)	Status	Project Phase	Comments	Accountability
			<ul style="list-style-type: none"> <li>ii. a description of how the results from its engagement with Indigenous peoples were incorporated into the plan, or an explanation as to why any results have not been incorporated;</li> <li>iii. a list of the Indigenous peoples that have reached agreement with NGTL to participate as monitors;</li> <li>iv. a description of the anticipated training and participant requirements, including potential certifications;</li> <li>v. the scope, methodology, and justification for monitoring activities to be undertaken by NGTL and each participant identified in a) iii, including those elements of post-construction and operation, and geographic locations that will involve monitor(s);</li> <li>vi. a description of how NGTL will use the information gathered through the participation of monitors; and</li> <li>vii. a description of how NGTL will provide the information gathered through the participation of monitors to the participating Indigenous peoples.</li> </ul> <p>b) NGTL shall provide a copy of the plan to those Indigenous peoples identified in a) iii; and NGTL shall, <b>within 7 days of the filing in a)</b>, provide confirmation to the Commission that it has provided those copies.</p>						
159	CER	Order XG-021-2020 and AO-001-XG-021-2020	<p><b>23. Post-Construction Environmental Monitoring Reports</b></p> <p>a) On or before the 31 of January following each of the first, third and fifth complete growing seasons after completing final clean-up, NGTL shall file with the Commission a post-construction environmental monitoring report (report) that:</p> <ul style="list-style-type: none"> <li>i. describes the methodology used for monitoring, including any relevant methodology or criteria identified in the Post-Construction Monitoring Plan for Indigenous Peoples (Condition 22), the criteria established for evaluating success and the results found;</li> <li>ii. identifies any modifications for the criteria established for evaluating reclamation success described in its Environmental Protection Plan and the rationale for any modifications;</li> <li>iii. identifies the issues to be monitored, including but not limited to any issues identified the Post-Construction Monitoring Plan for Indigenous Peoples (Condition 22), any unexpected issues that arose during construction, and their locations (e.g. on a map or diagram, in a table);</li> </ul>	Condition 23	C13768	Planned	Operations		Environmental Permitting and Planning

Commitment Number	Commitment To	Category	Description of Commitment	Source	Document References (Filing ID)	Status	Project Phase	Comments	Accountability
			<p>iv. describes the current status of the issues (resolved or unresolved), any deviations from plans and corrective actions undertaken;</p> <p>v. assesses the effectiveness of mitigation measures, both planned and corrective, against the criteria for success;</p> <p>vi. includes a detailed summary of NGTL's consultation undertaken with the appropriate provincial and federal authorities, and affected Indigenous peoples and a detailed description of how this consultation informed and/or modified NGTL's environmental monitoring program;</p> <p>vii. a summary of NGTL's engagement efforts, undertaken during the reporting period, with relevant Indigenous peoples, including:</p> <p>a. a summary of monitoring opportunities for Indigenous peoples created during the reporting period; and</p> <p>b. the numbers of self-identified Indigenous-owned businesses and individuals employed;</p> <p>viii. provides proposed measures and the schedule that NGTL would implement to address ongoing issues or concerns; and</p> <p>ix. includes an evaluation of the effectiveness of access control measures.</p> <p>The report shall include, but is not limited to, information specific to the effectiveness of mitigation applied to minimize effects on: soils, weeds, watercourse crossings, wetlands, wildlife and wildlife habitat, Key Wildlife and Biodiversity Zones, wildlife species at risk and of special concern, including caribou, and fish and fish habitat.</p> <p>b) NGTL shall provide a copy of the report to all Indigenous peoples who have expressed an interest in receiving a copy; and NGTL shall, <b>within 7 days of the filing</b>, provide confirmation to the Commission that it has provided those copies.</p>						
160	CER	Order AO-001-XG-021-2020	<p><b>24. Support for Indigenous Groups to Review NGTL Filings Related to Conditions</b></p> <p>a) Upon request, NGTL shall offer funding to Indigenous peoples to support their review of NGTL's filings related to conditions. NGTL shall file with the Commission, at least 45 days prior to commencing construction of the Section 58 Facilities and Activities, and every 6 months until the conditions identified are filed, a summary of the discussions it has had with Indigenous peoples regarding filings related to conditions. This shall include discussions on funding to support the review of filings related to Conditions 4, 5, 6, 7, 8, 11, 13, 14, 15, 21, 22, and</p>	Condition 24	C13768	In Progress	Pre-Construction, Construction	<p>Condition 24:</p> <ul style="list-style-type: none"> <li>Report No. 1 filed July 23, 2021 (C14204).</li> </ul>	Indigenous Relations

Commitment Number	Commitment To	Category	Description of Commitment	Source	Document References (Filing ID)	Status	Project Phase	Comments	Accountability
			<p>23, and other conditions for which Indigenous peoples express an interest in receiving copies of filings, with a description of any outstanding concerns raised by Indigenous peoples regarding NGTL's offer of funding to support their review, including a description of how these concerns have been or will be addressed by NGTL, or a detailed explanation of why these concerns will not be addressed by NGTL.</p> <p>b) NGTL must also provide a list of Indigenous peoples who have expressed an interest in receiving a copy of filings related to any of Conditions 4, 5, 6, 7, 8, 11, 13, 14, 15, 21, 22, and 23, and other conditions for which Indigenous peoples express an interest in receiving copies of filings, and which Indigenous peoples expressed an interest in which filings.</p>						