

CONSTRUCTION PROGRESS REPORT No. 2
Grande Prairie Mainline Loop No. 2 – McLeod River Section (McLeod River Section)
Reporting Period – January 26, 2017 to February 8, 2017

1.0 REPORT OVERVIEW

The McLeod River Section consists of approximately 37 km of 1219 mm (NPS 48) outside diameter (OD) pipeline, two tie-in valves and associated facilities. The McLeod River Section is a loop of NOVA Gas Transmission Ltd.'s (NGTL) existing Grande Prairie Mainline from an interconnect at a new valve site at NW-21-055-20 W5M to an existing valve site located at SE-11-053-18 W5M.

This construction progress report (Report) complies with Condition 18 of Certificate GC-126 that 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 McLeod River Section that occurred between January 26, 2017 and February 8, 2017 (Reporting Period).

2.0 CONSTRUCTION PROGRESS

A summary of construction activities that took place on the McLeod River Section during the Reporting Period is as follows:

- Clearing (cutting and processing) has been completed, with burning ongoing
- Progression of grading operations
- Pipe stringing, bending, and setup has commenced
- Mainline and poorboy welding has commenced
- Boring crews commenced at select crossing locations
- Excavation operations commenced at the existing Edson valve site
- Continuation of site and equipment set up for Direct Pipe Installation (DPI) at Highway 16 crossing
- Utility locates and signage on right-of-way has been completed
- Continuation of ramp and snow bridge installation for access
- Continuation of hydrovac crew operations
- Continuation of equipment mobilization

- Table 1 summarizes the status of major construction activities on the McLeod River Section during the Reporting Period.

Table 1: Construction Activity Summary

Activity	% Complete
Utilities and Signage	100
Access Preparation	50
Clearing – Cut and Process	100
Clearing – Burning	80
Grading	27
Stringing	9
Bend and Setup	1
Welding	1
Coating	1
Ditching	0
Lower-in	0
Backfill	0
Tie-ins	0
Hydrostatic Testing	0
Caliper Pigging	0
Final Tie-ins	0
Cleanup	0

3.0 ENVIRONMENT

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

4.0 SAFETY AND SECURITY

Minor Incident (Fire) – January 26, 2017

During clearing activities, a subcontractor excavator was loading brush for disposal into an ignited burning container (burning sleuth), when the excavator operator heard the sound of the engine High Temperature Alarm in the cab of the equipment. The operator immediately moved the excavator away from the burning sleuth and shut the machine off to investigate the alarm. Smoke was noticed coming out of the side compartment of the unit. Upon opening the side compartment door, the smoke cleared

and a small flickering light (flame) below the excavator radiator was observed. The operator proceeded to use the excavator fire extinguisher to successfully extinguish

the flame. Equipment was inspected for any leaks and it was confirmed that no fluids were leaking. Supervisor and inspection personnel were notified. No injuries or environmental impact resulted from this incident. This incident was reported to the Board as INC2017-012.

For a summary of all safety and security incidents, see Table 2.

Table 2: Safety Incidents

Description	Reporting Period/Total
Safe Acts	15/25
Unsafe Acts	0/0
Safety 24/7	1/1
Near Hits	0/0
Minor	13/19
Serious	1/1
Major	0/0
Critical	0/0
Note: For incident descriptions, see <i>TransCanada Incident Classification Guide</i> , Safety/Security sections.	