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1.0 INTRODUCTION

On December 1, 2022, the Canada Energy Regulator (CER or Commission) issued NOVA Gas Transmission Ltd. (NGTL) a Certificate of Public Convenience and Necessity GC-134 (the Certificate), to construct and operate the NGTL West Path Delivery 2023 Project (the Project). Prior to issuing this Certificate, the CER reviewed and assessed the Project's application including the environmental and socio-economic assessment (ESA). Under Condition 11 of the Certificate, the CER required NGTL to submit for approval a Socio-Economic Effects Monitoring Plan (SEEMP) for the Project. On December 20, 2022, NGTL submitted to the CER the SEEMP¹ and the Commission subsequently approved this plan on February 10, 2023.²

The purpose of the SEEMP is to monitor the effectiveness of measures implemented to mitigate potential adverse socio-economic effects of the Project during construction. In accordance with the SEEMP, NGTL has gathered both quantitative data and qualitative feedback during Project construction activities to obtain information on the potential adverse effects of the Project. The SEEMP will be implemented throughout construction of the Project, including clearing, mainline construction, and final clean-up activities.

This first report describes the results of NGTL's socio-economic effects monitoring for the Project's right-of-way (ROW) clearing activities, which were conducted between February 16 and April 1, 2023. The reporting period for this report is from February 16 to June 1, 2023, to encompass feedback received during and shortly after Project clearing activities were completed. This report will be provided to Indigenous groups and potentially affected stakeholders who have expressed an interest in receiving SEEMP reports.

2.0 PROJECT OVERVIEW

The Project is comprised of approximately 39 km of natural gas pipeline loops in three sections, located in southern Alberta (see Figure 1). The Western Alberta System (WAS) Mainline Loop No. 2 consists of:

- **Turner Valley Section** – approximately 22.9 km of nominal pipe size (NPS) 48-inch pipeline. The Turner Valley Section is located in Foothills County, approximately 3 km northwest of Diamond Valley, Alberta, from NE 20-22-03 W5M to SE 15-20-03 W5M.
- **Longview Section** – approximately 9.1 km of NPS 48 pipeline. The Longview Section is located in Foothills County, approximately 30 km southeast of

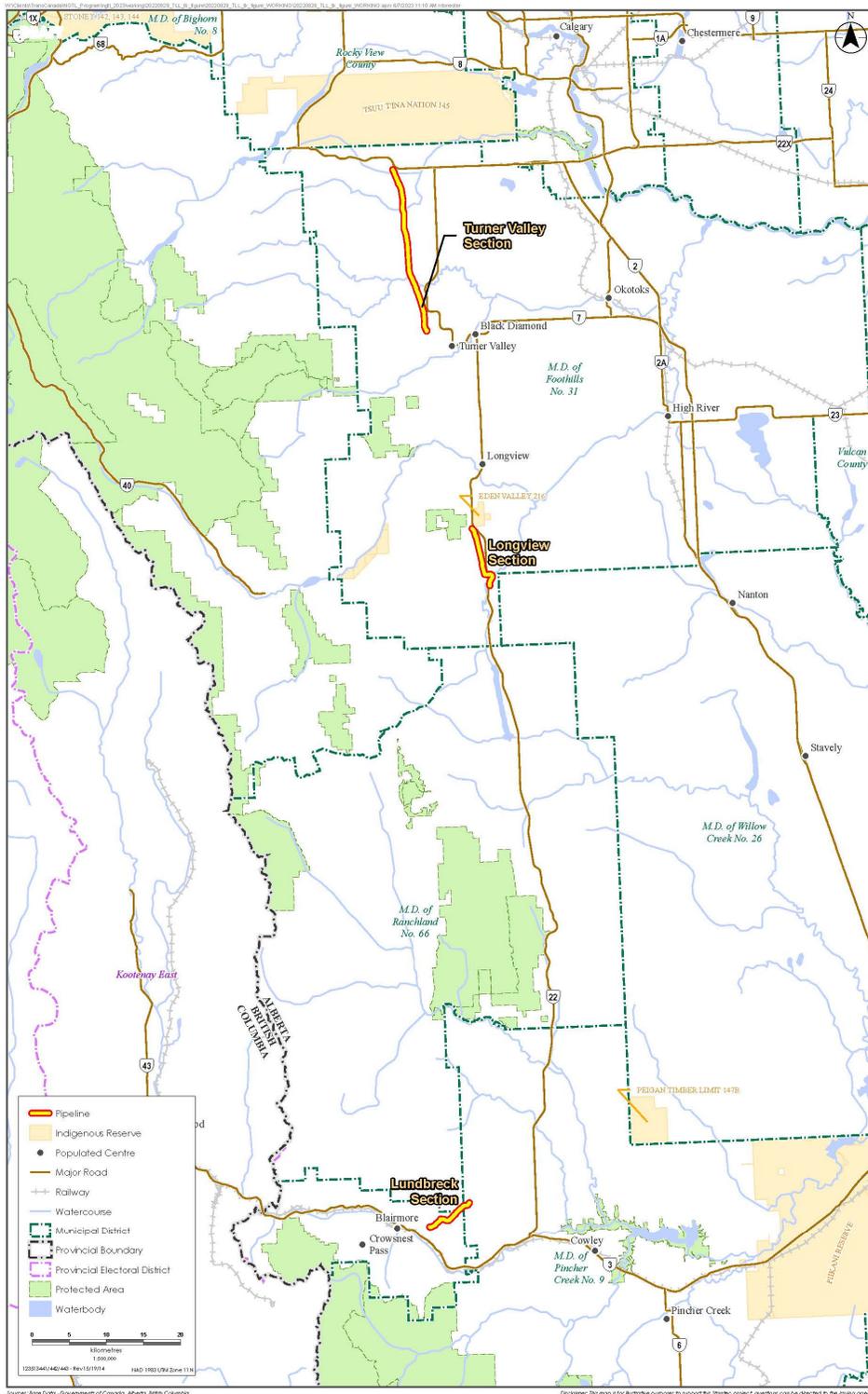
¹ Filing ID: C22643.

² Filing ID: C23243-1.

Diamond Valley, Alberta, from NE 19-17-02 W5M to NW 28-16-02 W5M. The Longview Section also includes a downstream receiver at an existing valve site at NE 22-14-02 W5M, located approximately 55 km southeast of Diamond Valley, Alberta, within the Municipal District of Ranchland No. 66.

- **Lundbreck Section** – approximately 7.1 km of NPS 48 pipeline. The Lundbreck Section is located within the Municipal District of Pincher Creek No. 9 and Municipality of Crowsnest Pass, located approximately 3 km northeast of Blairmore, Alberta, from NE 11-08-03 W5M to NW 32-07-03 W5M.

Figure 1: Project Overview



Project Overview
NGTL West Path Delivery 2023



Figure 1

3.0 PROJECT CONSTRUCTION STATUS

NGTL selected two Prime Contractors to construct the Project: Midwest Pipelines (Midwest) for the Turner Valley and Longview sections, and Surerus Murphy Joint Venture (SMJV) for the Lundbreck Section.

3.1 Turner Valley and Longview Sections

Clearing activities on the Turner Valley and Longview sections commenced on February 16 and were completed on March 31, 2023. Activities during this period included ROW construction footprint boundary flagging, line locating activities, and clearing activities at various locations along the Project footprint, involving bunching, mulching, processing and wood hauling. Prior to demobilizing for spring break-up, the ROW was secured, and erosion and sediment control measures were installed as appropriate.

The construction workforce for clearing of the Turner Valley and Longview sections had an average size of about 49 and 18 workers respectively. During clearing, several individuals and groups requested information regarding collecting possible firewood from the Project. Following clearing, debris was hauled off of the ROW, and timber which could be used for firewood was bucked-up and delivered to local campgrounds, landowners, local communities and Indigenous groups, where requested.

3.2 Lundbreck Section

Clearing activities on the Lundbreck Section commenced on February 23, 2023 and were completed on April 1, 2023. Activities during the reporting period included ROW construction footprint boundary flagging, line locating activities, and clearing activities at various locations along the Project footprint, involving bunching, mulching, processing, and wood hauling. Prior to demobilizing for spring break-up, the ROW was secured, and erosion and sediment control measures were installed as appropriate.

The construction workforce for clearing of the Lundbreck Section had an average size of about 33 workers. Generally, the feedback received to date from local residents and municipalities has primarily been regarding traffic management, particularly around Highway 3, Highway 22, and the North Burmis Road, as well as interest in local contracting opportunities, and use of local accommodations. NGTL has received several expressions of interest from individuals reaching out to offer to have Project workers stay in their homes, and overall, the communities along the Crowsnest Pass area have been receptive to the Project and have indicated that they look forward to increased activity for local businesses. Additional information on the feedback received through the clearing phase of the Project is described in Section 5.0.

4.0 ENGAGEMENT

Throughout Project clearing activities, NGTL has engaged with Indigenous groups, landowners, local municipalities, and other potentially affected stakeholders to gather feedback regarding potential socio-economic issues and concerns as a result of Project construction. In accordance with the methods described in the SEEMP, engagement has been focused on obtaining feedback on socio-economic elements, which include infrastructure and services, human health, and social and cultural well-being. NGTL has employed various engagement and feedback collection methods to obtain feedback, including in-person meetings, phone calls, emails, open houses, Project construction notification letters, information gathered through the Indigenous Construction Participation Program (ICPP) and engagement with interested parties that raise specific issues or concerns related to the Project.

Table 1 summarizes the engagement activities carried out by NGTL, to date, to support the implementation of the SEEMP. Engagement for the Project is ongoing, and issues or concerns raised regarding socio-economic effects of the Project will continue to be monitored, evaluated, addressed, and reported as per the SEEMP.

Table 1: SEEMP Engagement Overview

Engagement Type	Activities
Project Website and Public Affairs Inbox	NGTL responded to inquiries received through the public affairs inbox (public_affairs_ca@tcenergy.com).
TC Energy Toll-Free Phone Lines and Inquiries Emails	NGTL responded to inquiries received through TC Energy Toll-Free Lines and Inquiries Emails.
NGTL Community Relations Advisor Engagement	NGTL's Community Relations representative for the Project has responded to ongoing Project related inquiries received prior to, and during construction.
Project Construction Start Notifications	In February 2023, NGTL sent notification via email to potentially affected Indigenous groups, landowners and stakeholders informing them of the Project clearing schedule and locations.
Open Houses	NGTL hosted three open house events on March 28 th , 29 th , and 30 th , 2023, for the Turner Valley, Lundbreck, and Longview sections, respectively. The purpose of these open houses was to enable the public to receive information about the Project, and to provide a forum for the public to discuss questions and concerns directly with members of the Project team and the Prime Contractor. The open houses were conducted in the evening to maximize attendance. In addition, the timing of the open houses was planned early enough so that the Prime Contractors were able to reach local and Indigenous individuals and businesses seeking employment and contracting opportunities and to allow time for onboarding prior to mainline construction.
Engagement with Local Municipal Government Representatives	During Project clearing, NGTL engaged with local municipal government representatives to discuss the Project. These include the following activities: <ul style="list-style-type: none"> • Ad-hoc phone calls with municipalities of Diamond Valley, Longview and Blairmore to discuss open-house planning. • Phone meetings with the Municipal District (MD) of Pincher Creek to discuss concerns raised regarding potential effects of the Project on local traffic and dust.

Table 1: SEEMP Engagement Overview (cont'd)

Engagement Type	Activities
	<ul style="list-style-type: none"> • NGTL conducted a meet and greet with the mayor of the Municipal District of Crowsnest Pass in February 2023. • Emails and ad-hoc phone meetings continue with municipal economic development and tourism contacts in the Municipal District of Crowsnest Pass in advance of Summer recreational and athletic events which overlap with construction activities. • In May 2023 the Project conducted a public presentation to the Municipal District of Pincher Creek No. 9. The presentation included discussion on the use of community infrastructure, including municipal road use and dust control.
Engagement with Parks Canada	<p>NGTL has maintained ongoing communication with Bar U Ranch National Historic Site (BURNHS) prior to and during Project construction, including meetings with BURNHS to review various environmental, archaeological and construction planning aspects.</p>
Landowner Engagement	<p>Direct engagement with landowners near or adjacent to the Project footprint has been ongoing prior to and during construction.</p>
Indigenous Construction Participation Program	<p>NGTL implemented its ICPP on all sections of the Project during Project clearing.³ The ICPP offers employment and training opportunities for members of interested potentially affected Indigenous groups to participate in monitoring Project construction activities and the implementation of mitigation measures, share knowledge and feedback with NGTL, and report back to their respective communities. During onboarding, the ICPP Participants were, among other things, reminded to monitor and identify any issues or concerns regarding socio-economic effects of the Project.</p>
Engagement with Indigenous groups	<p>On February 10, 2023, NGTL provided notice to Indigenous groups that the CER approved the Condition 11: SEEMP for the Project and followed up with potentially affected Indigenous groups to request feedback on how each group would like to be engaged during SEEMP monitoring (e.g., frequency, method), and on potential socio-economic effects of the Project. Blood Tribe responded on the same day to confirm that they are located far away from the Project and as a result did not expect to experience socio-economic impacts.</p> <p>NGTL has also been conducting additional engagement with interested Indigenous groups, such as providing the Project's CER Condition 25: Construction Progress Reports, where requested and scheduling meetings to discuss the SEEMP.</p> <p><u>Elk Valley Métis Nation (EVMN):</u> NGTL met with EVMN in January 2023 to discuss the SEEMP. In March 2023, EVMN requested that NGTL follow-up with Project updates. In May 2023, NGTL met with EVMN to provide an update on the status of Project construction as well as on the progress of the SEEMP monitoring and reporting.</p> <p><u>Ermineskin Cree Nation (ECN):</u> NGTL and ECN met in May 2023 to discuss the SEEMP.</p>

³ Filing ID: C22631.

5.0 EVALUATION AND MONITORING RESULTS

The Project conducted socio-economic effects monitoring for the SEEMP with the monitoring methods described in Section 6.0 from the SEEMP, including the engagement activities described above in Section 4.0. Most comments and feedback received from engagement were about potential issues or potential adverse socio-economic effects, rather than observed issues or effects from the Project. Feedback was similar to comments received during the GH-002-2020 hearing process. NGTL has identified limited specific comments or feedback on adverse effects arising from the Project during clearing activities (see Table 2).

Table 2 presents the results from monitoring for each of the SEEMP indicators or factors. For the qualitative indicators, the main source of information was external engagement with Indigenous groups and stakeholders. For quantitative indicators, the data was gathered directly from Prime Contractor reports.

Table 2: SEEMP Indicators Monitoring Results

Indicator Monitoring Results	Was the Threshold Exceeded?	Evaluation of Mitigation Effectiveness	Adaptive Management and Resolution
Indicator: Qualitative feedback received regarding Project effects on community infrastructure and services			
No feedback or issues have been reported on adverse Project effects, and no adverse unpredicted effects on the use of community infrastructure and services have been identified during Project clearing activities.	No minimum threshold for this indicator. All feedback received regarding the potential adverse Project effects on the use of community infrastructure and services was reviewed, however, no concerns were brought forward as a result of Project clearing activities.	Measures in place to mitigate potential adverse effects on infrastructure and services have been found to be effective.	There were no issues or unpredicted effects to address or resolve.
Indicator: Qualitative feedback received regarding Project effects on social and cultural well-being			
No feedback or issues have been reported on adverse Project effects, and no adverse unpredicted effects on social and cultural well-being have been identified during Project clearing activities.	No minimum threshold for this indicator. All feedback received regarding the potential adverse Project effects on social and cultural well-being was reviewed, however, no concerns were brought forward as a result of Project clearing activities.	Measures in place to mitigate potential adverse effects on social and cultural well-being have been found to be effective.	There were no issues or unpredicted effects to address or resolve.
Indicator: Qualitative feedback received regarding changes to traffic, safety and road use due to the Project			
Landowner near the Turner Valley Section requested that the Project move some construction vehicles to accommodate day to day activities.	Yes (no minimum threshold) one concern was raised regarding a potential adverse effect of the Project on road use, specifically parking.	The construction management team discussed the parking of vehicles directly with the affected landowner, and moved Project related vehicles at the request of the landowner. No safety issues were raised. The measures in place to mitigate potential adverse effects on traffic, safety, and road use include measures described in the Traffic Management Plan, as well as ongoing engagement with potentially affected stakeholders, including nearby residents. The mitigation in place was found to be effective in resolving the concern raised.	The concern was resolved using existing measures to mitigate adverse effects to traffic, safety and road use. There were no unpredicted effects or outstanding issues to address or resolve.

Indicator Monitoring Results	Was the Threshold Exceeded?	Evaluation of Mitigation Effectiveness	Adaptive Management and Resolution										
Indicator: Qualitative feedback received regarding sensory disturbances (e.g., dust, air quality, and noise pollution) to nearby residents and land users as a result of the Project													
Feedback has been received regarding the potential adverse effects of the Project on sensory disturbances, specifically relating to dust control on the North Burmis Road (Lundbreck Section).	Yes (no minimum threshold), concerns have been raised by local residents regarding the Project's effects of increased dust along the North Burmis Road.	NGTL reviewed the issue as per the evaluation process described in the SEEMP. The concerns raised are regarding both anticipated effects during mainline construction, as well as the potential increase in dust as a result of Project clearing activities. Further evaluation of the efficacy of dust control measures is planned.	NGTL is collaborating with the MD of Pincher Creek to support the evaluation and planning of dust control measures along the North Burmis Road. Engagement with both the MD and local residents is ongoing.										
Feedback has been received on the potential adverse effects from the burning of timber material generated from Project clearing activities.	Yes (no minimum threshold), concerns have been raised by landowners on the Project's effects of timber material burning.	The NGTL land and construction management teams reviewed the issues raised by landowners on timber material burning. In addition, the Project assessed the municipal requirements for timber material burning. The Project followed the mitigation with respect to vegetation disposal, including reaching agreements with landowners and obtaining applicable permits for timber material burning. The Project will haul out rather than burn the timber. Where feasible, timber will be provided to interested parties, including landowners and Indigenous groups, where requested.	The mitigation in place was found to be effective in resolving landowner concerns. There were no unpredicted effects or outstanding issues to address or resolve.										
Indicator: Size of workforce and communities where workforce is accommodated, per Project component													
<table border="1"> <thead> <tr> <th colspan="2" data-bbox="199 1193 693 1226">Construction Workforce Size</th> </tr> <tr> <th data-bbox="199 1226 359 1258">Section</th> <th data-bbox="359 1226 693 1258">Average and Peak (Max. Size)</th> </tr> </thead> <tbody> <tr> <td data-bbox="199 1258 359 1328">Longview</td> <td data-bbox="359 1258 693 1328">18 workers – Average 19 workers – Peak</td> </tr> <tr> <td data-bbox="199 1328 359 1393">Turner Valley</td> <td data-bbox="359 1328 693 1393">49 workers – Average 57 workers – Peak</td> </tr> <tr> <td data-bbox="199 1393 359 1427">Lundbreck</td> <td data-bbox="359 1393 693 1427">33 workers – Average</td> </tr> </tbody> </table>	Construction Workforce Size		Section	Average and Peak (Max. Size)	Longview	18 workers – Average 19 workers – Peak	Turner Valley	49 workers – Average 57 workers – Peak	Lundbreck	33 workers – Average	The number of workers staying in nearby communities did not exceed the existing commercial accommodations capacity for each community. The size of the construction workforce for each Project section is consistent with the	Measures in place to mitigate potential adverse effects on use of local accommodations have been found to be effective.	There were no issues or unpredicted effects to address or resolve.
Construction Workforce Size													
Section	Average and Peak (Max. Size)												
Longview	18 workers – Average 19 workers – Peak												
Turner Valley	49 workers – Average 57 workers – Peak												
Lundbreck	33 workers – Average												

Indicator Monitoring Results		Was the Threshold Exceeded?	Evaluation of Mitigation Effectiveness	Adaptive Management and Resolution
39 workers – Peak		workforce size considered in the SEEMP and assessed in the ESA.		
Workforce Accommodation – Communities				
Section	Location			
Longview and Turner Valley	44% workers – Okotoks 23% workers – Calgary 18% workers – Black Diamond 15% workers – Other communities			
Lundbreck	55% workers – Pincher Creek 33% workers – Blairmore 10% workers – Crowsnest Pass 2% workers – Other communities			
Workforce Accommodations – Types				
Section	Type			
Longview and Turner Valley	53% workers – Hotel/Motel 32% workers – Rental Units 12% workers – Own Home 3% workers – Other accommodations			
Lundbreck	70% workers – Hotel/Motel 25% workers – Rental Units 5% workers – Campground			
Indicator: Percentage of workers that completed the Environmental Orientation, Safety, Harassment Free Workplace and Cultural Awareness Orientations				
100% of workers completed the orientations for each Project section.		All workers completed NGTL orientations, and the threshold was not exceeded.	Measures in place to mitigate potential adverse effects of the construction workforce and its activities on human health and social and cultural well-being have been implemented.	There were no issues or unpredicted effects to address or resolve.

Indicator Monitoring Results			Was the Threshold Exceeded?	Evaluation of Mitigation Effectiveness	Adaptive Management and Resolution
Indicator: Project vehicle incident frequency⁴					
Vehicle Incident Frequency (VIF)			No vehicle incidents occurred in any of the Project sections. Thus, the vehicle incident rate for each section was equal to zero and the threshold, which was a VIF target of 0.5 for the Project, was not exceeded.	Measures in place to mitigate potential adverse effects on traffic safety have been found to be effective.	There were no issues or unpredicted effects to address or resolve.
Section	VIF Target	VIF Observed			
Longview	0.5	0.00			
Turner Valley	0.5	0.00			
Lundbreck	0.5	0.00			
Indicator: Number of CER reportable incidents⁵ requiring local emergency services (e.g., fire, police, ambulance)					
There were no CER reportable incidents requiring local emergency services during Project clearing activities.			No threshold exceedances as there were no CER reportable incidents requiring local emergency services.	Measures in place to mitigate potential adverse effects on use of local emergency services have been found to be effective.	There were no issues or unpredicted effects to address or resolve.
Indicator: Number of workforce occupational injuries and illnesses referred for treatment at local hospitals or other medical facilities					
No workforce occupational injuries or illnesses were referred for treatment at local hospitals or other medical facilities during Project clearing activities.			No threshold exceedances as no workforce occupational injuries or illnesses were referred for treatment at local hospitals or other medical facilities.	Measures in place to mitigate potential adverse effects on use of local health facilities have been found to be effective.	There were no issues or unpredicted effects to address or resolve.
Indicator: Environmental incidents which have the potential to affect human health⁶					
No environmental incidents which have the potential to affect human health occurred during Project clearing activities.			No threshold exceedances as no environmental incidents which have the potential to affect human health occurred.	Measures in place to mitigate potential adverse effects on human health have been found to be effective.	There were no issues or unpredicted effects to address or resolve.

⁴ Defined as number of recordable vehicle incidents normalized to a common exposure base of 1,000,000 km driven. A recordable vehicle incident is any incident (regardless of fault) involving a fleet, rental motor vehicle, or a personal vehicle being used for NGTL business which results in an injury to any person or damage to any vehicle or property, unless the vehicle was safely and properly parked at the time of the incident.

⁵ As defined by Section 5.0 of the CER Onshore Pipeline Regulations (OPR) available at: https://www.cer-rec.gc.ca/en/about/acts-regulations/cer-act-regulationsguidance-notes-related-documents/canada-energy-regulator-event-reporting-guidelines/index.html#s5_0.

⁶ As defined, for example, by Section 5.0 of the CER OPR, and internal and external feedback regarding social and cultural well-being, the environment and health.

5.1 Community Infrastructure and Services

5.1.1 Traffic, Safety and Road Use

In accordance with NGTL's engagement strategy, and in order to identify and mitigate adverse effects on local traffic and road use, NGTL has been communicating directly with residents affected by traffic associated with Project construction. NGTL is cognizant of being good neighbors and has moved Project related vehicles at the request of landowners in order to help accommodate day to day activities. To date, no safety issues have been raised by nearby residents.

Within the MD of Pincher Creek, comments from residents were raised to the MD regarding construction potentially impeding access for landowners, construction access signage durability during wind events, as well as concerns regarding dust control on the North Burmis Road. NGTL understands that the MD is currently engaging with homeowners on municipal application of dust control agents in accordance with annual road maintenance in front of their homes and is putting together a plan to execute later in Summer 2023. In the interim, NGTL has been operating water trucks along North Burmis Road and adjacent access points on dry days with the permission of the MD commencing June 5, 2023. NGTL has also been working with SMJV to initiate signage checks after wind events in the MD to ensure route markers remain in their designated locations. NGTL will continue to share with the MD the information necessary to support the evaluation of traffic and dust control mitigation measures.

5.1.2 Local Accommodations Use

In January 2023, during a meeting between NGTL and EVMN to discuss the SEEMP, EVMN expressed concerns regarding workforce accommodations for the Lundbreck Section and previous experiences with workers potentially staying at inappropriate locations or accommodations. NGTL confirmed that they would be monitoring workforce accommodations use through the methodologies described in the SEEMP.

In accordance with the SEEMP, workforce numbers and local accommodations use by Project workers during Project clearing were tracked, and data was collected on the communities that workers were living in and the type of accommodations that were being used. For the Turner Valley and Longview sections, most workers stayed in the communities of Okotoks, Calgary and Black Diamond. Approximately 53% of workers stayed in hotels/motels, 32% in rental units, 12% continued living in their own homes, and the remainder of workers stayed at a mix of commercial accommodations. For the Lundbreck Section, most workers stayed in the communities of Pincher Creek, Blairmore and Crowsnest Pass. Approximately 70% stayed in hotels/motels, 25% in rentals, and 5% in campgrounds.

No concerns were raised during the reporting period regarding observed adverse effects of Project construction on the use of local accommodations.

5.1.3 Local Health Care and Emergency Response Services Use

In a meeting with EVMN in May 2023, EVMN expressed concerns regarding potential adverse effects on local healthcare services and recommended direct outreach to local authorities to gain information on potential issues as a result of the Project. NGTL confirmed that local authorities, including first responders will continue to be engaged on the Project. Engagement is and will be focused on understanding the information requirements and interest from local authorities and will be guided by the capacity of these parties and their preferred methods of communication.

No concerns were raised during the reporting period regarding observed adverse effects of Project construction on the use of local health care or emergency response services. To date, no recordable vehicle incidents have occurred on the Project. In addition, no reportable incidents requiring local emergency services (e.g., fire, police, ambulance), and no workforce occupational injuries or illnesses referred for treatment at local hospitals or other medical facilities have been recorded.

5.2 Social and Cultural Well-being

During Project clearing, feedback related to the potential effects of the Project on social and cultural well-being were received primarily through engagement with Indigenous groups as well as through the ICPP. In February 2023, NGTL met with ICPP Participants to review the objectives and methodology of the SEEMP and discuss the role of the ICPP in monitoring and providing feedback on potential socio-economic effects during construction. The ICPP Participants expressed interest in the opportunities to monitor Project construction activities, interact with various subject matter experts (e.g., biologists and environmental inspectors), as well as share their cultural knowledge, ways of life and traditions. Participants harvested culturally important plants from the ROW prior to clearing activities, and offered some of these plants to Elders of their community. The ICPP participants also reported making offerings and prayers along the ROW.

At Stoney Nakoda Nations' (SNN) request, to protect SNN's Section 35 rights and cultural interests in the Project area prior to the start of construction, a ceremony was conducted in February 2023 at Bar U Ranch. Piikani Nation also conducted a ROW blessing ceremony in May 2023, at the request of their ICPP Participant.

In March 2023, the ICPP crew on the Lundbreck Section identified a potential site of cultural significance on the ROW. NGTL confirmed that an initial desktop analysis had been completed prior to construction for this site, and no sites of cultural or historical significance were identified in relation to the location in question by Indigenous groups or through the historical resources impact assessment conducted on the Project. NGTL also confirmed that no ground disturbance had been conducted

or was planned for this area prior to the re-mobilization of the ICPP for mainline construction. In June 2023, NGTL conducted a joint site visit with ICPP to assess the location and potential site. Based on the findings from the site visit, there were no outstanding concerns with construction continuing in the area.

In a meeting with ECN in May 2023 to discuss the SEEMP, ECN expressed concerns regarding the potential adverse effects of the Project on the well-being of Indigenous women and children from the influx of workers into the local communities. ECN also raised concerns regarding potential impacts of the Project on Crown land due to impacts on freehold land, and discussed concerns previously encountered with regards to the monitoring of archaeological and cultural sites. NGTL reviewed the SEEMP monitoring process with ECN, and described the mitigation measures in place for potential gender-based effects, including implementing training regarding harassment and discrimination, as well as orientations on cultural awareness. NGTL also reviewed how potential archaeological and cultural sites are monitored for during construction, and emphasized the importance of the role of ICPP crews in monitoring of cultural sites and supporting the Project with identifying potential environmental issues.

No concerns were raised during the reporting period regarding observed adverse effects of Project construction on social and cultural well-being.

5.3 Human Health

No environmental incidents occurred during Project clearing which had the potential to affect human health. Following the mitigation measures included in the Project's Environmental Protection Plan on vegetation disposal, the Project has directly contacted landowners and the County and MDs to obtain agreements and permits for the burning of timber material generated from Project clearing activities. However, given the concerns raised from landowners on the potential adverse effects from timber material burning on air quality as well as fire safety concerns, the Project will haul out rather than burn the timber. Where feasible, the timber will be provided to interested parties, including landowners and Indigenous groups, as requested.

Concerns have been raised from a local resident regarding potential adverse health effects as a result of dust from local roads. As discussed in Section 5.1.1 above, NGTL will continue to implement dust control measures, as appropriate, and engage with local residents on Project related issues or concerns as well as with the MD of Pincher Creek regarding dust control measures along local roads used by the Project.

Concerns regarding noise that may be generated by Project construction have also been raised by landowners, however no specific issues with noise have been brought forward as a result of Project construction to date. NGTL will continue to employ

noise mitigation as appropriate in accordance with the Project's Environmental Protection Plan and will review and address noise related issues as they arise.

6.0 CONCLUSIONS

The results from the monitoring conducted identified three issues (i.e., parking locations of construction vehicles, dust control, and potential impacts from timber material burning) for which an evaluation of the effectiveness of mitigation was necessary. NGTL addressed the concerns raised using the monitoring and evaluation process as described in the SEEMP and resolved the concerns through the Project's existing mitigation measures. NGTL will continue to engage with local residents on Project related issues or concerns as well as with the MD of Pincher Creek regarding dust control measures along local roads used by the Project.

Based on the feedback received to date and the results of the indicator monitoring data, the measures implemented to mitigate potential adverse effects from the Project on infrastructure and services, social and cultural well-being, and human health have, overall, been effective. Consistent with the findings of the ESA, clearing activities were not observed to affect diverse groups of people disproportionately and no unanticipated disproportionate effects were reported through engagement to date.

As the scope of the Project clearing was of a shorter timeframe and smaller workforce than planned for mainline construction, NGTL will review the feedback received and continue to monitor potential issues, with an emphasis on those related to the concerns raised to date.