



Canada Energy Régie de l'énergie
Regulator du Canada

Suite 210 517, Dixième Avenue S.-O.
517 Tenth Avenue SW bureau 210
Calgary, Alberta Calgary (Alberta)
T2R 0A8 T2R 0A8

File OF-Fac-Gas-N081-2023-06 01/4283052
21 December 2023

Kenneth Pountney
Regulatory Project Manager, Regulatory Facilities
TC Energy
450 – 1 Street SW
Calgary, AB T2P 5H1
Email kenneth_pountney@tcenergy.com

Dear Kenneth Pountney:

NOVA Gas Transmission Ltd.
Application for the 2022 Decommissioning Program under section 45.1 of the
Canadian Energy Regulator Onshore Pipeline Regulations

NOVA Gas Transmission Ltd. (NGTL) filed an application in relation to the 2022 Decommissioning Program (**Application**) with the Canada Energy Regulator (CER) on 21 August 2023 ([C25951](#)) to decommission two lateral pipelines with two associated meter stations and 19 stand-alone lateral pipelines (**Facilities or Project**). NGTL also filed responses to CER information requests dated 3 October 2023 ([C26444](#)) and 3 November 2023 ([C27106](#)). NGTL determined that the Facilities are not necessary to meet customers' future natural gas transportation demands. Although the Facilities to be decommissioned will cease operation, service will continue to be provided through adjacent NGTL pipelines.

The Commission of the CER approves the Application and issues Order MO-039-2023. The Commission is satisfied that NGTL's commitments and planned mitigation measures are sufficient to protect the environment and public safety during work to decommission the Facilities and while the Facilities are in a decommissioned state. The Commission determined that, with the implementation of NGTL's mitigation measures and the requirements of the Commission's conditions, any potential adverse environmental and socio-economic effects, taking relevant context including cumulative effects into account, would be of low significance.

Appropriateness of Decommissioning Methods

NGTL stated that decommissioning activities will be carried out in accordance with the *Canadian Energy Regulator Onshore Pipeline Regulations (OPR)* and CSA Z662:23. NGTL submitted that, for the majority of the lateral pipelines, the most appropriate method was to decommission in-place approximately 307 kilometres (km) of pipeline and reclaim the disturbance areas at facilities to equivalent land capability following decommissioning activities. NGTL also stated that removal of the lateral pipelines would cause greater

.../2

disruption to the environment due to the use of heavy equipment, increase construction traffic on local roads, and cause safety issues as compared to decommissioning the pipelines in-place. NGTL proposed to remove above-ground facilities and specific pipeline segments, including those at facilities and one 60-metre (**m**) segment of pipeline within a third-party site.

NGTL stated that the decommissioning work for the meter stations and laterals will include physical isolation of the Facilities from the NGTL system. The isolation of lateral pipelines will involve cutting, purging (emptied of service fluids and left without any internal pressure), cleaned of liquids or debris, and capped. Lastly, cathodic protection systems will be maintained by installation of a continuity bond across the cut points to ensure mitigation of corrosion of the laterals, and to ensure structural integrity of the pipeline is maintained for road and/or rail crossings.

Commission Analysis and Findings

The Commission has considered the appropriateness of NGTL's proposed decommissioning methods in consideration of such factors as: physical constraints to removing the pipe and related infrastructure, future land use, environment, safety, and economics. The Commission finds that the removal of the lateral pipelines could result in an increase in adverse environmental effects and safety risks. The Commission finds that the proposed decommissioning in-place and removal of above-ground facilities is appropriate for the Project.

The Commission is of the view that NGTL's proposed safety and monitoring measures, including its implementation of NGTL's Pipeline Monitoring Plan are capable of protecting public safety and the environment. The Commission is satisfied with NGTL's commitment to carry out decommissioning activities in accordance with the OPR and CSA Z662:23.

Regarding NGTL's plans to abandon in-place 6.21 km of the Rochester Lateral, the Commission reminds NGTL that it must submit the appropriate application under section 241 of the *Canadian Energy Regulator Act (CER Act)* for abandonment of that pipeline segment.

Environment Matters

NGTL, in its Application, filed an Environmental Protection Plan¹ (**EPP**), Interactions Table², Phase I Environmental Site Assessments (**ESA**), Phase II ESA Plan, and a Pipeline Monitoring Plan to monitor the decommissioned in-place pipelines for potential hazards.

Decommissioning activities at two locations associated with the Basset Lake West Lateral would occur within critical habitat for woodland caribou (Chinchaga herd range, listed as Threatened by the *Species at Risk Act*). NGTL committed to working outside of the restricted activity period for woodland caribou and has confirmed that tree clearing will not be required for decommissioning activities. NGTL proposed using low-disturbance methods to accomplish decommissioning activities, which it predicts will take 14 to 28 days at each site. Sites are located within existing NGTL meter stations and on existing NGTL rights-of-way

¹ NGTL, *2022 Decommissioning Program Application - Environmental Protection Plan*, Filing ID [C25951-8](#) (August 2023).

² NGTL, *2022 Decommissioning Program Application - Interactions Table*, Filing ID [C25951-7](#) (August 2023).

(**RoWs**). NGTL's EPP contains species-specific mitigation measures for woodland caribou and other species at risk that may be encountered, including contingency plans.

Commission Analysis and Findings

The Commission considered the proposed timing, short duration and limited scope of decommissioning activities, the mitigation measures and contingency plans provided by NGTL, and the relevant context including existing cumulative effects. Overall, in the Commission's view, residual adverse effects of the Project on the environment, including the Project's contribution to cumulative effects, are expected to be short term in duration, range from the Project Development Area (**PDA**) to the Regional Assessment Area, would be low in magnitude, and are therefore expected to be of low significance.

The Commission finds that adverse effects of the Project on woodland caribou, including the Project's contribution to cumulative effects, are expected to be of low significance. Based on the information provided, the Commission is satisfied that the Project should not result in the destruction of critical habitat given the low-disturbance nature and timing of decommissioning activities outside of restricted activity periods for caribou, as well as NGTL's mitigation measures contained in the EPP, Pipeline Monitoring Plan, and contingency plans.

Socio-Economic and Land Matters

NGTL notified approximately 260 directly affected landowners (including the Crown), and approximately 492 other land rights holders (e.g., occupants, land users and industry parties) who may be potentially impacted by the Project. NGTL committed to continuing to work with stakeholders to resolve any outstanding issues or concerns.

NGTL stated that it will use existing land rights for the work associated with the decommissioning activities and no new permanent land rights are anticipated to be acquired for the Project. NGTL does not anticipate needing temporary workspace, but if required NGTL will seek necessary temporary workspace from landowners and occupants. Decommissioning activities will occur within existing, previously disturbed RoWs. The PDAs are located on freehold (private) lands, provincial Special Areas Lands, provincial Crown lands, and Canadian Pacific Railway lands. NGTL stated that the scope of the 2022 Decommissioning Program is small in scale and of short duration, with a workforce up to approximately 20 workers.

NGTL identified fourteen PDAs located in areas with known heritage resources. NGTL stated that it would submit a Historical Resources Application and Statement of Justification for all PDAs and any required temporary access to the Alberta Ministry of Arts, Culture and Status of Women (**AACSW**). NGTL also committed to fulfilling all requirements issued by the province of Alberta for the Project under the *Historical Resources Act*.

Based on the planned mitigation and predicted residual effects described in the Interactions Table, NGTL's environmental and socio-economic assessment for the Project determined that the Project is not likely to result in significant adverse residual environmental or socio-economic effects or cumulative effects.

Commission Analysis and Findings

The Commission is satisfied that NGTL has identified and appropriately addressed the potential socio-economic impacts associated with the Project. The Commission is of the view that, with mitigations in place, any potential adverse socio-economic effects from the Project

would be of low significance. The Commission considered the fact that NGTL's decommissioning activities will take place on previously disturbed lands and no new land rights are anticipated to be required for the Project.

With respect to minimizing impacts to heritage resources, the Commission imposes **Condition 4**, requiring NGTL to file with the CER confirmation that it has received the required archaeological and heritage resource clearances from AACSW, as well as how any conditions contained in those clearances will be met and incorporated into the Project-specific EPP as needed. Concerns raised by Indigenous³ communities regarding heritage resources are also discussed in further detail below.

Matters Related to Indigenous Peoples

The Project is located within the asserted traditional territories, of Treaty 4, 6, 7 and 8 boundaries, and within the Métis Nation of Alberta – Regions 1, 3, 4 and 6. NGTL notified 49 potentially affected Indigenous communities and organizations who have known or asserted traditional territory in the Project areas. NGTL's engagement activities included distribution of an information package by email and/or Xpress post, follow-up calls, emails, meetings, and notification of the filed Application.

NGTL's engagement summaries identified concerns from Indigenous communities regarding monitoring. As'in'i'wa'chi Ni'yaw Nation (Kelly Lake Cree Nation) recommended having Kelly Lake Cree Nation monitors present, especially during activities near water and involving vegetation remediation. NGTL indicated that it does not anticipate scope for Indigenous monitoring on the Project at this time due to the Project's limited scope and scale and short duration of decommissioning activities.

Kelly Lake Cree Nation also raised concerns about potential Project effects on archaeological and cultural heritage sites. NGTL stated that the PDAs are largely confined to areas which were previously disturbed by the installation and operation of the facilities to be decommissioned, limiting potential for undisturbed or unrecorded heritage sites. NGTL proposed mitigation measures to restrict all decommissioning activities to the approved project footprint; avoid clearing in proximity to known archaeological sites; forbid collection of heritage resources; include any required site-specific mitigation in the EPP and Environmental Alignment Sheets; and implement the *Cultural Resource Discovery Contingency Plan* in the event of encountering previously unidentified traditional land or resource use (TLRU) sites, historical or paleontological features, or human remains. As part of the *Cultural Resource Discovery Contingency Plan*, NGTL committed to contacting any potentially affected Indigenous communities if an unreported heritage resource or TLRU site is found during decommissioning activities.

Foothills First Nation and Kelly Lake Cree Nation expressed concerns regarding cumulative effects on future generations and on wildlife habitat. NGTL responded that the Project is located within and adjacent to existing industrial lands and RoWs. NGTL also stated that areas disturbed by decommissioning activities will be reclaimed with the overall goal of maintaining or achieving equivalent land capability.

³ The use of the term "Indigenous" has the meaning assigned by the definition of "aboriginal peoples of Canada" in subsection 35(2) of the *Constitution Act, 1982*, being Schedule B to the *Canada Act 1982* (UK), 1982, c 11, which states:

In this Act, "aboriginal peoples of Canada" includes the Indian, Inuit, and Métis peoples of Canada.

Other interests and concerns raised by Indigenous communities during NGTL's engagement include site visits; land access; TLRU (e.g., hunting and gathering); and effects on vegetation and medicinal plants, wildlife, water quality, and inherent and Treaty rights. NGTL proposed mitigation measures in the Project's Interactions Table and EPP, as well as during engagement activities to address these concerns. For example, NGTL developed mitigation tables for the issues raised by Kelly Lake Cree Nation, Nose Creek Community and O'Chiese First Nation.

NGTL stated that it has not been made aware of any Project-specific issues or concerns raised during its engagement activities with potentially affected Indigenous communities that remain outstanding. NGTL committed to ongoing engagement with Indigenous communities throughout the lifecycle of the Project.

Commission Analysis and Findings

The Commission is satisfied that anyone potentially impacted by the Project had the opportunity to voice their concerns. In addition to NGTL's engagement, the CER issued notices of application directly to 49 potentially impacted Indigenous communities on 19 October 2023, informing them of the Project, the Commission's assessment process, and how to submit a statement of concern⁴. The CER also sent an additional notice to the Métis Nation of Alberta pursuant to their Consultation Agreement⁵. The CER did not receive any concerns or replies regarding the proposed Project from any of the notified Indigenous communities. The Commission finds the scope of engagement and consultation activities undertaken to be appropriate given the scope and scale of the Project.

The Commission assessed NGTL's proposed mitigation measures in response to concerns raised by Indigenous communities and considers them to be appropriate and commensurate with the nature of the Project. Furthermore, NGTL has committed to ongoing engagement with Indigenous communities. Given the relatively small scope of land disturbance along the RoW for decommissioning activities and the short duration of decommissioning activities, the Commission is of the view that a Project-specific monitoring program by Indigenous Peoples is not warranted in this particular case. However, there is a CER initiative underway to create an Indigenous Oversight Forum relating to systemic pipeline oversight for NGTL projects. The Commission finds that with NGTL's mitigation measures and commitments, together with Condition 4, potential effects to heritage resources will be minimized. With respect to cumulative effects, the Commission is satisfied that the residual effects of the Project will be appropriately avoided or minimized with NGTL's mitigation measures, and the Project's contribution to total cumulative effects will be low or negligible.

Several Indigenous communities expressed an interest in site visits and some discussions for scheduling may be ongoing. The Commission expects NGTL to continue working with Indigenous communities who remain interested in site visits. The Commission reminds NGTL of the importance of establishing and maintaining strong relationships with potentially affected Indigenous Peoples throughout the entire lifecycle of the Project.

⁴ CER, *Notice of Application to Indigenous Peoples – Application for Approval of the 2022 Pipeline Decommissioning Program*, Filing ID [C26795](#) (19 October 2023).

⁵ The Consultation Agreement between the Métis Nation of Alberta and the Government of Canada signed July 2018, may be found online at: https://albertametis.com/app/uploads/2018/07/MNA_Canada-Consultation-Agreement.pdf

In light of the engagement undertaken by NGTL, the Commission's assessment of the Project Application, and the conditions in the attached Order MO-039-2023, the Commission finds that there has been adequate consultation with Indigenous Peoples for the purpose of the Commission's decision to approve the Project.

Indigenous and Treaty rights are recognized and affirmed in section 35 of the *Constitution Act, 1982*, and the Commission must uphold the honour of the Crown in all its dealings with Indigenous Peoples. In addition to the constitutional obligation to uphold the honour of the Crown, the CER Act contains specific references and requirements regarding the consideration of the rights of Indigenous Peoples, including section 56, which requires the Commission to consider the effects of proposed applications on the rights of Indigenous Peoples.

The Commission received sufficient information to allow it to assess the potential effects of the Project on the rights of Indigenous Peoples. This information included evidence from NGTL about its early and ongoing engagement activities with First Nations and Métis communities and organizations, information from NGTL about concerns raised by Indigenous Peoples about potential effects of the Project on the environment, on TLRU, and any related potential impacts to rights, as well as the mitigation measures proposed by NGTL to address any potential impacts. The Commission has considered NGTL's submission that they are not aware of any Project-specific concerns that remain outstanding. Furthermore, no concerns by potentially impacted Indigenous Peoples were raised directly with the Commission. In the context of the scope and nature of the Project, the Commission considers that the potential adverse effects of the Project on the rights of Indigenous Peoples will be effectively addressed.

The Commission concludes that its findings on this Project are consistent with the requirements of section 35 of the *Constitution Act, 1982* and the honour of the Crown.

Economics and Financial Matters

NGTL submitted that all potentially affected commercial third parties, including the Tolls, Tariffs, Facilities and Procedures Committee have been notified of this Project and NGTL is not aware of any issues or concerns at this time. According to NGTL, no material impact is expected on NGTL system rates or the current transportation services.

NGTL also estimated the costs for decommissioning activities at approximately \$17.7 million and confirmed that interim funding is available. Through a subsequent application, NGTL plans to seek reimbursement from its Abandonment Trust for all decommissioning costs.

Commission Analysis and Findings

The Commission is satisfied with NGTL's submissions and is of the view that the decommissioning cost will not impact NGTL System's rate base. The Commission also considered the fact that no comments or concerns were raised by commercial third parties after notification of the Project.

NGTL's Abandonment Cost Estimate is around \$2.5 billion and it currently holds an Abandonment Trust with a closing balance of approximately \$707 million as of 31 December 2022.⁶ Should NGTL's application for reimbursement of all the

⁶ NGTL, *2022 Abandonment Funding Reporting Form*, Filing ID [C24259](#) (28 April 2023).

decommissioning costs be approved, the Commission is of the view that there are sufficient funds in the Abandonment Trust to reimburse the costs incurred.

Conclusion

The Commission grants the requested relief through the issuance of attached Order MO-039-2023, pursuant to subsection 68(1) of the CER Act and section 45.1 of the OPR. The Commission reminds NGTL that it continues to be responsible for meeting all legislative requirements with respect to the decommissioned Facilities, including those under the OPR.

The Commission directs NGTL to serve a copy of this letter and the attached Order on all interested parties.

Yours sincerely,

Signed by

Ramona Sladic
Secretary of the Commission

Attachment



ORDER MO-039-2023

IN THE MATTER OF the *Canadian Energy Regulator Act* (**CER Act**) and the regulations made thereunder; and

IN THE MATTER OF an application made by NOVA Gas Transmission Ltd. (**NGTL**), pursuant to section 45.1 of the *Canadian Energy Regulator Onshore Pipeline Regulations* (**OPR**), dated 21 August 2023, filed with the Canada Energy Regulator (**CER**) under File OF-Fac-Gas-N081-2023-06 01/4283052.

BEFORE the Commission of the CER on 15 December 2023.

WHEREAS NGTL filed an application on 21 August 2023 for the 2022 Decommissioning Program (**Application**) to decommission two lateral pipelines with two associated meter stations and 19 stand-alone lateral pipelines (**Facilities or Project**);

AND WHEREAS the information about the Project is set out in Schedule A, attached to and forming part of this Order;

AND WHEREAS NGTL filed subsequent submissions on 3 October 2023 and 3 November 2023;

AND WHEREAS the Commission has had regard to all considerations that are relevant and directly related to the Application, including matters under section 56 of the CER Act and environmental matters;

AND WHEREAS the Commission has examined the Application and subsequent filings and considers it to be in the public interest to grant the relief requested by NGTL;

IT IS ORDERED that, pursuant to section 45.1 of the OPR and subsection 68(1) of the CER Act, the applied-for Project is approved subject to the following conditions:

1. NGTL must comply with all of the conditions contained in this Order unless the Commission otherwise directs.
2. NGTL must decommission and maintain the Facilities in their decommissioned state in accordance with the specifications, standards, commitments, and other information referred to in its Application and related submissions.
3. NGTL must implement or cause to be implemented all of the policies, practices, programs, mitigation measures, recommendations, procedures and its commitments for the protection of the environment included in or referred to in its Application or in its related submissions.

.../2

4. NGTL must file with the CER, **at least 14 days prior to commencing the decommissioning activities**:
 - a) confirmation that NGTL has obtained all required archaeological and heritage resource clearances from the Alberta Ministry of Arts, Culture and Status of Women for the Project's permanent and temporary land requirements, based on NGTL's understanding of land requirements at the time of filing;
 - b) a description of how NGTL will meet any conditions and respond to any comments and recommendations contained in the clearances referred to in a); and
 - c) a summary of any additional mitigation measures that are incorporated into the Project-specific Environmental Protection Plan resulting from b) above.
5. NGTL must, **at least 14 days prior to commencing the decommissioning activities**, file with the CER a detailed schedule or schedules identifying major activities and must notify the CER of any modifications to the schedule or schedules as they occur.
6. NGTL must file with the CER, **within 30 days of the date that the decommissioning activities are completed**, confirmation that the activities were completed in compliance with all applicable conditions in this Order. If compliance with any of these conditions cannot be confirmed, NGTL must file with the CER details as to why compliance cannot be confirmed. The filing required by this condition must 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.
7. This Order will expire on 31 December 2026 unless decommissioning activities of the Project has commenced by that date.

THE COMMISSION OF THE CANADA ENERGY REGULATOR

Signed by

Ramona Sladic
Secretary of the Commission

SCHEDULE A
Order MO-039-2023

NOVA Gas Transmission Ltd. (NGTL)
Application dated 21 August 2023
assessed pursuant to section 45.1 of the *Canadian Energy Regulator Onshore Pipeline Regulations*

NGTL 2022 Decommissioning Program
File OF-Fac-Gas-N081-2023-06 01/4283052

Pipeline Specifications – Alderson Lateral Loop

Project Type	Decommissioning
Location (endpoints)	From NW 29-018-12 W4M (Alberta) to SE 20-018-12 W4M (Alberta)
Approximate Length	3.0 km (in-place)
Outside Diameter	273.1 mm (NPS 10)
Wall Thickness	4.78 mm
Pipe Grade	Grade 317 MPa
Product	None

Pipeline Specifications – Basset Lake West Lateral

Project Type	Decommissioning
Location (endpoints)	From SE 23-108-04 W6M (Alberta) to NE 07-108-06 W6M (Alberta)
Approximate Length	26.4 km (in-place)
Outside Diameter	219.1 mm (NPS 8)
Wall Thickness	3.58 mm
Pipe Grade	Grade 359 MPa
Product	None

SCHEDULE A (continued)
Order MO-039-2023

Pipeline Specifications – Burnt Timber Lateral Loop

Project Type	Decommissioning
Location (endpoints)	From NW 29-029-04 W5M (Alberta) to NE 13-030-07 W5M (Alberta)
Approximate Length	23.8 km (in-place)
Outside Diameter	323.9 mm (NPS 12)
Wall Thickness	4.78 mm
Pipe Grade	Grade 359 MPa
Product	None

Pipeline Specifications – Burnt Timber Lateral

Project Type	Decommissioning
Location (endpoints)	From NE 13-030-07 W5M (Alberta) to NE 13-030-07 W5M (Alberta)
Approximate Length	60 m (by removal)
Outside Diameter	323.9 mm (NPS 12)
Wall Thickness	4.78 mm
Pipe Grade	Grade X46
Product	None

SCHEDULE A (continued)
Order MO-039-2023

Pipeline Specifications – Cessford-Burfield Lateral Loop

Project Type	Decommissioning
Location (endpoints)	From NW 05-026-12 W4M (Alberta) to NW 19-026-13 W4M (Alberta)
Approximate Length	12.6 km (in-place)
Outside Diameter	273.1 mm (NPS 10)
Wall Thickness	4.04 mm
Pipe Grade	Grade 359 MPa
Product	None

Pipeline Specifications – Glendon Lateral

Project Type	Decommissioning
Location (endpoints)	From SW 06-062-08 W4M (Alberta) to SW 16-061-08 W4M (Alberta)
Approximate Length	8.5 km (in-place)
Outside Diameter	168.3 mm (NPS 6)
Wall Thickness	3.18 mm
Pipe Grade	Grade 317 MPa
Product	None

SCHEDULE A (continued)
Order MO-039-2023

Pipeline Specifications – Holden Lateral Loop (NPS 6)

Project Type	Decommissioning
Location (endpoints)	From NW 14-048-16 W4M (Alberta) to NW 20-048-16 W4M (Alberta)
Approximate Length	5.2 km (in-place)
Outside Diameter	168.3 mm (NPS 6)
Wall Thickness	3.18 mm
Pipe Grade	Grade 317 MPa
Product	None

Pipeline Specifications – Holden Lateral Loop (NPS 8)

Project Type	Decommissioning
Location (endpoints)	From NE 08-048-15 W4M (Alberta) to NW 14-048-16 W4M (Alberta)
Approximate Length	6.4 km (in-place)
Outside Diameter	219.1 mm (NPS 8)
Wall Thickness	3.58 mm
Pipe Grade	Grade 359 MPa
Product	None

SCHEDULE A (continued)
Order MO-039-2023

Pipeline Specifications – Josephine East Lateral

Project Type	Decommissioning
Location (endpoints)	From NE 06-082-09 W6M (Alberta) to NW 16-082-07 W6M (Alberta)
Approximate Length	22.1 km (in-place)
Outside Diameter	168.3 mm (NPS 6)
Wall Thickness	3.18 mm
Pipe Grade	Grade 317 MPa
Product	None

Pipeline Specifications – Josephine Lateral

Project Type	Decommissioning
Location (endpoints)	From SE 05-079-09 W6M (Alberta) to NE 06-082-09 W6M (Alberta)
Approximate Length	30.4 km (in-place)
Outside Diameter	273.1 mm (NPS 10)
Wall Thickness	4.04 mm
Pipe Grade	Grade 359 MPa
Product	None

SCHEDULE A (continued)
Order MO-039-2023

Pipeline Specifications – Medicine Hat Lateral Loop

Project Type	Decommissioning
Location (endpoints)	From NE 11-020-01 W4M (Alberta) to SW 02-020-01 W4M (Alberta)
Approximate Length	2.5 km (in-place)
Outside Diameter	273.1 mm (NPS 10)
Wall Thickness	6.4 mm
Pipe Grade	A-106 Grade B
Product	None

Pipeline Specifications – Medicine Hat Lateral Loop No. 2

Project Type	Decommissioning
Location (endpoints)	From SE 11-020-01 W4M (Alberta) to SW 02-020-01 W4M (Alberta)
Approximate Length	2.5 km (in-place)
Outside Diameter	323.9 mm (NPS 12)
Wall Thickness	4.78 mm
Pipe Grade	Grade 46
Product	None

SCHEDULE A (continued)
Order MO-039-2023

Pipeline Specifications – Michichi Lateral

Project Type	Decommissioning
Location (endpoints)	From SW 33-030-19 W4M (Alberta) to SW 08-031-18 W4M (Alberta)
Approximate Length	7.4 km (in-place)
Outside Diameter	168.3 mm (NPS 6)
Wall Thickness	3.18 mm
Pipe Grade	Grade 317 MPa
Product	None

Pipeline Specifications – Morrin Lateral

Project Type	Decommissioning
Location (endpoints)	From NE 02-031-21 W4M (Alberta) to SW 33-030-19 W4M (Alberta)
Approximate Length	17.1 km (in-place)
Outside Diameter	168.3 mm (NPS 6)
Wall Thickness	3.18 mm
Pipe Grade	Grade 317 MPa
Product	None

SCHEDULE A (continued)
Order MO-039-2023

Pipeline Specifications – Ralston Lateral

Project Type	Decommissioning
Location (endpoints)	From SW 23-017-10 W4M (Alberta) to NW 01-016-10 W4M (Alberta)
Approximate Length	13.6 km (in-place)
Outside Diameter	168.3 mm (NPS 6)
Wall Thickness	3.18 mm
Pipe Grade	Grade 317 MPa
Product	None

Pipeline Specifications – Rochester Lateral

Project Type	Decommissioning
Location (endpoints)	From SW 09-062-24 W4M (Alberta) to SW 19-061-24 W4M (Alberta)
Approximate Length	8.1 km (in-place)
Outside Diameter	114.3 mm (NPS 4)
Wall Thickness	2.77 mm
Pipe Grade	Grade 290 MPa
Product	None

SCHEDULE A (continued)
Order MO-039-2023

Pipeline Specifications – Sedgewick Lateral (NPS 6)

Project Type	Decommissioning
Location (endpoints)	From NW 23-043-11 W4M (Alberta) to SE 16-042-12 W4M (Alberta)
Approximate Length	17.2 km (in-place)
Outside Diameter	168.3 mm (NPS 6)
Wall Thickness	3.18 mm
Pipe Grade	Grade 317 MPa
Product	None

Pipeline Specifications – Sedgewick Lateral (NPS 8)

Project Type	Decommissioning
Location (endpoints)	From NW 22-044-10 W4M (Alberta) to NW 23-043-11 W4M (Alberta)
Approximate Length	14.4 km (in-place)
Outside Diameter	219.1 mm (NPS 8)
Wall Thickness	3.58 mm
Pipe Grade	Grade 359 MPa
Product	None

SCHEDULE A (continued)
Order MO-039-2023

Pipeline Specifications – Simonette Lateral

Project Type	Decommissioning
Location (endpoints)	From NW 05-063-25 W5M (Alberta) to NW 07-064-23 W5M (Alberta)
Approximate Length	22 km (in-place)
Outside Diameter	219.1 mm (NPS 8)
Wall Thickness	3.96 mm (5.16 mm)
Pipe Grade	Grade 359 MPa and X42
Product	None

Pipeline Specifications – Stanmore Lateral

Project Type	Decommissioning
Location (endpoints)	From SE 11-030-12 W4M (Alberta) to NW 05-026-12 W4M (Alberta)
Approximate Length	40.1 km (in-place)
Outside Diameter	273.1 mm (NPS 10)
Wall Thickness	4.8 mm
Pipe Grade	Grade X46
Product	None

SCHEDULE A (continued)
Order MO-039-2023

Pipeline Specifications – Youngstown Lateral

Project Type	Decommissioning
Location (endpoints)	From NW 29-030-09 W4M (Alberta) to SE 11-030-12 W4M (Alberta)
Approximate Length	24.2 km (in-place)
Outside Diameter	168.3 mm (NPS 6)
Wall Thickness	3.18 mm
Pipe Grade	Grade 317 MPa
Product	None

SCHEDULE A (continued)**Order MO-039-2023**Facilities Specifications – Michichi Receipt Meter Station

Project Type	Decommissioning
Facility Type	Metering station
Location	In SW 08-031-18 W4M (Alberta) (by removal)
Description	<ul style="list-style-type: none"> • NPS 6 Orifice meter • 626×10³m³/day capacity
Product	None

Facilities Specifications – Youngstown Receipt Meter Station

Project Type	Decommissioning
Facility Type	Metering station
Location	In NW 29-030-09 W4M (Alberta) (by removal)
Description	<ul style="list-style-type: none"> • NPS 4 Orifice meter • 630×10³m³/day capacity
Product	None