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October 22, 2025

Filed Electronically

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

Attention: Ramona Sladic, Secretary of the Commission

Dear Ramona Sladic:

**Re: NGTL GP Ltd. (NGTL GP), as general partner on behalf of
NGTL Limited Partnership
2025 Decommissioning Program - Errata**

On July 23, 2025, NGTL GP filed an application for the approval to decommission certain pipelines on the NGTL System.¹ NGTL GP notes it inadvertently submitted the Interactions Table for the 2024 Decommissioning Program in error,² and therefore is providing an amended Attachment 6: Interactions Table for the 2025 Decommissioning Program.

For enquiries, please contact me at (403) 920-7425 or at kenneth_pountney@tcenergy.com.

Yours truly,

NGTL GP Ltd., as general partner on behalf of NGTL Limited Partnership

Originally signed by

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

¹ CER Filing ID C35698

² CER Filing ID C35698-1, Pages 105 to 135

Table 6-1. Interactions Table

Element	Interaction (Y/N)	Description of Interaction(s) (If No Interaction is Predicted, Provide Justification)	Status of Element-Specific Study or Survey (Complete, Underway, Date Expected, or N/A)	Description of Potential Effects	Mitigation Will Be Implemented to Resolve Potential Adverse Effect (Y/N)	Specify the Mitigation	Description of Residual Effects After Mitigation	Description of the Cumulative Effects	Monitoring Plan/Details
Physical and Meteorological Environment	N	- The Facilities associated with the Project are located on NGTL GP-owned, provincial Crown lands, public lands managed by Special Areas and freehold land. - All PDAs are located in areas of low to moderately low seismic hazard (NRCan n.d.). - There are no areas of permafrost associated with the PDAs (NRCan 2016). - Decommissioning Activities are not anticipated to affect the physical and meteorological environment.	N/A	No adverse effects to the Physical and Meteorological Environment are expected to occur as a result of the Project; therefore, it is not considered further in this assessment.	N/A	N/A	N/A	N/A	N/A
Soil and Soil Productivity	Y	- Decommissioning Activities such as surface disturbance and cleanup will occur within existing, previously disturbed ROWs. TWS may be required during physical construction activities. Should TWS be required, it is anticipated to be located on or directly adjacent to existing land rights. - Decommissioning Activities require ground disturbance in up to 48 PDAs. The total area of all PDAs is up to 34.96 ha. The PDAs are located on industrial (that is, disturbed, road, ROW) forested, wetland, native grassland, pasture and cultivated land. Land use at each PDA is provided on the ESIS for the Project.	Complete	- Change in soil productivity during decommissioning due to: - Topsoil/strippings and subsoil mixing - Compaction and rutting of soil - Loss of topsoil through wind or water erosion - Subsidence and contouring issues - Introduction and/or spread of soil disease (for example, clubroot) - Discovery of historical contamination	Y	<u>Soil Handling – Topsoil/Strippings Salvage and Replacement</u> - Salvage topsoil/strippings as indicated on the ESIS and/or other Project-specific environmental documents and in accordance with the typical drawings. - Conduct topsoil salvage on all arable or potentially arable lands to promote successful reclamation and ensure this resource is returned to an equivalent land capability. - The topsoil salvage technique to be used will be determined by the Environmental Inspector(s) or designate(s), Construction Manager, and the appropriate Environmental Resource Specialists, where required. - Topsoil handling procedures may be modified based on the need to meet the objective of protecting the soil resources, as specified by the Environmental Inspector(s) or designate(s). Soil storage areas will be approved by the Environmental Inspector(s) or designate(s).	- Activities such as surface disturbance, pipe removal and cleanup will occur within existing, previously disturbed ROWs. TWS may be required during physical construction activities. Should TWS be required, it is anticipated to be located on or directly adjacent to existing land rights. - Potential residual effects as a result of clubroot and contamination are expected to be avoided through implementation of mitigation measures; therefore, no further assessment is required. - Potential residual effects for Project activities that occur within a graveled/paved area are expected to be avoided through implementation of mitigation measures. - At PDAs where vehicle traffic and soil disturbance will occur on non-developed land uses	- Project activities will occur within the existing ROW, on previously disturbed land. Therefore, potential residual effects considered to have a negative impact balance and are limited to the physical activities phase (that is, an isolated event). - Although changes to soil and soil productivity as a result of construction activities will act cumulatively with existing activities and disturbances, Project-specific contributions are expected to be negligible and reversible.	- Environmental inspection will occur during Project activities. - Post-decommissioning monitoring of areas that have been reclaimed will follow the principles of NGTL GP's Reclamation Monitoring process. - Additionally, NGTL GP will continue to monitor the decommissioned in-place pipelines for potential hazards (that is, soil erosion, subsidence, etc.) according to the

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		- Decommissioning Activities may occur under wet/thawed or frozen conditions. - Based on consultation conducted with the counties and municipalities encountered by the Project, the PDAs are located in areas with document clubroot occurrences. - Phase 1 Environmental Site Assessments for the Project are completed and a summary is included as Attachment 9 of the Application. - Where PDAs occur within existing pipeline ROWs, it is assumed that soils were replaced following pipeline construction (i.e., previously disturbed).				- Replace topsoil/strippings to a uniform depth, on all portions of the Project footprint that were stripped. Match topsoil/strippings depth to the unstripped edges of the Project footprint. - On freehold or designated Crown agricultural lands, if Decommissioning Activities occur under frozen ground conditions, delay topsoil/strippings replacement until the spoil has completely thawed. <u>Compaction and Rutting</u> - Postpone replacement of topsoil/strippings during wet weather or high winds to prevent erosion and/or damage to the soil structure. - Vehicle or equipment travel is not permitted on reclaimed areas where topsoil has been replaced in agricultural areas, unless otherwise approved by the Company. - Soils are considered to be excessively wet when the planned activity could cause unacceptable damage to soils. To minimize terrain disturbance and soil structure damage due to wet soil conditions, implement the following measures as deemed necessary by the Environmental Inspector(s) or designate(s): - Restrict Project traffic, where feasible, to equipment with low ground pressure tires or wide pad tracks. - Postpone construction until evening or early morning when the ground is frozen at the Environmental Inspector(s) or designate(s) direction. - Install mats, corduroy, or geotextile and fill (excluding topsoil or other surface materials), as approved by the Company, to reduce terrain disturbance and soil structure damage. These materials will be removed during clean-up. Refer to the typical drawing (see Appendix 1D of the EPP). - Under frozen conditions, employ frost inducement measures such as snow	(that is, not graveled/paved), there is a potential for decrease in soil productivity due to: - Loss of topsoil or mixing of topsoil with subsoil as a result of soil salvage activities at cut and cap locations, rutting, erosion and face instability, is considered short to medium-term in duration, isolated in frequency, reversible, and not significant. - Soil compaction or rutting as a result of equipment and vehicle traffic, is considered short term in duration, isolated, reversible, and not significant. - Loss of soils by wind or water erosion is considered short to medium-term in duration, isolated to occasional in frequency, reversible, and not significant. - Altered soil moisture or drainage as a result of subsidence as a result of removed infrastructure, contouring issues, and/or pipe deterioration, is considered short- to long-term in duration, isolated to occasional in frequency, reversible, and not significant.		Pipeline Monitoring Plan.

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						packing or plowing to delay premature thawing. <u>Wind and Water Erosion</u> - Install, monitor, and maintain sedimentation and erosion control measures throughout Decommissioning, appropriate to the season and related activities to prevent erosion and migration of sediment off the Project footprint. Install erosion and sediment control at all watercourses and/or waterbodies unless otherwise approved by the Environmental Inspector(s) or designate(s) in accordance with drawings (see Appendix 1D of the EPP). - Refer to the Soil Erosion Contingency Plan (Appendix 1E of the EPP) for unforeseen or escalating erosion events. - Straw crimping may be used to prevent wind erosion and reduce evapotranspiration on pasture, cultivated lands, and erosion prone soils as specified by the Environmental Inspector(s) or designate(s). <u>Grading, Contouring, and Subsidence</u> - Undertake all grading with the understanding that original contours and drainage patterns will be re-established during clean-up unless otherwise authorized by the Environmental Inspector(s) or designate(s) or identified on Project-specific drawings. - Ensure grade material does not spread off the Project footprint. - Snow and spoil must not be mixed during backfill. To reduce the potential for subsidence, roach all available spoil over the excavation/trench to allow for settlement. If necessary, rework spoil material to break up frozen clumps prior to backfilling the excavation/trench. <u>Clubroot</u> - All equipment will be inspected by the Environmental Inspector(s) or			

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						designate(s) and must be clean (e.g., free of soil or vegetative debris, leaks) or otherwise deemed to be in appropriate condition for Project work. Equipment that is in appropriate condition will be approved for use and identified with a suitable marker or tag. Any equipment not meeting requirements shall not be used until the issues are addressed and the Environmental Inspector(s) or designate(s) deem it suitable for use. - To minimize the potential for transporting clubroot to the Project footprint, following thorough cleaning to remove all soil and vegetative debris, all equipment, including mats, shall be sanitized by misting with a weak disinfectant solution (that is, 1-2% bleach) prior to conducting work on the Project, unless otherwise specified by the Environmental Inspector(s) or designate(s). <u>Contaminated Soils</u> - The Environmental Inspector(s) or Designate(s) will review and approve temporary storage and disposal methods. - Where soils are excavated and contamination is suspected or confirmed, or where regulations require all soils be characterized and tracked, stockpile those materials separately and refer to the <i>Contaminated Soils Contingency Plan</i> (Appendix 1E of the EPP) for further mitigations.			

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Vegetation	Y	- Decommissioning Activities include ground disturbance in up to 48 PDAs. Decommissioning Activities such as surface disturbance and cleanup will generally occur within existing, previously disturbed ROWs and facility sites, but minor brushing could occur. TWS may be required during physical activities which will be located on previously disturbed land to the extent possible. - The total area of all PDAs is up to 34.96 ha. The PDAs are located on industrial (i.e., facility, disturbed, road, and ROW) forested, wetland, native grassland, pasture and cultivated land. Land use at each PDA is provided on the ESIS for the Project. - It is expected that there will be no activities outside existing disturbances. - Given that brushing could occur, physical work associated with Decommissioning Activities could interact with rare vegetation species. - A description of rare vegetation is provided under Species at Risk.	Vegetation surveys will be conducted in July 2025 at PDAs where SARA-listed vegetation species have the potential to occur.	- Loss or alteration of vegetation - Loss or alteration of rare plants or rare ecological communities - Introduction and/or spread of invasive species	Y	<u>Loss or Alteration of Vegetation</u> - To assist in maintaining an intact ground surface in areas where stripping and grading is not necessary, implement minimum surface disturbance techniques such as mulching, brushcutters, brushhogs or other equipment in accordance with the typical drawings (see Appendix 1D of the EPP), and as indicated on the Environmental Alignment Sheets, Environmental Figures and/or other Project-specific environmental documents. - Clear timber, stumps, brush and other vegetation within the marked construction footprint boundaries. Clearing methods will be appropriate to the land use and landowner/leaseholder requirements. - PDAs intersecting potential native grasslands are located in areas with previous disturbance. Some native grassland may have regenerated in previously disturbed grasslands. - Where native grassland occurs within the PDA the following mitigation and reclamation measures will be implemented. - Prior to the initiation of physical construction activities, NGTL GP will clearly identify the native grassland intersecting the PDA, including access. - In areas of native grassland, limit the disturbance to vegetation to the extent practical. Disturbance can be limited by narrowing down access and workspace, and by temporarily covering with matting (such as rig mats, swamp mats, or access mats), where feasible.	Potential residual effects are expected to be avoided through implementation of mitigation measures; therefore, no further assessment is required.	N/A	- Environmental inspection will occur during Decommissioning Activities. - Post-decommissioning monitoring of areas that have been reclaimed will follow NGTL GP's Reclamation Monitoring process. - Additionally, NGTL GP will continue to monitor the decommissioned in-place pipelines for potential hazards according to the Pipeline Monitoring Plan.

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						<u>Loss or Alteration of Rare Plants or Rare Ecological Communities</u> - Report the identification of unanticipated rare plants or rare ecological communities of concern to the Environmental Inspector(s) or designate(s) and implement the Plant Species and Ecological Communities of Concern Discovery Contingency Plan (Appendix 1E of the EPP). <u>Introduction and/or Spread of Invasive Species</u> - Avoid disturbance to environmentally sensitive features during clearing. The Environmental Inspector(s) or designate(s) and appropriate Environmental Resource Specialist(s) will determine the size of avoidance buffer surrounding these features, if appropriate. - All equipment will be inspected by the Environmental Inspector(s) or designate(s) and must be clean (e.g., free of soil or vegetative debris, leaks) or otherwise deemed to be in appropriate condition for Project work. Equipment that is in appropriate condition will be approved for use and identified with a suitable marker or tag. Any equipment not meeting requirements shall not be used until the issues are addressed and the Environmental Inspector(s) or designate(s) deem it suitable for use. - Equipment coming into contact with vegetation in non-frozen conditions (e.g., during mowing or clearing) or handling topsoil (e.g., stripping or replacing topsoil) will be cleaned (e.g., hand removal, sweeping, or compressed air) prior to leaving an area of listed weed infestation. The location of equipment cleaning stations to be confirmed in the field by the Environmental Inspector following delineation of the infestation. Refer to the typical			

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						drawing (see Appendix 1D of the EPP). - Monitor topsoil/strippings piles for listed weed growth during the course of Decommissioning Activities. Implement corrective measures (e.g., spraying, mowing, hand pulling) as needed. - Report previously unidentified locations of weeds on the Project footprint to the Environmental Inspector(s) or designate(s) who will establish the appropriate mitigation or control procedures prior to continuing activities in the area. - Use of herbicides on the Project footprint is prohibited unless otherwise approved by the Company. - Natural recovery is the preferred method of reclamation in non-agricultural areas on level terrain where erosion is not expected. Where site-specific conditions warrant, seed disturbed areas with a cover crop and/or seed mix that has been approved by the responsible regulator and/or landowner. - Seeding will follow as close as feasible to final clean-up and topsoil/strippings replacement pending seasonal or weather conditions.			
Water Quality and Quantity	Y	- No water wells will be affected by Decommissioning Activities since activities will occur within existing facilities and existing, previously disturbed ROWs. - Ground disturbance associated with pipe isolation will not occur within any watercourses. - Physical Decommissioning Activities within 30 m of watercourses have the potential to impact water quality and quantity due to	Complete	Change in surface water quality and quantity due to increased suspended sediment concentrations and transport in surface water due to vegetation clearing for temporary access installation, or increased erosion from the Project Footprint.	Y	- Install erosion and sediment control at all watercourses and/or water bodies unless otherwise approved by the Environmental Inspector(s) or designate(s). - Construct or install temporary vehicle access and/or conduct pipeline crossings (e.g., open-cut, isolated) in accordance with applicable guidelines, environmental protection measures, approval conditions and/or legislation, including applicable Measures to Protect Fish and Fish Habitat (DFO n.d.a) and DFO Standards and Codes of Practice (DFO n.d.b).	A change in surface water quality and quantity may occur during physical Decommissioning Activities. With the implementation of mitigation, this residual effect is considered to be reversible, short-term in duration, of low magnitude and not significant.	All excavation work associated with the pipeline segments to be decommissioned will occur in existing facility sites and previously disturbed ROWs. Physical Decommissioning Activities will act cumulatively with other developments for an isolated period of time; however, the Project's contribution to a change in surface water quality and quantity is reversible	- Environmental inspection will occur during Decommissioning Activities. - Post-decommissioning monitoring of areas that have been reclaimed will follow NGTL GP's Reclamation Monitoring process. - Additionally, NGTL GP will continue to

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		disturbances to natural drainage patterns. ▪ The risk of the buried, decommissioned pipeline segments becoming exposed instream at watercourse crossings is similar to that of an operating pipeline. ▪ There are PDAs within 30 m of a watercourse. Water withdrawals and temporary vehicle/equipment crossings may be required to complete Decommissioning Activities. The location of these activities has not been confirmed. As required, additional or site-specific mitigation measures will be included in an update to the Project EPP prior to commencement of Decommissioning Activities once the location, timing, volume, withdrawal rate, crossing method etc. has been determined. ▪ Limited excavation will be required to isolate the pipelines and remove above-ground facilities. ▪ Excavation depth will be limited to the depth of the existing pipelines and facility infrastructure (for example, pilings). It is expected that any groundwater that occurs in excavations can be managed by standard practices, as outlined in the EPP.				▪ Install and remove temporary vehicle crossings in a manner that protects the banks from erosion and maintains flow. Temporary vehicle crossings will be returned to their preconstruction condition following removal. ▪ Under frozen conditions, and where conditions permit, employ snowfills/ice bridges as temporary crossing structures. Install snowfills/ice bridges using non chlorinated water drawn from an approved source and/or clean ice/snow ploughed in from surrounding areas or produced through snowmaking. Access mats may be placed along the surface to increase protection and preserve the ice bridge. Approaches shall be constructed with compacted snow and ice of sufficient thickness to protect stream banks. Sand, gravel and soils are not to be used for snowfill/ice bridge approaches. Temporary snowfill/ice bridge crossings shall have a curb, which can consist of watered snow and must be maintained throughout construction.		and is considered to be low in magnitude. A significant cumulative effect is not likely to occur.	monitor the decommissioned in-place pipelines for potential hazards according to the Pipeline Monitoring Plan.
Fish and Fish Habitat	Y	▪ Physical Decommissioning Activities within 30 m of watercourses have the	N/A	▪ Loss or alteration of riparian or instream habitat.	Y	<u>Loss or alteration of riparian or instream habitat:</u>	▪ With implementation of mitigation, a loss or alteration of instream or riparian habitat	N/A	▪ Environmental inspection will occur during

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		potential to impact fish and fish habitat indirectly due to disturbances to instream and riparian habitat. - Ground disturbance associated with pipe isolation will not occur within any watercourses. - The following Project Facilities either cross or are located within 100 m of a watercourse that may be fish-bearing: - Delia Lateral (DEL6-MS-1) - EAS ML Empress to Princess Bypass (EAS42-VS-2) - North Lateral Extension Stage I Brooks (NOR16-T-4) - North Lateral Extension Stage I Relocation (NORR16-VS-1) - North Lateral Extension Stage I Vegreville (NLE16-T-2) - WAS ML Loop – Westerosé Section (WAS42-VS-1) - Installation of temporary watercourse crossings may be required along access routes to isolation sites. - The risk of the buried, decommissioned pipeline segments becoming exposed instream at watercourse crossings is similar to that of an operating pipeline. - Once the pipeline is decommissioned, migration hazards may occur if the pipeline becomes exposed.		Alteration of riparian or instream habitat due to exposed pipe.		- Project activities will be carried out in accordance with CSA Z662 and the CER OPR. - The Company will obtain regulatory approval prior to infilling wetlands, where required. - Do not allow grading within the 10 m riparian buffer immediately adjacent to the watercourse crossing until installation of the vehicle crossing, unless otherwise approved by the Company. - Construct/install all watercourse vehicle crossings as outlined in Table 2, if applicable, and in accordance with the typical drawings (see Appendix 1D of the EPP). If alternative methods of crossing are required, the decision-making process will include the Construction Manager and the Environmental Inspector(s) or designate(s). Decision criteria will include the protection of riparian vegetation and fisheries values associated with the crossing, and applicable legislation and approval conditions - Install sedimentation and erosion control measures, where required, in accordance with drawings in Appendix 1D, unless otherwise approved by the Environmental Inspector(s) or designate(s) to adjust for site conditions and suitability. - Install and remove temporary vehicle crossings in a manner that protects the banks from erosion and maintains flow. Temporary vehicle crossings will be returned to their preconstruction condition following removal. <u>Exposed Pipe</u> - NGTL GP will continue to monitor the decommissioned in-place pipelines for potential hazards according to the Pipeline Monitoring Plan (Attachment 4 of the Application). - Areas of terrain or slope instability will be monitored on a routine basis for the life of the pipeline and/or facility,	- that may occur during physical Decommissioning Activities is considered to be reversible, short-term in duration, of low magnitude and not significant. - NGTL GP will continue to monitor the decommissioned in-place pipelines for potential hazards according to the Decommissioned Pipeline Monitoring Plan, therefore no residual effect is predicted, and no further assessment is required.		Decommissioning Activities. - Post-decommissioning monitoring of areas that have been reclaimed will follow NGTL GP's Reclamation Monitoring process. - Additionally, NGTL GP will continue to monitor the decommissioned in-place pipelines for potential hazards according to the Pipeline Monitoring Plan.

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						as needed. Remedial work will be conducted where warranted to protect asset integrity. - The monitoring program for pipelines decommissioned in-place will include measurable parameters that will be recorded and compared to representative areas to measure reclamation success. - If a pipe exposure or risk of pipe exposure is identified, the remedial actions are to be implemented as soon as practical during the most appropriate season, preferably summer, but may be outside of this period due to environmental timing restrictions (reproductive periods and migration periods), field and weather conditions, or social and public concerns. Actions may include armoring the exposed pipeline or pipeline removal.			
Wetlands	Y	- Wetlands were identified within 30 m of, and crossed by, PDAs. Wetlands are identified on the ESIS for the Project. - Wetland types within PDAs include temporary graminoid marsh M[G][II], permanent shallow open water W[A][V], seasonal graminoid marsh M[G][III], shrubby swamp S[S], wooded mixedwood swamp S[Wm], and wooded deciduous swamp S[Wd]. - Temporary ground disturbance within a wetland may alter wetland function. - Physical Decommissioning Activities within 30 m of wetlands have the potential to alter wetland function. - The risk of the buried, decommissioned pipeline	Underway	Loss or alteration of wetland function (that is, hydrological, habitat, and biogeochemical) during Decommissioning Activities or due to exposed pipe.	Y	<u>Decommissioning Activities</u> - Minimize the removal of vegetation in wetlands to the extent feasible. - Conduct ground level cutting/mowing/mulching of wetland vegetation instead of grubbing. The method of removal of wetland vegetation is subject to approval by the Company. - Minimize grading within wetland boundaries. TWS within the boundary of a wetland must be approved by the Environmental Inspector(s) or designate(s). - Replace material as soon as feasible and re-establish preconstruction contours within wetland boundary to facilitate cross ROW drainage. - Maintain natural drainage to allow water to move from one side of the construction footprint and/or access road to the other. - Natural recovery is the preferred method of reclamation in wetlands.	- A loss or alteration of wetland function that may occur during physical Decommissioning Activities is considered to be reversible and of low magnitude. With the implementation of mitigation measures, the residual effect is not likely to be significant. - NGTL GP will continue to monitor the decommissioned in-place pipelines for potential hazards according to the Pipeline Monitoring Plan. Potential residual effects are expected to be avoided through implementation of mitigation measures; therefore, no further assessment is required.	Physical work will generally occur within existing site boundaries and previously disturbed ROWs. Physical Decommissioning Activities will act cumulatively with other developments for an isolated period of time; however, the Project's contribution to the alteration of wetland function is reversible and is considered to be low. A significant cumulative effect is not likely to occur.	Environmental inspection will occur during Project activities. Post-decommissioning monitoring of areas that have been reclaimed will follow NGTL GP's Reclamation Monitoring process. Additionally, NGTL GP will continue to monitor the decommissioned in-place pipelines for potential hazards according to the Pipeline Monitoring Plan.

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		segments becoming exposed at wetlands is similar to that of an operating pipeline.				Do not seed wetland areas unless otherwise specified by the Company. - The Company will obtain regulatory approval prior to infilling wetlands, where required. <u>Exposed Pipe</u> - NGTL GP will continue to monitor the decommissioned in-place pipelines for potential hazards according to the Pipeline Monitoring Plan (Attachment 4 of the Application). - The monitoring program for pipelines decommissioned in-place will include measurable parameters that will be recorded and compared to representative areas to measure reclamation success. - If a pipe exposure or risk of pipe exposure is identified, the remedial actions are to be implemented as soon as practical during the most appropriate season, preferably summer, but may be outside of this period due to environmental timing restrictions (reproductive periods and migration periods), field and weather conditions, or social and public concerns. Actions may include armoring the exposed pipeline or pipeline removal.			
Wildlife and Wildlife Habitat	Y	- Decommissioning Activities will generally occur within existing, previously disturbed ROWs and facility sites. No new permanent land will be required to complete Decommissioning Activities. - Decommissioning Activities require ground disturbance in up to 48 PDAs. - The total area of all PDAs is up to 34.96 ha. The PDAs are located on industrial (that is, facility, disturbed, road, ROW)	Species-specific surveys and feature reconnaissance will be conducted at PDAs with identified wildlife habitat during April and Summer 2025	- Loss or alteration of wildlife habitat during Decommissioning Activities. - Changes to wildlife movement - Increased wildlife mortality risk	Y	- Site- and species-specific mitigation measures (including measures for caribou range, grizzly bear support zone, burrowing owl range, sensitive amphibian range, sensitive raptor range, sensitive snake habitat, sensitive snake hibernacula range, sharp-tailed grouse range, mountain goat and sheep areas disease buffer, key wildlife and biodiversity zones, and grizzly bear zones are provided in Table 3 of the EPP in addition to the general mitigation measures provided herein. <u>Loss or Alteration of Wildlife Habitat</u> - Indicate specific environmental protection measures for these sites on the ESIS or Project-specific environmental documents and	The potential loss or alteration of wildlife habitat as a result of ground disturbance required for Decommissioning Activities is considered to be reversible, an isolated event, and of low magnitude. A significant effect is not likely to occur.	Project components are surrounded by a variety of land uses that may provide suitable wildlife habitat. Physical Decommissioning Activities will occur on previously disturbed facility sites or ROWs; therefore, potential residual effects considered to have a negative impact balance are limited to the physical activities phase (that is, an isolated	- Environmental inspection will occur during Decommissioning Activities. - Post-decommissioning monitoring of areas that have been reclaimed will follow NGTL GP's Reclamation Monitoring process. - Additionally, NGTL GP will continue to monitor the decommissioned

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		forested, wetland, native grassland, pasture and cultivated land. Land use at each PDA is provided on the ESIS for the Project. - PDA's overlap with Caribou Range, Burrowing Owl Range, Sensitive Amphibian Range, Sensitive Raptor Range, Sharp-tailed Grouse Range, Sensitive Snake Habitat, Sensitive Snake Hibernacula Range and Key Wildlife and Biodiversity Zones (Attachment 5 of the Application). - Vegetation clearing and ground disturbance during Decommissioning Activities may cause direct habitat loss or alteration. - Sensory disturbance caused by noise, light, and movement during Decommissioning Activities can reduce habitat effectiveness or alter movement patterns for some species, increasing wildlife mortality risk. - The buried pipelines are expected to be stable over the long-term. CP will remain along all laterals while the Facilities are in a decommissioned state. Eventual corrosion is not anticipated to create a water conduit with the potential to transport contaminants to wildlife habitat.				corresponding tables (that is, Project specific mitigation measures). - If Decommissioning Activities (including clearing and reclamation) are scheduled to commence during the raptor nesting period or migratory bird PNP, refer to the <i>Breeding Bird and Nest Management Plan</i> (Appendix 1E of the EPP). - In the event an active nest is found, or breeding behaviour is observed, it will be subject to site-specific mitigation measures (i.e., clearly marked protective buffer around the nest and/or non-intrusive monitoring) based on the <i>Breeding Bird and Nest Management Plan</i> (Appendix 1E of the EPP). - Avoid disturbance to environmentally sensitive features during clearing. The Environmental Inspector(s) or designate(s) and appropriate Environmental Resource Specialist(s) will determine the size of avoidance buffer surrounding these features, if appropriate. - Ensure that noise abatement equipment on machinery is in working order. - Natural recovery is the preferred method of reclamation in non-agricultural areas on level terrain where erosion is not expected. Where site-specific conditions warrant, seed disturbed areas with a cover crop and/or seed mix that has been approved by the responsible regulator and/or landowner. <u>Changes to Wildlife Movement</u> - To facilitate free movement of wildlife, follow excavation/trenching operations as closely as feasible with pipe removal and backfill operations, unless for Project purposes there is a need to have the excavation/trench open for an extended period of time. - Seeding will follow as close as feasible to final clean-up and topsoil/strippings replacement pending seasonal or weather conditions.		event). Although loss or alteration of wildlife habitat as a result of physical Decommissioning Activities will act cumulatively with existing activities and disturbances, Project-specific contributions are expected to be negligible and reversible.	in-place pipelines for potential hazards according to the Pipeline Monitoring Plan.

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						- Machine clean-up activities will follow completion of Decommissioning Activities as closely as feasible. - Environmental Inspector(s) or designate(s) will identify appropriate locations for gaps in windrows (e.g., topsoil/strippings, grade spoil, rollback, snow) and strung pipe in locations of obvious drainage, on side-hill terrain, wherever seepage occurs, at wildlife trails and where requested by the landowner to reduce interference with natural drainage and movement patterns. <u>Increased wildlife mortality risk</u> - Unanticipated wildlife issues encountered during Decommissioning Activities will be discussed and resolved by the Environmental Inspector(s) or designate(s) and the Wildlife Resource Specialist(s). - Report the identification of unanticipated wildlife species of concern or their site-specific habitat (e.g., dens, nests) to the Environmental Inspector(s) or designate(s) and implement the <i>Wildlife Species of Concern Discovery Contingency Plan</i> (Appendix 1E of the EPP). - Project personnel are prohibited from hunting or fishing on the Project footprint, and from harassing, feeding, collecting or possessing wildlife species. - Should any wildlife be identified in a trench, contact the Environmental Inspector(s) or designate(s). The Environmental Inspector(s) or designate(s) will contact the responsible regulator or a Wildlife Resource Specialist, where required, for direction. - Report sightings of Project-specific wildlife species of concern to the Environmental Inspector(s) or designate(s). Specific protection measures may be implemented, and the sighting will be recorded.			

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Species at Risk, or Species of Special Status, and Related Habitat	Y	Vegetation - The PDAs for Gregory Lateral (NPS 4 1971) (GRE4-MS-2, GRE4-TI-3, GRE4-VS-1) and Countess Duchess Lateral (NPS 8 (1960) (CDL8-VS-2) are within ACIMS records for Slender mouse-ear-cress (<i>Crucihimalaya virgata</i>), listed as Threatened on Schedule 1 of SARA and by COSEWIC (GoC 2025b), listed as Endangered by the Alberta <i>Wildlife Act</i> (GoA 2024), and ranked S2 by ACIMS (ACIMS 2024). These PDAs are located within the Endangered/Threatened Plant Range for slender mouse-ear-cress (ACIMS 2024; AEPA 2025). - The PDAs for Atlee-Buffalo Lateral (NPS 6 1958) (ABL6-VS-1, ABL6-VS-2,ABLS-MS-3) are located within the Endangered/Threatened Plant Range for slender mouse-ear-cress (ACIMS 2024; AEPA 2025). - The PDAs for Eastern Alberta System Mainline (EAS ML) Loop No. 3 (EAS42-VS-1 and EAS42-VS-2) are within the ACIMS records for the Dwarf woollyheads (<i>Psilocarphus brevissimus</i> var. <i>brevissimus</i>), listed as Special Concern on Schedule 1 of SARA and by COSEWIC (GoC 2025b), and ranked S2 by ACIMS (ACIMS Fish and Fish Habitat	Targeted wildlife species-specific surveys: completed spring/summer 2025.	Vegetation - Refer to the Vegetation element Fish - Refer to the Fish and Fish Habitat element Wildlife - Refer to the Wildlife and Wildlife Habitat element	Y	Vegetation - Refer to the Vegetation element Fish - Refer to the Fish and Fish Habitat element Wildlife - Refer to the Wildlife and Wildlife Habitat element	Vegetation - Refer to the Vegetation element Fish - Refer to the Fish and Fish Habitat element Wildlife - Refer to the Wildlife and Wildlife Habitat element	Vegetation - Refer to the Vegetation element Fish - Refer to the Fish and Fish Habitat element Wildlife - Refer to the Wildlife and Wildlife Habitat element	Environmental inspection will occur during Decommissioning Activities. Post-decommissioning monitoring of areas that have been reclaimed will follow NGTL's Reclamation Monitoring process. Additionally, NGTL will continue to monitor the decommissioned in-place.

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		- Arctic grayling (<i>Thymallus arcticus</i>), listed as a Species of Special Concern under the Alberta Wildlife Act (GoA 2024d), bull trout (<i>Salvelinus confluentus</i>) Saskatchewan - Nelson Rivers populations, listed as Threatened under SARA (COSEWIC 2012), and bull trout (<i>Salvelinus confluentus</i>) Western Arctic populations, listed as Special Concern under SARA (COSEWIC 2012), are all documented to occur in the RSA (that is, within a 10-km buffer of the PDAs). The PDAs do not encounter any designated critical habitat. Wildlife and Wildlife Habitat - The FWIMT reported 13 observations of species at risk (that is, species listed federally on Schedule 1 of SARA or by COSEWIC) and an additional 20 species of special status (that is, species with only provincial designations) within 1 km of the Project Facilities. - PDAs overlap with Caribou Critical Habitat. - PDAs overlap with provincial sensitive species ranges for Caribou, Burrowing Owl, Sensitive Amphibian, Sensitive Raptor, Sharp-tailed Grouse, Sensitive Snake Habitat, Sensitive Snake Hibernacula Range, Grizzly Bear Support Zone and Key Wildlife and Biodiversity Zones. - Refer to the wildlife section of this table as well as the							

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		ESIS for site-specific details related to wildlife species at risk.							
Air and Greenhouse Gas (GHG) Emissions and Climate Change	Y	- Interactions with air quality will occur during Decommissioning Activities due to the release of criteria air contaminants from vehicle and equipment use. - Interactions with air quality are not predicted as a result of decommissioning in-place. - GHG emissions resulting from fuel-burning mobile equipment (including on-road diesel/gasoline vehicles, and off-road diesel equipment) were calculated in accordance with the <i>Facility Greenhouse Gas Reporting Technical Guidance on Reporting Greenhouse Gas Emissions</i> (ECCC 2023). - All pipelines will be purged (emptied of service product) with air before decommissioning. Based on the estimated volume of gas to be vented and usage of construction equipment/vehicles, the total GHG emissions for the Project will be approximately 2.2 kilotonnes of carbon dioxide equivalent. This equates to 0.0009% of the 2023 Alberta GHG emissions and 0.0011% of 2023 Federal GHG emissions (ECCC, 2025). - As no additional power draw from the electrical grid is anticipated to support Decommissioning Activities, no third-party	Complete	Nuisance air and GHG emissions during Decommissioning Activities.	Y	- Where feasible and applicable, use multi-passenger vehicles for the transport of crews to and from job sites. - Reduce idling of equipment, where possible, and ensure that it is well-maintained.	- The release of air emissions as a result of vehicle exhaust during Project activities will be short term in duration, is reversible, and of low magnitude. A significant effect is not likely to occur. - The release of GHG emissions as a result of vehicle and equipment exhaust during project activities is extended-term, irreversible, and of low magnitude. A significant effect is not likely to occur.	- The release of air emissions will act cumulatively with other activities such as transportation, agriculture, oil and gas development and forestry. The cumulative effect of an increase in air emissions is of low magnitude in consideration of provincial and federal emissions and targets. Project-specific contributions are expected to be short term and negligible. Consequently, the cumulative effect is not likely to be significant. - Table A-2 of the Filing Manual indicates predicted residual effects related to GHG emissions need not be subject to a cumulative effects assessment.	Environmental inspection will occur during Decommissioning Activities.

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		(indirect) emissions are predicted. - An increase in upstream emissions is not predicted. - The Project will not notably hinder the GoC's efforts to reduce GHG emissions.							
Acoustic Environment	Y	- Nuisance noise will be associated with Decommissioning Activities due to noise generated by vehicle and equipment use. - There are known residences within 2 km of the PDAs.	N/A	Nuisance noise during Decommissioning Activities.	Y	- Ensure that noise abatement equipment on machinery is in working order. - Take reasonable measures to control Project related noise near residential areas. - Where feasible and applicable, use multi-passenger vehicles for the transport of crews to and from job sites. - Reduce idling of equipment, where possible, and ensure that it is well-maintained. - Notify potentially affected landowners, lessees, and nearby residents of the intended Project schedule before the start of Decommissioning Activities to avoid or reduce impacts to their operations or activities.	Although nuisance noise will increase during Decommissioning Activities due to operation of vehicles and equipment, any such change in noise levels will be limited to the decommissioning period and will be short term. Activities will occur at each PDA for approximately 14 to 28 days. This potential effect is expected to be avoided or mitigated to negligible levels; therefore, the acoustic environment is not considered further in this assessment.	Increase in nuisance noise from Project activities is expected to be short term and negligible. Consequently, further assessment of cumulative effects on the acoustic environment is not warranted.	Environmental inspection will occur during Decommissioning Activities.
Human Occupancy and Resource Use (HORU)	Y	- The Facilities associated with the Project are located on provincial Crown lands, public lands managed by Special Areas and freehold land. - Decommissioning Activities require ground disturbance in up to 48 PDAs. - The total area of all PDAs is up to 34.96 ha. The PDAs are located on industrial (that is, facility, disturbed, road, ROW) forested, wetland, native grassland, pasture and cultivated land. Land use at each PDA is provided on the ESIS for the Project.	N/A	Disruption of land user activities during Decommissioning Activities.	Y	- Provide potentially affected Indigenous groups with proposed Project activities, schedule and maps. - Provide all personnel working on the Project an orientation and information materials regarding environmental, health, safety expectations and cultural awareness and sensitivity. - Inform all responsible federal and provincial resource agencies and interested municipal officials of the Project activities, as warranted. - Notify potentially affected landowners, lessees, and nearby residents of the intended Project schedule before the start of Decommissioning Activities to avoid or reduce impacts to their operations or activities. - Notify registered trappers at least 10 days prior to Decommissioning Activities.	Potential residual effects are expected to be avoided through implementation of mitigation measures; therefore, no further assessment is required.	N/A	Environmental inspection will occur during Decommissioning Activities. Post decommissioning monitoring of areas that have been reclaimed will follow NGTL's Reclamation Monitoring process. Additionally, NGTL will continue to monitor the decommissioned in-place pipelines for potential hazards according to the Pipeline Monitoring Plan.

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		▪ The Facilities are located in both the Green Area and White Area of Alberta. ▪ Decommissioning Activities such as surface disturbance and cleanup will occur within existing, previously disturbed ROWs located in areas used for agriculture, forestry, hunting, trapping and fishing. ▪ There are known landowners, guide outfitters, registered trappers, Registered Fur Management Areas, and recreational users within the quarter- sections crossed by Project Facilities. ▪ Decommissioning Activities are not anticipated to interact with local or regional human occupancy and resource development activities (for example, rural or urban development, agricultural yards, and recreational facilities). ▪ The PDAs are not located within any rural or urban residential areas, agricultural areas, natural areas, lands under Parks Canada jurisdiction, conservation areas, or other ecological reserves or preserves. ▪ There are many oil and gas and industrial dispositions within 1 km of the PDAs. ▪ There are no provincial parks or protected areas within a 1 km buffer of the PDAs.				▪ Post signage to discourage unauthorized public access onto the Project footprint during Project activities. ▪ Clearly delineate areas that have access restrictions. Restrict access to Project personnel only. ▪ All Project traffic will adhere to safety and road closure regulations.			

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		In consideration of the Project scope (that is, decommissioning) and the duration of activities (14 to 28 days per site), it is not anticipated that the Project will differentially affect diverse groups of people.							
Heritage Resources (Crown and Freehold)	Y	- Decommissioning Activities will generally occur within existing, previously disturbed ROWs and facility sites. - Guidance from Alberta Culture states that HRA Approval must be received for all Facilities that have at least one PDA that intersects HRV lands. - There are PDAs located within HRV lands (GoA 2025). These areas are known to contain, or have high potential to contain, heritage resources, including archaeological, palaeontological, historical, and TLU or heritage sites. - Three PDAs are located within HRV 3p lands, indicating the lands contain a significant palaeontological resource that will likely require avoidance. - Two PDAs are located within HRV 4a lands, indicating the lands contain a known archaeological site that may require avoidance or assessment. - Four PDAs are located within HRV 5p lands, indicating that the area has high potential for	Underway	Disturbance of previously unidentified, surface, and buried heritage resources during Project activities requiring ground disturbance	Y	- HRA Approval must be received prior to construction start. - Comply with all conditions of HRA Approval. - Restrict activities to the approved Project footprint. - If historical or palaeontological features (e.g., arrow heads, modified bone, pottery fragments, fossils), potential human remains or Traditional Land and Resource Use (TLRU) sites not previously identified are found on the construction footprint during construction, implement the measures outlined in the Cultural Resource Discovery Contingency Plan (Appendix 1E). - The collection of historical and palaeontological resources by Project personnel is prohibited.	Potential residual effects are expected to be avoided through implementation of mitigation measures; therefore, no further assessment is required.	N/A	N/A

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		palaeontological resources. - Six PDAs are located within HRV 5a lands, indicating that the area has high potential for archaeological resources - All PDAs for: - Atlee-Buffalo Lateral - Countess Duchess Lateral - EAS ML Empress to Princess Bypass - Gregory Lateral - North Lateral Extension Stage I Brooks - North Lateral Extension Stage I Relocation - North Lateral Extension Stage I Vegreville require HRA Approval prior to construction start. One Historic Resources application must be submitted per lateral for HRA Approval or requirements. - Not all lands with heritage resources potential are in the HRV listing and therefore heritage resources may be identified on lands that do not intersect HRV listed lands.							
Navigation and Navigation Safety	N	- There are no watercourses crossed by the laterals that are listed as a scheduled waterway under the <i>Canadian Navigable Waters Act</i>. However, it is reasonable to assume that they may be used for navigational purposes. - No instream work is required as part of Project activities. - If a pipeline becomes exposed, appropriate	N/A	No adverse effects on Navigation and Navigation Safety are expected to occur as a result of the Project. Therefore, Navigation and Navigation Safety are not considered further in this assessment.	N/A	N/A	N/A	N/A	- Environmental inspection will occur during Decommissioning Activities. - Additionally, NGTL GP will continue to monitor the decommissioned in-place pipelines for potential hazards according to the Pipeline Monitoring Plan.

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		measures will be taken where applicable.							
Indigenous Traditional Land and Resource Use (TLRU)	Y	- NGTL GP is engaging 43 potentially affected Indigenous groups. The results of engagement are summarized in Section 5.3 of the Application. Specific potential interactions are provided herein. - The PDAs are located within Treaty 6, 7, and 8, First Nations, non-Treaty Nations, and Métis groups throughout Alberta. - This assessment assumes that areas within or near the PDAs on Crown land may support resources or contain areas or sites that are currently used for traditional purposes. - The PDAs are located in the Green and White areas of Alberta. The Facilities associated with the Project are located on provincial Crown lands, public lands managed by Special Areas and freehold land. Seven pipelines that are in full or in part, located within, cross Crown lands or public lands managed by Special Areas. Project activities such as surface disturbance and cleanup will generally be conducted within existing site boundaries, previously disturbed ROWs, and leased boundaries. Land use at each PDA is provided on the ESIS. No new lands will be required to complete Decommissioning Activities.	Underway	Change in current TLRU locations, sites or areas during Decommissioning Activities due to: - Loss or alteration of currently used harvesting, habitation, and cultural or spiritual sites and areas. - Sensory disturbance which may influence the conditions for current use. - Changes to timing and/or seasonality or availability/suitability for current use activities. Change in access to TLRU locations, sites or areas during Decommissioning Activities due to: - Loss or alteration of ability to access traditionally used resources. - Loss, disruption, or alteration of currently used accesses, including traditional trails and travelways, or of features used in wayfinding. Change in the quality, quantity, or distribution of traditional resources for current use during construction due to: - Loss or alteration of traditionally harvested wildlife, fish, or plant species. - Loss or alteration of habitat supporting traditionally harvested wildlife, fish, or plant species. - Change in surface water quality or quantity.	Y	Mitigation related to changes to current TLRU locations, sites, areas or access: - Provide potentially affected Indigenous groups with the proposed Project activities schedule and maps. - Notify registered trappers at least 10 days prior to Decommissioning Activities. - Provide all personnel working on the Project an orientation and information materials regarding environmental, health, safety expectations and cultural awareness and sensitivity. - Project personnel are prohibited from hunting or fishing on the construction footprint, and from harassing, feeding, collecting, or possessing wildlife species. - Prior to the start of Decommissioning Activities, clearly mark all sensitive resources as identified on the ESIS and/or other Project-specific environmental documents, and in the Project-specific mitigation measure tables (Tables 1 and 2). - Clearly delineate areas that have access restrictions. - All Project traffic will adhere to safety and road closure regulations. - Ensure that noise abatement equipment on machinery is in working order. - Reduce idling of equipment, where possible, and ensure that it is well-maintained. - Where feasible and applicable, use multi-passenger vehicles for the transport of crews to and from job sites. - Machine clean-up activities will follow completion of construction activities as closely as feasible. - If heritage resources or TLRU sites not previously identified are found on the construction footprint during construction, implement the measures outlined in the <i>Cultural</i>	Change to current TLRU locations sites or areas: - Current use locations will not be directly affected by Decommissioning Activities unless they occur on the PDAs, which are within existing facility boundaries and/or existing ROWs. No TLRU sites or areas have been identified through engagement which require site-specific mitigation. - Sensory disturbances (e.g., changes to air quality, noise, and traffic during decommissioning activities) could temporarily deter Indigenous land users from pursuing TLRU activities at current use locations within the LAA. Change in Access to traditional use sites or areas: - Potential residual effects to traditional use of trails and travelways are expected to be avoided through implementation of mitigation. - There will be restricted access only in the localized areas where Decommissioning Activities are taking place, and, therefore, will not affect the ability for Indigenous peoples to access the surrounding areas. Change to Quality, Quantity, or Distribution of Traditional Resources: Refer to the Vegetation, Water Quality and Quantity, Fish and Fish Habitat, Wetlands and Wildlife and Wildlife Habitat elements of this	- Refer to the Vegetation, Water Quality and Quantity, Fish and Fish Habitat, Wetlands, and Wildlife and Wildlife Habitat elements of this table for predicted cumulative effects of Decommissioning Activities on plants, water, fish and wildlife. - Physical Decommissioning Activities will occur on previously disturbed facility sites or ROWs; therefore, potential residual effects considered to have an adverse impact on TLRU are limited to the physical activities phase (that is, an isolated event). - Cumulative effects to TLRU from the Project have been characterized as low to negligible, and reversible. The Project's contribution to cumulative effects on TLRU are predicted to be of low significance and are not likely to occur.	- Environmental inspection will occur during physical Decommissioning Activities. - Post decommissioning monitoring of areas that have been reclaimed will follow NGTL GP's Reclamation Monitoring process. - Additionally, NGTL GP will continue to monitor the decommissioned in-place pipelines for potential hazards according to the Pipeline Monitoring Plan.

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		- Decommissioned laterals will be left in place; no segments will be removed. - TWS may be required during physical activities which will be located on previously disturbed land to the extent possible. - No outstanding site-specific issues or concerns associated with the Project have been identified by engaged Indigenous groups to date. However, this assessment assumes that areas within or near the PDAs on Crown land may support resources or contain areas or sites that are currently used for traditional purposes. - Interactions with traditional land and resource use could occur during physical Decommissioning Activities due to: - Vegetation removal - Soil stripping - Vehicle and equipment movement - Increased noise Interactions with traditional land and resource use during decommissioning in-place are not predicted as access will not be decreased and, in some cases, may be improved following completion of Decommissioning Activities.				<i>Resource Discovery Contingency Plan</i> (Appendix 1E of the EPP). Mitigation of change to traditional resources for current use: - See the Vegetation element of this table for mitigation measures related to changes to vegetation communities and vegetation species. - See the Water Quality and Quantity element of this table for mitigation measures related to changes to surface water. - See the Fish and Fish Habitat element of this table for mitigation measures related to changes to fish habitat. - See the Wetlands element of this table for mitigation measures related to changes to wetland function. - See the Wildlife and Wildlife Habitat element of this table for mitigation measures related to changes to wildlife habitat, movement and mortality risk. NGTL GP will continue to engage potentially affected Indigenous groups. Information provided by Indigenous groups following submission of the Application, including Program-specific TK information, will be reviewed in the context of the ESA and for incorporation into Program planning, as appropriate.	table for predicted residual effects on vegetation, water, fish wetlands, and wildlife. Significance With the implementation of mitigation and environmental protection measures, residual effects on TLRU are considered to be reversible, short term in duration, low magnitude and not significant.		
Rights of Indigenous Peoples (ROIP)	Y	NGTL GP is engaging 43 potentially affected Indigenous groups. The results of engagement are summarized in Section 5.3 of the Application. Specific potential interactions are provided herein.	Underway	Change to the exercise or practice of Indigenous and Treaty Rights (for example, to hunt, trap, fish, gather and undertake other cultural pursuits) during Decommissioning Activities due to the following:	Y	- Provide potentially affected Indigenous groups with the proposed Project activities schedule and maps. - Refer to the Indigenous TLRU element of this ESA for mitigation measures related to loss or alteration of TLRU locations sites or areas of	Change to the exercise or practice of Indigenous and treaty rights (for example, hunting, trapping, fishing, gathering, and conducting other cultural pursuits) may occur: Refer to the TLRU element of this table for predicted adverse residual effects on	Past and present projects and physical activities near the PDAs have contributed to the existing conditions for the exercise or practice of	- Environmental inspection will occur during physical Decommissioning Activities. - Post-decommissioning

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		- The PDAs occur within the Treaty 6, 7, and 8 First Nations, non-Treaty Nations, and Métis groups throughout Alberta. - The Project components are located in the Green and White areas of Alberta. The Facilities associated with the Project are located on provincial Crown lands, public lands managed by Special Areas and freehold land. - No new permanent land rights will be acquired by the Project. - Based on its scope, setting and scale, the Project has the potential to interact with the rights of the Indigenous peoples of Canada recognized and affirmed by section 35 of the <i>Constitution Act, 1982</i> (herein referred to as the “Rights of Indigenous Peoples”). - No site-specific issues or concerns associated with the Project have been identified by engaged Indigenous groups to date. However, this assessment assumes that areas within or near the PDAs on Crown land may support resources or contain areas or sites that are currently used for the exercise or practice of rights. Interactions Interactions with the rights of Indigenous Peoples could occur during physical Decommissioning Activities due to: - Vegetation removal - Soil stripping		- Refer to the Indigenous TLRU element of this table for change in current use locations, sites or areas, access to these sites or areas and quality, quantity, or distribution of traditional resources associated with exercise of rights - Change to the implementation of specific cultural traditions, laws, and governance systems that inform the exercise of Indigenous Rights.		cultural importance, access, and mitigations for traditional resources. - Implement the measures to mitigate effects on the resources relied upon for the exercise and practice of Indigenous and treaty rights that are provided in the EPP (Attachment 7-1 of the Application). - Provide all personnel working on the Project an orientation and information materials regarding environmental, health, safety expectations and cultural awareness and sensitivity. - Notify registered trappers at least 10 days prior to construction activities. - NGTL GP will continue to engage potentially affected Indigenous groups. Information provided by Indigenous groups following submission of the Application, including Program-specific TK, will be reviewed in the context of the ESA and for incorporation into Project planning, as appropriate.	quality, quantity, or distribution of traditional resources for current use, as well as access to traditional resources or locations and specific locations or areas of importance where rights are exercised in current use locations. - Change to an Indigenous group’s cultural traditions, laws and governance systems that inform the exercise of rights are not predicted as a result of reduced access and decision-making opportunities (e.g., stewardship areas, preferred and/or generational preferred lands and resources) during construction. - Potential residual effects on Rights of Indigenous Peoples are predicted to be reversible, short term in duration, and low in magnitude.	Indigenous and treaty rights in the RSA. - Refer to the TLRU element of this table for predicted cumulative effects on traditional use sites and activities. - Where ground disturbance is required as part of decommissioning activities, disturbed areas will be reclaimed to equivalent land capability. - The Program is expected to make a negligible contribution to ongoing cumulative effects on the exercise or practice of Indigenous and treaty rights at the regional scale.	monitoring will follow NGTL GP’s Reclamation Monitoring Process. Additionally, NGTL GP will continue to monitor the decommissioned in-place pipelines for potential hazards according to the Pipeline Monitoring Plan.

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		- Vehicle and equipment movement - Increased noise.							
Social and Cultural Wellbeing	N	- The Project has a limited scope, relatively small workforce (up to approximately 20 workers), and a short duration of Decommissioning Activities (from 14 to 28 days for each PDA). Physical work in any one area will be limited in extent and duration. - Existing commercial accommodations (including hotels and campgrounds) in urban centres such as Brooks, Red Deer, and Calgary will be used to house workers during decommissioning. - Following Decommissioning Activities, disturbance areas will be returned to their pre-decommissioning condition. - It is unlikely that the Project's workforce will disproportionately affect the social and cultural well-being of sub-groups of the local population (for example, men, women, Indigenous, and non-Indigenous).	N/A	There are no potential effects identified for social and cultural well-being.	N/A	N/A	N/A	N/A	N/A
Human Health and Aesthetics	N	- Nuisance air and noise emissions will be associated with Decommissioning Activities. - See the Air Emissions and GHG Emissions, and Acoustic Environment elements of this table for a discussion of potential effects.	N/A	There are no potential effects identified for human health and aesthetics.	N/A	N/A	N/A	N/A	NGTL will continue to monitor the decommissioned in-place pipelines for potential hazards according to the Pipeline Monitoring Plan.

Element	Interaction (Y/N)	Description of Interaction(s) (If No Interaction is Predicted, Provide Justification)	Status of Element-Specific Study or Survey (Complete, Underway, Date Expected, or N/A)	Description of Potential Effects	Mitigation Will Be Implemented to Resolve Potential Adverse Effect (Y/N)	Specify the Mitigation	Description of Residual Effects After Mitigation	Description of the Cumulative Effects	Monitoring Plan/Details
		- Interactions with aesthetics are not anticipated during decommissioning because no new facilities will be constructed. - In consideration of the Project scope (that is, Decommissioning Activities on NGTL GP's existing infrastructure) and the duration of activities (from 14 to 28 days for each PDA), it is not anticipated that the Project will differentially affect diverse groups of people.							
Infrastructure and Services	N	- Decommissioning Activities at each facility will require a small workforce for a short duration of time (approximately 14 to 28 days for PDA). - Existing commercial accommodations (including hotels and campgrounds in urban centres such as Brooks, Grand Prairie, and Calgary) will be used to house workers during Decommissioning Activities. - Waste, including removed infrastructure, will be recycled or disposed of in approved waste facilities. Waste management services, including acceptance of hazardous waste, are available in surrounding cities (for example Edmonton, Red Deer, and Calgary). - It is unlikely that the Project's workforce will disproportionately affect the social and cultural well-being of sub-groups	N/A	There are no potential effects identified for infrastructure and services.	N/A	N/A	N/A	N/A	N/A

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		of the local population (for example, men, women, Indigenous, and non-Indigenous). It is unlikely that the Project's workforce will disproportionately affect the availability of community services and infrastructure of subgroups of the local population (for example, men, women, Indigenous, and non-Indigenous).							
Employment and Economy	N	- The Project has a limited scope, relatively small workforce (up to approximately 20 workers), and a short duration of Decommissioning Activities (from 14 to 28 days for each PDA). Physical work in any one area will be limited in extent and duration. - Although the Project could result in employment and business opportunities, these will be limited in duration and extent. - The Project will not affect local or regional employment, or government revenues. NGTL GP will engage with Counties and Municipal Districts who may be affected. - In consideration of the Project scope (that is, Decommissioning Activities on NGTL GP's existing infrastructure) and the duration of activities (from 14 to 28 days for each PDA), it is not anticipated that the Project will differentially affect diverse groups of people.	N/A	None	N	N/A	N/A	N/A	N/A

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		A detailed economic analysis was not deemed warranted.							
Accidents and Malfunctions	Y	An accident or malfunction may occur during Decommissioning Activities (for example, accidental release, transportation accident, damage to foreign utilities, fire).	Complete	- Contamination of soils, vegetation, water, fish or fish habitat, wetlands, and/or wildlife habitat may occur as a result of accidental release of hazardous material during Project activities. - Fire could originate from a Project work site during Decommissioning Activities or occur as a result of lightning or another natural event. - A vehicle accident could occur during Decommissioning Activities during movement of vehicles to and from the PDAs or heavy equipment onsite. - Damage to foreign pipelines and/or facilities near the PDAs could occur during Decommissioning Activities.	Y	<u>Hazardous Materials Release</u> - Inspect equipment regularly for leaks and confirm that it is in good working condition. Any equipment not meeting the requirements shall not be allowed to perform any work until it has been repaired, re-inspected, and deemed suitable for use. - Purge and clean the pipeline segments to be decommissioned prior to isolation or other construction activities. In the event of a spill, refer to the <i>Release Contingency Plan</i> (Appendix 1E of the EPP). - Carry appropriate release prevention, containment, and cleanup materials that are suitable for the type of hazardous products carried. - If an accidental release does occur, measures to control, contain, recover and clean up the release are to be implemented immediately to reduce the potential for adverse environmental and human health effects, or to ensure the release does not spread or increase in size. Refer to the <i>Release Contingency Plan</i> (Appendix 1E of the EPP). <u>Fire</u> - Ensure that personnel are made aware of the proper disposal methods for welding rods, cigarette butts and other hot or burning material. - Necessary fire-fighting equipment will be on-site in accordance with the requirements of the responsible regulator and adjusted as fire hazard increases. - All motorized equipment must carry a fully charged fire extinguisher. - In the event of a fire or elevated fire hazard conditions according to applicable guidelines or regulations, follow the measures outlined in the	- A release during Decommissioning Activities would be contained and recovered. Potential residual effects of a release on soils, vegetation, water, fish or fish habitat, wetlands, and wildlife habitat are expected to be avoided, or effectively mitigated; there are no predicted residual effects from a release. - Despite vigilance, fires may occur during Decommissioning Activities, and may potentially adversely affect adjacent vegetation and, in rare situations, affect wildlife. A fire may be short to long term in duration, reversible, and of low to high magnitude. An uncontrolled fire that affects adjacent vegetation and wildlife is a rare event. - A transportation accident may cause injury to workers and/or wildlife or may result in fire or contamination of land and water, depending on the location and severity. Although rare, a transportation accident is considered to be reversible to irreversible (that is, loss of life), short to long term in duration, and is of low to high magnitude. - Damage to an existing utility line during Decommissioning Activities could lead to a temporary interruption of services as well as fire or contamination of soil depending on the type of foreign line, location, and the severity of damage. Although	None of the potential residual effects listed are likely to occur and, therefore, a cumulative effects assessment for accidents and malfunctions is not warranted. In the unlikely event of an accident or malfunction, the contingency and management plans prepared for the Project would be implemented to effectively contain, clean up and document the incident. As a result, no cumulative effects assessment was conducted.	Environmental inspection will occur during Decommissioning Activities.

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						<i>Fire Suppression Contingency Plan</i> (Appendix 1E of the EPP). <u>Transportation Accident</u> - Where feasible and applicable, use multi-passenger vehicles for the transport of crews to and from job sites. - Reduce idling of equipment, where possible, and ensure that it is well-maintained. - Restrict all construction activities to the approved construction footprint. All Project traffic will adhere to safety and road closure regulations. <u>Damage to Foreign Utilities</u> - Restrict all Project activities to the approved construction footprint.	rare, damage to a foreign utility may be immediate to short term in duration, reversible, and of low to high magnitude.		
Effects of the Environment on the Project	Y	- Severe weather (including high wind speeds, heavy precipitation, wildfire or extreme temperatures, lightning, and temperature inversions) may delay Project activities or damage equipment at any of the PDA locations. - There are no issues anticipated with regard to the ability of the decommissioned pipeline segments to withstand the effects of the environment.	Complete	- Severe weather during Decommissioning Activities - Loss of cover over the pipeline as a result of an extreme flood event	Y	- Following an adverse weather event, confirm the efficacy of sediment and erosion control measures and whether corrective action is required. - Refer to the Accidents and Malfunctions element of this table for mitigation relevant to fire.	With the implementation of mitigation, preventative and response measures, residual adverse effects of the environment on the Project are not anticipated. Therefore, no further assessment is required.	N/A	Environmental inspection will occur during Decommissioning Activities.

¹ Decommissioning Activities for the Project include the following: All pipeline isolations will involve cutting, purging (emptied of service fluids and left without any internal pressure), cleaned of liquids or debris and capped, as per CSA Z662. The removal of approximately 355 m of pipelines and decommissioning in-place approximately 186.41 km of pipelines (see Table 1 of the Application). Where ground disturbance is required as part of Decommissioning Activities, disturbed areas will be reclaimed to equivalent land capability.

Notes:
 NGTL GP confirms that all the standard environmental mitigation noted in the above table as well as the following contingency plans and management plans are included in a Project-specific EPP: *Release Contingency Plan; Flood and Excessive Flow Contingency Plan; Fire Suppression Contingency Plan; Soil Handling Contingency Plan; Permafrost Contingency Plan; Soil Erosion Contingency Plan; Contaminated Soils Contingency Plan; Plant Species and Ecological Communities of Concern Discovery Contingency Plan; Wildlife Species of Concern Discovery Contingency Plan; Cultural Resource Discovery Contingency Plan; and Breeding, Bird and Nest Management Plan.*

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