

LNG Canada

2020 Q3 Social Management Roundtable / CLISMP Update



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Table of Contents

1. EXECUTIVE SUMMARY	1
1.1. Summary of Project Effects	1
1.2. Summary of SMR Working Group Sessions	3
2. INTRODUCTION	3
3. PROJECT UPDATE	3
3.1. Construction Update and Look Ahead	3
3.2. Project Workforce	7
3.3. COVID-19 update	7
4. ENGAGEMENT	8
5. PROJECT BENEFITS	9
6. SOCIAL MANAGEMENT PLANS	11
6.1. Community Health	11
6.2. Traffic	12
6.3. Emergency Response	13
6.4. Housing and Accommodations	14
7. SMR SUMMARY AND ACTIONS	16
7.1. Next SMR Meeting	24
8. REFERENCES	25

LIST OF TABLES

Table 1	Summary of Direct Project Effects July–September 2020 (2020 Q3)	2
Table 2	Project Community Engagement during 2020 Q3	9
Table 3	Status Update on SMR Working Group Action Items	17
Table 4	Follow Up Items for BC Government	23

LIST OF FIGURES

Figure 1	Project Timeline	4
Figure 2	Tank Pad and Piling (September 2020)	4
Figure 3	Materials Offloading Facility (September 2020)	5
Figure 4	Anderson Creek and Bridge (September 2020)	5
Figure 5	Cedar Valley Lodge (September 2020)	6

LIST OF APPENDICES

Appendix A	2020 Q3 SMR Participants	26
Appendix B	Project Reporting 2020 Q3	28



1. Executive Summary

LNG Canada is committed to managing socio-economic effects associated with the construction and operation of its liquefied natural gas (LNG) facility and marine terminal (the Project). LNG Canada began implementation of its Community Level Infrastructure & Services Management Plan (CLISMP) on April 1, 2019, together with its prime contractor JGC Fluor BC LNG JV (JFJV). The CLISMP entails social management plans that outline actions to mitigate the Project's adverse direct effects on community level infrastructure and services, community engagement mechanisms, socio-economic monitoring and reporting over the duration of construction and two years into operations. CLISMP scope focuses on communities near the LNG Plant footprint, namely: District of Kitimat, City of Terrace, Regional District of Kitimat Stikine, Haisla First Nation, Kitselas First Nation and Kitsumkalum First Nation. When considering potential impacts to community health, the CLISMP scope is broadened to also consider nearby Indigenous Groups: Gitxaala Nation, Gitga'at First Nation, Lax Kw'alaams Band and Metlakatla First Nation. The following report summarized Project activities and feedback from community stakeholders for the period July–September 2020 (2020 Q3) as these pertain to CLISMP implementation.

1.1. Summary of Project Effects

Overall, the Project had limited direct impact on community level infrastructure and services in this period; however, indirect and induced effects in conjunction with effects of the COVID-19 pandemic continued to be felt in surrounding communities. In 2020 Q3, the Project provided accommodation for a peak of 1,960 non-local workers (September 2020) and employed a peak of 811 workers from local communities (August 2020). Throughout 2020 Q3, in response to the escalating COVID-19 pandemic, the Project continued implementation of travel, accommodation and site COVID-19 protocols to protect the health, safety and well-being of nearby First Nations, communities and workers.

Table 1 summarizes the direct Project effects on community infrastructure and services measured in 2020 Q3 and evaluates the effectiveness of mitigations.



Table 1 Summary of Direct Project Effects July–September 2020 (2020 Q3)

Social Impact Category	Project Effect	Effectiveness of Mitigations
Housing & Accommodations	1,960 non-local Project workers (peak in September) were housed in open lodge accommodations in Kitimat (Sitka Lodge, Sitka A2, Crossroads Lodge) as well as on-site at Cedar Valley Lodge. NOTE: The Project stopped housing workers at Sitka Lodge and Annex 2 facilities in October 2020.	By prioritizing hiring from the local area, providing housing for non-local workers in open lodges and local area hotels, and not paying living-out allowances to the workforce, the Project has limited demand on market housing.
Community Health	There were 13 occupational injuries and illnesses and 32 non-occupational injuries and illnesses requiring treatment in local hospitals. 107 notifications to health authorities for occurrence of communicable illness/disease took place, primarily related to COVID-19 daily briefings.	By providing a full range of medical services at the Project site and lodges, continued communication and coordination with Kitimat General Hospital, the Project has limited direct demand on local medical services. The Project kept in regular contact with health authorities regarding COVID-19 to ensure the health and safety of workers and the community.
Air Traffic	During 2020 Q3, there was a large increase in Project-related air traffic through YXT compared to the previous quarter, on both commercial and charter flights. This volume was well within available capacity at YXT which was still operating at reduced pre-COVID-19 flight traffic volumes for the reporting period.	By using chartered flights for a portion of the workforce, Project direct effects on YXT airport were limited.
Road Traffic	Volume of Project-related road traffic (personnel shuttles) continued to increase in 2020 Q3, coinciding with increased workforce size.	By transporting workers to and from the airport, open lodges and Project site on company-provided shuttles, establishing Park & Ride lots, and enforcing shuttle transit for local workers, the Project has limited the use of personal vehicles on local roads.
Emergency Response Services	<p>During 2020 Q3 there was a minor increase in Project-related emergency response demand at the work site or area lodges, coinciding with increased worker population:</p> <ul style="list-style-type: none"> • 6 ambulance service calls • 1 fire department service call • 7 RCMP calls • 0 medical evacuations <p>Nine meetings were held during 2020 Q3 to coordinate emergency response.</p>	By implementing the Worker Code of Conduct and cultural awareness training, Emergency Response Plans, the Safer Together Program, and providing on-site security at Sitka, Annex 2 and Crossroads lodges, the Project has limited direct demand for local emergency services.



1.2. Summary of SMR Working Group Sessions

On December 8th, LNG Canada and its prime contractor JGC Fluor BC LNG Joint Venture (JFJV) convened its 2020 Q3 virtual Social Management Roundtable (SMR) which pulled together three working groups to review Project data and feedback from service providers to better understand the experiences of community. Working groups entailed:

1. Housing & Accommodations
2. Community Health
3. Traffic & Emergency Response

Participants representing a total of 28 communities, First Nations, government agencies, and stakeholder groups joined the LNG Canada Project team virtually to ask questions and to provide feedback and insights (70 total participants). The session included a Project construction and workforce update, including how the Project is responding to COVID-19, and a review of Project metrics and some community trends observed for 2020 Q3 for each working group. Actions captured from the meeting and a status update on actions captured from previous meetings can be found in Table 3.

2. Introduction

This interim quarterly update provides an overview of Project activities during 2020 Q3 (July 1–September 30), and summarizes Project-specific metrics and community feedback to help the Project assess effectiveness of its social management plans. This report also serves as a record of information and discussion from Social Management Roundtable (SMR) working group meetings that took place virtually on December 8, 2020.

3. Project Update

3.1. Construction Update and Look Ahead

The LNG Canada Project (Phase 1) is anticipated to take approximately five years to complete. The initial two to three years of Project construction will focus on site preparation, construction of the Cedar Valley Lodge (worker accommodation), LNG tank and the marine terminal. Major construction is slated to commence in 2022, involving assembly of the LNG plant and associated components. The following construction timeline and update were provided to SMR participants at the December 8 meeting (Figure 1).

Joint venture companies

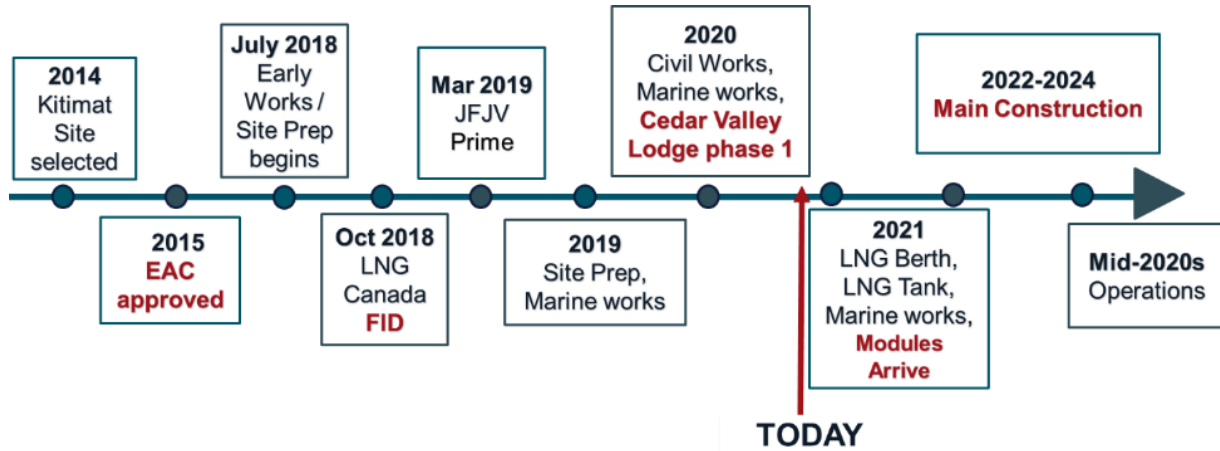


Figure 1 Project Timeline

During 2020 Q3, Concrete Foundations/Pile Caps and Non-Process Buildings were the new work scopes started at the Kitimat site. In addition, the third marine dredging season began October 1, 2020. Aggregate hauling, site preparation and piling activities were ongoing, while progress continued to be made on numerous key work scopes including: Terminal A Extension (Rio Tinto), Marine Offsets / new fish habitat, LNG Berth, Material Offloading Facility, Module Haul Road and Bridges, LNG Tank, River Water Intake and Cedar Valley Lodge. Figure 2 to



Figure 5 illustrate some of the Project construction activities that took place in 2020 Q3.

Joint venture companies



Figure 2 Tank Pad and Piling (September 2020)

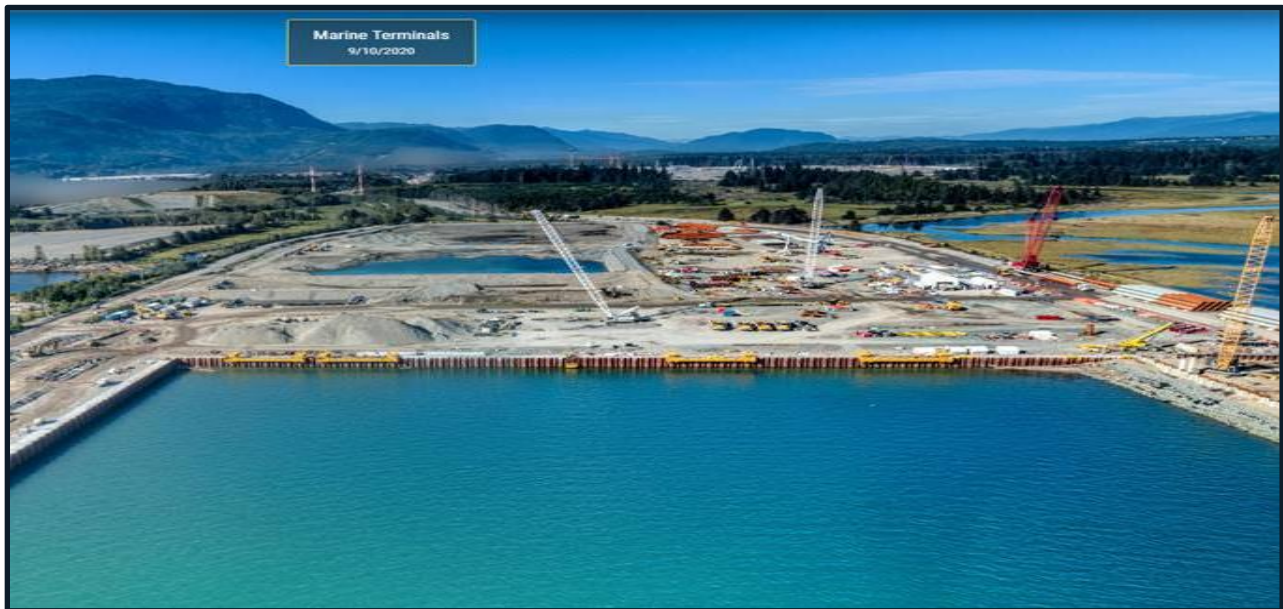


Figure 3 Materials Offloading Facility (September 2020)

Joint venture companies



Figure 4 Anderson Creek and Bridge (September 2020)



Figure 5 Cedar Valley Lodge (September 2020)



MAJOR CONSTRUCTION MILESTONE: On July 22, LNG Canada’s on-site worker accommodation centre, Cedar Valley Lodge, opened its doors to its first few hundred residents, with heightened emphasis on COVID-19 protocols and procedures. The facility reached its initial target capacity of 1,500 beds in August 2020, increasing to 2,600 beds by October 2020. Cedar Valley Lodge will continue to increase capacity through 2021 Q2 when 4,500 beds will be available for the workforce and recreational facilities are complete. Cedar Valley Lodge is designed to be self-sufficient and will offer a complete array of amenities and services in one location—including on-site healthcare, high quality dining, recreation facilities, retail area, games room, lounge, and movie theatre—thus reducing potential strain on Kitimat’s resources as well as worker interactions with the community.

Most key construction work scopes will continue through the end of 2020 and into 2021 as the Project progresses efforts to get out of the ground and be ready to receive modules from overseas. The following activities are expected to be completed in 2021:

- Site preparation (to be completed by 2020 Q4)
- Cedar Valley Lodge 4,500 beds + core facilities
- Materials Offloading Facility
- Module Haul Road and Bridges
- Modules will begin to arrive end 2021 and into 2022

December 23, 2020 to January 3, 2021 marks the annual shutdown, with a limited set of activities continuing during this period, including marine scopes progressing through environmentally sensitive windows, safety, security, environment and site-wide services (snow clearing, waste management). A gradual restart is anticipated over the month of January 2021 pending COVID-19 Public Health Orders.

3.2. Project Workforce

The Project employed a peak of 3,765 people during 2020 Q3. This total workforce is higher than the total number of workers at the job site each day, as it includes local and non-local workers on rotation in Kitimat, along with workers currently off rotation and newly hired workers mobilizing to site.

Direct effects of the Project workforce on community infrastructure and services focus largely on the number of non-local workers lodged in the area, because these persons represent a temporary increase in population within the area, which can place demands on infrastructure and services. During Q3, the peak population of non-local Project personnel working on rotational schedules was 1,960 (reached in September), all of whom were housed by the Project in open lodge accommodations or on-site at Cedar Valley Lodge. The Project has limited the number of relocated workers and families provided with housing in Kitimat, with 43 relocated Project staff accompanied by 28 school-aged children as of September 2020. During August 2020, a peak of 811 workers from local communities were employed by the Project, commuting daily from their local area residences.





Due to COVID-19 limitations, the original planned ramp up of the workforce in the first half of 2020 did not take place and a reduced number of workers were present at site for much of 2020 Q2. During 2020 Q3, a substantive yet cautious workforce increase occurred with the opening of Cedar Valley Lodge and well-established COVID-19 screening, hygiene, and physical distancing protocols in place, adhering to BC CDC Industrial Camp Guidance and WorkSafe BC workplace requirements. With further completion of Cedar Valley Lodge facilities, workforce numbers continued to increase through October and November, followed by a seasonal ramp down that will see reduced activities at site from December 23 to January 3, with approximately 450 workers present during the seasonal break. A gradual return to work is anticipated over January and February 2021, in line with Provincial Health guidance for managing the COVID-19 pandemic.

Recognizing the uncertainty of the evolving COVID-19 pandemic, 2021 should see an optimal increase in hiring and workforce numbers from Q2 2021 through to year end, in anticipation of main construction activities from 2022 through to 2024. During peak construction, 7,500 employed workers are anticipated, with 4,500 workers housed on site at Cedar Valley Lodge or otherwise commuting daily from their local residence, with the balance of workers off rotation in their home communities.

3.3. COVID-19 update

On November 19, 2020, [Northern Health declared a COVID-19 outbreak](#) at the LNG Canada Project site in Kitimat with contact tracing and screening efforts carried out. During the SMR meeting it was clarified that the outbreak occurred in the management area, not in the general worksite and not in any of the lodges. There were no reported public exposures resulting from the event in Kitimat or the surrounding area. The Project worked closely with Northern Health to reduce transmission and to ensure that everyone who tested positive was supported through their recovery.

The safety and well-being of the workforce and those in surrounding communities remain a priority. The Project works with public health authorities to stay current on required protocols for identification, testing, and quarantine of suspected cases, requiring collaboration with contractors, medical staff and lodging operators across the project. Efforts include:

- A robust COVID-19 Safety Plan with procedures for dealing with positive cases at site
- Continuous enhancement of COVID-19 protocols on site and at workforce accommodations
- Adherence to Orders from Provincial Health Officer Dr. Bonnie Henry
- Ensuring adherence to Industrial Camp Guidance (BC Centre for Disease Control)
- Formal communications to the workforce on actions to mitigate the risks of COVID-19 and prevent stigma
- Adherence to safe construction worksite requirements (WorkSafeBC)
- On-site medical facilities staffed by more than a dozen healthcare professionals and emergency response team members that are available to workers 24-7, including isolation wings at workforce accommodation centres
- Participation in District of Kitimat COVID-19 Emergency Operations Centre working group
- Participation in Kitimat Economic Recovery Task Force
- \$500K contribution to Northern Health, community organizations and First Nations communities

Joint venture companies



To support the workforce ramp down for the seasonal break, the Project has rolled out a site-wide “Finish Strong” campaign with COVID-19 safety guidance for the holidays. As the workforce ramps back up in 2021, a “Fresh Start” campaign will be delivered. The Project continues to work closely with Provincial health authorities and will comply with updates to Industrial Camp Guidance as these are issued from the BC Centre for Disease Control.

4. Engagement

LNG Canada has a robust stakeholder and Indigenous engagement program designed to provide updated Project information and to discuss the implementation of the CLISMP during Project construction. LNG Canada will review its engagement mechanisms on an ongoing basis and will revise if needed. Table 2 below outlines a range of engagement activities carried out by LNG Canada and its prime contractor, JFJV, during 2020 Q3. These activities are complemented by routine and frequent engagement with Indigenous groups, community organizations, and local governments, including key authorities and planning focal points. Considering physical distancing and other constraints imposed by the COVID-19 pandemic, the Project has reduced face-to-face engagement activities (e.g. Community Open Houses). The vast majority of engagements were conducted virtually during the reporting period.



Table 2 Project Community Engagement during 2020 Q3

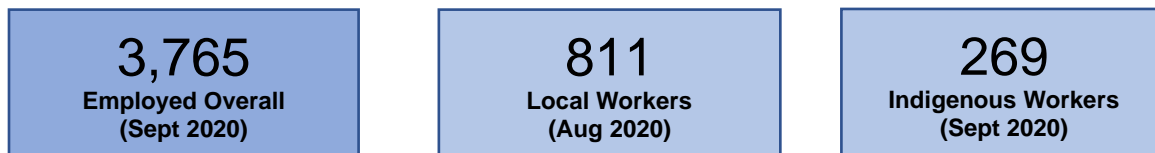
Engagement Type	Activities During 2020 Q3
Community Feedback Process	In 2020 Q3, there were 935 inquiries including 22 concerns or complaints. Of those, 12 were related to infrastructure and service impacts: 8 traffic and 4 related to COVID-19.
Project Website and Facebook page	www.jfjvkitimat.com for online construction updates, employment and contract opportunities. Follow JFJV Kitimat on Facebook (3,257 followers)
Project Resource Centre	Walk-in Project information centre located in Kitimat mall open Mon–Fri. Due to COVID-19 restrictions, the PRC was closed to the public from March 16–July 1, 2020. The centre re-opened to the public in July 2020.
Social Management Roundtable	Q2 SMR meeting was held virtually September 15–16, 2020 (four working groups, with participants representing 32 communities, First Nations, government agencies and stakeholder groups).
SMR Participant Survey	Survey sent to participants after September 15–16 meetings for feedback on presentations provided by SMR participants.

5. Project Benefits

LNG Canada works with local municipalities, First Nations, local organizations, the local business community and area residents to ensure both direct and indirect benefits are realized by communities in proximity to the LNG plant site.

EMPLOYMENT

LNG Canada, JFJV, subcontractors and sub-subcontractors are all required to follow a local hire first policy that evaluates qualified applicants and prioritizes hiring of Haisla members or their spouses, and local residents from the Kitimat-Terrace area including Kitselas and Kitsumkalum members. Next hiring priority is given to BC residents, including Gitga'at, Gitxaala, Metlakatla and Lax Kw'alaams members, and then Canadians more broadly. In addition, the Project places an emphasis on the hiring of women.



The Project employed 3,765 workers at the end of 2020 Q3. This number comprises local workers and non-local workers on the ground in Kitimat, workers off rotation as well as newly hired workers mobilizing to site. Peak employment during 2020 Q3 saw 811 workers from the local area, 491 women workers, and 269 Indigenous workers (categories are independent, and the same individual could be represented in all three categories).



CONTRACTING & PROCUREMENT

The Project places a priority on contracting and procurement with Haisla and other Indigenous-owned businesses as well as with local area businesses. As of 2020 Q3, the Project has awarded contracts and procurement in excess of \$2.9 billion CAD to businesses in British Columbia. Of this amount, over \$2.4 billion CAD has been awarded to Local Area and Indigenous businesses.

\$2.9 Billion

BC Contracts

\$2.4 Billion

Local & Indigenous Contracts

Two examples of BC companies working with the LNG Canada Project were shared with SMR participants and similar examples will continue to be shared at future meetings:

- Silvertip Promotions & Signs, Terrace, BC (Signage and Printing Services)
- Ledcor Haisla Limited Partnership, Kitimat, BC (Early Civil Works, Marine Habitat Offsets, Demolition)

COMMUNITY CONTRIBUTIONS

LNG Canada has supported programs benefitting local communities since 2012, working with local organizations, non-profit groups and many others on initiatives in several areas, including education, environment, enterprise and workforce development, and community wellness. A key objective of these initiatives is to partner on sustainable programs that strengthen community resilience and enhance Project mitigation efforts.

Since 2019, JFJV has contributed community funding to support a range of philanthropic initiatives including: Festivals Kitimat, Kitimat Food Bank, Kitimat Fish Derby, as well as both Kitimat and Terrace Community Foundations. More information about the JFJV community funding process can be found at: www.jfvkitimat.com/community-investment.

WORKFORCE DEVELOPMENT

The LNG Canada Project has since 2012 invested in workforce development programs to build skilled trades in BC, with efforts to increase numbers of apprentices as well as women, local residents and Indigenous people working in the construction industry. Due to COVID-19 restrictions, several programs were paused in 2020. Efforts are underway to restart several initiatives later in 2021, including:

- Trades Training Fund (apprentice training)
- Your Place (women in trades)
- Arx 'n Sparx (Indigenous youth welding camps)
- JFJV Boot Camp



The LNG Canada Connect program together with the Gear Up Fund has been renewed until 2022, in partnership with the BC Construction Association. The program operates from Terrace, BC and is designed to help connect Northwest BC residents with job placements in the construction sector, while providing additional supports to help remove barriers (e.g., PPE, transportation). To date, the program has placed 349 people into construction jobs.

6. Social Management Plans

6.1. Community Health

The Project has taken the following actions regarding Community Health during 2020 Q3 to minimize direct impacts on local and regional health care services and to promote community cohesion:

- Full range of medical services provided by third parties at Project site (ISOS), Annex 2 and Sitka Lodge (Medcor)
- Occupational First Aid (OFA) person available day/night at Crossroads Lodge, with and ISOS available for critical emergencies. All non-emergencies are directed to the Project site clinic
- Workers at site receive training and must sign a Worker Code of Conduct
- Coordination with Kitimat General Hospital. Regular check-ins with Mills Memorial Hospital
- Implementation of site-specific health management plans in coordination with Northern Health
- COVID-19 specific actions:
 - Regular check-ins with Northern Health, Ministry of Health, WorkSafe BC and BCCDC
 - All lodges have enhanced hygiene and social distancing practices in place

The Project strives to have no impact to regional healthcare services and infrastructure, except in cases of emergency which cannot be predicted or avoided, such as cardiac arrest. Managing direct effects on community health also considers workforce activities and behaviours to promote healthy living and working environments, and community cohesion.

In 2020 Q3 the Project had 13 occupational injuries and 32 non-occupational injuries requiring treatment in local hospitals. All 107 notifications to health authorities during this period were COVID-19 related, including daily briefings. Other incidents were addressed by the Project's first aid and medical staff.

SMR DISCUSSION:

Trends identified by stakeholders for 2020 Q3 were discussed, including indication from Northern Health that Kitimat worker accommodation lodges have managed COVID-19 cases well, with no outbreaks/little transmission during 2020 Q3. An increase in Emergency Department (ER) hospital visits in both Kitimat and Terrace was noted from Q2 to Q3, prior to the COVID-19 second wave in late September; however, overall Kitimat ER visits in 2020 remained lower than in 2019. Young males (age 18–35) accounted for <3% of ER patients at both KGH and MMH in 2020 Q3 between 10 pm–6 am, which was lower than the percentage of adult males (4–6%) (Northern Health 2020). With COVID-19 protocols in place, Northern Health indicates that other communicable diseases have been controlled well.



During the session, a question was raised pertaining to the November 19 COVID-19 outbreak at the LNG Canada site: Specifically, why would workers who initially test negative return home and potentially put others at risk? The Northern Health Medical Health Officer (MHO) clarified that anybody deemed to be a close contact to a confirmed COVID-19 case is required to self-isolate for 14 days regardless of their test result. In the case of the LNG Canada site outbreak, testing was conducted on all workers in the management area where the outbreak occurred. Those who tested negative, with exposure risk but no close contacts, were free to go home and instructed to maintain heightened vigilance. The discussion considered why rapid testing is not currently deployed to screen workers coming into Kitimat from other parts of the country. It was recognized that testing turnaround time is currently a logistical limitation, along with the two week long COVID-19 incubation period, which is why multiple layers of mitigation are required at all times to prevent transmission. A request was made of Northern Health and First Nations Health Authority to clarify the COVID-19 outbreak notification process for First Nations. The increasing role of mental health programming for workers was also mentioned in light of the COVID-19 situation, with posters and information at the LNG Canada site and councillors available to the workforce.

In response to a concern raised regarding the potential risk to vulnerable populations from nearby large industrial camps, the Project highlighted its Gender and Cultural Safety Group in partnership with Cedar Valley Lodge operator Lee-Bo Sodexo to establish and reinforce cultural and behaviour norms. The group creates innovative ways to educate and raise awareness, such as a recent [Sisters in Spirit event](#) held in October at Cedar Valley Lodge, with a Moose Hide Campaign (a grassroots movement of Indigenous and non-Indigenous men and boys who are standing up against violence against women and children) planned for the first half of 2021. In addition, all workers on site must complete cultural awareness training, which addresses major findings from the National Inquiry into Missing and Murdered Indigenous Women and Girls, and which reaffirms expectations of worker behaviours. It was also noted that community monitoring data will next be presented at the February 2021 SMR and will include crime data.

First Nations Health Authority (FNHA) concluded the session by addressing outstanding SMR action 2019-Q2-9 with a clarification of roles and responsibilities between the FNHA and Northern Health. Refer to Table 3 Status Update on SMR Working Group Action Items for additional details.

6.2. Traffic

The Project has implemented the following mitigation measures during 2020 Q3 to manage Project-direct effects on road and air traffic:

- Equipment and materials delivery by water where possible, minimizing truck volumes
- Non-local workers to primarily reside on site at Cedar Valley Lodge, minimizing off-site transfer of personnel
- Local residents are required to park their personal vehicles at specific Park 'n Ride locations in Kitimat, Kitimaat Village and Terrace and take shuttles to and from the worksite

Joint venture companies



- JFJV and LNGC continue to work with DOK to minimize local traffic impacts, including parking
- In Vehicle Monitoring System (IVMS) to promote safe driving behavior of workers
- Use of chartered flights to minimize reliance on commercial flights, currently at eight charter flights per week and expected to increase during 2021 with up to 21 flights per week during peak construction

In 2020 Q3, the Project continued to limit its impact on roadway traffic volumes by transporting local and non-local workers by shuttle bus. There were increases in the number of workers being transported between Project construction sites and local Park 'n Ride lots in Kitimat and Terrace. A new Park 'n Ride lot, immediately adjacent to the Project site in the Kitimat industrial area, began to be used by the Project in 2020 Q3, while the former Mountainview Park 'n Ride lease in the Kitimat city centre was terminated. The Project anticipates this change will decrease the number of parking-related concerns and complaints arising from Kitimat residents.

Project air traffic increased in 2020 Q3 for both commercial and charter flights; however, levels remain 50% lower than 2019 Q3 (pre-COVID) flight volumes at Northwest Regional Airport (YXT 2020).

SMR DISCUSSION:

During the session some discussion took place on the nature of road transport incidents that have occurred, all of which have been relatively minor to date. The Project was requested to follow up and provide a formal definition for “road transport-related incidents and near misses.” MOTI reminded SMR participants that snowy conditions will soon arrive and urged all drivers to slow down

Terrace Fire Department (TFD) provided a summary from an October 2020 Significant Motor Vehicle Incident planning exercise (e.g., shuttle bus rollover along Highway 37), which was attended by 17 organizations including LNG Canada and JFJV. Among key items discussed was the need to pull together medical services (hospitals and ambulance services from both Kitimat and Terrace) to hold a mass casualty drill. Moving forward, additional training and exercises are required to build familiarity and skill with unified command structure. The event was led by TFD and sponsored by LNG Canada. During the SMR discussion, the Project expressed its gratitude to first responders for coordinating the effort. TFD agreed to work together with Kitimat Fire and Ambulance Service (KFAS) to determine next steps, with commitment from the Project team to continue to support.

6.3. Emergency Response

The Project implemented the following mitigation measures to manage Project-direct effects on emergency response services during 2020 Q3:

- Site Emergency Response Plans in place, developed with inputs from KFAS
- JFJV leads primary emergency response at site. Resources include fire engine, medical response vehicle, fire fighters, paramedics (2), and advanced care paramedics (3)
- Safer Together Program to reinforce a safety mindset based on four pillars with a strong foundation of caring for people
- Workers are required to sign off on the Worker Code of Conduct and complete cultural awareness training



- All lodges have contracted security personnel onsite

In 2020 Q3, the Project recorded six incidents requiring ambulance service calls to site, one fire department call and seven RCMP service calls (five of which were attributed to pocket dials). No medical evacuations from site were required. Nine meetings were held with external agencies to coordinate emergency response during 2020 Q3.

During the reporting period, Terrace RCMP indicated that call volumes have continued to decrease, with mental health calls redirected and support no longer provided to BCEHS to meet requests for additional security (Terrace RCMP 2020). Kitimat RCMP calls increased slightly in 2020 Q3; however, overall crime offenses for 2020 YTD are 23% lower than 2019, attributed to COVID-19 social restrictions (Kitimat RCMP 2020). Conversely, KFAS indicated a 40% increase in September 2020 total calls compared to September 2019 total calls, attributed to population increase, demographics, and increased support provided to Terrace BCEHS, e.g., transfers, cross-coverage (KFAS 2020).

SMR DISCUSSION:

During the session, it was noted that emergency responders are seeing an increase in mental health calls, with more effort needed to understand the situation and provide better support. It was clarified that the Project team is still pursuing open actions to better assess mental health profile of 911 calls.

KFAS concluded the session by addressing outstanding SMR action 2019-Q4-5, with a clarification of how community-level Hazard, Risk and Vulnerability Analysis is carried out as part of Emergency Planning, with expectations of industry to participate in the process, particularly where industry activities have the potential to cause harm to people or critical infrastructure. Refer to Table 3 Status Update on SMR Working Group Action Items for additional details.

6.4. Housing and Accommodations

The Project has implemented or continued the following measures to manage Project-direct effects on housing and accommodations during 2020 Q3:

- No Living Out Allowances (LOA) provided to the workforce
- Non-local workers follow a job rotation system to encourage workers to maintain their home base
- Build and operate onsite workforce accommodations Cedar Valley Lodge. 2,600 bed capacity reached in October 2020, 4,500 bed capacity with completed recreational facilities anticipated by Q2 2021
- House workforce at open lodge accommodations Sitka Lodge, Sitka Annex 2, and Crossroads Lodge (when unable to house workers at Cedar Valley Lodge)
- Limit the number of employees relocated to Kitimat with partners and/or children and provide company accommodations.

At the conclusion of 2020 Q3, LNG Canada Project workers were no longer staying at Sitka Lodge or Annex 2. Workers are now being housed primarily on site at Cedar Valley Lodge and these numbers will increase in line with bed capacity increases. Horizon North Crossroads Lodge will continue to be used to manage worker overflow. Also during 2020 Q3, the total number of relocated workers with families remained low at 43. This number is anticipated to increase in 2021 ahead of main construction. More details will be provided at the next SMR meeting.



Kitimat transitional housing demand increased from Q2 to Q3 2020 with ongoing staff turnover challenges, while monthly “nights full” remained lower in 2020 compared to 2019 (Tamatik Status of Women [TSW] 2020). TSW indicated the overall lower use of the women’s shelter in 2020 can be attributed to reduced capacity due to COVID-19 restrictions, instability with staffing, and personal preference for staying at home rather than accessing a shelter during a pandemic. In Terrace, a large increase in males accessing Ksan shelter and non-resident support services was noted in August, as well as an increase in older female clients in Q3, which may be seasonal (Ksan Society 2020).

Efforts to monitor the rental housing market for 2020 Q3 indicate that apartment rental vacancies for Kitimat were estimated at less than 1% for this period, with a minor decrease in cost for available units (BRA and Stantec 2020). Rental vacancies for Terrace were estimated at 1.2%, while notably, rental costs for available units in 2020 Q3 increased 49% (BRA and Stantec 2020).

Both Kitimat and Terrace childcare service providers report vacancies with unfulfilled capacity despite long waiting lists (BRA 2020, Government of BC 2020 & Hemmy 2020). Staff turnover resulting in insufficient staffing levels continues to be the primary constraint limiting the ability to fill all licensed spaces.

SMR DISCUSSION:

During the discussion, TSW indicated the Kitimat shelter continues to be at or over capacity, further strained by COVID-19 restrictions, preventing multiple households from sharing shelter space. To increase available capacity, two rooms have been secured at the Chalet Motel. The increase in demand was recognized as cyclical, with the house typically filling up each year ahead of the holidays. Were social housing service providers able to maintain service levels, it was noted, that would relieve burdens placed on other emergency responders (e.g., RCMP/ front-line medical staff). Ksan Society indicated that Terrace shelters are conversely under capacity compared to normal annual cycles, possibly due to changing demographics. There continues to be a significant need for a daytime drop-in centre in Terrace accessible to individuals experiencing homelessness as an alternative to sleeping in doorways downtown.

During the discussion on rental market housing, the Project team described the methodology used to estimate available vacancy rates. It was noted that the moratorium on rental increases, new high-end units coming onto the market and a high number of furnished rental units in both Kitimat and Terrace are driving up overall rental costs. The City of Terrace indicated its Housing Action Plan and Needs Assessment for Terrace and Areas E & C of the Regional District should be finalized in December and will likely be available to share ahead of the next SMR. Housing service providers indicated that with the high costs of housing in the area, their clients are just barely keeping their heads above water. TSW offered to share data showing average disbursements given out for the BC Housing Homeless Prevention Program, including rent and income, which demonstrates the disparity of income in Kitimat (i.e., income levels are not increasing at the rate of increased cost of living).

The discussion on childcare service limitations in both Terrace and Kitimat raised many considerations for further exploration by MCFD to better understand and address driving forces behind staffing challenges. LNG Canada indicated that early childhood educator training and local area childcare service capacity is a potential area for future community investment and offered to support MCFD’s efforts to work with local service providers to explore the issues and opportunities.



7. SMR Summary and Actions

Participants representing 28 stakeholder groups, First Nations, municipal and provincial government entities joined the meetings to review Project data, ask questions and provide feedback and insights. Table 3 summarizes action items for the LNG Canada Project team and SMR participants that were either addressed in the last quarterly reporting cycle and are now closed out, remain open, or represent new items identified during the December 8, 2020 SMR meeting. Items identified as closed will be removed from the tracking table and will be summarized in the annual 2020 CLISMP report for future reference. Provincial agencies participating in the roundtable contributed to areas of community discussion over and above what the LNG Canada Project might be able to directly address. These open and/or new items are indicated in Table 4 below.

Due to the COVID-19 pandemic, there may be need for some flexibility with timelines in order to progress actions and follow-up discussion items, as the resources of many stakeholders, communities, First Nations and government agencies are collectively allocated to the COVID-19 response.

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Table 3 Status Update on SMR Working Group Action Items

#	Working Group	Responsible Party	Action	Status
2020-Q3-1	-	LNG Canada Project Team	Follow up with Kermode Friendship Centre on Indigenous apprenticeship efforts and linkages to youth workforce development programs	NEW 12/08/20
2020-Q3-2	-	LNG Canada Project Team	Consider presenting Indigenous employment data stratified by geographical area (i.e., local and non-local)	NEW 12/08/20
2020-Q2-1	Housing & Accommodations	LNG Canada Project Team	Incorporate available data on demand for social housing services which do not use BC Housing Applicant registry	Open 12/01/20. Wait list data obtained from M'Akola Housing Society. Efforts underway to evaluate available data from other housing organizations in the Terrace/Kitimat area.
2020-Q2-2	Housing & Accommodations	LNG Canada Project Team	Consider collecting data on median income or wages as eligibility criteria for BC Affordable Childcare Benefit (currently only families with household incomes up to \$111,000 or families with incomes exceeding \$111,000 who have children with special needs qualify)	Closed 12/01/20. Noted. Most recent median income data available is from 2016 census. Data from the 2021 census will be available in 2022.
2020-Q2-3	Housing & Accommodations	LNG Canada Project Team	Re-phrase roundtable discussion question regarding assessment of mitigation effectiveness	Closed 12/01/20. Roundtable will focus on stakeholder observations and experience during the reporting period. The Project will continue to evaluate effectiveness of mitigations and determine any need for adaptive management each quarter, with efforts summarized in an annual report submitted to BC EAO as per CLISMP requirement.



Table 3 Status Update on SMR Working Group Action Items

#	Working Group	Responsible Party	Action	Status
2020-Q3-4	Housing & Accommodations	LNG Canada Project Team	Follow up with TSW, Kitimat CDC and Ksan Society for data illustrating housing affordability gap for clientele. TSW to share rental subsidy demand data for BC Housing Homelessness Prevention Program	NEW 12/08/20
2020-Q3-5	Housing & Accommodations	Ministry of Child & Family Development	Working with LNG Canada, convene childcare service providers, AEST, Coast Mountain College to assess key drivers of childcare staffing shortages, awareness of available supports, and ways to support skills development	NEW 12/08/20
2020-Q3-6	Housing & Accommodations	LNG Canada Project Team	Poll City of Terrace, housing service providers and Provincial housing agencies to assess daytime homeless service needs (e.g., drop-in shelter) in Terrace and available Provincial supports	NEW 12/08/20
2019-Q2-9	Community Health	BC First Nations Health Authority or Northern Health	Follow up on public health linkages between Northern Health and First Nations Health Authority	Closed 12/08/20. Information provided by First Nations Health Authority at the December 8 2020 SMR meeting. Summary included below.
2019-Q3-17	Community Health	Northern Health	Consider providing data from mobile unit service to support SMR monitoring needs	Open 12/01/20. Northern Health is determining if this information can be made available.
2019-Q4-5	Community Health	Kitimat Fire and Ambulance Service (previously assigned to Northern Health)	Clarify where Project-level planning intersects with provincial and community-level Hazard, Risk and Vulnerability Analysis (i.e., epidemics)	Closed 12/08/20. KFAS provided this overview at the December 8 2020 SMR meeting. Summary included below.



Table 3 Status Update on SMR Working Group Action Items

#	Working Group	Responsible Party	Action	Status
2020-Q2-4	Community Health	LNG Canada Project Team	Suggestion to incorporate COVID-19 vulnerability into site orientation training, as many workers may not be aware of heightened vulnerabilities in remote Indigenous communities	Closed 12/01/20. Daily efforts at Project site to educate and inform all workers of COVID-19 risks and evolving protocols. Ongoing efforts to increase worker cultural awareness through enhanced orientation materials and ongoing programs such as Indigenous speaker panels and Moose Hide campaign.
2020-Q2-5	Community Health	LNG Canada Project Team	Provide information on worker wellness programs (mental health, sexual health, recreation)	Closed 12/08/20. An overview of the Project Mental Wellness plan was shared at the December 8 2020 SMR meeting. Sexual health information and condoms are available at site medical clinics and will be made available at public restrooms in workforce accommodation centres. Sexual health consultation, evaluation and referral is managed within the normal scope of practice of nurse practitioners.
2020-Q2-6	Community Health	Northern Health	Consider providing Intensive Crisis Management Team data to assess changes in service demand	Open 12/01/20. Northern Health is determining if this information can be made available.
2020-Q2-7	Community Health	LNG Canada Project Team	Follow up to provide air quality summary note	Closed 12/01/20. A summary has been provided below. Please note that air quality is outside of CLISMP scope.



Table 3 Status Update on SMR Working Group Action Items

#	Working Group	Responsible Party	Action	Status
2020-Q2-8	Community Health	LNG Canada Project Team	Ensure emergency responders invited to follow-up discussion on changing community mental health needs at next SMR meeting	Closed 12/01/20. Noted. Mental health needs will continue to be a focus for the Community Health Working group.
2020-Q3-6	Community Health	Northern Health Authority	Provide clarification of health information flow to First Nations communities, including COVID-19 notifications protocols	NEW 12/08/20
2020-Q3-7	Community Health	LNG Canada Project Team	Relay to CGL questions raised by Gitga'at regarding efforts to monitor worker behavior and COVID-19 safety measures in Smithers area	NEW 12/08/20
2019-Q2-4	Traffic & Emergency Response	RCMP and Fire Services	Re-opened action from Q2. Provide LNG Canada Project team with available information on traffic incidents by location	Open 12/01/20. The Project Team is working with RCMP Traffic Services as well as Terrace Fire Dept to collect location-specific traffic incident data.
2019-Q2-5	Traffic & Emergency Response	DOK (District of Kitimat) Engineering Services	Re-opened action from Q2. Recommendation to DOK to assess need for traffic light at Nalabila/Hwy 37 intersection	Open 12/01/20. DOK to share Traffic Study results and any related infrastructure improvement plans at an upcoming SMR meeting.
2020-Q2-9	Traffic & Emergency Response	LNG Canada Project Team	Confirm if Traffic Impact Study (TIS) can be distributed to Working Group participants	Open 12/01/20. MOTI and DOK directly involved in TIS review. Traffic Management Plan (including TIS) will be available on the BC EPIC site in 2021. Link will be sent to SMR Participants.



Table 3 Status Update on SMR Working Group Action Items

#	Working Group	Responsible Party	Action	Status
2020-Q2-10	Traffic & Emergency Response	LNG Canada Project Team	Assess availability of marine emergency response data around Hartley Bay	Open 12/01/20. Information has been requested from Coast Guard Marine Communications and Traffic Services (MCTS) in Prince Rupert and will be shared with SMR participants if available. Note: marine traffic and emergency response are outside scope of CLISMP.
2020-Q2-11	Traffic & Emergency Response	LNG Canada Project Team	Represent mental health calls as a subset of 911 calls in community monitoring	Open 12/01/20. Mental health-related calls may be tracked by the North District 9-1-1 Dispatch Centre. The request for this data is currently being reviewed by RCMP in Prince George.
2020-Q3-8	Traffic & Emergency Response	LNG Canada Project Team	Provide a definition of “road transport-related incidents and near misses”	NEW 12/08/20
2020-Q3-9	Traffic & Emergency Response	Kitimat Fire and Ambulance	Invite LNG Canada and other stakeholders to participate in regional HRVA discussion to support 2021 Emergency Management Planning	NEW 12/08/20
2020-Q3-10	Traffic & Emergency Response	Terrace Fire Department	Work with KFAS to identify follow up actions building upon October Significant MVI planning meeting (e.g., ICS training, drill)	NEW 12/08/20
2019-Q4-14	Community Amenities, Utilities and Education	LNG Canada Project Team	Support City of Terrace in development of municipal capacity metrics	Open 12/01/20. Efforts underway with the City of Terrace to identify potential metrics



2019-Q2-9 Summary of public health linkages between Northern Health Authority (NHA) and First Nations Health Authority (provided by First Nations Health Authority and FNHA.ca)

In 2013 the Health Canada's First Nations and Inuit Health Branch (FNIHB)—Pacific Region formally transitioned the responsibility for the administration of federal health programs and services to the First Nations Health Authority (FNHA) in BC (FNHA n.d.). The FNHA is part of a unique health governance structure which includes the First Nations Health Council (FNHC; political advocates), First Nations Health Directors Association (supports FNHA health directors throughout BC), and FNHA (which implements the programs and services). The First Nations Health Authority plans, designs, manages, and funds the delivery of First Nations health programs and services in BC, and does not replace the role or services of the Ministry of Health and Regional Health Authorities (FNHA n.d.). Within Northern BC, the governance structure is the Northern Regional Table, which is made up of three representatives from each sub-region (one from the North East, North Central, North West), each with a representative from the Health Council, Health Directors Association, and Community). The Northern Regional Table works closely with the senior executive team from NHA to create joint plans and joint actions throughout the course of the year.

FNHA and NHA are in the process of refreshing the Northern Partnership Accord (originally signed in 2012). Key elements include how the two organizations will work together and collaborate on initiatives such as racism within healthcare, integration of cultural practices in workplaces, collaboration around COVID-19 response, primary care, mental wellness and substance use, population and public health, maternal and child health, as well as traditional wellness. FNHA is led by seven directives, the first being that work is community-driven and Nation-based, therefore First Nation communities set and determine the priorities regarding health services. There are a variety of governance events, including work done by the Engagement Team with communities around what their priorities are and how to best address them.

2019-Q4-5 Hazard, Risk and Vulnerability Analysis (HRVA) planning summary (provided by Kitimat Ambulance and Fire Service)

Hazard risk and vulnerability analysis at a community level identifies relevant hazards, risks, and vulnerabilities (e.g., response to natural disasters) and determines preparedness, mitigation, response, and recovery plans to address these at community level. When industry is part of the community, industry level planning and community level planning should go hand in hand.

The District of Kitimat (DOK) has already identified many of these risks, hazards, and vulnerabilities, and conducts its own emergency planning each year. The expectation is for both industry and the DOK to identify and work together to manage industry and community activities that could strain infrastructure or where there is the potential for activities to cause harm to the local population or critical infrastructure. The DOK and emergency responders need to understand what industry and other agencies are doing, not only at a planning level but also at a mitigation and response level.

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Effective planning requires information sharing. The Emergency Operation Centre (EOC) brings everyone with a vested interest together to have open discussion and understanding of the direction of each agency. In the instance of a wildfire, the DOK and BC Wildfire Service work together through a Unified Command. In the case of pandemic planning and response, there need to be linkages between Industry level planning and District level planning (including public health and safety authorities such as Northern Health). The Province also comes in and provides support to the community.

The structured DOK HRVA planning process includes an emergency management plan which identifies hazards, risks and vulnerabilities, and looks at the impacts that could be created or brought forth to the community. This is identified on an annual basis to meet the changing community demands and risks. The HRVA is planned in conjunction with Industry emergency response plans and includes evaluating the resources and expertise required for an emergency response.

2020-Q2-7 Air Quality Summary (provided by LNG Canada)

Regional Air Quality Monitoring

Current air quality data for the region can be found at the following link, and includes both a current data overview of ambient pollutant concentrations and meteorological data, and data from individual monitoring stations: [BC Government Environmental Protection and Sustainability: Coastal Air Zone Data.](#)

Kitimat Airshed Group

LNG Canada is committed to participate in the recently established Kitimat Airshed Group (KAG). The Project is supportive of KAG’s mission to provide air quality education for public awareness of timely, representative, and scientific monitoring data that has been reviewed and promotes clean air. LNG Canada shares the KAG’s vision of enabling public access to, and understanding of, trusted air quality information from a representative monitoring network, which informs decisions and prioritizes the overall health, well-being and safety of people and the environment.

In 2021, the KAG intends to review the existing Kitimat ambient air quality monitoring network based on scientific considerations such as meteorology and geography, ensuring that the network provides a representative data set for current and anticipated future emissions of all relevant contaminants. This review will examine current monitoring in the region and will identify any gaps in the data being collected. LNG Canada is committed to participating in joint monitoring through the KAG during LNG Canada Plant commissioning, start up and operations.

Table 4 Follow Up Items for BC Government

SMR Working Group	Items for Follow up Discussion at Next SMR Meeting
Community Health	Ministry of Health to consider a forward-looking regional assessment of community health, safety and well-being (raised Sept 15, 2020)

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7.1. Next SMR Meeting

The next SMR meeting is planned to take place virtually on February 23–24, 2021, for the comprehensive Q3–Q4 2020 monitoring period.

Dates for all planned SMR sessions taking place in 2021 are indicated below:

- February 23–24 (virtual)
- May 4 (virtual)
- August 10–11 (face-to-face TBD)
- November 24 (virtual)



8. References

- Big River Analytics [BRA]. 2020. City of Terrace Community Child Care Needs Assessment and Space Creation Action Plan. Unpublished report.
- Big River Analytics and Stantec Consulting [BRA and Stantec]. 2020. Housing and Accommodation Indicators October 2020. Unpublished report.
- First Nations Health Authority [FNHA]. n.d. First Nations Health Authority – About Us. Available at: https://www.fnha.ca/Documents/FNHA_AboutUS.pdf. Accessed January 2021.
- Government of BC. 2020. Child Care Map. Available at: <https://maps.gov.bc.ca/ess/hm/ccf/>. Accessed November 2020.
- Hemmy, M. 2020. Personal Communications. Kitimat CDC Childcare and EWR Q3 Trends.
- Jephson, D. 2020. Personal Communications. Terrace Fire Dept Q3 Trends.
- Kitimat Fire and Ambulance Services [KFAS]. 2020. KFAS Q3 Data. Provided by T. Bossence in November 2020.
- Ksan Society. 2020. Ksan Society Q3 Trends. Provided by T. Walker in October 2020.
- Northern Health. 2020. Health Metrics Q3 Data. Provided by J. Olynick in December 2020.
- Northwest Regional Airport [YXT]. 2020. YXT Passenger Q3 Data. Provided by M. Gordon in November 2020.
- Kitimat RCMP. 2020. Kitimat RCMP Q3 Data. Provided by G. Morgan in November 2020.
- Tamitik Status of Women [TSW]. Dunmore Place Q3 Trends. Provided by M. Martins in November 2020.
- Terrace RCMP. 2020. Terrace RCMP Q3 Trends. Provided by M. Robinson in November 2020.



Appendix A 2020 Q3 SMR PARTICIPANTS

Community	Organization	Attendees
Project Team	LNGC	Nina Arvanitidis (Social Performance), Trevor Feduniak (Construction), Jenn Prochera (Community Relations), Hope Regimbald (Indigenous Relations), Brian Hutchinson (Communications), Stephanie Mah (Health), Paul Hagel (Communications), Morganne Williams (External Relations), Morag Volek (Logistics), Johnna van Keuren (HSSE), Crystal Sharwood (Communications), Daren Parsons (HSSE), Rob Simpson (HSSE), Shalin Kashyap (HSSE)
	JFJV	Daria Hasselmann (Community Impacts), Isaac Thompson (Health), Berni Molz (Construction), Gaelle Eizlini (Community Impacts), Lori Janson (Communications)
	Horizon North	Andrew Desilets
	Support	Frank Bohlken (Stantec), Lucy Shen (Stantec)
Indigenous Groups	Kitsumkalum	Rina Gemeinhardt
	Gitga'at	Nicole Robinson
	Kitselas	Chris Apps, Lynn Parker, Janis Shandro
	First Nations Health Authority	Megan Woods, Becky Row
Kitimat	DOK	Warren Waycheshen, Alex Ramos-Espinoza, Michael Dewar
	Kitimat RCMP	Eric Black
	Kitimat Fire & Ambulance Services	Trent Bossence
	Tamitik Status of Women	Michelle Martins
	Kitimat Community Development Centre	Marianne Hemmy
	Kitimat Community Services Society	Cyndi McIntosh
Terrace	City of Terrace	David Block, Deklan Corstanje, Dwayne Sheppard
	Terrace Fire Department	Dave Jephson
	Kermode Friendship Centre	Cal Albright
	Ksan Housing Society	Amanda Owens, Lisa Schmidt, Elaine McGillivray
	Terrace and District Community Services Society	Julie San Juan
	Northwest Regional Airport—YXT	Dave Kumpolt

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Community	Organization	Attendees
Province of BC	LNG Canada Implementation Secretariat	Rosanna Breiddal, Rachel Shaw, Benjamin VanderSteen, Sara Saaed, Emily Burton-Brown
	Northern Health	Jonathan Cooper, Yaheli Klein, Raina Fumerton, Chelan Zirul
	Municipal Affairs & Housing (MAH)	Jennifer Hill, Carole-Anne Hudson, Kris Nichols, Avery Kelly, Tim Lesiuk
	BC Housing	Valerie Hare
	ICBC	Doug McDonald
	Ministry of Transportation and Infrastructure (MOTI)	Daniel Baker, Nathan Voogd
	BC Emergency Health Services	Andre Ledoux
	RCMP	Robert Pikola
	Social Development and Poverty Reduction (SDPR)	Jennifer Miller
	Jobs, Economic Development and Competitiveness (JEDC)	Martin Stegman
	Ministry of Health (MOH)	Cara Lachmuth
	Ministry of Children and Family Development (MCFD)	Michelle Kirby



Appendix B PROJECT REPORTING 2020 Q3

Table 1 LNG Canada Project Metrics—Housing & Accommodations

HOUSING & ACCOMMODATIONS (also EDUCATION, AMENITIES)	June	July	August	September
Project local (resident) workforce	632	770	811	758
Project non-local workforce ¹ temporarily housed at Open Lodges and CVL (average beds)	1,071	1,559	1,710	1,960
Project non-local workforce temporarily staying at Kitimat hotels or lodges (peak beds)	0	0	0	0
Project non-local workforce temporarily staying at Terrace hotels or lodges (peak beds)	0	0	0	0
Project staff re-located to Kitimat, presently staying in company-provided housing	40	40	42	43
Accompanying school-aged children of relocated Project staff	28	24	28	28
Number of housing-related concerns or complaints	1	0	0	0
SOURCES: CIMP Reports (JFJV); LNGC-reported CLISMP data				

¹ Non-local workforce housed at Sitka Lodge, Crossroads Lodge, Sitka Annex 2 Lodge, Cedar Valley Lodge and a small number of visitors at Haisla Town Centre during the reporting period



Table 2 LNG Canada Project Metrics—Traffic

TRAFFIC	June	July	August	September
Number of daily Project bus trips from Northwest Regional Airport (YXT) to Kitimat (avg. passengers /day)	3 (19)	4 (32)	3 (32)	4 (35)
Number of daily Project bus trips from Terrace Park & Ride to Kitimat (avg. passengers/day)	10 (79)	14 (87)	16 (88)	16 (88)
Number of daily Project bus trips from Kitimat and Kitimaat Village Park & Ride to Site (avg. passengers /day)	73 (112)	84 (123)	79 (116)	67 (158)
Number of road transport-related incidents and near misses	3	4	2	8
Number of Project personnel on commercial flights through airport per month	797	924	1,267	1,035
Number of Project personnel on charter flights	1,231	1,377	2,047	3,084
Provision of project transportation plans to transportation authorities	2	0	1	1
Notifications to service providers and the public regarding scheduling of transportation equipment	0	0	0	0
Number of meetings with transportation authorities on traffic management, congestion and road safety	1	1	1	2
Number of traffic-related concerns or complaints	2	3	3	2
SOURCES: CIMP Reports (JFJV); LNGC-reported CLISMP data				



Table 3 LNG Canada Project Metrics—Emergency Response & Health

EMERGENCY RESPONSE & HEALTH²	June	July	August	September
Number of ambulance service calls to site	3	6		
Number of fire department service calls to site	0	1		
Number of RCMP service calls to site	1	7 ³		
Number of meetings held to coordinate and plan emergency response	7	5	2	2
Number of emergency response-related concerns or complaints	0	0	0	0
Number of workplace occupational injuries and illnesses requiring treatment at local hospitals	3	13		
Number of workplace non-occupational injuries and illnesses requiring treatment at local hospitals	7	32		
Number of workplace injuries or illnesses requiring medevac	0	0		
Number of recordable occupational injuries	2	7		
Number of recordable non-occupational injuries	Not available	Not available ⁴		
Number of notifications to health authorities for occurrence of communicable illnesses/diseases	12	107 ⁵		
Percentage of workers who have signed the Worker Code of Conduct	100%	100%	100%	100%
Percentage of workers who have completed Cultural Awareness Training ⁶	80%	86%	98%	100%
Number of community health-related concerns or complaints	0	0	4	0
SOURCES: CIMP Reports (JFJV); LNGC-reported CLISMP data				

² Health & Emergency Response metrics are compiled from 5 sources: JFJV site (including Cedar Valley Lodge); LNGC (CPI contractors); Sitka Lodge medical services provider, Sitka annex 2 medical services provider, Crossroads Lodge medical services provider

³ Higher number of RCMP calls to site for September 2020 were due to: (1) worker intoxication; (1) worker mental health issue; (5) 911 pocket dials

⁴ Number of non-occupational injuries not currently available. This information will be included in Q32020 CLISMP/SMR Summary Report

⁵ Notifications to health authorities (Northern Health) during 2020 Q3 primarily related to COVID-19 management

⁶ Cultural Awareness Training can be completed within 30 days of attending Orientation. In order to teach in a meaningful way, JFJV has capped class sizes to 30 people. A process is in place to ensure all workers complete this training.



Table 4 LNG Canada Project Metrics—Utilities

UTILITIES⁷	June	July	August	September
Weight (tonnes) of waste streams generated by Cedar Valley Lodge ⁸	0	13	105	75
Volume/weight of hazardous liquids sent to approved facilities ⁹ (litres)	5,750	3,370	13,280	4,000
Volume/weight of hazardous solids sent to approved facilities (yards cubed)	64,488	Not available ¹⁰		
Volume/weight of non-hazardous solids sent to municipal landfills (yards cubed)	2,036	462	196	737
Influent and effluent flow rates from Cedar Valley Lodge wastewater treatment system	0	Not available ¹¹		
Number of municipal utility related concerns or complaints	0	0	0	0
SOURCES: CIMP Reports (JFJV); LNGC-reported CLISMP data				

⁷ Health & Emergency Response metrics are compiled from five sources: JFJV site including Cedar Valley Lodge; LNGC (CPI contractors); Sitka Lodge medical services provider; Sitka Annex 2 medical services provider; and Crossroads Lodge medical services provider

⁸ Cedar Valley Lodge began to house workers in July 2020. Efforts are underway to reconcile multiple waste streams and receiving facilities. 2020 Q3 values will be incorporated in CLISMP reports when available.

⁹ No facilities in the Kitimat-Terrace area are currently approved to receive hazardous liquids. All hazardous liquids are currently disposed outside the region

¹⁰ No facilities in the Kitimat-Terrace area are currently approved to receive hazardous solids. All hazardous solids are currently disposed outside the region. A limited volume of IL+ soil from the Project is currently accepted at RDKS Forceman Ridge Landfill, which can be used for grading and fill and does not take up landfill capacity. Efforts are underway to reconcile multiple hazardous solids waste streams and receiving facilities. 2020 Q3 values will be incorporated in CLISMP reports when available.

¹¹ Cedar Valley Lodge commissioned its wastewater treatment facility in June 2020 with steadily increasing worker population using the facilities during 2020 Q3. Efforts are underway to refine monitoring and reporting of wastewater treatment flow rates against design capacity to demonstrate effective wastewater treatment. 2020 Q3 values will be incorporated in CLISMP reports when available.