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Filed Electronically

National Energy Board
Suite 210, 517 Tenth Avenue SW
Calgary, AB T2R 0A8

Attention: Ms. Sheri Young, Secretary of the Board

Dear Ms. Young:

**Re: NOVA Gas Transmission Ltd. (NGTL)
North Montney Project (Project)
Certificate of Public Convenience and Necessity GC-125 (Certificate) and
NEB Order XG-N081-10-2015 (Order)
Board File OF-Fac-Gas-N081-2013-10 02
Certificate Condition 27 and Order Condition 11
Construction Progress Report No. 24**

In accordance with Certificate Condition 27 and Order Condition 11, NGTL encloses for filing with the National Energy Board (NEB or Board) Construction Progress Report No. 24 (Report) for the following components of the Project:

- Aitken Creek Section
- Compressor Stations
- Meter Stations

The Report covers the period from August 1 through August 15, 2019 (Reporting Period). During this Reporting Period, there were no significant security or safety issues on the Project.

Should you require additional information, please contact me by phone at (403) 920-7816, or by email at crystal_begin@transcanada.com.

Yours truly,
NOVA Gas Transmission Ltd.

Original signed by

Crystal Begin
Regulatory Project Manager
Regulatory Facilities, Canadian Natural Gas Pipelines

Enclosure

cc: Kent Rowden, National Energy Board

CONSTRUCTION PROGRESS REPORT NO. 24
Aitken Creek Section
Reporting Period – August 1, 2019 to August 15, 2019

1.0 REPORT OVERVIEW

The North Montney Aitken Creek Section consists of approximately 182 km of 1,067 mm (NPS 42) outside diameter (OD) pipeline, mainline block valves, associated crossover assemblies and launcher/receiver assemblies. The Aitken Creek Section of NOVA Gas Transmission Ltd.'s (NGTL) North Montney Mainline runs from NGTL's Saturn Meter Station to the Aitken Creek Inter-connect Meter Station at B-044-L/094-A-13. Section 58 and Section 52 construction activities commenced on August 13, 2018.

This construction progress report (Report) complies with Condition 27 of Certificate GC-125 and Condition 11 of Order XG-N081-010-2015, which requires NGTL to report on the following:

- activities carried out during the reporting period
- any environmental, socio-economic, safety and security issues
- any non-compliance issues
- measures undertaken to resolve each issue and noncompliance
- an update on the extent to which potential delays to the construction schedule filed with the Board risk the overlap of construction activities with caribou critical timing windows
- an explanation of whether any additional mitigation measures are required and will be implemented to reduce that risk

This Report discusses the construction activities for the Aitken Creek Section that occurred between August 1 to 15, 2019 (Reporting Period).

2.0 CONSTRUCTION PROGRESS

A summary of construction activities for the Aitken Creek Section is identified by construction spread.

2.1 Spread 1

A summary of construction activities for the Aitken Creek Section – Spread 1 (kilometre post [KP] 0 to KP 52+064.7) are as follows:

- equipment mobilization and demobilization at the laydown yards is on-going
- boring activities are complete
- tie-in welding and coating activities are on-going

- machine cleanup activities are on-going
- Peace River HDD drilling activities are on going
- hydrotest and ILI runs are on going
- Pine River Dunes Area –trenchless crossing completed
- final clean up has commenced

2.2 Spread 2

An application for Leave to Open Spread 2 was submitted on July 26, 2019.¹ NGTL submitted its response to an information request related to the application on August 13, 2019.² No update for the construction activities for the Aitken Creek Section – Spread 2 (KP 52+064.7 to KP 119+426).

2.3 Spread 3

A summary of construction activities for the Aitken Creek Section – Spread 3 (KP 119+426 to KP 181+601.3) are as follows:

- Leave to Open for Spread 3 was approved on August 16, 2019³
- contractor has completed investigations for all the remaining anomaly digs
- final clean up activities commenced after the August long weekend

Table 1 summarizes the status of major construction activities on during the Reporting Period.

Table 1: Construction Activity Summary

Activity	Spread 1	Spread 2	Spread 3
	% Complete	% Complete	% Complete
Preparation of laydown yards and camps	100	100	100
Preparation of existing and temporary access	100	100	100
Clearing	100	100	100
Grading	100	100	100
Stringing	100	100	100
Bend and Setup	100	100	100
Poor Boy Welding	100	N/A	N/A
Mainline Welding	100	100	100
Coating	98	100	100
Ditching	98	100	100
Lower-in	98	100	100

¹ NEB Filing ID: C00699.

² NEB Filing ID: C00969.

³ NEB Filing ID: C01040.

Table 1: Construction Activity Summary (cont'd)

Activity	Spread 1	Spread 2	Spread 3
	% Complete	% Complete	% Complete
Backfill	98	100	100
Tie-ins	98	100	100
Road/Pipeline Bores	100	100	100
Hydrostatic Testing	82	100	100
Caliper Pigging	82	100	100
Final Tie-ins	0	100	100
Cleanup	21	70	99

3.0 ENVIRONMENT

3.1 Peace Moberly Tract

The HDD crossing of the Peace River is continuing.

3.2 Environmental Issues

During the reporting period, crews continued to address the environmental issues identified at six watercourses discussed with the Board Inspector Officers on June 26, 2019. NGTL met with the Board Inspectors on August 9, 2019 for the second Information Exchange Meeting. The Board Inspectors will review the information presented at the meeting and may send Information Requests (IRs). A follow up meeting will be scheduled at the end of September when the watercourse repairs are expected to be completed.

4.0 SAFETY AND SECURITY

No major or critical incidents were recorded during this reporting period. For a summary of all safety and security reporting events, see Table 2.

Table 2: Safety Reporting on the ROW

Description	Reporting Period/Total
Safe Acts	0/277
Unsafe Acts	0/120
Safety 24/7	0/8
Near Hits	0/2
Minor	5/504
Serious	0/46
Major	0/1
Critical	0/1
Note: For incident descriptions, see <i>TC Energy Incident Classification Guide</i> , Safety/Security sections.	

5.0 CONSTRUCTION SCHEDULES

There were no significant changes to Project schedule identified during this Reporting Period.

CONSTRUCTION PROGRESS REPORT NO. 24
Compressor Stations
Reporting Period – August 1 to August 15, 2019

1.0 REPORT OVERVIEW

The Groundbirch Compressor Station will consist of two 15-megawatt (MW) ISO rated compressor units capable of running in parallel or separately. Station piping will consist of yard piping designed for a station Maximum Operating Pressure (MOP) of 9,930 kPa, with the ability to reverse flow directions as operationally necessary. The station location is in a largely agricultural area in the SW ¼ section of 35-78-16 W6M. There are no section 58 facilities associated with the construction of this station.

The Saturn Compressor Station will consist of a single repurposed 15-megawatt (MW) ISO rated compressor unit. Station piping will consist of yard piping designed for a station Maximum Operating Pressure (MOP) of 9,930 kPa, with the ability to reverse flow directions as operationally necessary. The station location is in a largely rural area with forested land use. Oil and Gas development in the area is commonplace. It is located at KP 5 of the Aitken section of the NMML pipeline. There are no section 58 facilities associated with the construction of this station.

This construction progress report (Report) complies with Condition 27 of Certificate GC-125, which requires NGTL to report on the following:

- activities carried out during the reporting period
- any environmental, socio-economic, safety and security issues
- any non-compliance issues
- measures undertaken to resolve each issue and noncompliance

This Report discusses the construction activities for the Groundbirch and Saturn compressor stations that occurred between August 1 to 15, 2019 (Reporting Period).

2.0 CONSTRUCTION PROGRESS

A summary of construction activities for the Groundbirch Compressor Station is as follows:

- installation of large bore pipe assemblies at site nearly complete
- hydrotesting of large bore pipe sections at site commenced
- offsite pipe fabrication complete
- instrument air buildings installed at site and complete
- heat medium and utility skid buildings nearly complete at site
- electrical skid building work near complete
- electrical work in compressor buildings ongoing (pulling cable)

A summary of construction activities for the Saturn Compressor Station is as follows:

- earthwork activities ongoing including installation of geotextiles and engineered fill materials
- large offsite pipe fabrication works ongoing
- all piles driven at site
- cutting and welding caps on piles in compressor building
- forming and preparing to pour concrete for heated storage and compressor building footings

Table 1 summarizes the status of major construction activities conducted during the Reporting Period.

Table 1: Construction Activity Summary

Station	Activity	% Complete
Groundbirch Compressor Station	Pipe Fabrication	100
	Structural Steel Fabrication	95
	Site Survey Sweep	100
	Site Clearing/Grading	90
	Site Backfilling Rough Grade	100
	Site Piling	95
	Pile Cutting and Capping	95
	Pipe Installation	90
	Compressor Unit Foundation (sub-grade)	100
	Compressor Unit Foundation (concrete)	100
	Compressor Building Envelope	100
	Compressor and Turbine Installation	50
	Compressor Package Final Installation	30
	Compressor Building Concrete	100
	Site Electrical Installation	50
	Prime Contractor Mobilization	100
Saturn Compressor Station	Pipe Fabrication	25
	Structural Steel Fabrication	25
	Site Survey Sweep	100
	Site Clearing/Grading	90
	Site Backfilling Rough Grade	75
	Site Piling	95
	Pile Cutting and Capping	60
	Pipe Installation	0
	Compressor Unit Foundation (sub-grade)	0
	Compressor Unit Foundation (concrete)	0
	Compressor Building Envelope	0
	Compressor and Turbine Installation	0

Table 1: Construction Activity Summary (cont'd)

Station	Activity	% Complete
Saturn Compressor Station (cont'd)	Compressor Package Final Installation	0
	Compressor Building Concrete	0
	Site Electrical Installation	0
	Prime Contractor Mobilization	100

3.0 ENVIRONMENT

No major or critical environmental incidents occurred in the Reporting Period.

4.0 SAFETY AND SECURITY

No major or critical incidents were recorded during this Reporting Period. For a summary of all safety and security reporting, see Tables 2 and 3.

Table 2: Safety Reporting at Groundbirch

Description	Reporting Period/Total
Safe Acts	0/55
Unsafe Acts	0
Safety 24/7	0
Near Hits	0
Minor	4/15
Serious	0/1
Major	0
Critical	0
Note: For incident descriptions, see <i>TC Energy Incident Classification Guide</i> , Safety/Security sections.	

Table 3: Safety Reporting at Saturn

Description	Reporting Period/Total
Safe Acts	0/0
Unsafe Acts	0
Safety 24/7	0
Near Hits	0
Minor	0/5
Serious	1/1
Major	0
Critical	0
Note: For incident descriptions, see <i>TC Energy Incident Classification Guide</i> , Safety/Security sections.	

CONSTRUCTION PROGRESS REPORT NO. 24
Meter Station Construction
Reporting Period – August 1 to August 15, 2019

1.0 REPORT OVERVIEW

The North Montney Project (Project) includes the construction of five new NOVA Gas Transmission Ltd. (NGTL) receipt meter stations. The meter stations and their locations are as follows:

- Altares Receipt Meter Station: A-79-H/094-B-08 and B-079-H/094-B-08
- Gundy Receipt Meter Station: C-081-A/094-B-16 and D-082-A/094-B-16

The following meter stations will commence construction between Q4 2019 and Q4 2020:

- Aitken Creek Interconnect: B-044-L/094-A-13 (will commence construction in Q3 2020)
- Blair Creek Receipt Meter Station: C-090-J/094-B-16 (will commence construction in Q4 2019)
- Kobes Receipt Meter Station: B-054-J/094-B-09 (will commence construction in Q4 2020)

This construction report (Report) complies with Condition 27 from NEB Certificate GC-125. This condition requires NGTL to report on the following:

- information on the activities carried out during the reporting period
- updates on the extent construction activities overlap with environmentally sensitive periods
- updates on the mitigation implemented to reduce adverse impacts during those environmentally sensitive periods
- any environmental, socio-economic, safety and security issues
- any non-compliance issues
- measures undertaken to resolve each issue and noncompliance

This Report discusses the meter station construction activities that occurred from August 1 to 15, 2019 (Reporting Period).

2.0 CONSTRUCTION PROGRESS

NGTL filed an application for Leave to Open for the Altares Receipt Meter Station on August 8, 2019.¹ Table 1 provides a summary of the construction activities completed to date.

Table 1: Meter Station Construction Activity Summary

Station	Activity	% Complete
Altares Receipt Meter Station	Pipe Fabrication	100
	Site Clearing	100
	Site Stripping and Grading	80
	Prime Contractor Mobilization	100
	Pile Driving	100
	Piping Installation	100
	Coating	10
	Electrical Installation	90
	Hydrotesting	100
	Backfilling	5
	Fencing	0
	Clean-up/Gravel	0
	Prime Contractor De-Mobilization	0
Gundy Receipt Meter Station	Pipe Fabrication	100
	Site Clearing	100
	Site Stripping and Grading	100
	Prime Contractor Mobilization	100
	Pile Driving	100
	Piping Installation	100
	Coating	100
	Electrical Installation	100
	Hydrotesting	100
	Backfilling	100
	Fencing	100
	Clean-up/Gravel	100
	Prime Contractor De-Mobilization	100

3.0 ENVIRONMENT

No major or critical environmental incidents occurred in this reporting period.

¹ NEB Filing ID: C00885.

4.0 SAFETY AND SECURITY ISSUES

No major or critical safety or security incidents were recorded during this reporting period. For a summary of safety and security incidents, see Table 2.

Table 2: Safety Incidents

Description	Reporting Period/Total
Safe Acts	3/37
Unsafe Acts	1/10
Safety 24/7	0/1
Near Hits	0/0
Minor	0/4
Serious	0/0
Major	0/0
Critical	0/0
Note: For incident descriptions, see <i>TC Energy Incident Classification Guide</i> , Safety/Security sections.	

5.0 NON-COMPLIANCE

No issues of non-compliance were recorded during this reporting period.

6.0 CHANGES TO FILED CONSTRUCTION SCHEDULES

NGTL filed a construction schedule with the Board on January 29, 2019.² There are no changes to schedule in this Reporting Period.

² NEB Filing ID: A97694-1.