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Filed Electronically

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

**Attention: Ms. L. George, Secretary of the Commission**

Dear Ms. George:

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

In accordance with Certificate Condition 27 and Order Condition 11, NGTL encloses for filing with the Canada Energy Regulator (CER or Commission) Construction Progress Report No. 27 (Report) for the following components of the Project:

- Aitken Creek Section
- Compressor Stations
- Meter Stations

The Report covers the period from September 16 through September 30, 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@tcenergy.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, Canada Energy Regulator

**CONSTRUCTION PROGRESS REPORT NO. 27**  
**Aitken Creek Section**  
**Reporting Period – September 16, 2019 to September 30, 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 Commission 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 September 16 to 30, 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 demobilization at the laydown yards is on-going
- Peace River horizontal directional drilling (HDD) activities are ongoing
- hydrotest and ILI runs are ongoing
- final clean up is ongoing

## 2.2 Spread 2

For the Aitken Creek Section – Spread 2 (KP 52+064.7 to KP 119+426), final clean up is ongoing.

## 2.3 Spread 3

For the Aitken Creek Section – Spread 3 (KP 119+426 to KP 181+601.3), final clean up is ongoing.

Table 1 summarizes the status of major construction activities on during the Reporting Period. Please note that the Cleanup activity below has been separated into Machine Cleanup and Final Cleanup to better illustrate the progress of the clean up activities.

**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
Backfill	98	100	100
Tie-ins	98	100	100
Road/Pipeline Bores	100	100	100
Hydrostatic Testing	96	100	100
Caliper Pigging	96	100	100
Final Tie-ins	69	100	100
Machine Cleanup	90	100	100
Final Cleanup	50	70	1

## 3.0 ENVIRONMENT

### 3.1 Peace Moberly Tract

The HDD crossing of the Peace River is continuing.

### 3.2 Environmental Issues

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 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	0/6
Minor	9/529
Serious	0/47
Major	0/2
Critical	0/1
Note: For incident descriptions, see <i>TC Energy Incident Classification Guide</i> , Safety/Security sections.	

### 5.0 CONSTRUCTION SCHEDULES

The forecast in-service date for the Aitken Creek Section is now December 15, 2019.

**CONSTRUCTION PROGRESS REPORT NO. 27**  
**Compressor Stations**  
**Reporting Period – September 16 to September 30, 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 September 16 to 30, 2019 (Reporting Period).

**2.0 CONSTRUCTION PROGRESS**

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

- completion of dry commissioning activities
- set to work of all auxiliary systems
- testing and loading of APU
- commence wet commissioning once LTO received
- preparing site for transition to operations (installation of maintenance plans, signage, operating and emergency plans and equipment)

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

- continue field installation of large bore piping
- large offsite pipe fabrication works ongoing (coating)
- completed grade beams and pedestals in compressor building
- prepared compressor block for Turbo-Compressor Package
- field installation of heated storage building completed

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	99
	Site Survey Sweep	100
	Site Clearing/Grading	100
	Site Backfilling Rough Grade	100
	Site Piling	100
	Pile Cutting and Capping	100
	Pipe Installation	100
	Compressor Unit Foundation (sub-grade)	100
	Compressor Unit Foundation (concrete)	100
	Compressor Building Envelope	100
	Compressor and Turbine Installation	100
	Compressor Package Final Installation	100
	Compressor Building Concrete	100
	Site Electrical Installation	95
	Prime Contractor Mobilization	100
Saturn Compressor Station	Pipe Fabrication	70
	Structural Steel Fabrication	70
	Site Survey Sweep	100
	Site Clearing/Grading	90
	Site Backfilling Rough Grade	75
	Site Piling	95
	Pile Cutting and Capping	85
	Pipe Installation	15
	Compressor Unit Foundation (sub-grade)	100
	Compressor Unit Foundation (concrete)	75
	Compressor Building Envelope	10
	Compressor and Turbine Installation	10
	Compressor Package Final Installation	0
	Compressor Building Concrete	50
	Site Electrical Installation	5
	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	14/74
Unsafe Acts	0
Safety 24/7	0
Near Hits	0
Minor	0/15
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	10/10
Unsafe Acts	0
Safety 24/7	0
Near Hits	0
Minor	0/6
Serious	0/1
Major	0
Critical	0
Note: For incident descriptions, see <i>TC Energy Incident Classification Guide</i> , Safety/Security sections.	

**CONSTRUCTION PROGRESS REPORT NO. 27**  
**Meter Station Construction**  
**Reporting Period – September 16 to September 30, 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 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 September 16 to 30, 2019 (Reporting Period).

**2.0 CONSTRUCTION PROGRESS**

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	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	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.

### 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	0/41
Unsafe Acts	0/12
Safety 24/7	0/1
Near Hits	0/0
Minor	1/6
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 CER on January 29, 2019.<sup>1</sup> There are no changes to schedule in this Reporting Period.

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<sup>1</sup> NEB Filing ID: A97694-1.