

LNG Canada

2022 Q3 Social Management Roundtable / CLISMP Update



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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). Together with its prime contractor JGC Fluor BC LNG Joint Venture (JFJV), LNG Canada began implementation of its Community Level Infrastructure & Services Management Plan (CLISMP) on April 1, 2019. The CLISMP entails social management plans that outline actions to mitigate the Project's adverse direct effects on community level infrastructure and services; review, community engagement mechanisms; conduct socio-economic monitoring; and issue 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 (Q3 2022) as these pertain to CLISMP implementation.

1.1. Summary of Project Effects

Overall, the Project had limited direct impacts on community level infrastructure and services during this period. Indirect and induced effects in conjunction with effects of the COVID-19 pandemic continued to be felt in surrounding communities. In Q3 2022, average occupancy at Cedar Valley Lodge peaked at 3,020 non-local workers in September 2022, and the employment of workers from local communities peaked at 669 in July 2022.

Table 1 summarizes the direct Project effects on community infrastructure and services measured in Q3 2022 and evaluates the effectiveness of mitigations.



Table 1 Summary of Direct Project Effects July-September 2022 (Q3 2022)

Social Impact Category	Project Effect	Effectiveness of Mitigations
Housing & Accommodations	An average of 3,020 non-local Project workers were housed on-site at Cedar Valley Lodge (September), while a total of 99 Project staff were relocated to Kitimat with company-provided housing.	The Project has limited demands on market housing by prioritizing hiring from the local area; housing non-local workers onsite at Cedar Valley Lodge while on rotation; not paying living-out allowances to the workforce; and limiting the number of employees relocated with company-provided housing in Kitimat.
Community Health	There were 12 occupational injuries and illnesses and 43 non-occupational injuries and illnesses requiring treatment in local hospitals. There were 16 notifications to health authorities for occurrences of communicable illness/disease, primarily related to COVID-19 and gastrointestinal briefings.	The Project limited direct demand on local medical services by providing a full range of medical services at the Project site and workers' accommodations; and by continued communication and coordination with Kitimat General Hospital. The Project kept in regular contact with health authorities regarding COVID-19 and communicable diseases to ensure the health and safety of workers and the community.
Air Traffic	A peak of 509 Project personnel travelled through Terrace (YXT) September 2022, while a peak of 6,565 personnel were charter flights through YXT airport in August 2022.	By using chartered flights for most of the workforce, Project direct effects on YXT airport were limited.
Road Traffic	Volume of Project-related road traffic (personnel shuttles) remained consistent over Q3 2022.	The Project limited the use of personal vehicles on local roads by transporting workers to and from the airport, workforce accommodations, and Project site on company-provided shuttles; establishing Park 'n Ride lots; and enforcing shuttle transit for local workers.
Emergency Response Services	The following captures Project-related emergency response demand at the work site and Cedar Valley Lodge during Q3 2021: <ul style="list-style-type: none"> • 18 ambulance service calls • No fire department service call • 25 RCMP calls • No medical evacuations One meeting was held during Q3 2022 to coordinate emergency response.	The Project limited direct demand for local emergency services by implementing the workers Code of Conduct and cultural awareness training, Emergency Response Plans, the SAFER Together Program; and providing on-site health and security services at Cedar Valley Lodge.



Table 1 Summary of Direct Project Effects July-September 2022 (Q3 2022)

Social Impact Category	Project Effect	Effectiveness of Mitigations
Utilities – Waste	<p>During Q3 2022 the project produced 2910 metric tonnes of waste and recyclables.</p> <p><u>Within RDKS:</u> 1090.18 MT was sent to Forceman Ridge Landfill. Of that amount 544.63 MT was landfilled 121.26 MT was composted and 424.29 MT was wood waste. 1153.96 MT was recycled within RDKS.</p> <p><u>Outside RDKS:</u> 343.47 MT was landfilled outside RDKS 322.55 MT was recycled outside RDK as well as 25000Litres of used oil.</p>	<p>Efforts are underway to assess the potential strain on regional landfills; develop simplified interfaces between the Project and RDKS Forceman Ridge; and improve Project reporting of key waste streams. LNG Canada is developing an inventory of waste generators and robust Project waste projections to support RDKS planning needs.</p> <p>JFJV has had a waste forecast in place since August 2020 and provides RDKS with updates every quarter.</p>

1.2. Summary of SMR Working Group Sessions

On November 22nd, LNG Canada and its prime contractor JGC Fluor BC LNG Joint Venture (JFJV) convened its Q3 2022 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 (including Childcare)
2. Community Health
3. Traffic & Emergency Response

Participants representing a total of 16 service organizations, First Nations, government agencies, and stakeholder groups joined the LNG Canada Project team virtually to ask questions and to provide feedback and insights (47 total participants). Actions can be found in Table 3.

2. Introduction

This interim quarterly update provides an overview of Project activities during Q3 2022 (July 1–September 30) and summarizes Project-specific metrics and community feedback to help the Project assess the 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 November 22nd, 2022.



3. Project Update

3.1. Construction Update

The LNG Canada Project (Phase 1) is anticipated to take approximately five-years to complete. The initial three years of Project construction focuses on site preparation and the construction of the Cedar Valley Lodge (worker accommodation), LNG tank and the marine terminal. Major construction commenced in 2022, involving assembly of the LNG plant and associated components. The following construction timeline and update were provided to SMR participants at the November 22nd meeting.

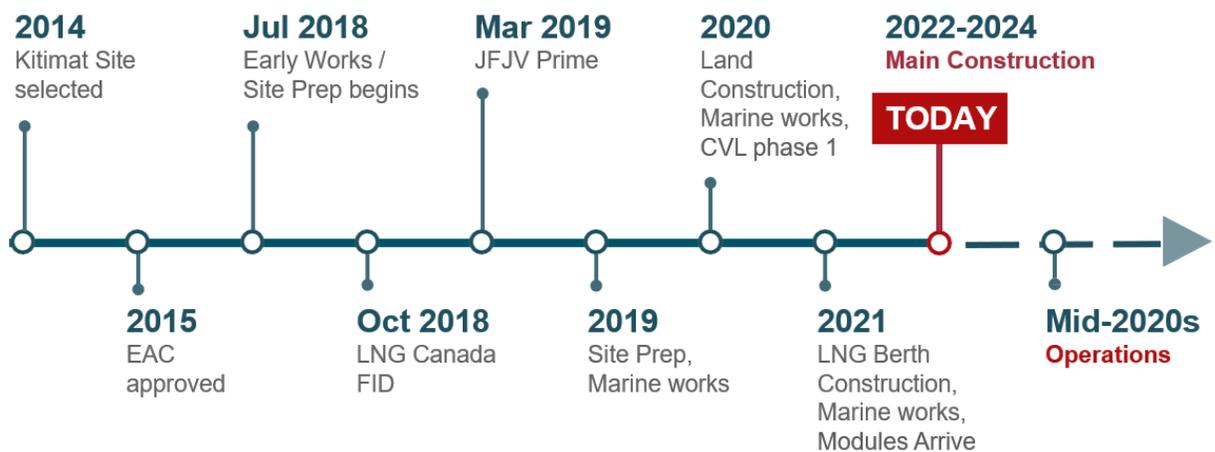


Figure 1 Project Timeline

During Q3 2022, significant advancements occurred in completing the underground infrastructure and building upwards. Several construction milestones were achieved in Q3 2022, while a number of activities were ongoing into 2022 as follows:

Highlights to Date (as of Q3 2022):

- Overall site construction at 60% completion
- Train 1 LNG processing modules placed
- Substantial completion of underground activities
- Structural steel completion on Cooling Tower 1 and pumps
- LNG Canada administration building completed and occupied
- Module lift and placement on LNG Storage Tank
- Began construction of Liquid Burner Flare Derrick (60 m)
- Received first gas turbine and compressor for Train 1

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Ongoing Scopes of Work continuing into Q4 2022:

- Completion of trestle
- Ongoing construction of LNG berth
- Receive and place Train 2 modules
- Begin construction of Vapour Flare Derrick (122 m)
- Completion of River Water Intake and Pumphouse

The following images capture a range of site construction activities as of Q3 2022:



Figure 2 **LNG Canada Site (Q3 2022)**



Figure 3 LNG Canada Site (Q3 2022)

3.2. Project Workforce

During Q3 2022, the Project employed a peak of 5,701 people in the month of September. This workforce is higher than the total number of workers at the job site each day because this figure includes local and non-local workers on rotation in Kitimat, along with workers currently off rotation and newly hired workers mobilizing to site.

The 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, which can place demands on infrastructure and services. During September 2022, about 3,020 non-local Project workers were staying on-site at Cedar Valley Lodge. In July, a peak of 669 workers from local communities were employed by the Project, commuting daily from their local area residences. In 2022, apprentices accounted for approximately 13% of the workforce. Local Indigenous workers accounted for approximately 38% of Indigenous hires in September 2022. The Project has continued to limit the number of relocated workers and families provided with housing in Kitimat, with 99 relocated Project staff accompanied by 67 children at the end of Q3 2022.

3,020
Non-Local Workers (at CVL)

99
Relocated Project staff



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 Plan during construction of the Project. LNG Canada will review its engagement mechanisms on an ongoing basis and revise if needed. Table 2 outlines a range of engagement activities carried out by LNG Canada and its prime contractor, JFJV, during Q3 2022. These activities are complemented by routine and frequent engagement with Indigenous groups, community organizations, and local governments, including key authorities and planning focal points.

Table 2 Project Activities Community Engagement during Q3 2022

Engagement Type	During Q3 2022
Community Feedback Process	From Q1-Q3 2022, there were 3,045 inquiries, concerns, and complaints, including 12 concerns or complaints. ¹
Project Website and Facebook page	www.jfvkitimat.com for online construction updates, employment and contract opportunities. Follow JFJV Kitimat on Facebook.
Project Resource Centre	Walk-in Project information centre located in Kitimat mall is open Mon–Fri during regular business hours. It is closed on weekends and statutory holidays.
Social Management Roundtable	Q3 2022 SMR meeting was held virtually November 22, 2022 (three working groups with participants representing 16 service providers, First Nations, government agencies and stakeholder groups).
Open House	LNG Canada hosted two open houses in Q3 2022: <ul style="list-style-type: none"> September 28 in Terrace at Terrace Sports Complex September 29 in Kitimat at Riverlodge Recreation Centre

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 Haisla members and 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.



¹ Seven of the 12 concerns were related to traffic. All complaints were addressed within 10 business days.



During the month of September 2022, 5,701 people were employed to work on the LNG Canada Project in Kitimat, of which 625 were local area workers, 681 women and 354 Indigenous workers. In 2022, apprentices accounted for approximately 13% of the workforce. Of the 354 Indigenous workers, 38% of the Indigenous workforce identified as local².

CONTRACTING & PROCUREMENT

The Project places a priority on contracting and procurement with Haisla and other Indigenous-owned businesses and local area businesses. As of September 2022, LNG Canada, and its contractors and subcontractors, have awarded over \$3.8 billion CAD in contracts and procurement to business in British Columbia. Of this amount, over \$3.0 billion CAD has been awarded to First Nations-owned businesses and local area businesses.

\$3.8 Billion
BC Contracts

\$3.0 Billion
First Nations & Local Contracts

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. More information about LNG Canada's social investment process can be found at: www.lngcanada.ca/about-lng-canada/social-investment-in-the-community/

Since 2019, JFJV has also contributed community funding to support a range of philanthropic initiatives. More information about the JFJV community funding process can be found at: www.jfvkitimat.com/community-investment.

WORKFORCE DEVELOPMENT

The LNG Canada Project has invested in workforce development programs to build skilled trades in BC since 2012, with efforts to increase the number of apprentices, including women, local residents and Indigenous people working in the construction industry. Several initiatives are underway in 2022, including:

- JFJV Introduction to Industrial Construction Boot Camp – Boot Camp for local communities and Indigenous Groups. The next JFJV Boot Camp is from November 14th to December 9th in Terrace, BC.
- Connect (job placements in construction sector, barrier removal) - 502 local area BC residents placed into construction jobs.

² Haisla Nation, Kitselas First Nation, Kitsumkalum First Nation, Gitxaala Nation, Gitga'at First Nation, Lax Kw'alaams Band, and Metlakatla First Nation

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- Intake highlights:
 - 57% Indigenous
 - 22% women
 - 56% of the women were Indigenous
- Trades Training Fund (apprentice training) – Creates trades training and work placement opportunities. Engaged and trained over 1,600 apprentices in construction trades careers in BC; amended to include Early Childhood Educator (ECE) training in northern BC in 2022.
- Power Engineering Readiness Program – Ran in partnership with Coast Mountain College and BCIT from January to June 2022. Program to upskill students for entry into Power Engineering Program. 18 locals participated in the program. 4th Class Power Engineering Program is running from September 2022 to June 2024 with 18 locals participating in the program.



6. Social Management Plans

6.1. Housing and Accommodations (including Childcare)

The Project has implemented or continued the following measures to manage Project-direct effects on housing and accommodations during Q3 2022:

- Local-hire first policy
- No living Out Allowances (LOA) provided to the workforce
- Built and operate Cedar Valley Lodge accommodation centre, to house non-local workforce on-site
- Require all contractors and subcontractors performing work on-site to hire any non-local workers on a rotational basis (primarily 14 days on/7 days off), with travel (with charter flights provided from multiple hubs), meals, and accommodations provided by the Project to encourage workers to maintain their home base outside the region
- Limit the number of employees relocating to Kitimat with accompanying partner and/or children and provide accommodations through company-provided housing
- Share housing plans with the District of Kitimat

In Q3 2022, all non-workers were housed on site at Cedar Valley Lodge. Cedar Valley Lodge has a total capacity to 4,500 beds. As of September 2022, the total number of relocated workers with families was 99. LNG Canada has started hiring for the operations phase of the Project. Individuals and families will be moving into the area and seeking their own permanent housing.

6.1.1. Trends and Qualitative Feedback

A summary of housing and childcare trends and qualitative feedback shared during interviews with community service providers in Q3 2022 is provided below:

- Occupancy rates at Tamitik Status of Women (TSW)'s Dunmore Place Transition House have been at an all-time high, the highest it has been in its 25 years of operations, with an average occupancy of 117% in 2022 (TSW 2022).
- BC Housing's funding for hotel rooms to support overflow ended in June 2022 and TSW has been using federal funding to support women and children's access to hotel rooms; however, hotel rates have been increasing and vacancy rates have been decreasing, making it increasingly difficult to shelter clients (TSW 2022).
- Turn-away numbers continue to be elevated (TSW 2022).
- TSW partnered with the DOK to more-than-double their Day Use Shelter and Food Share Program's previous capacity (TSW 2022).
- TSW has begun to garner interest and recruit staff to operate its mixed-use housing project, which is currently under construction (TSW 2022). The mixed-use housing project will include an 18-bed transition house (12 beds, 6 cribs), 10 second stage housing units, 20 affordable housing units, and 24-hour childcare facility (TSW 2022).
- In Q3 2022, the Ksan Residence and Shelter (KRS) shut down during the day for a few weeks due to a lack of staff (Ksan Society 2022). The KRS is looking to hire more staff to support both the shelter and its current staff (Ksan Society 2022).



- The Capacity Expansion Shelter (CES) received temporary funding to operate for the year, and it will transition into an Emergency Weather Response Shelter in November (Ksan Society 2022). The Ksan Society noted a trend of some construction workers utilizing the CES during their shift work rotation (Ksan Society 2022).
- There has been a notable trend of individuals relocating to Terrace for a number of reasons, including to look for employment opportunities and to access resources not available in the surrounding communities (Ksan Society 2022).
- The Ksan Society has observed an overall increase in substance abuse in the community; an observation that was supported by the BCEHS who noted both a rise in substance abuse and an increase in the toxicity in the illegal drug supply of the community (Ksan Society 2022). All of the Ksan Society's facilities have harm reduction supplies on-site (Ksan Society 2022).

6.1.2.SMR Discussion

During the working group session, the District of Kitimat shared an update regarding Early Childhood Educators (ECEs) in the community. Over the last five months, cross-sectorial dialogues regarding ECEs have identified two immediate actions for the District of Kitimat: hire an ECE Coordinator and complete a strategic plan for ECEs in the District. The work plan includes convening and establishing a formalized, cross-sectorial working group of ECE providers and key stakeholders to focus on a coordinated, targeted, and sustained approach to address current and future ECE issues/opportunities; coordinate the working group to action immediate funding opportunities prudent and a priority; and work with a consultant to assist the working group and other key stakeholders in developing an ECE strategic plan for the community for three to five years. The District of Kitimat also shared an update regarding its Housing Action Plan and Needs Assessment (HAPNA) Alignment Initiative. The HAPNA was approved in March 2020, just ahead of the announcement of the COVID-19 pandemic. Since March 2020, there has been a number of changes and events that have occurred, including: COVID-19; climate events; changes in industry footprint in the community; global economic downturn; geopolitical instability affecting supply chains; demographic changes; increase in opioids and illicit drug issues; changes in dynamics of homelessness; and new opportunities for alignment with provincial and federal governments. A staff review of the HAPNA was initiated in fall 2022 and the newly elected Major and Council will workshop the HAPNA, expected in January 2023.

The LNG Canada Project Team gave a presentation regarding the Project's Permanent Housing Strategy. The two pillars of the Project's Permanent Housing Strategy include new developments and investment in existing infrastructure. The Project will, as appropriate and practical, support the building of new developments to meet the housing demand required to accommodate the diverse needs of those who are moving to Kitimat. The strategy focuses on leveraging existing lots and repurposing existing infrastructure in Kitimat to align with LNG Canada employee needs. A question was asked regarding leasing existing units and whether there was any availability in Terrace. The LNG Canada Project Team clarified that they are working with developers to construct housing so that existing units are not taken off the market. The LNG Canada Project Team further clarified that these new units will be standard construction that will go back into the market at the end of the lease terms.

TSW provided SMR participants with an update. One participant asked what factors are bringing women and children into the Dunmore Place Transition House. TSW said that abuse and violence escalate if people cannot adapt their



needs to their income, which is seen on other industrial projects. Those tensions escalate and translate into abusive relationships. In addition, the COVID-19 pandemic led to increased isolation of women in abusive relationships and those who left abusive relationships. SMR participants acknowledged the work service providers are doing to help people experiencing homelessness in the community.

Trends identified by stakeholders for Q3 2022 were discussed. The SMR identified a number of suggestions to help track and manage changes in housing & accommodations in the region (see Section 7, Table 3). No additional Project mitigation measures were identified in the SMR meeting.

6.2. Community Health

The Project has taken the following actions regarding Community Health during Q3 2022 to minimize direct impacts on local and regional health care services and to promote community cohesion:

- Full range of medical services provided at Project site and Cedar Valley Lodge
- Communication and coordination with Kitimat General Hospital with regular check-ins with Mills Memorial Hospital
- Workers at site receive training and must sign a Code of Conduct and complete Cultural Awareness Training; consequence management is enforced
- During site orientation all workers receive information about available health services and how to access medical care and health programs
- Implementation of Health & Medical Services Management Plans, including health promotion, a mental health coordinator, worker wellness (including mental health), infectious disease prevention and outbreak controls

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

In Q3 2022, the Project had 12 occupational injuries and 43 non-occupational injuries requiring treatment in local hospitals. A total of 16 notifications to health authorities for occurrence of communicable illnesses/diseases were recorded for Q3 2022.

6.2.1. Trends and Qualitative Feedback

A summary of community health trends and qualitative feedback shared during interviews with some community service providers in Q3 2022 is provided below:

- Mills Memorial Hospital Emergency Department physicians brought forward nearly a dozen examples over a two-week period (late May-early June) where the patient was an industrial worker (Northern Health 2022).
- Physicians are reporting an overall increase in transfers from industrial sites (averaging two or more per day) (Northern Health 2022).



6.2.2. SMR Discussion

During the working group session, Northern Health provided SMR participants with an update. The LNG Canada Project Team responded to Northern Health's concerns by acknowledging that the Northern Health visit in December 2022 can be used to better understand these concerns and adjust the current processes that are in place so that they function as intended.

Trends identified by stakeholders for Q3 2022 were discussed. No additional actions items or Project mitigation measures were identified in the SMR meeting.

6.3. Traffic & Emergency Response

6.3.1. Traffic

The Project has implemented the following mitigation measures during Q3 2022 to manage Project-direct effects on road and air traffic:

- Continued charter flight services that have been in place since the end of 2019
- Ongoing coordination with Northwest Regional Airport
- Current charter flight activity:
 - Vancouver, Kelowna, Nanaimo, Prince George, Calgary, Edmonton, Winnipeg, Halifax, St. John's charter hubs
 - In August, JGC Fluor expanded its charter service to Winnipeg, Halifax and St. John's to meet the labour demands of the LNG Canada Project with Canadian workers. This helped access the labour availability for high-demand trades such as welders, iron workers and pipefitters.
 - Currently at 20 flights per week (approximately 1,750 workers in/out each week)
- Minimize road traffic and interaction with local traffic and wildlife
 - Equipment and materials delivered by water where possible, minimizing truck volumes
 - Workers reside onsite at Cedar Valley Lodge, minimizing offsite transfer of personnel
 - Personnel transported via shuttles to and from site with pick-up points in Terrace and Kitimat (airport, lodges)
 - In Vehicle Monitoring System (IVMS) to promote safe driving behavior of workers
- Parking offsite
 - Local workers must use Park 'n Ride locations in Kitimat, Haisla Village, Terrace
- Traffic planning, forecasting and registration
 - Road transport coordinated with MOTI and DOK (permits, forecast deliveries, scheduling)
 - Planning efforts underway with multiple agencies to assess potential Hwy 37 motor vehicle incident scenarios
- Monitoring
 - Actual Project traffic volumes tracked and assessed against forecast and impact models



- Community monitoring of changes to Hwy 37 use (MOTI) and DOK studies

In Q3 2022, the Project recorded 25 road transport-related incidents and near misses.

6.3.2. Emergency Response

The Project implemented the following mitigation measures to manage Project-direct effects on emergency response services during Q3 2022:

- Site Emergency Response Plans in place, developed with inputs from KFAS
- JFJV leads primary emergency response at site. Resources include fire engine (1500 gpm pump with 750-gallon water tank with foam), medical response vehicle, fire fighters, two paramedics, and three advanced care paramedics
- SAFER Together Program to reinforce a safety mindset based on four pillars with a strong foundation of caring for people
- All site personnel are required to sign off on the Worker's Code of Conduct and complete Cultural Awareness Training
- Regular Project engagement with RCMP and First Responders
- Scenario planning:
 - Environment – spill response
 - Fire and rescue
- Emergency Response Team:
 - Working relationships with Kitimat and Terrace Fire Departments
- Medical Service: ISOS clinics at Cedar Valley Lodge and on-site
- Relationship with regulators:
 - District of Kitimat and the Ministry of Transportation and Infrastructure

In Q3 2022, the Project recorded 18 incidents requiring ambulance service calls to site and 25 RCMP service calls. No fire department service calls to site or medical evacuations from site were required. Five meetings were held with external agencies to coordinate emergency response during Q3 2022.

6.3.3. Trends and Qualitative Feedback

A summary of traffic & emergency response trends and qualitative feedback shared during interviews with some community service providers in Q3 2022 is provided below:

- There was an increase in calls for service to the Kitimat RCMP detachment in Q3 2022; however, calls began to decrease in September (Kitimat RCMP 2022).
- The Kitimat RCMP detachment is currently fully staffed (Kitimat RCMP 2022).
- There was an increase, year-over-year, in medical assistance/response calls for service to the Terrace Fire Department (TFD) in 2022; however, calls began to decrease in September (TFD 2022). This is likely due to the increase in hiring of paramedics in the communities of Prince Rupert and Terrace, which has decreased the need for TFD to be dispatched for medical assistance (TFD 2022).



- The TFD is focused on planning (i.e., emergency management) and training their crews (TFD 2022). An additional four recruits are being trained as volunteer members (TFD 2022).
- Calls for service to the Terrace RCMP detachment have been steady, with no notable increases in due to the general increase in activity in the community, except for the occasional protest (Terrace RCMP 2022).
- The Terrace RCMP detachment is currently well-staffed (Terrace RCMP 2022).
- BC Emergency Health Services (BCEHS) added 10 new, full-time positions in Prince Rupert and Terrace (BCEHS 2022).
- In Q3 2022, in partnership with multiple agencies including Insurance Corporation of British Columbia (ICBC), the Justice Institute of BC, and WorkBC, the BCEHS began a Primary Care Paramedic (PCP) training program in Prince Rupert (BCEHS 2022). The PCP training program sets up participants with all the requirements to become fully licensed Emergency Medical Responders (BCEHS 2022). The PCP training program was fully funded for participants and set to be completed in October 2022 (BCEHS 2022). In total, there were 12 funded-positions available to participants (BCEHS 2022). Participants were recruited from northwest communities (from Hazelton to Prince Rupert) (BCEHS 2022).
- The BCEHS' union is currently negotiating its collective agreement (BCEHS 2022). Its negotiations are focused on bettering its staff's working conditions and fine tuning its Schedule On-Call staffing model, which was implemented in October 2021 (BCEHS 2022).

6.3.4.SMR Discussion

During the working group session, a question was raised regarding whether or not the Project has considered inviting stakeholders and Indigenous Groups to an emergency response scenario demonstration. The LNG Canada Project Team responded yes, and this is a key part of the evolution of emergency and training exercises. It was also added that under its permits and requirements of the BC Oil and Gas Commission and other regulators, the Project is required to hold emergency response drills before the operation of the Project. The LNG Canada Project Team said stakeholders will be invited to attend as participants, or as observers, to prepare for an emergency should there ever be a need for response. One question was raised regarding BCEHS' PCP training program and whether the participants are included in the 10 new, full-time positions in Prince Rupert and Terrace. It was clarified that the PCP training program will hire participants who pass the program requirements, on a casual, part-time basis. Those positions are separate from the 10 new, full-time positions.

Trends identified by stakeholders for Q3 2022 were discussed. The SMR identified a number of suggestions to help track and/or manage changes in traffic & emergency response in the region (see Section 7, Table 3). No additional Project mitigation measures were identified in the SMR meeting.



7. SMR Summary and Actions

Participants representing 16 service organizations, 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 addressed in the last quarterly reporting cycle and are now closed out; those that remain open; and new items identified during meeting that took place November 22nd, 2022. Items identified as closed will be removed from tracking table and will be summarized in the annual 2022 CLISMP report.



Table 3 Status Update on SMR Working Group Action Items

#	Working Group	Responsible Party	Action	Status
2022-Q1-3	General	LNG Canada Project Team	Follow up with Ministry of Jobs, Economic Recovery, and Innovation regarding how the data provided in the pre-read aligns with what is happening at site.	Closed 09/20/22. Project team met with Martin Stegman on September 19 th .
2022-Q3-1	General	LNG Canada Project Team	Follow up with Kitselas Nation regarding worker turnover among Indigenous workers.	Open 11/22/22.
2022-Q3-2	General	LNG Canada Project Team	Provide breakdown of local women in the workforce and worker turnover amongst local workers.	Open 11/22/22.
2022-Q3-3	General	LNG Canada Project Team	Provide retention details for the JFJV Bootcamp with Northern Health.	Open 11/22/22.
2022-Q3-4	General	LNG Canada Project Team	Distribute Kitselas' Community Health report to SMR participants.	Open 11/22/22.
2022-Q2-1	Housing & Accommodations	LNG Canada Project Team	Consider including information on the number of Indigenous and women workers who are local in future reporting.	Closed 11/16/22. Information pertaining to local Indigenous workers included in pre-read. Data regarding local women is not available.
2022-Q3-5	Housing & Accommodations	LNG Canada Project Team	Consider including information regarding landing accommodations in future reporting.	Open 11/22/22.
2022-Q3-6	Housing & Accommodations	LNG Canada Project Team	Consider including workforce asset update and permanent workforce projections.	Open 11/22/22.
2022-Q3-7	Housing & Accommodations	LNG Canada Project Team, City of Terrace, and Ministry of Municipal Affairs and Housing	Follow up with the City of Terrace and Ministry of Municipal Affairs and Housing regarding a thought partnership about shelters.	Open 11/22/22.



2022-Q2-2	Housing & Accommodations	LNG Canada Project Team and City of Terrace	Follow up with City of Terrace regarding how Coast Mountain College courses could be used as an opportunity to collaborate on a training program to increase local skills. Apply learnings from Power Engineering Readiness Course to certifications for other trades.	Open 11/16/22.
2022-Q2-3	Housing & Accommodations	LNG Canada Project Team	Consider how to communicate long-term planning and operations decisions.	Open 11/16/22.
2022-Q2-5	Community Health	LNG Canada Project Team	Provide additional information at next SMR regarding Worker's Code of Conduct, respect in the workplace policies, and procedures on filing complaints.	Closed 11/22/22. Code of Conduct was included with pre-read on November 16 th . Additional information will be provided during Community Health session.
2021-Q4-2	Community Health	LNG Canada Project Team	Provide additional social health data (e.g., mental health, emotional well-being) to supplement community health data.	Open 11/16/22.
2022-Q2-4	Community Health	LNG Canada Project Team	Follow up with Northern Health regarding on-site statistics for overdose, sexual assault, and substance use management programs used at other workforce accommodation centres.	Open 11/16/22.
2022-Q1-8	Traffic & Emergency Response	DOK, COT, EMBC, LNGC Secretariat	Discuss who is responsible for convening stakeholders for regional emergency planning and provide an update at the next SMR.	Closed 09/14/22. Meeting was held on September 21 st .
2022-Q2-6	Traffic & Emergency Response	LNG Canada Project Team	Follow up with the Ministry of Jobs, Economic Recovery and Innovation regarding the charter hub expansion.	Closed 11/16/22. Information provided below.



2022-Q2-7	Traffic & Emergency Response	LNG Canada Project Team	Follow up with Kitsumkalum First Nation to provide data on fly-in workers that have to spend the night in Terrace and how their transportation to and from the airport is accommodated.	Closed 11/16/22. Information provided below.
2022-Q2-8	Traffic & Emergency Response	LNG Canada Project Team	Follow up with the Ministry of Jobs, Economic Recovery and Innovation regarding clarification on bus data and the definition of a roundtrip.	Closed 11/16/22. Information provided below.
2022-Q2-9	Traffic & Emergency Response	LNG Canada Project Team	Provide information on how LNG Canada works with MOTI on highway management.	Closed 11/16/22. Information provided below.
2022-Q2-10	Traffic & Emergency Response	LNG Canada Project Team and KFAS	Connect with Kitsumkalum First Nation to discuss overdose response planning.	Close 12/20/22. Project Team will connect with Kitselas separately from SMR pertaining to this request.
2022-Q2-11	Traffic & Emergency Response	LNG Canada Project Team	Provide information on marine transportation planning and incident response.	Open 11/16/22.

Details for Action Items Notes Above:

Action
2022-Q2-6: In August, JGC Fluor expanded its charter service to Winnipeg, Halifax and St. John's to meet the labour demands of the LNG Canada Project with Canadian workers. This helped access the labour availability for high-demand skilled trades such as welders, iron workers, and pipefitters.

Action
2022-Q2-7: In the event that JFJV is unable to fly workers out, due to weather or other unforeseen circumstances, they will be transported back to Cedar Valley Lodge by bus for the night. If weather conditions are too unsafe or unpredictable to transport workers to and r from the Northwest Regional Airport, charter flights (in and out) and busing will be cancelled.

Action
2022-Q2-8: One trip is considered a round trip (e.g., from the Project site to the Northwest Regional Airport and return).

Action
2022-Q2-9: The LNG Canada Project works with MOTI on highway management in a number of ways including:

- The Project implements a Traffic Management Plan, in accordance with Environmental Assessment Certificate Condition 16, which was developed in consultation with MOTI. A

Joint venture companies



commitment made during the development of this Plan was to issue both the DOK and MOTI a “bi-weekly” look-ahead with forecaster truck deliveries, for transparency on upcoming traffic through the District.

- Seeks MOTI’s approval on over-dimensional loads.
- The Project’s busing contractor, First Canada, communicates directly with MOTI on highway-related transportation/safety matters and keeps JGC Fluor informed.
- Any complaints received related to MOTI will be shared with the Ministry.

7.1. Next SMR Meeting

The next SMR meeting is planned to take place on February 22-23, 2022 (face-to-face) for the comprehensive Q3-Q4 2022 monitoring period. Dates for all planned SMR sessions taking place in 2023 will be provided in Q1 2023.



8. References

British Columbia Emergency Health Services [BCEHS]. 2022. Personal Communications. British Columbia Emergency Health Services Q3 2022 Trends.

Kitimat Royal Canadian Mounted Police [Kitimat RCMP]. 2022. Personal Communications. Kitimat Royal Canadian Mounted Police Q3 2022 Trends.

Ksan Society. 2022. Personal Communications. Ksan Society Q3 2022 Trends.

Northern Health. 2022. Personal Communications. Northern Health Q3 2022 Trends.

Tamitik Status of Women [TSW]. 2022. Personal Communications. Tamitik Status of Women Q3 2022 Trends.

Terrace Fire Department [TFD]. 2022. Personal Communications. Terrace Fire Department Q3 2022 Trends.

Terrace Royal Canadian Mounted Police [Terrace RCMP]. 2022. Personal Communications. Terrace Royal Canadian Mounted Police Q3 2022 Trends.



Appendix A Q3 2022 SMR PARTICIPANTS

Table A.1 Q3 2022 SMR Participants

Community	Organization	Attendees
Project Team	LNGC	Morganne von Schleinitz (Social Performance), Miranda Ross (Stakeholder Relations), Rob Simpson (HSSE), Brad McFadzean (HSSE), Robyn Fortier (Real Estate), Vince Kenny (Construction Manager), Craig Hallden (Stakeholder Relations and Social Performance), Hope Regimbald (Stakeholder Relations), Collette Melo (HSSE)
	JFJV	Christina Crawford (External Affairs), Jordan Keim (External Affairs and Indigenous Relations), Kathy Doyle (External Affairs), Uzo Ojimadu (External Affairs), Bob Gallant (HSSE), Ian Swanbeck (Deputy Construction Director), Lori Janson (Project Communications and External Affairs)
	Support	Megan Macdonald (Stantec), Katie Shaw (Earnscliffe Strategies), Manan Kohli (Earnscliffe Strategies)
Indigenous Groups	Kitselas	Pat Squires
	Haisla	Alex Grant Jr., Teena Grant
	Gitga'at	Christa Meuter
Kitimat	District of Kitimat	Warren Waycheshen
	Kitimat Chamber of Commerce	Laurel D'Andrea
	Kitimat Community Services Society	Cyndi McIntosh
	Tamitik Status of Women	Michelle Martins
Terrace	City of Terrace	Linda Stevens, Maggie Hall
	Terrace Fire Department	Dave Jephson
Regional District Kitimat-Stikine	Regional District Kitimat-Stikine	Lina Gasser
	Coast Mountain Board of Education School District 82	Aaron Callaghan
Province of BC	LNG Canada Implementation Secretariat	Darren Beaupre, Leonard Cook, Maegan Cox, Joe Masi, Conan Winkelmeier, Holly Tally
	Northern Health	Chelan Zirul
	Ministry of Municipal Affairs and Housing	Kris Nichols, Brynn Warren, Ron Burtleson, Cimarron Corpe, Kylie Sandham
	Ministry of Transportation and Infrastructure	Nathan Voogd, Bryan Crosby
	Ministry of Public Safety and Solicitor General	Evelyn Kalman



Appendix B PROJECT REPORTING Q3 2022

Table B.1 LNG Canada Project Metrics—Housing & Accommodations

Housing & Accommodations (also Education, Amenities)	June	July	August	September
Project local (resident) workforce	645	669	625	625
Project non-local workforce—temporarily housed at Open Lodges and Cedar Valley Lodge ³ (average beds)	2,759	2,833	2,858	3,020
Project staff re-located to Kitimat, presently staying in company provided housing	69	85	92	99
Accompanying partner or spouses of relocated Project staff	35	45	49	53
Accompanying school-aged children of relocated Project staff	42	54	65	67
Number of housing related concerns or complaints	0	1	0	0

SOURCES: CIMP Reports (JFJV); LNGC-reported CLISMP data

³ Non-local workforce housed at Cedar Valley Lodge during the reporting period.



Table 2 LNG Canada Project Metrics—Traffic

Traffic	June	July	August	September
Number of daily Project bus trips ⁴ from Northwest Regional Airport (YXT) to Kitimat (avg. passengers / day)	13 (191)	12 (184)	12 (203)	12 (313)
Number of daily Project bus trips from Terrace Park 'n Ride to Kitimat (avg. passengers / day)	23 (71)	22 (67)	21 (64)	22 (72)
Number of daily Project bus trips from Kitimat and Kitimaat Village Park 'n Ride to Site (avg. passengers / day)	17 (157)	15 (140)	12 (124)	15 (155)
Number of road transport-related incidents and near misses	3	3	14	8
Number of Project personnel on commercial flights through airport per month	645	345	466	509
Number of Project personnel on charter flights	5,294	5,417	6,565	6,022
Provision of Project transportation plans to transportation authorities	0	0	0	0
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	0	1	1
Number of traffic related concerns or complaints	0	1	0	1

SOURCES: CIMP Reports (JFJV); LNGC-reported CLISMP data

⁴ One trip is considered a round trip (e.g., from the Project site to the Northwest Regional Airport and return).



Table 3 LNG Canada Project Metrics—Emergency Response & Health

Emergency Response & Health ⁵	Q2 2022	July	August	September
Number of ambulance service calls to site	15	18		
Number of fire department service calls to site	0	0		
Number of RCMP service calls to site	9	25 ⁶		
Number of meetings held to coordinate and plan emergency response	2	0	0	1
Number of emergency response related concerns or complaints	0	0	0	0
Number of workplace occupational injuries and illnesses requiring treatment at local hospitals	10	12		
Number of workplace non-occupational injuries and illnesses requiring treatment at local hospitals	43	43		
Number of workplace injuries or illnesses requiring medevac	0	0		
Number of recordable occupational injuries	5	7		
Number of non-occupational visits to onsite medical clinics	5,390	3,370		
Number of notifications to health authorities for occurrence of communicable illnesses/diseases	14	16		
Percentage of worked who have signed the Worker Code of Conduct	100%	100%	100%	100%
Percentage of workers who have completed Cultural Awareness Training ⁷	100%	100%	100%	100%
Number of community health related concerns or complaints	0	0	0	0

SOURCES: CIMP Reports (JFJV); LNGC-reported CLISMP data

⁵ Health & Emergency Response metrics are compiled from 2 sources: JFJV site (including Cedar Valley Lodge) and LNG Canada (contractors delivering Company Provided Items)

⁶ Increase in calls is due to exercises and introductions between new staff; calls tied to an incident at site did not increase.

⁷ Cultural Awareness Training can be completed within 30 days of attending Orientation. In order to teach in a meaningful way JFJV has capped the class size at 30 people. A process is in place to ensure all workers complete this training.

Table 4 LNG Canada Project Metrics—Utilities⁸

Waste Streams			
(All waste values in metric tonnes unless otherwise stated)	July	August	September
Waste Sent for Recycling			
Cardboard	27	28	247
Metal	181	293	714
Plastic	1.72	1.87	7.1
Paper	2.26	2	10
Electronic Waste	1	1	4
Concrete	244	512	382
Asphalt	6,660	321	6,691
Total	7,117	1,159	8,055
Cedar Valley Lodge Waste and Water Treatment			
General Waste generated at Cedar Valley Lodge	52	65	46
Influent flow rates from Cedar Valley Lodge wastewater treatment (m3/day)	529	633	641
Effluent flow rates from Cedar Valley Lodge wastewater treatment system (m3/day)	567	597	602
Sludge Cake (for compost and re-use)	67.76	73.97	55.14
Non-Hazardous Waste Disposed at Forceman Ridge, RDKS			
Construction & Demolition (C&D) Waste	191.69	81.07	8,881.83
Municipal Solid Waste (MSW)	95.44	85.87	94.11
Treated Wood (includes painted wood)	59.66	84.01	64.43
Clean Wood	167.62	124.93	1,247.91
Organics for compost and re-use (CVL)	34.99	43.38	38.81
Soil as cover	10.33	0	12.51
Concrete	28.56	0	0
Total	588	419	10,340
Hazardous Waste Disposed at Forceman Ridge, RDKS			
Hazardous Waste	0	0	23.03
Waste Disposed at Approved Facilities Outside of the Region			
Non-hazardous waste disposal to approved facilities outside of the region	10	41.16	28.64
Hazardous waste disposal to approved facilities outside of the region (MT)	36.6	226.66	16.3
No. of municipal utility related concerns or complaints	0	0	0

SOURCES: CIMP Reports (JFJV); LNGC-reported CLISMP data

⁸ Waste data will be discussed during Q4 2022 SMR in February 2023.