



SEEMP Status Report No. 4

June to November 2020

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Coastal GasLink Pipeline Project

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Revision Log

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Coastal GasLink Pipeline Project

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Executive Summary

EXECUTIVE SUMMARY

On October 23, 2014, the British Columbia Environmental Assessment Office (BC EAO) issued an Environmental Assessment Certificate (EAC) for the Coastal GasLink Pipeline Project (the Project). The EAC was conditionally issued following the BC EAO's assessment of environmental, social, economic, heritage and health components deemed relevant to the Project.

The Project's EAC includes 33 conditions to address potential adverse effects based on input from Indigenous groups, local communities and resource management agencies during the Environmental Assessment process. Condition 24 describes the requirement to develop a Socio-economic Effects Management Plan (SEEMP).

The SEEMP identifies the Project's approach to implementing mitigation measures during construction to avoid or reduce potential adverse socio-economic effects on regional and community infrastructure and services. These potential effects were presented in the Application for an EAC (Application). The SEEMP also outlines a process for how the effectiveness of mitigation will be monitored and reported. The Project will use an Adaptive Management Process (outlined in Section 6.3 of the SEEMP) during situations where monitoring indicates unpredicted outcomes. Coastal GasLink has committed to preparing and filing semi-annual reports on SEEMP activities for the duration of construction activities.

During this SEEMP reporting period, June to November 2020 (the reporting period), there were no observed adverse effects on regional and community economies, infrastructure or services that would change the predictions of the economy and social assessment presented in the Application. Significant adaptive management strategies were not required for any unanticipated adverse effects on economy, infrastructure and services as presented in the Application.

Coastal GasLink continues to implement COVID-19 safety measures and to support economic recovery based on feedback from Indigenous and local communities. The Project remains focused on the health and safety of our workforce, their families, and Indigenous and local communities.

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1.0 INTRODUCTION

The Socio-economic Effects Management Plan (SEEMP) describes the plan for implementing mitigation to reduce potential adverse socio-economic effects during the Project's construction phase. The SEEMP also describes the approach to monitoring and reporting mitigation effectiveness on community-level infrastructure and services.

As outlined in Section 7 of the SEEMP, Coastal GasLink will submit semi-annual SEEMP status reports directly to the BC EAO, the Ministry of Municipal Affairs and Housing (MMAH) and SEEMP contacts. A final construction monitoring report will be submitted within two years after Project construction is completed. SEEMP status reports will be made publicly available on the Project's website.

This is the fourth SEEMP status report, which describes SEEMP implementation between June and November 2020. Table 1-1 provides a summary of the Project's SEEMP status reports.

Table 1-1: SEEMP Status Reports and Reporting Periods

SEEMP Status Report #	Reporting Period	Date of Issuance
1	November 2018 – June 2019	July 2019
2	July – November 2019	December 2019
3	December 2019 – May 2020	June 2020
4	June – November 2020	December 2020

2.0 PROJECT OVERVIEW

Coastal GasLink is a 670-km pipeline designed to transport natural gas from the Montney gas-producing region, starting near Dawson Creek, B.C. and extending to the LNG Canada facility in Kitimat, B.C. The pipeline will have an initial capacity of approximately 2.1 billion cubic feet per day (bcf/day) with the potential for additional transportation capacity of up to approximately 5 bcf/day.

On October 2, 2018 TransCanada Corporation (now TC Energy Corporation) announced that it would proceed with construction of Coastal GasLink after a decision to sanction the LNG Canada natural gas liquefaction facility in Kitimat was announced by the joint venture participants of LNG Canada. Construction activities began on Coastal GasLink in December 2018 with a planned in-service date in 2023.

The Project is divided into eight pipeline sections and two facilities, the Wilde Lake Compressor Station and the Kitimat Meter Station (see Figure 2-1). Construction is scheduled to enable crews to work in both summer and winter months. Coastal GasLink has awarded contracts to five Prime Contractors to construct the proposed Coastal GasLink Pipeline Project:

- Aecon Group Inc. (Aecon)
- Macro Spiecapag Joint Venture (MSJV)
- Pacific Atlantic Pipeline Construction Inc. (PAPC)
- SA Energy Group (SA Energy)
- Surerus Murphy Joint Venture (SMJV)

Figure 2-1: Coastal GasLink Pipeline Project Route Map



2.1 PROJECT CONSTRUCTION UPDATE

The Project's 2020 summer construction program commenced in July. The workforce peaked at approximately 4,000. Pipe installation began at various points on the project route and construction progressed on the compressor and meter station facilities. Total construction progress was estimated at 23% as of November 30, 2020.

Construction highlights during the reporting period include the following:

- Mainline pipe installation began at Sections 1, 4, 5, 6 and 8.
- Workforce accommodations became operational in all eight sections.
- PAPC assumed responsibility for construction in Section 5.
- In June, Aecon was announced as the Prime Contractor for construction of the Wilde Lake facility.
- In August, Coastal GasLink held a ground-breaking ceremony with the District of Kitimat at the Kitimat Meter Station.
- The Kitimat River trenchless crossing, the Project's first direct pipe installation (DPI), was completed.
- Following engagement with the Nak'azdli Whut'en First Nation, the Project opened the world's largest free-span temporary bridge across Stuart River to provide construction access to the northeastern part of Section 4.
- Tracy Robinson assumed leadership of the Project as the new Coastal GasLink President, in addition to her executive role with TC Energy.

Coastal GasLink Pipeline Project

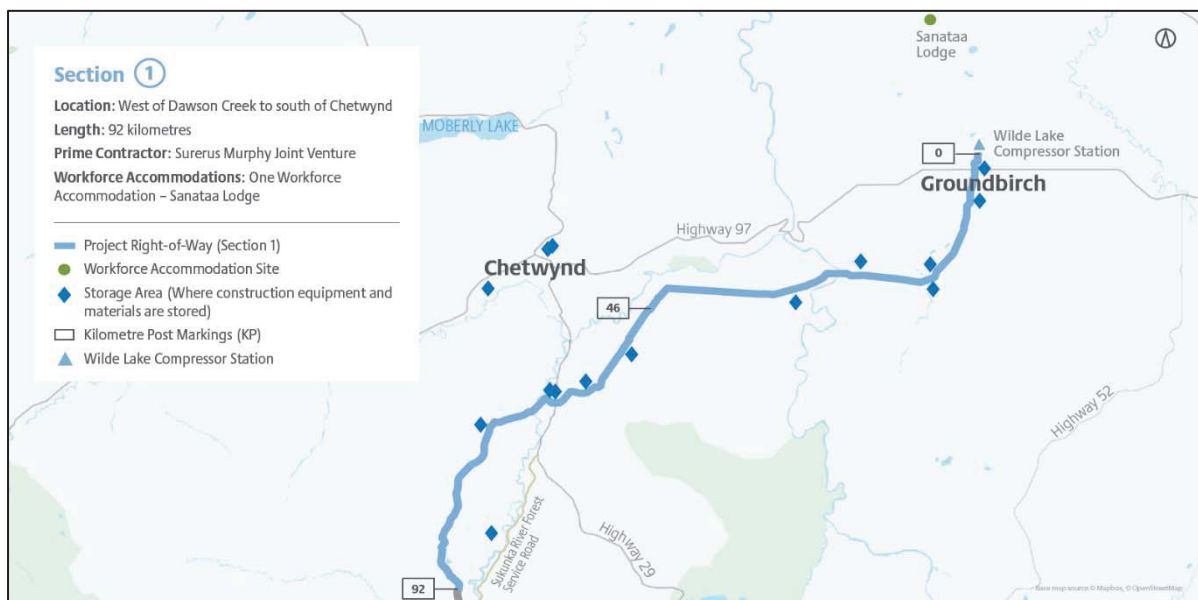
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Section 2
Project Overview**2.1.1 Section 1: West of Dawson Creek to South of Chetwynd**
Prime Contractor: SMJV

Approximately 84% of the project route was cleared, 79% graded and 45% of pipe installation was completed in Section 1. Construction and access work began at the Wilde Lake Compressor Station.

Construction of the Chetwynd Prime Contractor office was completed. Plans for the Chetwynd Lodge were cancelled and workforce use of local commercial accommodations was supported by the City of Dawson Creek and the District of Chetwynd. The Sanataa Lodge workforce accommodation was opened.

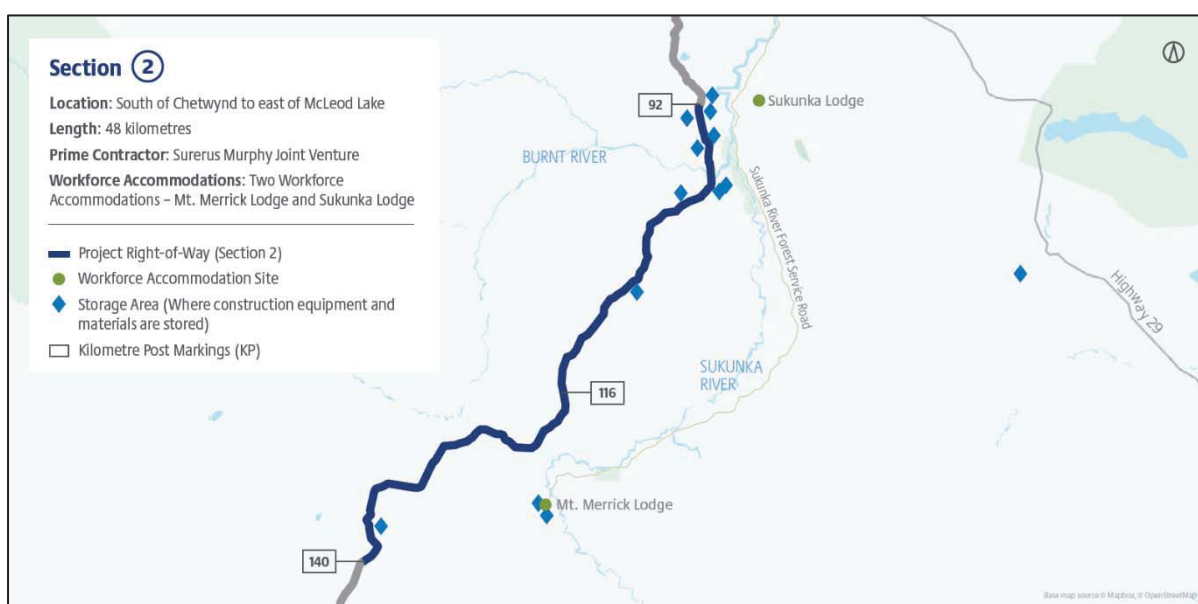
Figure 3-1: Section 1 Map

2.1.2 Section 2: South of Chetwynd to East of McLeod Lake Prime Contractor: SMJV

Approximately 76% of the project route was cleared in Section 2. Access road and bridge upgrading continued in preparation for pipe transport.

The Sukunka Lodge reopened after temporarily closing for spring breakup between May and August and construction began on the Mt. Merrick Lodge.

Figure 3-2: Section 2 Map

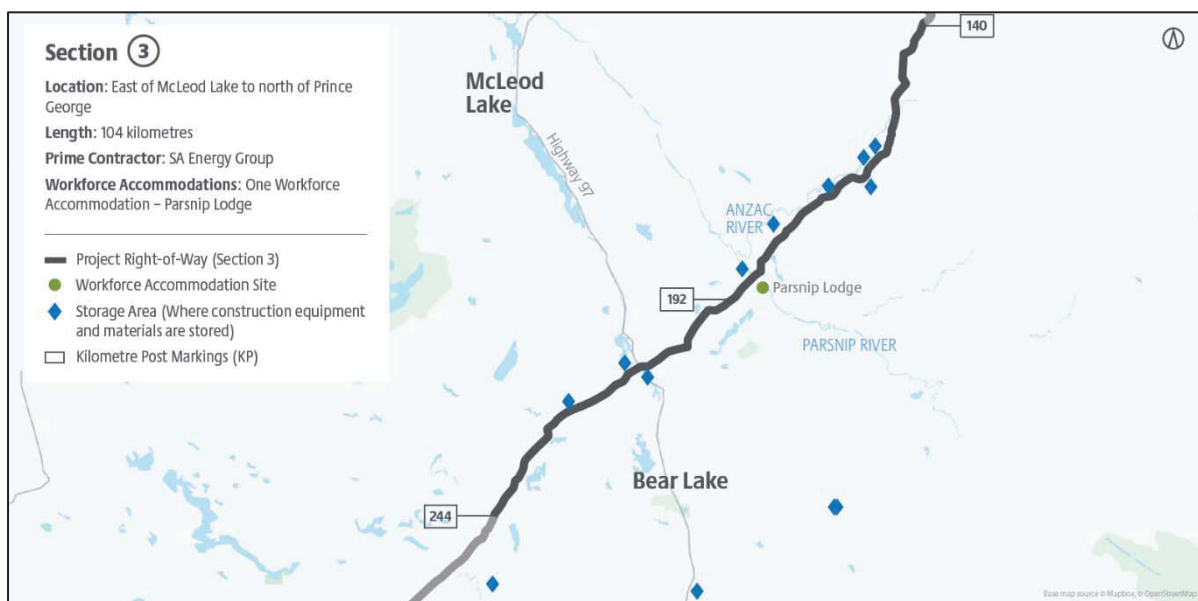


2.1.3 Section 3: East of McLeod Lake to North of Prince George Prime Contractor: SA Energy

The project route is 100% cleared in Section 3. Approximately 11% of grading has been completed. Helipads were built to assist clearing activities and the 9A Stockpile Site underwent restoration and clean-up. The Crooked River DPI was completed in November.

The 5B Lodge temporary site was decommissioned and the Parsnip Lodge expanded its facilities in preparation for the pipe installation workforce.

Figure 3-3: Section 3 Map

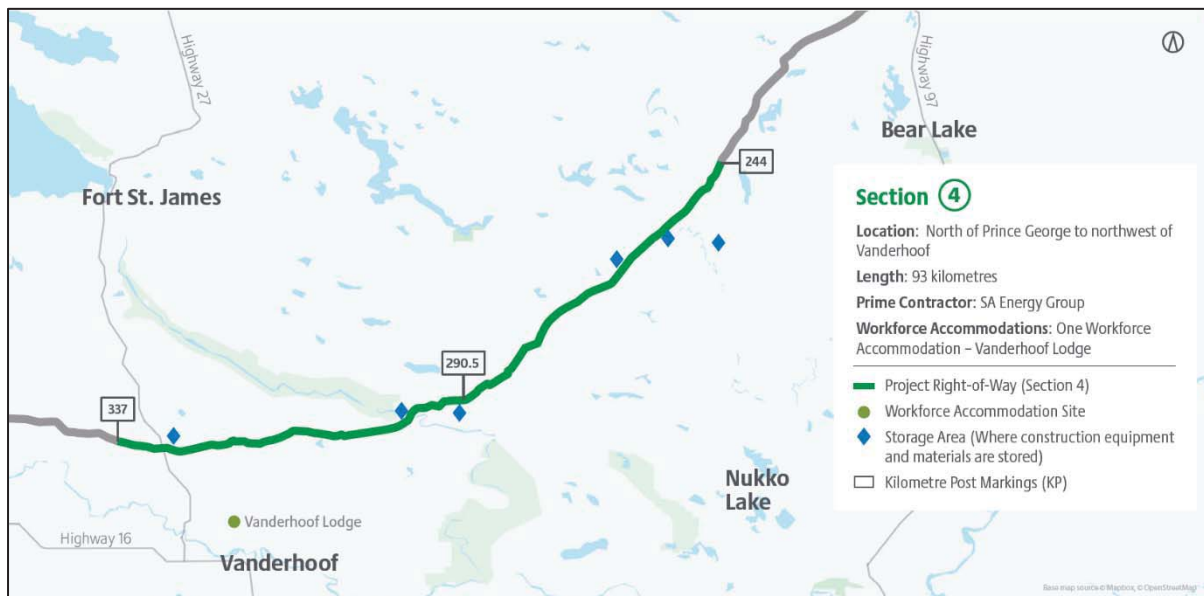


2.1.4 Section 4: North of Prince George to Northwest of Vanderhoof Prime Contractor: SA Energy

The project route is 100% cleared in Section 4. Approximately 91% of grading and 55% of pipe installation has been completed. Through engagement with the Nak'azdli Whut'en First Nation, the Stuart River free-span bridge was completed. The Stuart River DPI crossing was completed in November.

A construction office was opened in Vanderhoof to field local employment communications. The Vanderhoof Lodge was completed and workforce occupancy began in June.

Figure 3-4: Section 4 Map



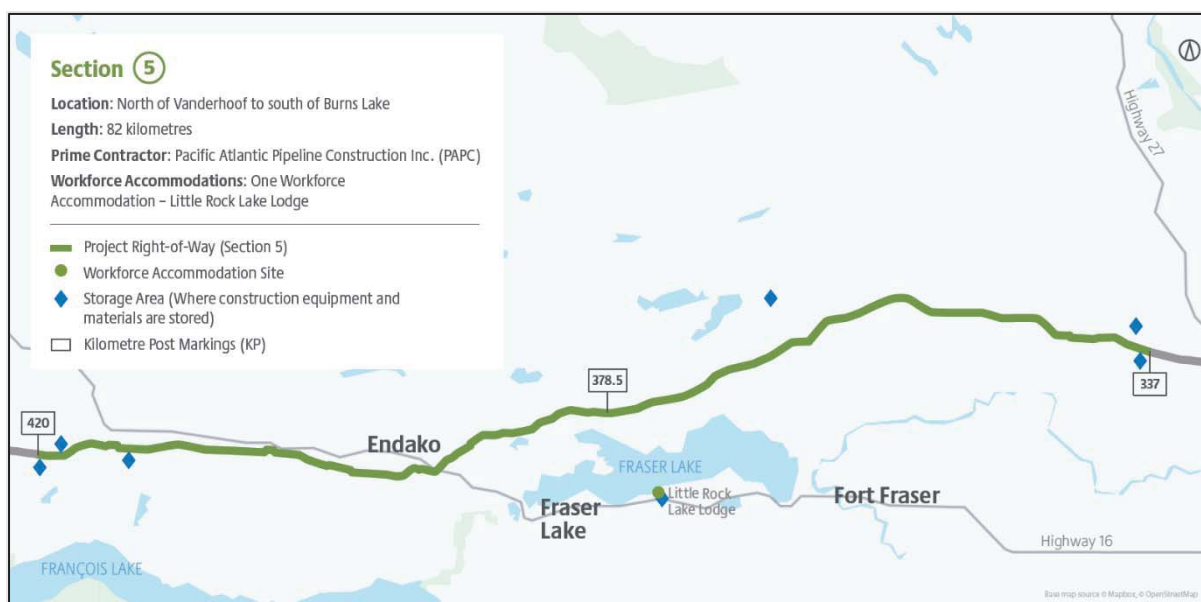
2.1.5 Section 5: Northwest of Vanderhoof to South of Burns Lake Prime Contractor: PAPC

The project route is 100% cleared in Section 5. Approximately 24% of grading and 1% of pipe installation has been completed.

An equipment/materials yard was established at Little Rock Lake Lodge and the Lodge expanded its facilities in preparation for the pipe installation workforce.

PAPC assumed responsibility as Prime Contractor for Section 5 and has mobilized to commence grubbing, grading and stringing activities.

Figure 3-5: Section 5 Map



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Section 2
Project Overview**2.1.6 Section 6: South of Burns Lake to South of Houston**
Prime Contractor: PAPC

Approximately 99% of project route clearing, 33% of grading and 8% of pipe installation was completed in Section 6. Stringing and bending continued and pipe welding commenced. Mechanical crews will continue to work eastwards toward Section 5 until the end of the 2020 construction season.

Set-up at the 7 Mile Lodge continued including expansion of the parking lot.

Figure 3-6: Section 6 Map

2.1.7 Section 7: South of Houston to North of Morice Lake Prime Contractor: PAPC

Approximately 34% of project route clearing was completed in Section 7. Counterboring and site expansion at the Houston storage site occurred during the reporting period. Geotechnical investigations have commenced to support final design of the Morice River crossing.

Development at Huckleberry Lodge continued, including access work and accommodation setup.

Figure 3-7: Section 7 Map

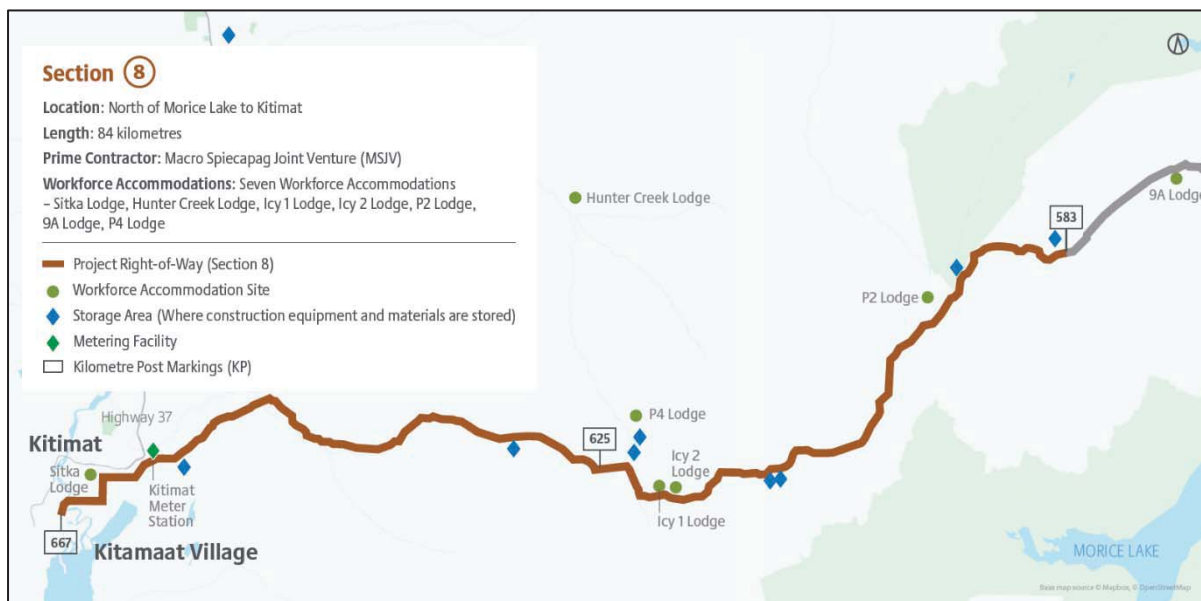


2.1.8 Section 8: North of Morice Lake to Kitimat Prime Contractor: MSJV

Approximately 71% of project route clearing, 37% of grading and 3% of pipe installation was completed in Section 8. Mainline pipe installation and welding were completed at the LNG Canada terminal connector site. The Kitimat Meter Station ground-breaking ceremony was held and direct pipe installation underneath the Kitimat River was completed. The Project's first successful hydrostatic test for pipe materials was completed in Section 8. Cable crane tower setup is ongoing for pipe installation in the Coast Mountains.

9A Lodge construction continued throughout the reporting period and development began on the P2 Lodge.

Figure 3-8: Section 8 Map



3.0 ENGAGEMENT

Coastal GasLink continued to engage regularly with those affected by the Project as described in Section 3.2 of the SEEMP. While the COVID-19 pandemic limited domestic travel during the reporting period, Coastal GasLink continued engagement virtually with SEEMP contacts.

During SEEMP engagement, continued interest was shown toward Project-specific COVID-19 measures. Conversations focused on how Coastal GasLink can support the safe reopening of local economies. Mental wellness emerged as a topic of interest both internally and externally. For further information on Coastal GasLink's psychological health and safety in the workplace, see Appendix A.

3.1 PROJECT ENGAGEMENT

Coastal GasLink presented to municipal council and regional district board meetings on 19 occasions during the reporting period, bringing the total to 49 presentations since October 2018. These meetings focused on the summer construction program schedule, potential for workforce use of local recreational services and local businesses, and implementation of COVID-19 safety protocols within workforce accommodations. Coastal GasLink held an additional 31 engagement meetings with local governments during the reporting period. Newspaper, radio and social media were used to inform local communities about the extensive COVID-19 measures put in place to keep workers, their families and local communities safe.

Coastal GasLink held 64 engagement meetings with Indigenous groups during the reporting period. Three virtual Indigenous Leaders meetings were held in June, September and November to connect elected Indigenous representatives with senior project personnel, including Coastal GasLink's new president. Liaison Committee meetings were held with 15 Indigenous groups to discuss a broad scope of project-related information. Indigenous groups attended 21 site visits and monthly construction updates were provided to 26 Indigenous groups in proximity to the Project.

In addition to engagement activities, Coastal GasLink shares project information through its website, CoastalGasLink.com. The website includes an interactive route map, construction notice board and employment page that connects prospective local employees directly to Prime Contractors for hiring information. Monthly construction updates and quarterly project newsletters are also published on the website. The distribution list for these publications includes Indigenous groups, local governments, emergency responders, Chambers of Commerce and local businesses.

3.2 SEEMP IMPLEMENTATION ENGAGEMENT

Information presented in this status report considers feedback from SEEMP engagement. Coastal GasLink requested virtual meetings to discuss SEEMP implementation with all 57 SEEMP contacts and conducted meetings with 44 contacts during the reporting period. The meetings included 15 Indigenous groups, 18 local governments, and 11 provincial agencies. Once again, a joint provincial agency SEEMP engagement meeting did not take place due to COVID-19 safety measures. See Appendix B for a summary of SEEMP engagement topics raised during the reporting period.

In addition to SEEMP contacts, communication continued with various potentially affected organizations to ensure stakeholders receive project information and updates including:

- chambers of commerce
- local fire and/or emergency management departments
- local RCMP detachments
- local health service providers
- victim service agencies
- WorkBC

3.2.1 SEEMP Contacts

SEEMP implementation engagement contacts include 21 Indigenous groups, 18 local governments and 18 provincial agencies as shown in Table 3-1.

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Section 3**Engagement****Table 3-1: SEEMP Contacts**

Indigenous Groups	Local Governments	Provincial Agencies
Blueberry River First Nations	City of Dawson Creek	B.C. Emergency Health Services
Dark House (Yex T'sa Wilk'us)	City of Fort St. John	B.C. Environmental Assessment Office
Doig River First Nation	City of Prince George	B.C. Oil and Gas Commission
Haisla Nation	City of Terrace	Emergency Management BC
Halfway River First Nation	District of Chetwynd	Ministry of Advanced Education, Skills and Training
Kitselas First Nation	District of Fort St. James	Ministry of Children and Family Development
Lheidli T'enneh First Nation	District of Houston	Ministry of Education – Capital Management Branch
McLeod Lake Indian Band	District of Kitimat	Ministry of Forests, Land, Natural Resource Operations & Rural Development
Nadleh Whut'en First Nation	District of Mackenzie	Ministry of Health – Health Protection Integration and Engagement
Nak'azdli Band (Nak'azdli Whut'en)	District of Tumbler Ridge	Ministry of Indigenous Relations and Reconciliation
Nee-Tahi-Buhn Band	District of Vanderhoof	Ministry of Jobs, Economic Development and Competitiveness
Office of the Hereditary Chiefs of the Wet'suwet'en (Office of the Wet'suwet'en)	Peace River Regional District	Ministry of Municipal Affairs and Housing – Office of Housing and Construction Standards
Saik'uz First Nation	Regional District of Bulkley–Nechako	Ministry of Municipal Affairs and Housing – Planning and Land Use Management (PLUM) Branch
Saulteau First Nations	Regional District of Fraser–Fort George	Ministry of Public Safety and Solicitor General – Community Safety and Crime Prevention Branch
Skin Tyee Nation (Skin Tyee First Nation)	Regional District of Kitimat–Stikine	Ministry of Public Safety and Solicitor General – Policing & Security Branch
Stellat'en First Nation	Town of Smithers	Ministry of Social Development and Poverty Reduction
Ts'il Kaz Koh First Nation (Burns Lake Band)	Village of Burns Lake	Ministry of Transportation and Infrastructure
West Moberly First Nations	Village of Fraser Lake	Northern Health
Wet'suwet'en First Nation		
Witset First Nation		
Yekooche First Nation		

4.0 POTENTIAL ADVERSE EFFECTS

Potential adverse effects were assessed in the Project's Application. Baseline information was presented in the Application's Appendix 2M: Social Technical Report and Appendix 2N: Economic Technical Report. See Appendix C for a summary of the potential adverse socio-economic effects and status of mitigation measures identified in the Application.

During the reporting period, Coastal GasLink reached annual peak construction activity on the project route and continued construction progress at the compressor and meter station facilities. The field workforce increased to approximately 4,000 workers in November. Coastal GasLink continued to ensure workers were aware of COVID-19 safety protocols and worked together with local communities to safely reopen economic activities during the COVID-19 pandemic.

The following sections describe mitigation activities carried out by Coastal GasLink during the reporting period.

4.1 ECONOMY: CONTRACTS AND PROCUREMENT EXPENDITURES

In the Application, the following potential adverse effect was identified in relation to contracts and procurement expenditures:

- limited participation in contract opportunities

4.1.1 Activities

- In consideration of the ongoing COVID-19 pandemic, the Project has adapted its approach to meetings and events and increased the use of digital technology to ensure that regular communication with Indigenous leadership was maintained with respect to health and safety protocols established by many Indigenous communities. Within these protocols, Coastal GasLink's Indigenous and Local Contracting and Employment (ILCE) team continued to work closely with both local Indigenous and non-Indigenous communities and Prime Contractors to identify and communicate upcoming contracting and employment opportunities.
- Coastal GasLink continued to maintain a database of businesses interested in participating in procurement opportunities. The ILCE team is responsible for ensuring that interested vendors with the capacity to fulfill the procurement opportunities are invited to participate in the Project's and Prime Contractors' procurement processes.
- During the reporting period, Aecon was added as the Project's fifth Prime Contractor and will construct the Wilde Lake compression station. All five Prime Contractors are required to submit monthly Indigenous, diverse and local spend reports to Coastal GasLink.

- Coastal GasLink communicated with relevant Indigenous and local communities and businesses regarding PAPC assuming responsibility as Prime Contractor in Section 5.
- Coastal GasLink maintained membership and engaged with twelve northern B.C. chambers of commerce in communities along the project route. Coastal GasLink supported three chambers of commerce events during the reporting period.
- MSJV demonstrated their commitment to community relationships through their unique Entrepreneurship Program. The pilot program creates sustainable economic benefit for the community through business mentorship. There are currently two local entrepreneurs participating in the pilot. Entrepreneurs are identified and awarded a six-month direct award which includes MSJV mentorship. The program builds local entrepreneurial capacity to participate in current opportunities and provide a legacy for participants.
- Coastal GasLink is collaborating with Indigenous communities that have contracts associated with the Project to accurately understand the financial benefit that they receive from contract awards.
- Further to the identified potential adverse effect on contract opportunity participation, Table 4-1 shows the available data on Indigenous and local contract award values to October 2020. In many cases, the Indigenous category includes contract awards made to local Indigenous and local non-Indigenous businesses that are working together on Coastal GasLink.

Table 4-1: Indigenous and Local Subcontract Award Values to October 2020

Business Type	Subcontract Award Value¹	Percentage of Total Subcontract Award Value²
Local (B.C.)	\$979 million	95%
Indigenous ^{3,4}	\$874 million	85%
Notes: ¹ The majority of subcontracting opportunities (and subsequent contract awards) on pipeline projects occur during earlier phases of the construction schedule. Coastal GasLink anticipates this will be reflected in future SEEMP reporting as a smaller incremental increase to the total subcontract award values reported for Local (B.C.) and Indigenous businesses. This trend is forward-looking but may not develop should Phase 2 commence. ² The percentage calculation changed from SEEMP Status Report #3 to be based on the total value of subcontracts (\$1.03 billion) available and awarded by Coastal GasLink and Prime Contractors to Indigenous and B.C. businesses. It is not inclusive of the total Project committed value which includes all capital expenditures, services and materials. ³ The Indigenous category is a subset of the Local (B.C.) category; therefore, it is important to not double-count award values between these two categories. ⁴ The Indigenous category includes contract awards made to local Indigenous businesses and to those business where local Indigenous businesses and local non-Indigenous businesses have partnered for Coastal GasLink activities.		

4.1.2 Mitigation Effectiveness in the Reporting Period

Local contracting opportunities were made available during the reporting period. Between June and October 2020, the Project and Prime Contractors awarded \$28.33 million in contracts to local businesses. The total contract value awarded to local businesses for the construction phase is approximately \$979 million (see Table 4-1).

Coastal GasLink followed-up to clarify its contracting process when requested by SEEMP contacts during engagement activities and provided information on how local businesses can register with Coastal GasLink's vendor directory to improve their access to contracting opportunities with the Project and Prime Contractors. Coastal GasLink anticipates additional contract and employment opportunities for local Indigenous and non-Indigenous communities as pipeline construction continues.

4.2 ECONOMY: COMMUNITY ECONOMIC RESILIENCE

In the Application, the following potential adverse effect was identified in relation to community economic resilience:

- alteration of existing community economic patterns

4.2.1 Activities

- Coastal GasLink provided project information to local governments and key stakeholders in a timely manner. To assist local economic planning, monthly construction updates were made publicly available and sent directly to local governments.
- Coastal GasLink engaged 19 local governments regarding local restrictions extending beyond provincial COVID-19 orders and guidelines. The Project's workforce presence in communities was welcomed during the COVID-19 pandemic as communities began to safely restart their economies.
- A private operator in the District of Vanderhoof launched a locally owned shuttle bus service for workers at the Vanderhoof Lodge to access and encourage use of local Vanderhoof services and businesses.
- Coastal GasLink contributed to the Smithers Chamber of Commerce toward hosting a session dedicated to educating local businesses concerning employee attraction, recruitment and retention strategies.

4.2.2 Mitigation Effectiveness in the Reporting Period

Community feedback remains positive regarding the impacts from the Project's construction on the local economy. Local communities continue to express support for the Project's workforce to use local and regional businesses to aid in local economic recovery. Based on this feedback, Coastal GasLink's mitigation is deemed effective at this time. Coastal GasLink continues to work with Indigenous and local communities to monitor community-specific economic effects and ensure economic benefit to local businesses throughout project construction.

4.3 EMPLOYMENT AND LABOUR FORCE: EMPLOYMENT

In the Application, the following potential adverse effect was identified in relation to employment:

- skilled labour shortage

4.3.1 Activities

- Skilled trade bursaries were made available to Indigenous and local individuals directly through Northern Lights College, College of New Caledonia and Coast Mountain College. During the reporting period, Coastal GasLink's Pathway to Pipeline Readiness funded four Coast Mountain College bursaries and two Northern Lights College bursaries. Since 2014, Coastal GasLink has provided 552 bursaries and scholarships to northern B.C. post-secondary institutions.
- Coastal GasLink announced a renewal of its partnership with College of New Caledonia. The Project is investing an additional \$150,000 into the success of trades and technology students at the college through the funding of bursaries, industry certification courses, and new trades equipment.
- The TC Energy Scholarship program was made available to local applicants. See Section 4.4.1 for more information on the scholarship program.
- Coastal GasLink supported Prince George Nechako Aboriginal Employment & Training Association (PGNAETA) to host Piping Foundations in Prince George. Program graduates received a Certificate of Completion for Piping Foundation and Level 1 Apprenticeship. All graduates obtained employment.
- SA Energy and Coastal GasLink hosted 32 Indigenous participants as part of the Pathways to Prosperity program. The program provided one week of heavy construction training together with Indigenous leader mentorship. Thirty participants were offered employment since completing the program.
- Coastal GasLink partnered with Yinka Dene Economic Development LP to host first aid training for 18 members of Witset First Nation and Wet'suwet'en First Nation, leading to employment with Summit Camps.

- In November, Coastal GasLink collaborated with the Ministry of Social Development and Poverty Reduction – Employment Opportunities Development Branch to host two virtual employment panels.
- Diversity and local employment information was unavailable for the reporting period due to data integrity work being conducted on the internal tool used to collect and analyze employment data. Upon completion of this work, data will be available on request or in future SEEMP Status Reports. Coastal GasLink is committed to hiring locally and continues to actively recruit in the Project area through collaboration with WorkBC.

4.3.2 Mitigation Effectiveness in the Reporting Period

Coastal GasLink's mitigation has effectively ensured skilled labour is available. Indigenous and local hiring remain a priority for Coastal GasLink's Prime Contractors as efforts to work with local WorkBC organizations and implementation of apprenticeship programs continue.

4.4 EMPLOYMENT AND LABOUR FORCE: TRAINING OPPORTUNITIES

In the Application, a potential adverse effect was identified in relation to training opportunities:

- lack of time to train local workers for skilled positions

4.4.1 Activities

- Coastal GasLink continued to communicate with local education and training service providers regarding anticipated schedules, workforce, skills requirements and expected demand for education services.
- Coastal GasLink continued long-term partnerships with post-secondary institutions in northern B.C. to support the regional labour force and support transferable skills development. Partnerships include College of New Caledonia, Coast Mountain College and Northern Lights College. Since 2014, over \$1.2 million has been invested through post-secondary partnership agreements. During the same period, Coastal GasLink invested approximately \$650,000 in skills training and pre-employment programs delivered by Indigenous training organizations in northern B.C.
- Coastal GasLink continued to engage with Prime Contractors, unions, Indigenous Skills and Employment Training groups, training institutions, colleges and other potential partners to provide education and training opportunities in accordance with the priorities of the communities and the needs of the Project.

- The TC Energy Scholarship Program awarded 21 scholarships to B.C. residents during the reporting period. The program offers scholarships to students across three categories, including:
 - TC Energy's Indigenous Legacy Scholarship (\$5,000 each), awarded to Indigenous (i.e., First Nation, Métis, Inuit) students pursuing a full-time, post-secondary program with a registered education institution. Ten awards were issued to Indigenous students from northern B.C. First Nation and Métis communities.
 - TC Energy's Community Leaders Scholarship (\$2,500 each), awarded to students who demonstrate a strong commitment to their communities through volunteerism, leadership and other activities. Eight awards were issued to students located in B.C.
 - TC Energy's Trades Scholarship (\$2,500 each), awarded to students who are studying a skilled trade relevant to our business. Three awards were issued to students located in B.C.
- Aecon launched a Pathways to Prosperity Program to engage and enhance the skills of interested candidates from identified Indigenous communities. The program will develop skills for safe, certified and meaningful careers in the industrial construction sector. Successful participants will receive certificates of completion for a variety of courses beneficial and/or required for industrial construction sites. Subjects include emergency first aid, site surveying, WHMIS, ground disturbance, trenching and excavation safety. These essential skills and safety certification courses are an important first step for trainees who are contemplating a career in the trades.
- Coastal GasLink supported the six-week Outland Youth employment program during the summer. The program helped to transition 22 B.C. First Nations' youth into employment or post-secondary programs. Ten participating youth entered the labour force, nine returned to high school, and three advanced to post-secondary education.
- Coastal GasLink and PAPC provided local and Indigenous candidate upskilling for pipeline construction equipment operation. Fifteen candidates received training using the padder crusher machine and 39 were trained using the TP-15 pay welder.
- Coastal GasLink provided support to Kitselas First Nation to partner with Kleanza Consulting to deliver archeology management training. Four students practiced technical skills while repatriating and cataloguing artifacts in the Kitselas Canyon National Historic Site. Students also benefited from industry recognized certificates, essential skills, and career and education planning.
- Coastal GasLink supported Witset First Nation's partnership with Nico Consulting, TriCorp and Natural Resource Training Group to deliver

environmental field skills training, including post-secondary credit and industry recognized certificates. Recruitment began in November 2020.

- Coastal GasLink contributed toward driver training for Lheidli T'enneh First Nation members. Six individuals completed utility terrain vehicle training and capacity for up to ten community members to participate in graduated license training was made available.
- Coastal GasLink contributed to the September LEAP Conference for Women in Business aimed at helping the local workforce move their careers forward.
- Coastal GasLink participated in Northern Lights College's development of the North East BC Labour Market Strategy published in July.
- Coastal GasLink supported the First Nations Education Foundation to develop the Haislakala Living Dictionary. Capacity development training in digital literacy, applied linguistics, technology, editing and recording was provided to community members. Between August and September, twelve Elders and 48 community members collaborated to contribute approximately 17,000 words to the dictionary.

4.4.2 Apprenticeship Initiatives

For local B.C. residents who want to pursue a career in the skilled trades such as an equipment operator, welder, electrician or heavy-duty mechanic, they must complete a combination of work-based training hours and technical training as they advance through the levels of their trade as registered apprentices. Coastal GasLink represents a unique opportunity for workers starting out in the industry to get those valuable hours, while also benefitting from meaningful experience with one of Canada's largest projects. The Project has supported local colleges and trades training providers to advance technical training opportunities for apprenticeships by providing direct financial support to trades training programs, trades training equipment, as well as trade bursaries and awards

Prime Contractors, associated unions and training providers support a variety of apprentices to develop their skills. Training providers include:

- International Union of Operating Engineers Local 115 Training Association
- UA Piping Industry College of BC
- Labourers International Union of North America
- Christian Labour Association of Canada
- Northern Lights College
- Coast Mountain College
- College of New Caledonia

Apprentices are supervised and receive on-the-job training by a certified journeyman while completing tasks that are important to the Project's construction. During the reporting period, 35 apprentices were employed across the Project.

To support apprenticeship opportunities, the Prime Contractors have implemented a variety of initiatives, including the following:

- SA Energy, PAPC and Aecon support apprenticeship programs with United Association of Journeyman and Apprentices of the Plumbing and Pipe Fitting Industry – Local 170, International Union of Operating Engineers Local 115 Training Association and the Construction and Specialized Workers Union – Local 1611 to develop the skills of steamfitters, welders, pipefitters, heavy equipment operators and labourers. Apprentices are working toward obtaining journeyman certification in their respective trades.
- SMJV is registered with the Northern Lights College for the Heavy-Duty Apprenticeship Program. Advertising for these apprentice positions occur at the college and in local newspapers as they become available.
- SMJV implements the Green Hand program, which supports mentorship for new or inexperienced workers on-site. Participants benefit from increased guidance from experienced co-workers to ensure awareness of safety, procedures and hazards associated with construction. A Green Hand sticker is placed on participants hard hats to identify them for on-site mentorship.
- PAPC supported Houston Secondary School students taking the Welding Foundation Program with the UA Piping Industry College of BC to hone their welding skills and obtain credits toward Red Seal welding certification. Graduates earn certification for Welding 1 and 2. During the program, PAPC provided financial support, spoke to the class and interviewed students for potential employment opportunities once the program is completed. PAPC also offered Welder's Helper training to ten participants.
- MSJV kicked off a new program in partnership with Christian Labour Association of Canada to provide construction craft worker apprenticeship opportunities. Approximately 80 labourers working on the Project were invited to participate in the program. Through this offer, MSJV will provide apprenticeship opportunities, assistance in gathering documentation for previous work, connections to training opportunities, and assistance in challenging exam preparation.
- Aecon is a partner with the Christian Labour Association of Canada Career Development College for the Scaffolder Journeyman Program. This apprenticeship-style program was developed based on the provincial occupational health and safety code, best practices, CSA standards and the Scaffold Industry Association of Canada. The Program provides training for all levels from pre-employment to journeyman.

4.4.3 Mitigation Effectiveness in the Reporting Period

Based on feedback from SEEMP contacts during the reporting period, implemented mitigation has supported local education and training activities. Coastal GasLink has worked together with Indigenous and local communities to develop effective local education and training initiatives that support workers in acquiring positions on the Project as construction progresses.

4.5 COMMUNITY UTILITIES AND SERVICES: EMERGENCY SERVICES

In the Application, the following potential adverse effect was identified in relation to emergency services:

- increased demand on local emergency services

4.5.1 Activities

- Coastal GasLink continued to meet with local governments to provide project information relevant to emergency services. Regional districts and municipalities are accountable for most emergency services provided throughout their jurisdictions. Meetings were attended by local elected officials, community services and emergency management representatives.
- Coastal GasLink continued to provide on-site medical services to treat project personnel outside of the local health care system and vehicle transport injured employees requiring treatment beyond the level provided at site as an alternative to local ambulance use.
- Coastal GasLink continued to collaborate with Northern Health regarding COVID-19 emergency protocols, including joint review of the Return to Work Project Standard and corporate safety planning.
- Within the reporting period, Coastal GasLink implemented its COVID-19 Return to Work Project Standard across all Prime Contractor work sites and workforce lodging.
- Coastal GasLink participated in four Emergency Management BC COVID-19 Regional Sessions for Industrial Camps. Indigenous groups and local governments from across northern B.C. were invited to the sessions in May and October.
- Coastal GasLink and MSJV participated in the Motor Vehicle Incident Emergency Response Scenario Planning Workshop hosted by the City of Terrace during October. Fifteen provincial and local organizations gathered to communicate service provision roles and identify potential gaps in emergency services related to the Project.

- SMJV has a high angle rescue team in Sections 1 and 2 that was made available to the Chetwynd Fire Department. Team members acted as volunteer firefighters on weekends and during construction downtime.
- Coastal GasLink contributed to the future construction of a live fire training facility in the District of Kitimat. The facility was designed for live fire and specialized rescue training simulation.
- Coastal GasLink contributed to Telkwa Fire Rescue, supporting the purchase of an extrication tool for the Village of Telkwa.
- Coastal GasLink contributed toward the purchase of a forcible entry door simulator to support the District of Chetwynd Fire Department's training requirements.

4.5.2 Mitigation Effectiveness in the Reporting Period

SEEMP contacts reported no observed adverse effects to emergency services during the reporting period.

Coastal GasLink continues to make significant efforts to communicate COVID-19 safety protocols to Indigenous and local communities across the entire route and take precautionary measures to ensure the health and safety of its workforce and local communities. Coastal GasLink's COVID-19 safety protocols are continuously updated and can be found at CoastalGasLink.com.

4.6 COMMUNITY UTILITIES AND SERVICES: HEALTH CARE SERVICES

In the Application, the following potential adverse effect was identified in relation to health care:

- increased demand on health care services

4.6.1 Activities

- Coastal GasLink has abided by provincial and federal guidelines to ensure the Project adopted changes in protocol requirements and risk evaluation during the COVID-19 pandemic.
- Across the Project, 17 workers tested positive for COVID-19 during the reporting period. Project-related cases are primarily linked to exposure outside of workforce accommodations. Workplace exposure was limited, with a majority of transmission associated with contact outside of the workplace. Coastal GasLink continues to work with Prime Contractors, Northern Health, and Indigenous and local communities on the management of cases as they arise.

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- As per Provincial Health Order (INDB 2020-24), which came into effect during September, the British Columbia Oil and Gas Commission and Northern Health conducted COVID-19 inspections at four Coastal GasLink workforce accommodations.
 - During the reporting period, Coastal GasLink implemented its COVID-19 Return to Work Project Standard across all Prime Contractor work sites and workforce lodging.
 - Contractors conducted daily workforce health and safety meetings on-site.
 - Safety Alerts were provided to all employees and contractors. These alerts provide awareness and lessons learned. During the reporting period, 25 Safety Alerts were issued relating to equipment incidents, weather condition warnings, effective driving behaviour and proactive safety measures to prevent bodily harm.
 - Coastal GasLink continued to implement the Extraordinary Legacy Initiative (ELI), an internal program aimed to empower project personnel to create an extraordinary legacy of safety and respect for all people, communities and the environment. Approximately 626 employees and contractors attended ELI training sessions during the reporting period; 1,948 employees and contractors have received training since the Project began. As part of the ELI program, six leadership subcommittees were established:
 - Clearing Working Subcommittee – ongoing
 - Compliance Subcommittee – ongoing
 - COVID-19 Best Practice Working Group – completed
 - Health and Safety Leadership Subcommittee – ongoing
 - Safe Driving Subcommittee – ongoing
 - Steep Slope Working Committee – completed
 - Workforce Accommodation Working Subcommittee – ongoing
 - COVID-19 swab testing was made available at all workforce accommodations through collaboration with Northern Health.
 - Coastal GasLink administered flu shots at workforce medical service facilities.
 - SA Energy contributed 150 doses of flu shots to School District 91 (Nechako Lakes) in response to a potential supply shortage in the district.
 - A Project health care centre has been established for workforce-specific use in the District of Chetwynd.
 - PAPC and MSJV contributed medical supplies to aid the Witset First Nation in COVID-19 safety measures.

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- Coastal GasLink participated in the Prince George Climb for Cancer in August to raise money for the Canadian Cancer Society's Kordyban Lodge in Prince George.
- Coastal GasLink reached out to the First Nation Health Authority to engage further on health services.

4.6.2 Project Injuries

Since June 2020, 31 injuries occurred requiring local health care services, as shown in Table 4-2.

Table 4-2: Incidents Requiring Local Health Care

Date	Incident Description	Transfer Required	Treatment Location	Treatment Duration
June 2020	Vehicle left the road and rolled over embankment.	No	Kitimat General Hospital and Health Centre	X-ray and assessment ~1 hour
July 2020	Mechanic placing centre pin on side boom had block slip and pinch right hand; middle finger was lacerated and required stitches.	No	St. John Hospital (Vanderhoof)	X-ray and stitches ~2 hours
July 2020	Worker scraped forearm when they slipped and contacted a T-bar post.	No	Burns Lake Medical Centre	Cleaning of wound and tetanus shot ~1 hour
July 2020	Worker using a retractable utility knife cut their left leg above the knee.	No	Burns Lake Medical Centre	Stitches ~1 hour
August 2020	Worker sprayed bathroom cleaner in their eye.	No	St. John Hospital (Vanderhoof)	Assessment ~0.5 hour
August 2020	Worker cutting a trail lost footing and fell down 20-foot tall rock bluff.	No	University of NBC Hospital (Prince George)	X-ray and stitches ~2 hours
August 2020	Worker operating a foot packer jolted shoulder and re-aggravated an existing injury.	No	Smithers Hospital	Assessment ~0.5 hour
August 2020	Worker was pulled off their feet by a strap that became caught in engine fan.	Yes	Dawson Creek Hospital	X-ray and stitches ~2 hours
August 2020	Worker walking out of work location received insect bite.	No	St. John Hospital (Vanderhoof)	Assessment ~0.5 hour
September 2020	Worker experiencing mild heat exhaustion experienced chest pains and elevated heart rate.	No	Dawson Creek District Hospital	Assessment ~0.5 hour
September 2020	Worker's hand slipped during pre-trip inspection and contacted serpentine belt of bus.	No	Dawson Creek District Hospital	Stitches ~1 hour

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Date	Incident Description	Transfer Required	Treatment Location	Treatment Duration
September 2020	Worker stacking skids had finger crushed between two skids.	Yes	St. John Hospital (Vanderhoof) and University of NBC Hospital (Prince George)	Amputation to first digit ~3 hours
October 2020	Worker's finger pinched between frame of a cradle and a shackle. Worker taken for X-rays and fracture found.	Yes	Chetwynd Hospital	X-ray and splint applied ~1 hour
October 2020	Worker sweeping deck of picker truck slips and falls off truck, striking their head, resulting in a minor abrasion but no loss of consciousness.	No	Chetwynd Hospital	Assessment ~0.5 hours
October 2020	Worker approaching vehicle slips and falls on snow covered rig mat surface; worker fractures tibia (shin) of right leg.	No	St. John Hospital (Vanderhoof) and University of NBC Hospital (Prince George)	X-ray and fracture setting ~5 hours
October 2020	Worker has minor slip that stressed knee; long walk out of location resulted in damaged ligament.	No	Prince George Hospital	Assessment ~1 hour
October 2020	Worker's finger was pinched between two cylinders and fractured finger.	No	Prince George Hospital	X-ray ~1 hour
October 2020	Worker fell on icy patch and suffered a bruised knee.	No	Burns Lake Medical Centre	Assessment ~1 hour
October 2020	Worker's knee popped while they were walling on flat ground in pipe yard.	No	Kitimat General Hospital and Health Centre	X-ray ~1 hour
October 2020	Worker moving a rock experienced uncomfortable sensation in left wrist.	No	Chetwynd Hospital	X-ray ~1 hour
November 2020	Worker's finger was pinched between platform and dunnage; worker required two stitches.	No	Dawson Creek District Hospital	Stitches ~1 hour
November 2020	Worker walking backwards fell to the ground and injured left shoulder.	No	University of NBC Hospital (Prince George)	X-ray, observation, and assessment ~1 hour
November 2020	Worker unloading water saturated bales fell backwards and used left arm to brace; injured left shoulder.	No	Kitimat General Hospital and Health Centre	X-ray ~1 hour
November 2020	Worker feels discomfort in knee.	No	Chetwynd Health Clinic	Assessment ~1 hour
November 2020	Worker's chest struck by pipe clamp handle when stored energy is released.	No	Chetwynd Hospital	Ultrasound and X-ray ~2 hours

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Date	Incident Description	Transfer Required	Treatment Location	Treatment Duration
November 2020	Worker on bus experienced lower back pain when jolted during commute.	No	University of NBC Hospital (Prince George)	X-ray ~1 hour
November 2020	Worker trips on snow covered skid, falling backwards into pipe.	No	Chetwynd Hospital	X-ray and observation ~1 hour
November 2020	Welder felt discomfort in eye following work completion. Eye was flushed and the worker sent to hospital for further assessment.	No	Lakes District Hospital	Assessment ~1 hour
November 2020	Worker struck in mouth by metal fitting on end of discharge hose when hose was released from steam truck.	No	Lakewood Dental Group (Prince George)	Assessment ~1 hour
November 2020	Operator descending off a dozer rolled their ankle.	No	Chetwynd Hospital	X-rays and assessment ~1 hour
November 2020	Worker felt a pinch in lower back while moving skids.	No	Lakes District Hospital	Assessment ~1 hour

4.6.3 Mitigation Effectiveness in the Reporting Period

COVID-19 safety measures continued as the main concern raised regarding health services. The District of Vanderhoof indicated the potential that local health services are adversely impacted by the Vanderhoof Lodge workforce. Coastal GasLink provides a medical facility for Vanderhoof Lodge's residents staffed with an advanced and primary care paramedic. In addition, SA Energy provides an experienced occupational health nurse with a background in emergency/trauma medicine as well as primary care community health. Coastal GasLink is monitoring the District of Vanderhoof's health service capacity in collaboration with Northern Health and local health practitioners to ensure local health services are not negatively impacted by the Project.

Since construction began to October 2020, the Project's workforce has accrued over 6.3 million hours of work. Workers have spent approximately 38.5 hours in local healthcare facilities across the pipeline route related to 31 work-related incidents. Coastal GasLink will continue to collaborate with Northern Health and International SOS to minimize local service gaps and ensure the workforce understand the availability of health care services on-site.

4.7 COMMUNITY UTILITIES AND SERVICES: SOCIAL SERVICES

In the Application, the following potential adverse effect was identified in relation to social services:

- increased demand on community social services

4.7.1 Activities

- Coastal GasLink continued to provide workers access to social services and counseling support. Psychological health and safety in the workplace were prioritized and supported through several initiatives. See Appendix A for details.
- The Community Workforce Accommodations Advisor program was implemented in September. Members from neighbouring Indigenous communities participate in the program to lead workforce accommodation activities, promote inclusion and foster cultural understanding within workforce accommodations. Mental well-being is promoted on-site through the program. Twenty-one Indigenous groups were engaged to be represented in the program, and ten Indigenous groups were represented on-site with an advisor during the reporting period.
- Coastal GasLink monitors telecommunication usage at workforce accommodations to ensure adequate services are available for the residents. Residents are encouraged to use Wi-Fi to minimize impacts on local cellular services. See Appendix D for details.
- Coastal GasLink contributed to the BC Lions Football Club 'Be More Than A Bystander' initiative. This initiative supports awareness of gender-based violence in B.C.
- Coastal GasLink contributed to The Rotary Club of Terrace-Skeena Valley to assist the Terrace Starfish Pack Program, which provides weekend meals to 23 low-income students for each weekend of the school year. The ongoing COVID-19 pandemic strongly increased demand for the program's services.
- Coastal GasLink contributed to the Terrace Community Foundation Endowment Fund to support social programs for seniors, youth groups, arts and culture associations, conservation groups and vulnerable populations.
- Coastal GasLink contributed to the Fraser Lake Food Bank to support food security during local COVID-19 pandemic relief efforts.
- MSJV provided charitable donations to the Kitimat Food Bank and the Tamitik Status of Women Society, which were matched by TC Energy's Empower Program.

4.7.2 Mitigation Effectiveness in the Reporting Period

SEEMP contacts reported no observed adverse effects to social services during the reporting period. No additional mitigation is required at this time.

4.8 COMMUNITY UTILITIES AND SERVICES: WASTE MANAGEMENT FACILITIES

In the Application, the following potential adverse effect was identified in relation to waste management:

- increase in waste flow to regional landfill, transfer station sites and wastewater treatment facilities

4.8.1 Activities

- Coastal GasLink continued to engage with Prime Contractors and workforce accommodation providers to ensure waste management procedures aligned with provincial regulations and local government expectations.
- Coastal GasLink is supporting waste management upgrades for facilities in the Village of Fraser Lake, Village of Burns Lake and District of Houston.
- In August, portable toilets were found unsecured at select areas in Sections 3 and 4. These structures were immediately secured to align with waste management mitigation.

4.8.2 Mitigation Effectiveness in the Reporting Period

In November, the City of Dawson Creek raised disposal of commercial sewage waste concerns with industries in the area, citing potential improper practices or use of municipal facilities. Coastal GasLink reviewed and verified that its liquid waste in the South Peace area is being hauled to approved liquid waste facilities in Chetwynd and Dawson Creek and that contractors are following proper provincial and municipal guidelines.

During the reporting period, local governments did not report any exceedances to permitted liquid waste volumes at municipal wastewater treatment facilities. Coastal GasLink continued to proactively support capacity improvements in three municipalities to manage waste management capacity. Coastal GasLink continues to monitor waste management mitigation and adjust as construction progresses, when required.

4.9 COMMUNITY UTILITIES AND SERVICES: RECREATIONAL FACILITIES

In the Application, the following potential adverse effect was identified in relation to recreational facilities:

- increased demand on community recreational facilities

4.9.1 Activities

- Workforce accommodations have been equipped with recreational facilities including exercise equipment, television/movies, telephone and internet access. The Project's recreational facilities were compliant with provincial COVID-19 safety recommendations and guidelines.
- Coastal GasLink conducted a comprehensive review of recreational facilities and tourism in local communities to develop an understanding of how the workforce could safely assist in regional economic recovery during the COVID-19 pandemic. This review included the circulation of a questionnaire to municipal governments in the project area, which helped to confirm that project employees are welcome to make use of local recreation facilities.
- Coastal GasLink contributed to the Lakes Animal Friendship Society to increase capacity for the MacEwan Dog Park in Burns Lake.
- Coastal GasLink contributed to mountain bike and hiking trail upgrading at the Morice Mountain Nordic Ski Club in Houston.
- Coastal GasLink contributed to the Mackenzie Outdoor Route and Trail Association to conduct trail works at the Morfee Mountain Downhill Trail Network.

4.9.2 Mitigation Effectiveness in the Reporting Period

SEEMP contacts continued to report positive impacts associated with the increase of workers participating in recreation activities in local communities. There were no observed adverse effects on recreational facilities during the reporting period.

4.10 COMMUNITY UTILITIES AND SERVICES: EDUCATION SERVICES

In the Application, the following potential adverse effect was identified in relation to education:

- increased demand for education services

4.10.1 Activities

- Coastal GasLink engaged representatives from the Ministry of Education a minimum of twice a year to discuss potential Project impacts on the B.C. education system.
- PAPC provided metal shop training and education to the Lakes District Secondary School in Burns Lake, working with students to manufacture custom buggy whip window mounts for the Project's vehicles. Funds earned through PAPC's purchase of the window mounts supported the school's budget for metal shop supplies and materials.

- MSJV facilitated a French-speaking program between project engineers and local Fraser Lake Elementary Secondary School students to provide an opportunity to practice language skills with native French speakers.
- Coastal GasLink contributed to the Don Titus Montessori School in Chetwynd toward developing a culinary-based learning opportunity for students related to STEM and applied science disciplines.
- Coastal GasLink contributed to the Fort St. John Public Library Association 2020 Summer Reading Program to ensure young students had an opportunity to practice reading skills while on summer break.

4.10.2 Mitigation Effectiveness in the Reporting Period

SEEMP contacts reported no observed adverse effects to educational services during the reporting period. No additional mitigation is required at this time.

4.11 COMMUNITY UTILITIES AND SERVICES: GOVERNMENT SERVICES

In the Application, the following potential adverse effect was identified in relation to government services:

- increased demand on government services

4.11.1 Activities

- Coastal GasLink continued proactive communication with government agencies regarding anticipated schedules and regional workforce volumes.

4.11.2 Mitigation Effectiveness in the Reporting Period

SEEMP contacts observed no adverse effects on government services during the reporting period. No additional mitigation is required at this time.

4.12 COMMUNITY UTILITIES AND SERVICES: HOUSING AND COMMERCIAL ACCOMMODATION

In the Application, the following potential adverse effect was identified in relation to housing and commercial accommodation:

- reduction in available rental housing and commercial accommodation

4.12.1 Activities

- The Project utilized ten self-sufficient workforce accommodations (see Table 4-3) during the reporting period to mitigate adverse effects on regional infrastructure and services, including rental housing and commercial accommodation. See Appendix E for the Project's forecasted and realized workforce accommodation occupancies.

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- Based on a revised construction schedule and with support from local municipalities, the Chetwynd area workforce was housed in local commercial accommodations in the District of Chetwynd and the City of Dawson Creek. Local benefits were a consideration alongside mitigation and ongoing monitoring to minimize potential adverse effects to local communities.
- Coastal GasLink utilized local commercial accommodation capacity for a portion of the workforce, where requested. During the reporting period, approximately 250 workers in Section 1 and approximately 400 workers in Section 4 resided in local communities.
- In June, the Vanderhoof Lodge (Section 4) was opened.
- In August, Sukunka Lodge (Section 2) and Parsnip Lodge (Section 3) were re-opened and construction on Huckleberry Lodge (Section 7) was completed.

Table 4-3: Active Workforce Accommodation Locations

Active Workforce Accommodation	Nearest SEEMP Community
7 Mile Road Lodge	Burns Lake
Sukunka Lodge	Chetwynd
Sanataa Lodge	Dawson Creek
Little Rock Lake Lodge	Fraser Lake
9A Lodge	Houston
Huckleberry Lodge	Houston
Sitka Lodge	Kitimat
Hunter Creek Lodge	Kitimat
Parship Lodge	Prince George
Vanderhoof Lodge	Vanderhoof

4.12.2 Mitigation Effectiveness in the Reporting Period

Coastal GasLink continued to monitor potential housing impacts in the District of Chetwynd and the City of Dawson Creek that may result from the Project's decision to utilize local housing and accommodation services for the workforce. This decision was reached in consultation with both Chetwynd and Dawson Creek's local governments, each having expressed interest in workforce use of existing local housing and accommodations.

Coastal GasLink will continue to monitor potential housing impacts in the City of Terrace and District of Kitimat in response to local concern about residential rental capacity and pricing. Coastal GasLink encourages workers to use workforce accommodations including Sitka Lodge and Hunter Creek Lodge in Section 8.

4.13 TRANSPORTATION INFRASTRUCTURE AND SERVICES: TRAFFIC

In the Application, the following potential adverse effects were identified in relation to traffic:

- increased traffic volumes from transportation of workers, supplies and equipment leading to decreased road safety
- increase in rail traffic resulting from the shipment of project-related materials
- increased air passengers in local and regional airports

4.13.1 Activities

- Coastal GasLink provided project-related road closure notifications through its website, CoastalGasLink.com. Local newspaper, radio and social media were also used to share traffic notifications in accordance with the Traffic Control Management Plan.
- Twelve public road closure and traffic interruption notifications were issued during the reporting period.
- Coastal GasLink continued to collaborate with road user groups to avoid cumulative traffic impacts on forestry roads.
- Coastal GasLink continued upgrading on several rural resource roads required for project route access.
- Coastal GasLink continued the amendment process for the Sitka Lodge temporary use permit. The temporary use permit amendment was put before the District of Kitimat Mayor and Council in November for deliberation. The Project has completed a traffic impact assessment that demonstrated the permit amendment would allow existing road infrastructure to operate at an acceptable level of service. Coastal GasLink has engaged with the Kitimat Advisory Planning Committee and the Kitimat Traffic Committee, receiving support for the permit amendment from both organizations.
- Coastal GasLink continued discussions with the Ministry of Transportation and Infrastructure and Nadleh Whut'en First Nation to permit an additional turning approach. Road plans have been prepared by engineering contractors and are currently under review by the Project in conjunction with Nadleh Whut'en First Nation.
- Coastal GasLink deployed in-vehicle monitoring systems (IVMS) in approximately 1,200 vehicles during the reporting period to enhance safe driving practices. IVMS monitoring provides real-time alerts, follow-up coaching and vehicle information verification.

- Based on feedback, SMJV provided a road radio system to a local school bus driver in Lone Prairie to increase safety along the Lone Prairie Road south of Chetwynd. This connected the bus driver to workforce radio frequencies. Additional speed limit and bus stop signage was also posted along the road.

4.13.2 Mitigation Effectiveness in the Reporting Period

Coastal GasLink constructed overflow parking at Sitka Lodge with permit approval from the District of Kitimat to mitigate potential impacts to local traffic volumes. The permit amendment approval process is ongoing and Coastal GasLink will continue to monitor the Project's use of the District of Kitimat's road infrastructure.

Discussions with the Ministry of Transportation and Infrastructure and Nadleh Whut'en First Nation regarding the Little Rock Lake Lodge road access plan are ongoing. Access to the site continued during the reporting period with no reported impacts.

As presented in the Application and through monitoring, there continues to be no anticipated long-term or permanent adverse effects on transportation that cannot be mitigated.

4.14 TRANSPORTATION INFRASTRUCTURE AND SERVICES: NAVIGABILITY OF WATERWAYS

In the Application, the following potential adverse effect was identified in relation to navigation:

- disruption of movement on navigable waterways

4.14.1 Activities

- Coastal GasLink identified potential disruptions from construction activities to movement on navigable waterways crossed by the Project.
- Forty-three water crossing notifications were issued during the reporting period. Coastal GasLink's active notification list can be found at [CoastalGasLink.com](https://www.coastalgaslink.com). Each water crossing notification is also tracked by the Federal Common Project Search found at [Common-Project-Search.Canada.ca](https://www.common-project-search.ca).
- Under the Canadian Navigable Waters Act, the Stuart River bridge was classified as a Major Work and therefore required authorization under the Act. Authorization was obtained in April following extensive engagement with Nak'azdli Whut'en First Nation. The bridge was opened for construction use in August.

4.14.2 Mitigation Effectiveness in the Reporting Period

Navigation mitigation continued to be effective. There were no reports of Coastal GasLink work disrupting movement on a navigable waterway. For instream works conducted during the reporting period, the mitigation outlined in the Environmental Management Plan was followed regarding potential adverse effects toward safe use of navigable waterways. There have been no residual adverse effects observed.

5.0 SEEMP REGULATORY INSPECTIONS

No EAC SEEMP compliance inspections took place during the reporting period. To date, Coastal GasLink has had five compliance inspections concerning the SEEMP and was found fully compliant in all cases.

6.0 ADAPTIVE MANAGEMENT

Coastal GasLink continues to collaborate with the District of Kitimat to improve workforce parking capacity at Sitka Lodge in Section 8. During the summer, a Temporary Use Permit allowed for workforce parking on the project route to alleviate parking capacity concerns. A permit to build a 132-stall parking lot adjacent to Sitka Lodge was approved in October 2019 and subsequently constructed. This additional parking lot mitigated parking concerns raised in the Kitimat area. Coastal GasLink is currently seeking approval for an amendment to the Temporary Use Permit, which would give workers access to the parking lot through the Emergency Access Road rather than the running track as was previously approved.

Other discussions have taken place across the Project with regards to waste management, housing, road access and Vanderhoof health services capacity. Corrective action has not been required during the reporting period; however, if corrective action is determined through ongoing monitoring, it will be identified in the reporting period the action is implemented.

No further adaptive management methods were required during the reporting period. As construction advances, Coastal GasLink will continue to monitor mitigation effectiveness and collect feedback regarding potential direct construction adverse effects.

7.0 CLOSING

As construction activities progressed over the summer and fall, there have been no detectable adverse effects that would change the predictions of the economic and social assessment. Significant adaptive management strategies have not been required to correct for unanticipated adverse effects on the socio-economic components identified in the Project's SEEMP.

Coastal GasLink continues to support B.C. in safely re-opening the regional economy during the COVID-19 pandemic under guidance from governments and local health authorities. Coastal GasLink is committed to doing things safely as construction progresses on the project route and facilities.

SEEMP status reports are developed on a semi-annual basis as required by Condition #24 of the EAC. The next report will be submitted in June 2021.

The SEEMP provides a framework for Coastal GasLink to receive feedback and address concerns from potentially impacted Indigenous groups, stakeholders and communities. Local governments, provincial agencies and Indigenous groups are encouraged to contact Coastal GasLink if a concern is identified related to the Project's SEEMP implementation. Issues can be identified directly by telephone, email or mail:

Coastal GasLink toll-free number	1-855-633-2011
Email	CoastalGasLink@TCEnergy.com
Prince George Office	#201, 760 Kinsmen Pl. Prince George, BC Canada V2M 0A8
Vancouver Office	#630, 609 Granville St. Vancouver, BC Canada V7Y 1G5
Calgary Office	450 – 1st St. SW Calgary, AB Canada T2P 5H1

Coastal GasLink Pipeline Project

SEEMP Status Report No. 4

June to November 2020

Appendices

Appendices – Contents

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Appendix A

Psychological Health and Safety in the Workplace

Psychological Health and Safety in the Workplace

While our health is primarily our own responsibility, the workplace can play a significant role in our ability to manage both our physical and psychological health. A psychologically safe and healthy workplace is one that actively works to prevent harm to workers' psychological health and promotes psychological wellbeing. TC Energy has introduced the following best practices and tools to assist its workforce in maintaining a healthy mind.

1. *TC Energy Mental Health Strategy*

TC Energy has a Mental Health Strategy that focuses on:

- Mental health awareness and stigma;
- Mental health resources and benefits;
- Prevention and admin control; and
- Continuous improvement.

2. *TC Energy Mental Health Taskforce*

Assembled in May 2020 to increase the focus on mental health and wellness initiatives for employees and families and to ensure delivery of short- and medium-term actions.

3. *Mental Health Champions across TC Energy*

Mental Health Champions provide guidance and direction for leaders on ways to incorporate wellness activities, acting as a source of knowledge to help identify resources, and identifying additional areas of opportunity to promote mental health / psychological safety.

4. *Mental Health Leadership Training*

Mental Health Champions are enrolled in the Workplace Mental Health Leadership Certificate Program through Queen's University.

5. *Wellness Care Employee and Family Assistance Program (EFAP)*

Workers have access to medical and counselling support through on-site medical staff, helplines and online services. For example, TC Energy's Employee and Family Assistance Program (EFAP) provides:

- Immediate access to counselling through online chats, e-counselling and helplines;
- Interactive online tools such as the Relationship Meter & Stress Index; and
- Access to health and wellness articles and videos.

6. *Psychological Safety Moments*

Safety moments are presented at the beginning of meetings across the Project. Psychological safety moments can build awareness of the importance of mental health and psychological safety and provide resource information.

7. *Wellness Resource Contact Information*

Coastal GasLink and its Prime contractors have provided wellness resource contact information to workers to ensure everyone knows how to access wellness support.

8. Wellness Applications

TC Energy introduced two mental health apps to help workers manage stress or anxiety:

- [MindShift™ CBT](#) – provides tools based on proven scientific strategies to teach users about anxiety and help them to engage in healthy thinking and actions; and
- [Insight Timer](#) – the number one free meditation app that helps calm the mind, reduce anxiety, manage stress, sleep deeply and improve happiness with guided meditations and talks led by the world's top meditation and mindfulness experts, neuroscientists, psychologists and teachers.

Appendix B

Socio-Economic Topics Raised During SEEMP Engagement

SEEMP Topics Raised During Engagement

The following chart includes a summary of SEEMP topics that were raised by SEEMP contacts during the Reporting Period.

Topic	Relevant Pipeline Section
<i>Contracting and Employment</i>	
Indigenous contracting	1, 2, 4, 8
Local spend and employment	All sections
Vendor registration	5
<i>Training/Education</i>	
Skills training	1, 4, 5, 8
Apprenticeships	All sections
<i>Health/Emergency Response</i>	
COVID-19 protective measures	All sections
Mental wellness	5
Emergency response planning	7, 8
Health care services capacity	4, 5, 6
<i>Waste Management</i>	
Waste management capacity	1, 5, 6, 7, 8
<i>Housing</i>	
Available housing	6
Property value	7
Workforce accommodation occupancy	7, 8
<i>Transportation</i>	
In-vehicle monitoring systems	All sections
Driving safely	4, 8
Traffic routes	4
Parking	8
<i>SEEMP Status Report #3 Feedback</i>	
Joint provincial agency meeting to engage on the SEEMP	All sections
Community specific information	All sections

Appendix C

SEEMP Mitigation Status Table

SEEMP Mitigation Status Table

POTENTIAL ADVERSE EFFECTS	REGULATORY REFERENCE	MITIGATION ¹	STATUS
VALUED COMPONENT: ECONOMY			
<i>Key Indicator: Contracts and Procurement Expenditures</i>			
<i>Limited participation in contract opportunities</i>	<i>EA Table 12-8</i>	<ul style="list-style-type: none"> Implement a procurement strategy that provides opportunities for qualified Aboriginal and local contractors. 	In Progress
	<i>EA Table 12-8</i>	<ul style="list-style-type: none"> Continue discussions with economic development representatives from Aboriginal and local communities to communicate Project requirements, potential contract opportunities and related qualifications (i.e., insurance, safety, required personnel, skills, certifications, experience, equipment, materials, etc.). 	In Progress
	<i>EA Table 12-8</i>	<ul style="list-style-type: none"> Continue discussions with economic development representatives from Aboriginal and local communities to identify qualified Aboriginal and local businesses interested in providing relevant goods and services. 	In Progress
<i>Key Indicator: Community Economic Resilience</i>			
<i>Alteration of existing community economic patterns</i>	<i>EA Table 12-8</i>	<ul style="list-style-type: none"> Communicate the Project schedule and identify the short-term nature of Project construction activities to local economic development organizations to manage expectations. 	Complete
	<i>EA Table 12-8</i>	<ul style="list-style-type: none"> Adhere to the Traffic Control Management Plan to reduce construction related traffic and corresponding potential adverse effects on local business operations. 	In Progress
VALUED COMPONENT: EMPLOYMENT AND LABOUR FORCE			
<i>Key Indicator: Employment</i>			
<i>Skilled labour shortage</i>	<i>EA Table 12-9, 12-11 and 12-13</i>	<ul style="list-style-type: none"> Implement the Coastal GasLink training program to enable unemployed or underemployed individuals to develop Project specific employment skills and seek Project employment. 	In Progress
	<i>EA Table 12-9, 12-11 and 12-13</i>	<ul style="list-style-type: none"> Provide the Project schedule to economic development organizations and post-secondary institutions to inform them of peak workforce demands. 	Complete
	<i>EA Table 12-9, 12-11 and 12-13</i>	<ul style="list-style-type: none"> Ensure alternative sources of skilled workers are in place to avoid disruption of the local employment market. 	In Progress
	<i>EA Table 12-9, 12-11 and 12-13</i>	<ul style="list-style-type: none"> Communicate with economic development organizations to confirm existing employment conditions in communities and the broader region before executing the employment strategy. 	Complete

¹Coastal GasLink is responsible for implementing mitigation presented in the SEEMP.

SEEMP Mitigation Status Table

	EA Table 12-9, 12-11 and 12-13	<ul style="list-style-type: none"> Monitor the success of the Coastal GasLink training program. 	In Progress
	EA Table 12-9, 12-11 and 12-13	<ul style="list-style-type: none"> Follow-up with economic development organizations and community representatives to confirm employment conditions in communities and the broader region. 	In Progress
Key Indicator: Training Opportunities			
Lack of time to train local workers for skilled positions	EA Table 12-9, 12-11 and 12-13	<ul style="list-style-type: none"> Confirm Project workforce needs well in advance of Project construction with economic development organizations, employment centres and educational institutions. 	Complete
	EA Table 12-9, 12-11 and 12-13	<ul style="list-style-type: none"> Provide opportunities for qualified workers currently apprenticing to obtain trades certification during Project construction. 	In Progress
	EA Table 12-9, 12-11 and 12-13	<ul style="list-style-type: none"> Develop and implement a training program focused on developing Project specific skills. Short term workforce readiness training directly related to the proposed Project will focus on: <ul style="list-style-type: none"> assessing and identifying gaps determining proper skills development developing processes to help local residents obtain construction related employment 	In Progress
VALUED COMPONENT: COMMUNITY UTILITIES AND SERVICES			
Key Indicator: Emergency Services			
Increased demand on local emergency services	EA Table 15-18, 15-20, 15-22 and 15-24	<ul style="list-style-type: none"> Adhere to all WorkSafe BC safety standards on work sites during construction and operations. Contact with service provider will be established before construction and documented through the contractor's Emergency Measures Plan. 	In Progress
	EA Table 15-18, 15-20, 15-22 and 15-24	<ul style="list-style-type: none"> Adhere to Coastal GasLink Emergency Response Plan (ERP) for proposed Project related emergencies. 	In Progress
	EA Table 15-18, 15-20, 15-22 and 15-24	<ul style="list-style-type: none"> Communicate with local emergency service providers, fire departments and RCMP detachments throughout the proposed Project construction and operations phases to provide proposed Project construction schedules and maps and to identify issues such as staffing requirements, access needs and emergency evacuation routes. 	In Progress
	EA Table 15-18, 15-20, 15-22 and 15-24	<ul style="list-style-type: none"> Provide key proposed Project personnel contact information, construction schedules, and proposed Project maps with access routes to RCMP detachments, fire departments and ambulance service providers. 	Complete
	EA Table 15-18, 15-20, 15-22 and 15-24	<ul style="list-style-type: none"> During worker and Contractor orientation sessions, reinforce the importance of respectful conduct when in communities. 	In Progress

¹Coastal GasLink is responsible for implementing mitigation presented in the SEEMP.

SEEMP Mitigation Status Table

	<i>EA Table 15-18, 15-20, 15-22 and 15-24</i>	<ul style="list-style-type: none"> Adhere to TransCanada's Health, Safety and Environment Commitment in Appendix E of the Social Technical Report (Appendix 2 M of the Application). 	In Progress
	<i>EA Table 15-18, 15-20, 15-22 and 15-24</i>	<ul style="list-style-type: none"> Ensure Prime Contractors submit and adhere to safety plans that address emergency procedures. 	In Progress
	<i>EA Table 15-18, 15-20, 15-22 and 15-24</i>	<ul style="list-style-type: none"> Ensure that the proposed Project will be staffed with sufficient numbers of emergency medical personnel with appropriate certifications, supplies and conveyance requirements based on numbers of workers, hazard risk at the work sites and proximity to medical facilities. 	In Progress
	<i>EA Table 15-18, 15-20, 15-22 and 15-24</i>	<ul style="list-style-type: none"> Supervisory personnel will be on site at all times during drilling, reaming and pullback operations to ensure that emergency response measures will be implemented immediately and effectively. Coastal GasLink will also assign inspection personnel to the site during all phases of watercourse drilling. 	In Progress
	<i>EA Table 15-18, 15-20, 15-22 and 15-24</i>	<ul style="list-style-type: none"> Implement mitigation outlined in Section 21 of the Application, Accidents or Malfunctions. 	In Progress
	<i>EA Table 15-18, 15-20, 15-22 and 15-24</i>	<ul style="list-style-type: none"> Adhere to the Chemical and Waste Management Plan, Spill Contingency Plan, Fire Suppression Contingency Plan, Adverse Weather Contingency Plan and Traffic Control Management Plan in the EMP (Appendix 2 A of the Application). 	In Progress
	<i>EA Table 15-18, 15-20, 15-22 and 15-24</i>	<ul style="list-style-type: none"> Communicate with local emergency services, including police, fire and ambulance services, three months before construction, regarding known reasonably foreseeable future development and activities (Appendix 3-A, EA), to understand and address potential overlaps and potential issues with increased demand on existing local emergency services, including police, fire and ambulance services. 	Complete
Key Indicator: Health Care Services			
<i>Increased demand on health care services</i>	<i>EA Table 15-18, 15-20, 15-22 and 15-24</i>	<ul style="list-style-type: none"> Continue to communicate with local and regional health care providers before proposed Project construction activities to identify potential service gaps and issues. 	Complete
	<i>EA Table 15-18, 15-20, 15-22 and 15-24</i>	<ul style="list-style-type: none"> Discuss with health care providers the use of health care facilities during pre-construction to determine the capacity and capabilities of health care facilities and also determine any concerns or expectations on the part of facility managers. 	Complete

¹Coastal GasLink is responsible for implementing mitigation presented in the SEEMP.

SEEMP Mitigation Status Table

	<i>EA Table 15-18, 15-20, 15-22 and 15-24</i>	<ul style="list-style-type: none"> Adhere to Coastal GasLink emergency response procedures outlined in the ERP. 	In Progress
	<i>EA Table 15-18, 15-20, 15-22 and 15-24</i>	<ul style="list-style-type: none"> Adhere to TransCanada's Health, Safety and Environment Commitment in Appendix E of the Social Technical Report (Appendix 2 M of the Application). 	In Progress
	<i>EA Table 15-18, 15-20, 15-22 and 15-24</i>	<ul style="list-style-type: none"> Follow all WorkSafe BC safety standards on work sites during construction. 	In Progress
	<i>EA Table 15-18, 15-20, 15-22 and 15-24</i>	<ul style="list-style-type: none"> Ensure Prime Contractors submit and adhere to safety plans that address emergency procedures. 	In Progress
	<i>EA Table 15-18, 15-20, 15-22 and 15-24</i>	<ul style="list-style-type: none"> Ensure that the proposed Project will be staffed with sufficient numbers of emergency medical personnel with appropriate certifications, supplies and conveyance requirements based on numbers of workers, hazard risk at the work sites and proximity to medical facilities. 	In Progress
	<i>EA Table 15-18, 15-20, 15-22 and 15-24</i>	<ul style="list-style-type: none"> Supervisory personnel will be on site at all times during drilling, reaming and pullback operations to ensure that emergency response measures will be implemented immediately and effectively. Coastal GasLink will also assign inspection personnel to the site during all phases of drilling of the watercourse. 	In Progress
	<i>EA Table 15-18, 15-20, 15-22 and 15-24</i>	<ul style="list-style-type: none"> Implement mitigation outlined in the Application, Section 21. 	In Progress
	<i>EA Table 15-18, 15-20, 15-22 and 15-24</i>	<ul style="list-style-type: none"> Adhere to the Waste Management Plan, Spill Contingency Plan, Fire Suppression Contingency Plan, Adverse Weather Contingency Plan and Traffic Control Management Plan in the EMP (Appendix 2 A of the Application). 	In Progress
	<i>EA Table 15-18, 15-20, 15-22 and 15-24</i>	<ul style="list-style-type: none"> Ensure senior medical providers are available in the field to provide medical care if a worker needs treatment. 	In Progress
	<i>EA Table 15-18, 15-20, 15-22 and 15-24</i>	<ul style="list-style-type: none"> Ensure first-aid personnel are available in the construction camps for emergencies, and available at the appropriate times to accommodate workers who require medical treatment. 	In Progress

¹Coastal GasLink is responsible for implementing mitigation presented in the SEEMP.

SEEMP Mitigation Status Table

	<i>EA Table 15-18, 15-20, 15-22 and 15-24</i>	<ul style="list-style-type: none"> Outfit the first-aid room with proper equipment and running water as outlined in the WorkSafe BC regulations. 	In Progress
	<i>EA Table 15-18, 15-20, 15-22 and 15-24</i>	<ul style="list-style-type: none"> Ensure medical staff requirements are based on WorkSafe BC ratios of work activity, number of workers and distance (i.e., time) from nearest medical centre. 	In Progress
	<i>EA Table 15-18, 15-20, 15-22 and 15-24</i>	<ul style="list-style-type: none"> Communicate with local and regional health care providers three months before construction, regarding known reasonably foreseeable future development and activities (Appendix 3-A), to understand and address potential overlaps and potential issues with increased demand on health care services. 	Complete
Key Indicator: Social Services			
<i>Increased demand on community social services</i>	<i>EA Table 15-18, 15-20, 15-22 and 15-24</i>	<ul style="list-style-type: none"> Continue to communicate with local and regional social service providers to confirm current community social service issues. 	In Progress
	<i>EA Table 15-18, 15-20, 15-22 and 15-24</i>	<ul style="list-style-type: none"> Provide key personnel for the proposed Project with contact information and construction schedules for local and regional social service providers. 	Complete
	<i>EA Table 15-18, 15-20, 15-22 and 15-24</i>	<ul style="list-style-type: none"> Adhere to TransCanada's Health, Safety and Environment Commitment in Appendix E of the Social Technical Report (Appendix 2 M of the Application). 	In Progress
	<i>EA Table 15-18, 15-20, 15-22 and 15-24</i>	<ul style="list-style-type: none"> House the proposed temporary workforce in construction camps and develop appropriate construction camp policies. Provide the following amenities: <ul style="list-style-type: none"> recreational facilities and activities such as exercise equipment (e.g., weights) and electronics (e.g., television and movies) telephone and internet access 	In Progress
	<i>EA Table 15-18, 15-20, 15-22 and 15-24</i>	<ul style="list-style-type: none"> Communicate with local community social services three months before construction, regarding known reasonably foreseeable future development and activities (Appendix 3-A), to understand and address potential overlaps and potential issues with increased demand on community social services. 	Complete
Key Indicator: Waste Management Facilities			
<i>Increase in waste flow to regional landfill and transfer</i>	<i>EA Table 15-18, 15-20, 15-22 and 15-24</i>	<ul style="list-style-type: none"> Coastal GasLink will confirm the capacity of local and regional facilities to accept waste and recycling before construction of the proposed Project. 	Complete

¹Coastal GasLink is responsible for implementing mitigation presented in the SEEMP.

SEEMP Mitigation Status Table

<i>station sites, and wastewater treatment facilities</i>	<i>EA Table 15-18, 15-20, 15-22 and 15-24</i>	<ul style="list-style-type: none"> Adhere to Coastal GasLink's Chemical and Waste Management Plan in the EMP (Appendix 2 A of the Application). 	In Progress
	<i>EA Table 15-18, 15-20, 15-22 and 15-24</i>	<ul style="list-style-type: none"> All waste materials will be disposed of according to federal and provincial legislation, and municipal and regional regulations, as required. 	In Progress
	<i>EA Table 15-18, 15-20, 15-22 and 15-24</i>	<ul style="list-style-type: none"> All staff of the proposed Project with waste management and hazardous materials responsibilities will be educated according to regulatory requirements specific to the proposed Project. All personnel shall understand their responsibilities for proper handling, identification, documentation and storage of wastes and hazardous materials. 	In Progress
	<i>EA Table 15-18, 15-20, 15-22 and 15-24</i>	<ul style="list-style-type: none"> An appropriate number of portable toilets shall be made available to ensure each crew has ready access to washroom facilities. The facilities will be serviced and cleaned regularly, and adequately secured. All site personnel are to use portable toilets. 	In Progress
	<i>EA Table 15-18, 15-20, 15-22 and 15-24</i>	<ul style="list-style-type: none"> Each construction site will be equipped with adequate garbage receptacles for solid non-hazardous wastes and debris. These materials will be collected, as required, and disposed of at approved locations. Food wastes will be stored in animal proof (bear-proof) containers and transported to an appropriate landfill site. 	In Progress
	<i>EA Table 15-18, 15-20, 15-22 and 15-24</i>	<ul style="list-style-type: none"> Receptacles for recycling various products (e.g., paper and aluminum) will be available at proposed Project construction yards and camps and will be hauled to appropriate recycling depots. 	In Progress
	<i>EA Table 15-18, 15-20, 15-22 and 15-24</i>	<ul style="list-style-type: none"> Communicate with local and regional landfill, transfer station and wastewater treatment operators to identify service gaps and resulting issues. 	In Progress
Key Indicator: Recreational Facilities			
<i>Increased demand on community</i>	<i>EA Table 15-18, 15-20, 15-22 and 15-24</i>	<ul style="list-style-type: none"> Continue to communicate with municipal recreation facility operators to confirm the proposed Project construction and workforce schedules to ensure municipal recreational service providers have sufficient notice regarding possible increased use. 	In Progress

¹Coastal GasLink is responsible for implementing mitigation presented in the SEEMP.

SEEMP Mitigation Status Table

<i>recreational facilities</i>	<i>EA Table 15-18, 15-20, 15-22 and 15-24</i>	<ul style="list-style-type: none"> Ensure workers will have access to recreational facilities in the construction camps where they reside during the construction phase. These facilities will include exercise equipment within the camp and access to electronics will be available (e.g., television, movies). 	Complete
	<i>EA Table 15-18, 15-20, 15-22 and 15-24</i>	<ul style="list-style-type: none"> Communicate with municipal recreational facility operators to identify service gaps and resulting issues. 	In Progress
Key Indicator: Education Services			
<i>Increased demand for education services</i>	<i>EA Table 15-18, 15-20, 15-22 and 15-24</i>	<ul style="list-style-type: none"> Communicate with educational and training service providers well in advance of proposed Project construction regarding schedules, workforce, skills requirements and expected demands. 	Complete
Key Indicator: Government Services			
<i>Increased demand on government services</i>	<i>EA Table 15-18, 15-20, 15-22 and 15-24</i>	<ul style="list-style-type: none"> Communicate with government agencies well in advance of proposed Project construction regarding schedules, workforce and expected demands. Government agencies and services used will be specified when proposed Project details are finalized. 	Complete
Key Indicator: Housing and Commercial Accommodation			
<i>Reduction in available rental housing and commercial accommodation</i>	<i>EA Table 15-18, 15-20, 15-22 and 15-24</i>	<ul style="list-style-type: none"> Communicate with hotel associations, commercial accommodation providers (i.e., campgrounds, hotels and motels, RV parks) and Chambers of Commerce when proposed Project construction schedules are known to ensure accommodation providers are able to plan for increased activity. 	Complete
	<i>EA Table 15-18, 15-20, 15-22 and 15-24</i>	<ul style="list-style-type: none"> Communicate with community representatives to assess the current housing availability and options for hosting worker's families. 	In Progress
	<i>EA Table 15-18, 15-20, 15-22 and 15-24</i>	<ul style="list-style-type: none"> If accommodations are reserved for personnel of the proposed Project, and are determined not to be needed, request that the Contractor release the rooms. 	In Progress
	<i>EA Table 15-18, 15-20, 15-22 and 15-24</i>	<ul style="list-style-type: none"> Communicate with hotel associations, commercial accommodation providers (i.e., campgrounds, hotels and motels, RV parks) and Chambers of Commerce three months before construction, regarding known reasonably foreseeable future development and activities (Appendix 3-A), to understand and address potential overlaps and potential issues with a reduction in available rental housing and commercial accommodation. 	Complete

¹Coastal GasLink is responsible for implementing mitigation presented in the SEEMP.

SEEMP Mitigation Status Table

VALUED COMPONENT: TRANSPORTATION INFRASTRUCTURE AND SERVICES			
Key Indicator: Traffic			
Increased traffic volumes from transportation of workers, supplies and equipment leading to decreased road safety	EA Table 15-25, 15-27 and 15-31	<ul style="list-style-type: none"> Implement the Traffic Control Management Plan in the EMP (Appendix 2A of the Application) and the Access Control Management Plan. 	In Progress
	EA Table 15-25, 15-27 and 15-31	<ul style="list-style-type: none"> Before construction activities, use community media outlets such as newspapers and radio stations, and email updates to announce the location and schedule of construction activities. 	In Progress
	EA Table 15-25, 15-27 and 15-31	<ul style="list-style-type: none"> Confirm the proposed Project construction schedule and road crossing procedures with BC Ministry of Transportation and Infrastructure staff before construction activities. 	Complete
	EA Table 15-25, 15-27 and 15-31	<ul style="list-style-type: none"> Communicate with RCMP detachments to define traffic safety concerns and mitigation before proposed Project construction. 	Complete
	EA Table 15-25, 15-27 and 15-31	<ul style="list-style-type: none"> Coastal GasLink will transport pipe materials to the proposed Project area by rail, where off-loading (rail sidings) are available and where practical. 	In Progress
	EA Table 15-25, 15-27 and 15-31	<ul style="list-style-type: none"> Access points to the ROW will be flagged and signed to discourage public use. 	In Progress
	EA Table 15-25, 15-27 and 15-31	<ul style="list-style-type: none"> Construction personnel will be transported between construction yards, construction camps and the construction site by multi-passenger vehicles, to the extent practical, to reduce vehicle traffic. 	In Progress
	EA Table 15-25, 15-27 and 15-31	<ul style="list-style-type: none"> Motorized vehicle traffic, including all-terrain vehicle (ATV), ARGO and snowmobile traffic, will be confined to the approved route, access roads or trails except where specifically authorized by the appropriate regulatory authority. 	In Progress
	EA Table 15-25, 15-27 and 15-31	<ul style="list-style-type: none"> Vehicles will be limited to travel on the access roads for which they are designed. Most vehicles are able to turn around within the width of the construction ROW. Stringing trucks require extra turning radius. Consequently, approaches to the pipeline ROW or existing public roads will be wider when used for stringing trucks. Where turnarounds are needed on the ROW, extra space will be necessary on the travel side of the ROW. Previously disturbed areas will be used for this purpose, where practical. 	In Progress
	EA Table 15-25, 15-27 and 15-31	<ul style="list-style-type: none"> Efforts to control off-road vehicle use will be coordinated with the appropriate authorities and conducted until the ROW has been satisfactorily reclaimed. All proposed Project-related vehicles will follow applicable traffic, road-use and safety laws. 	In Progress
	EA Table 15-25, 15-27 and 15-31	<ul style="list-style-type: none"> Communication with communities where known traffic issues exist once the proposed Project schedule is confirmed 	In Progress

¹Coastal GasLink is responsible for implementing mitigation presented in the SEEMP.

SEEMP Mitigation Status Table

	EA Table 15-25, 15-27 and 15-31	<ul style="list-style-type: none"> Communication with forest licensees to address cumulative road use issues 	In Progress
Increase in rail traffic resulting from the shipment of Project-related materials	EA Table 15-25, 15-27 and 15-31	<ul style="list-style-type: none"> Communicate with CN Rail to confirm rail capacity, siding availability, schedules, and potential issues related to shipping pipe materials by rail. 	Complete
	EA Table 15-25, 15-27 and 15-31	<ul style="list-style-type: none"> Work with community representatives to identify suitable stockpile sites for pipe material, where practical. Specific selection would consider proposed Project requirements, access roads and general site conditions. 	In Progress
Increased air passengers in local and regional airports	EA Table 15-25, 15-27 and 15-31	<ul style="list-style-type: none"> Communicate with local and regional airport authorities of proposed Project construction activities to inform them of proposed Project schedules. 	Complete
	EA Table 15-25, 15-27 and 15-31	<ul style="list-style-type: none"> Before construction activities, use community media outlets such as newspapers and radio stations to announce the location and schedule of construction activities to avoid impacts on access to air travel by residents. 	In Progress
Key Indicator: Navigability of Waterways			
Disruption of movement on navigable waterways	EA Table 15-25, 15-27 and 15-31	<ul style="list-style-type: none"> Adhere to watercourse crossing mitigation outlined in Section 7 of the Application. 	In Progress
	EA Table 15-25, 15-27 and 15-31	<ul style="list-style-type: none"> Obtain necessary approvals under Navigable Waters Protection Act, as required. 	In Progress
	EA Table 15-25, 15-27 and 15-31	<ul style="list-style-type: none"> Make the Project construction schedule and location maps available to recreational user groups and other members of the public to avoid conflict with planned activities. 	In Progress
	EA Table 15-25, 15-27 and 15-31	<ul style="list-style-type: none"> If directed by the appropriate regulatory authority, install warning signs along the banks both upstream and downstream of the crossing to caution users of a navigational hazard, where appropriate. 	In Progress
	EA Table 15-25, 15-27 and 15-31	<ul style="list-style-type: none"> Discuss with TC to ensure that appropriate procedures were used for navigable waterway crossings. 	In Progress

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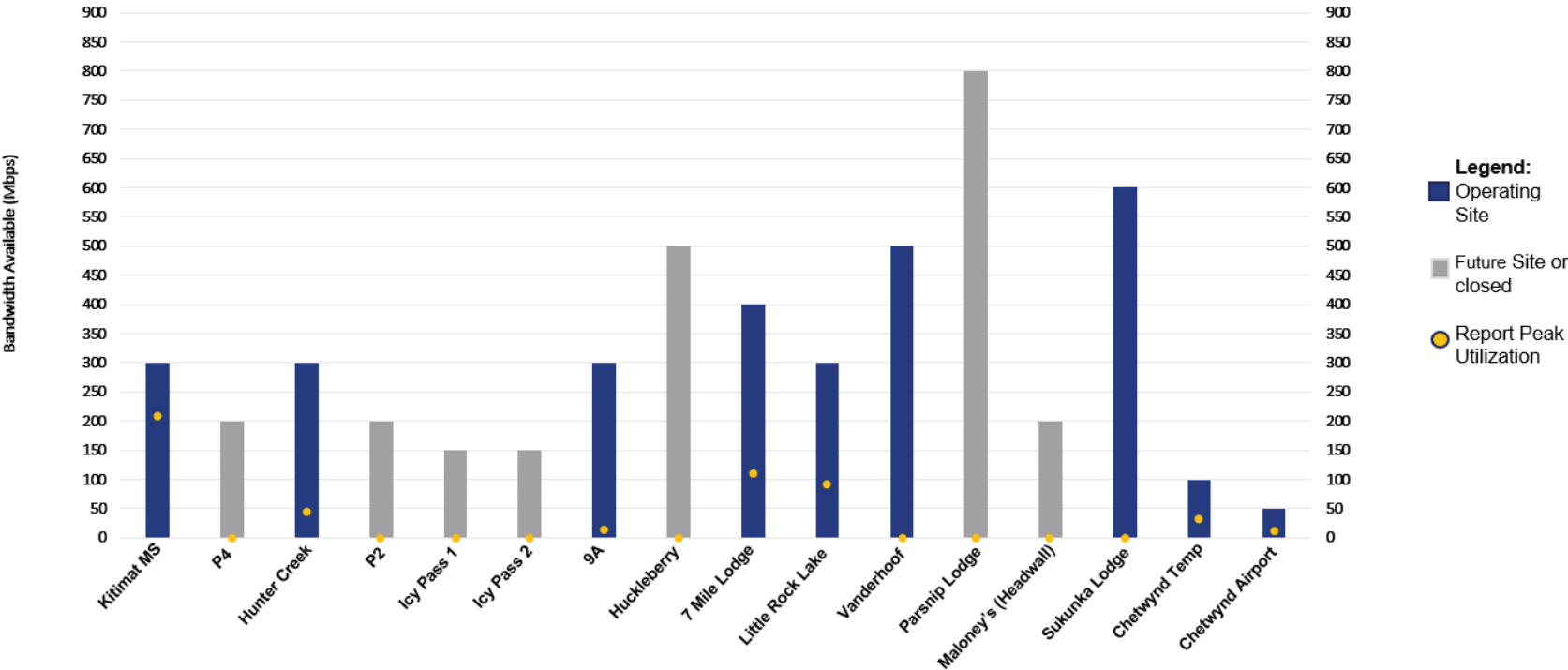
June to November 2020

Appendix D

Appendix D

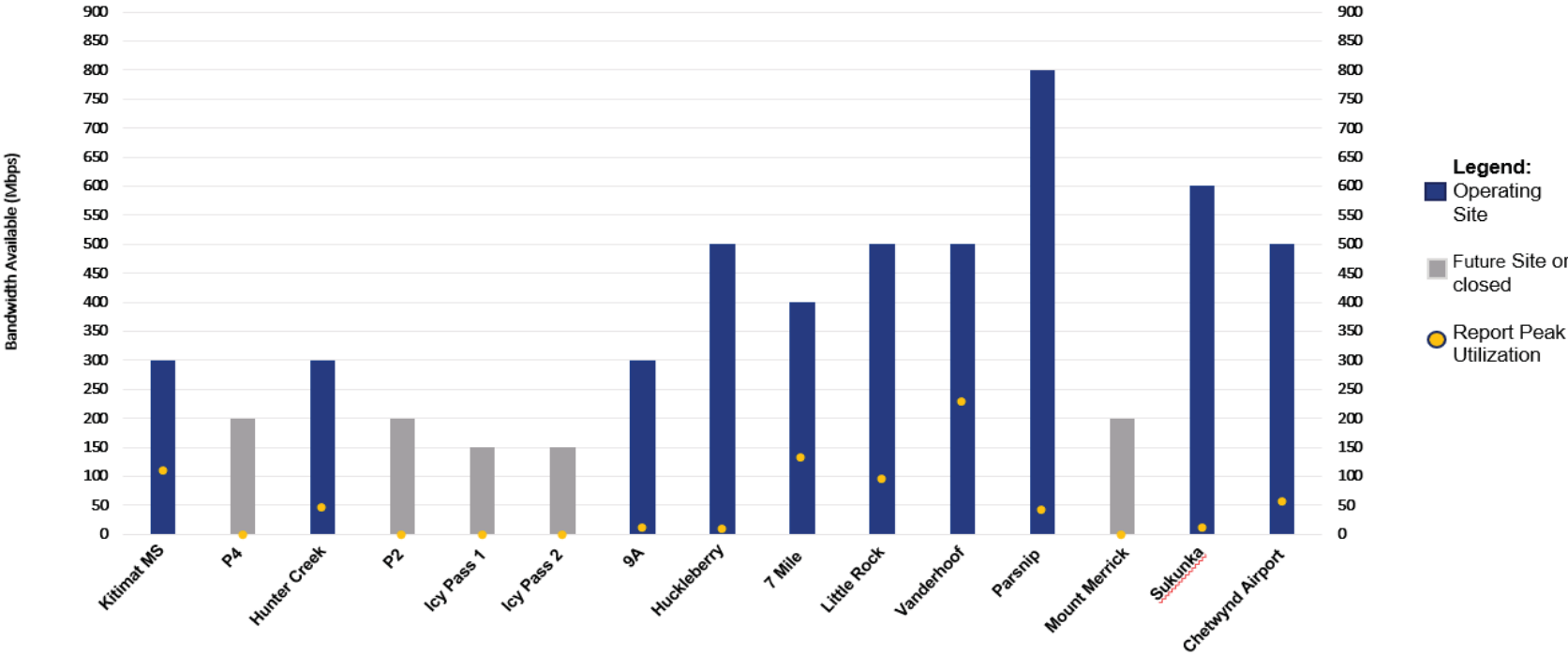
Workforce Telecommunication Use

Lodge Wi-fi Availability and Peak Utilization, June 1st – June 14th



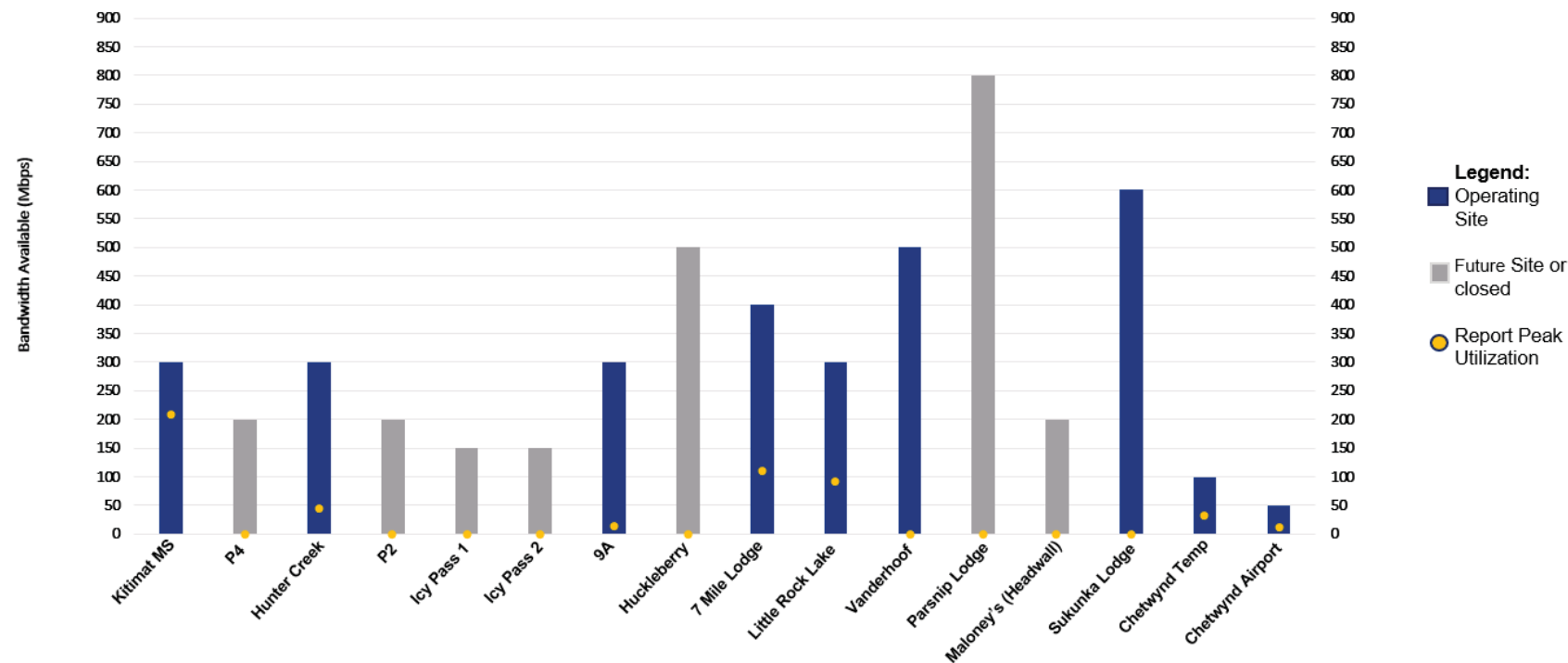
Notes: The Kitimat MS, Chetwynd Temporary, and Chetwynd Airport facilities are Project offices.

Lodge Wi-Fi Availability and Peak Utilization, June 15th – June 30th



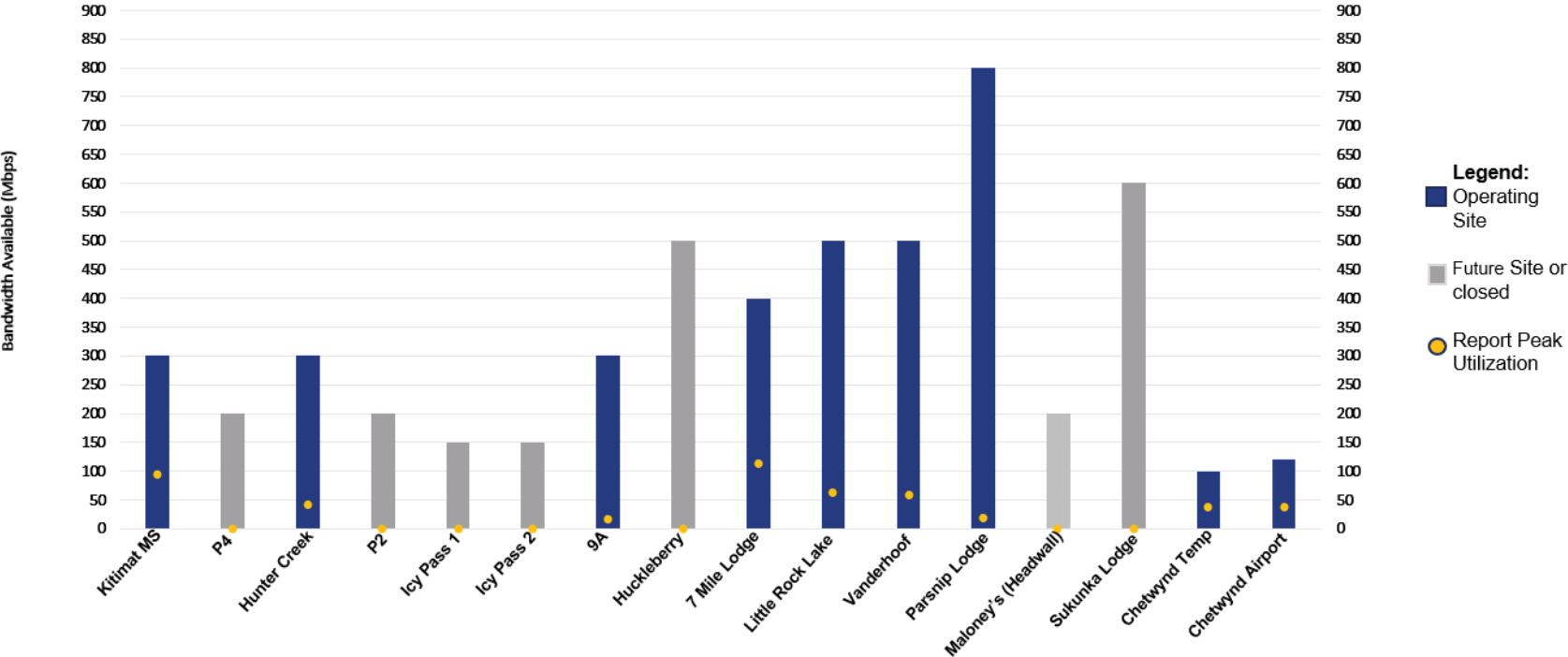
Notes: The Kitimat MS, Chetwynd Temporary, and Chetwynd Airport facilities are Project offices.

Lodge Wi-Fi Availability and Peak Utilization, July 1st – July 15th



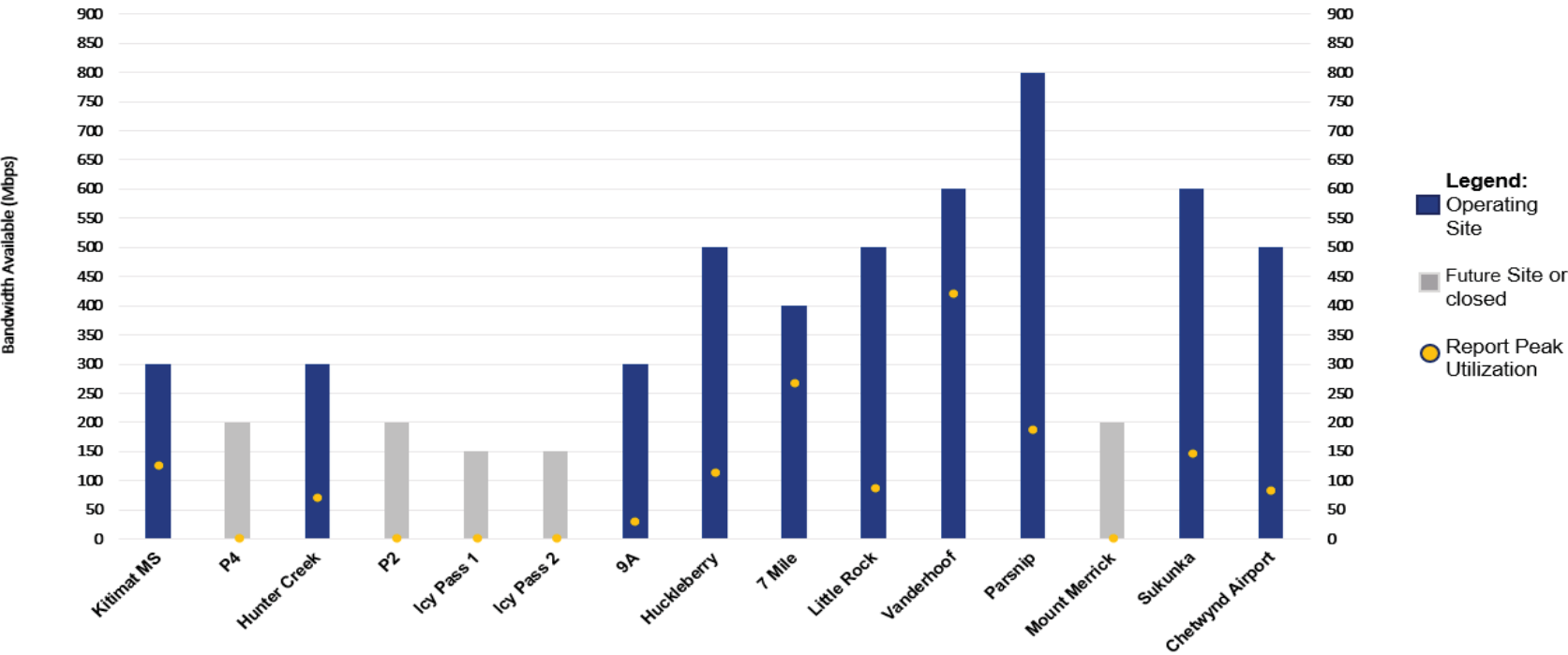
Notes: The Kitimat MS, Chetwynd Temporary, and Chetwynd Airport facilities are Project offices.

Lodge Wi-Fi Availability and Peak Utilization, July 16th – July 30th



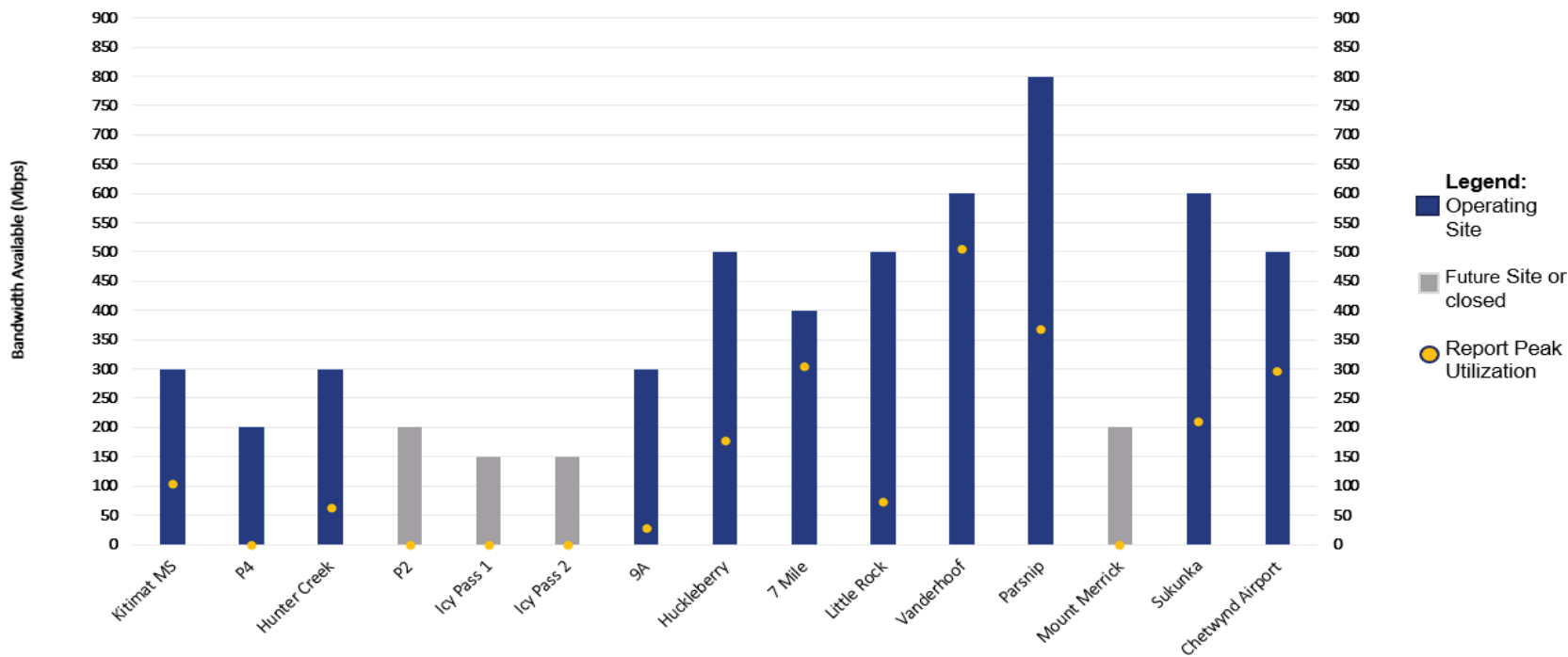
Notes: The Kitimat MS, Chetwynd Temporary, and Chetwynd Airport facilities are Project offices.

Lodge Wi-Fi Availability and Peak Utilization, August 1st – 31st



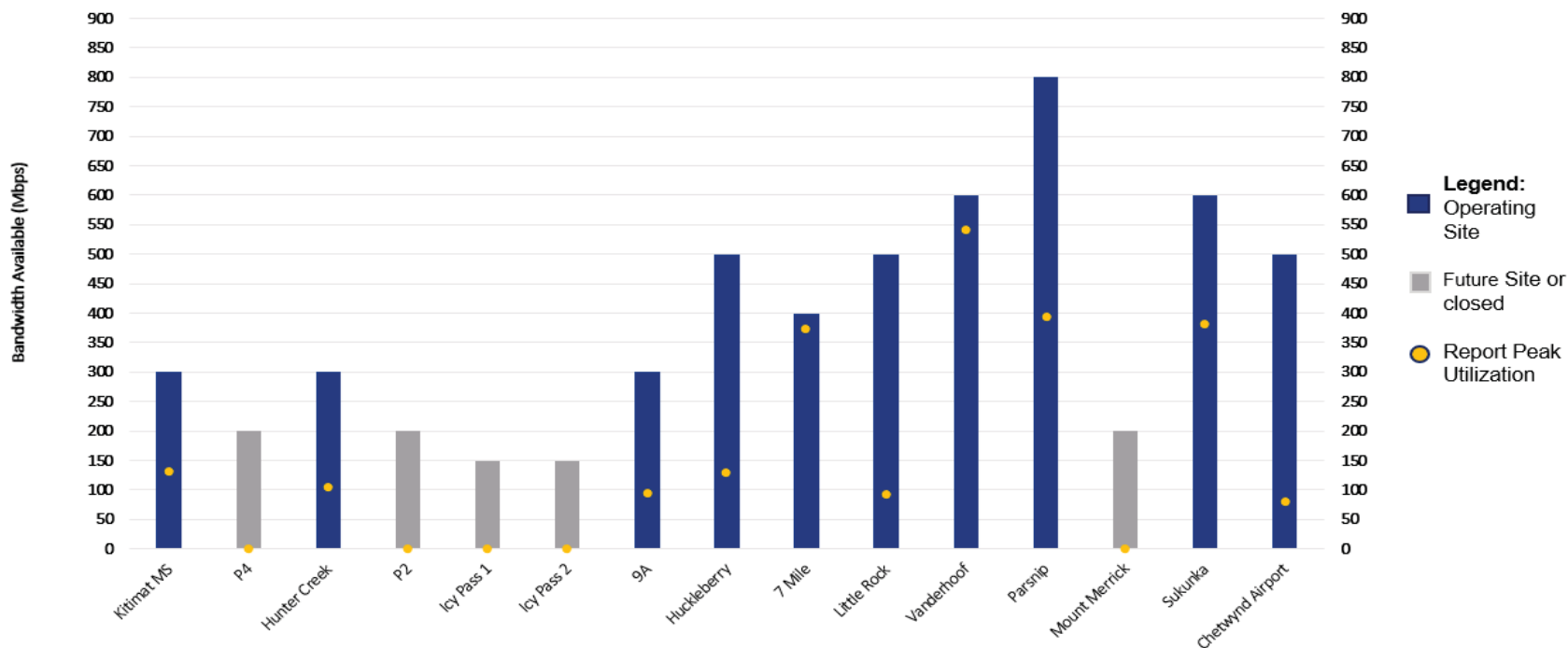
Notes: The Kitimat MS, Chetwynd Temporary, and Chetwynd Airport facilities are Project offices.

Lodge Wi-Fi Availability and Peak Utilization, September 1st – 30th



Notes: The Kitimat MS, Chetwynd Temporary, and Chetwynd Airport facilities are Project offices.

Lodge Bandwidth Availability and Peak Utilization: October 1st – 30th



Notes: The Kitimat MS, Chetwynd Temporary, and Chetwynd Airport facilities are Project offices.

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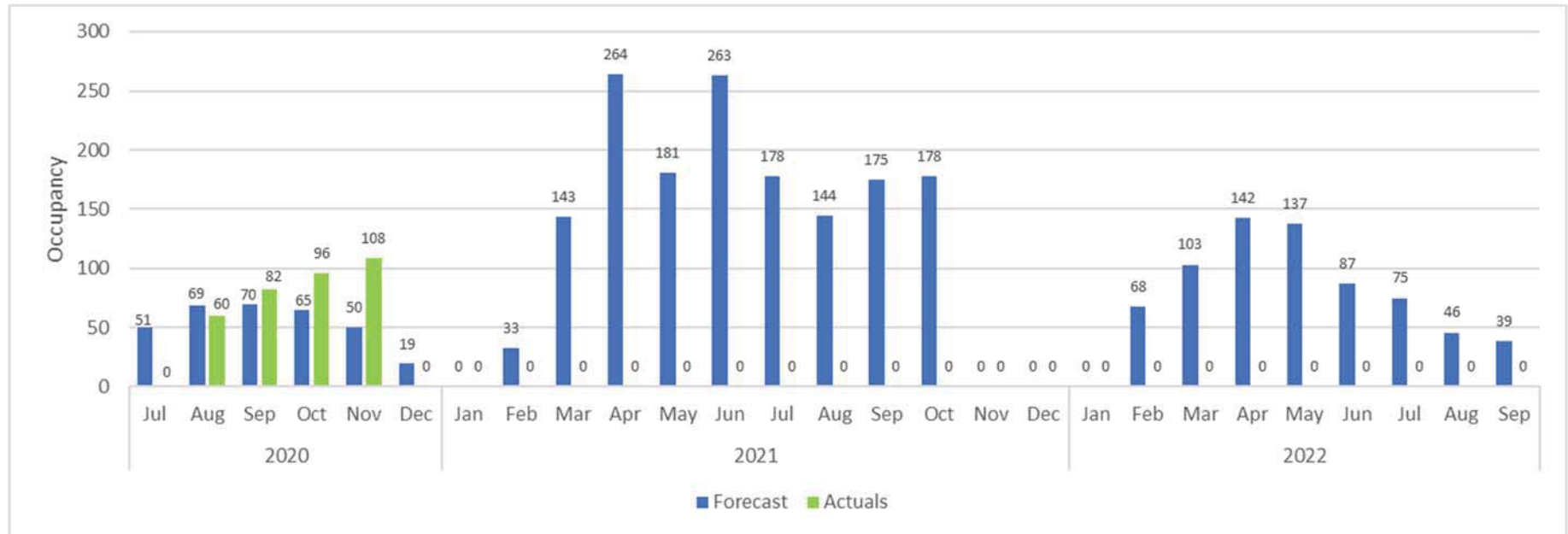
June to November 2020

Appendix E

Appendix E

Workforce Accommodations – Planned vs Actual Peak Occupancy Charts

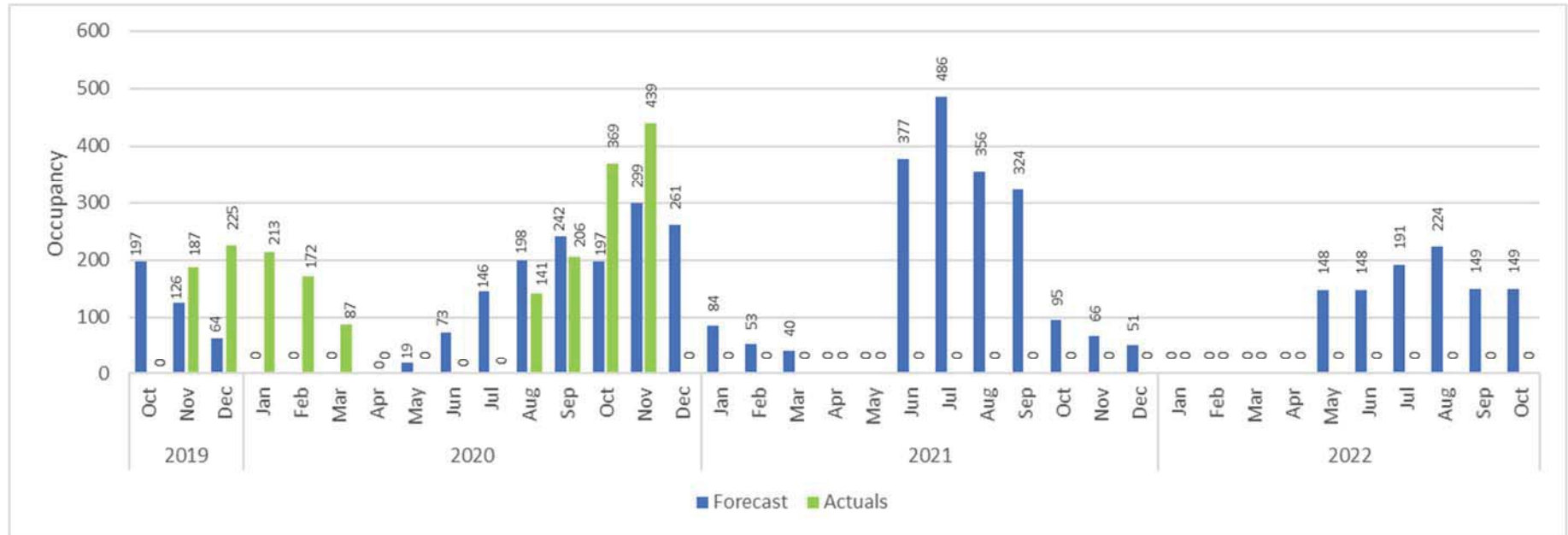
Sanataa Lodge (Section 1): Planned vs Actual Peak Occupancy



Notes:

- Data is current as of November 2020.
- Peak occupancy is recorded as the highest occupancy day within a given month.

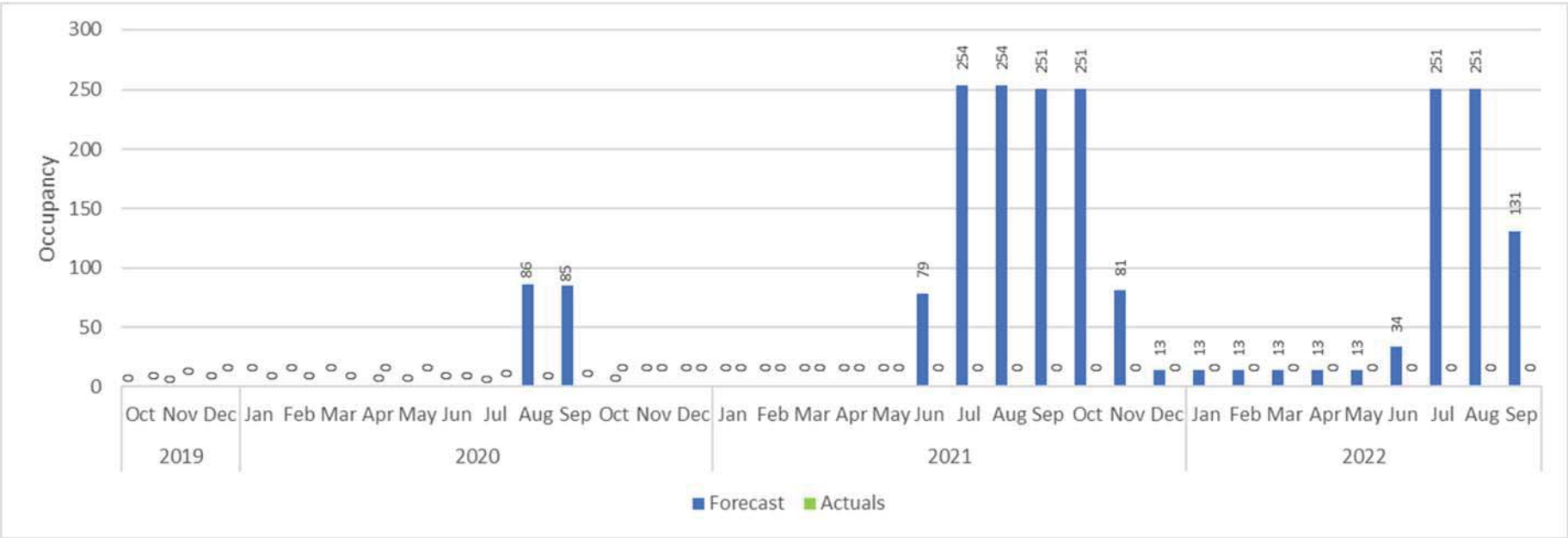
Sukunka Lodge (Section 2): Planned vs Actual Peak Occupancy



Notes:

- Data is current as of November 2020.
- Peak occupancy is recorded as the highest occupancy day within a given month.

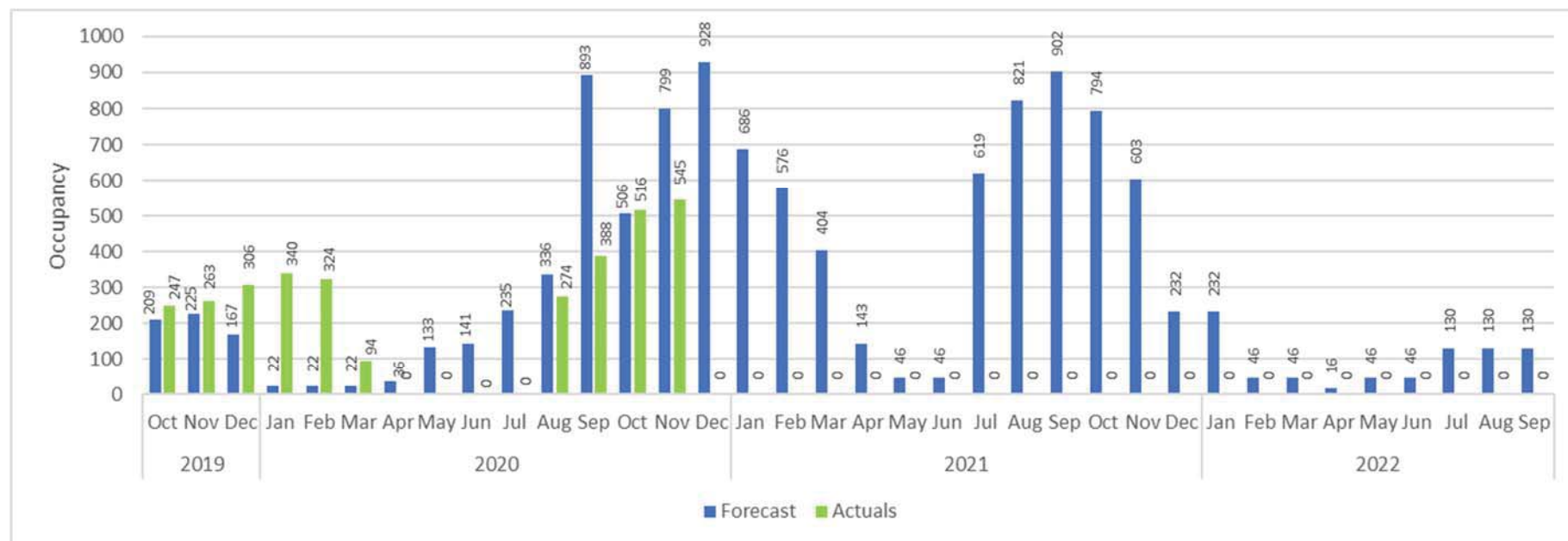
Mount Merrick (Headwall) Lodge (Section 2): Planned vs Actual Peak Occupancy



Notes:

- Data is current as of November 2020.
- Peak occupancy is recorded as the highest occupancy day within a given month.

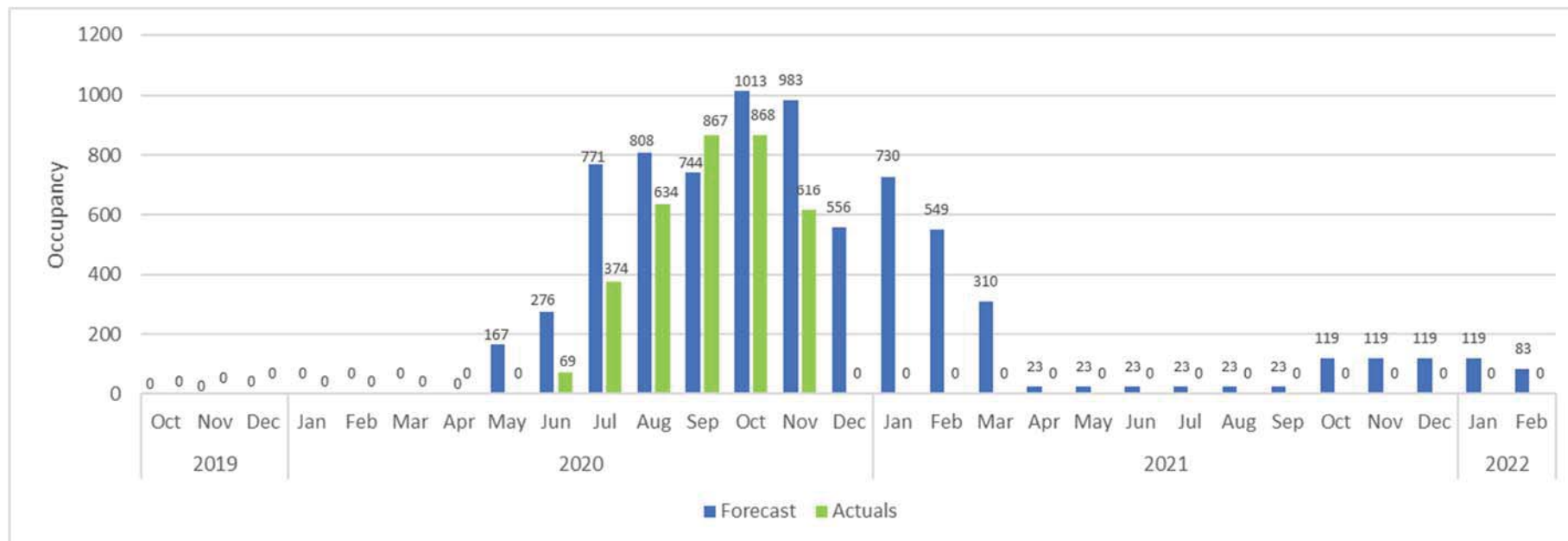
Parsnip Lodge (Section 3): Planned vs Actual Peak Occupancy



Notes:

- Data is current as of November 2020.
- Peak occupancy is recorded as the highest occupancy day within a given month.

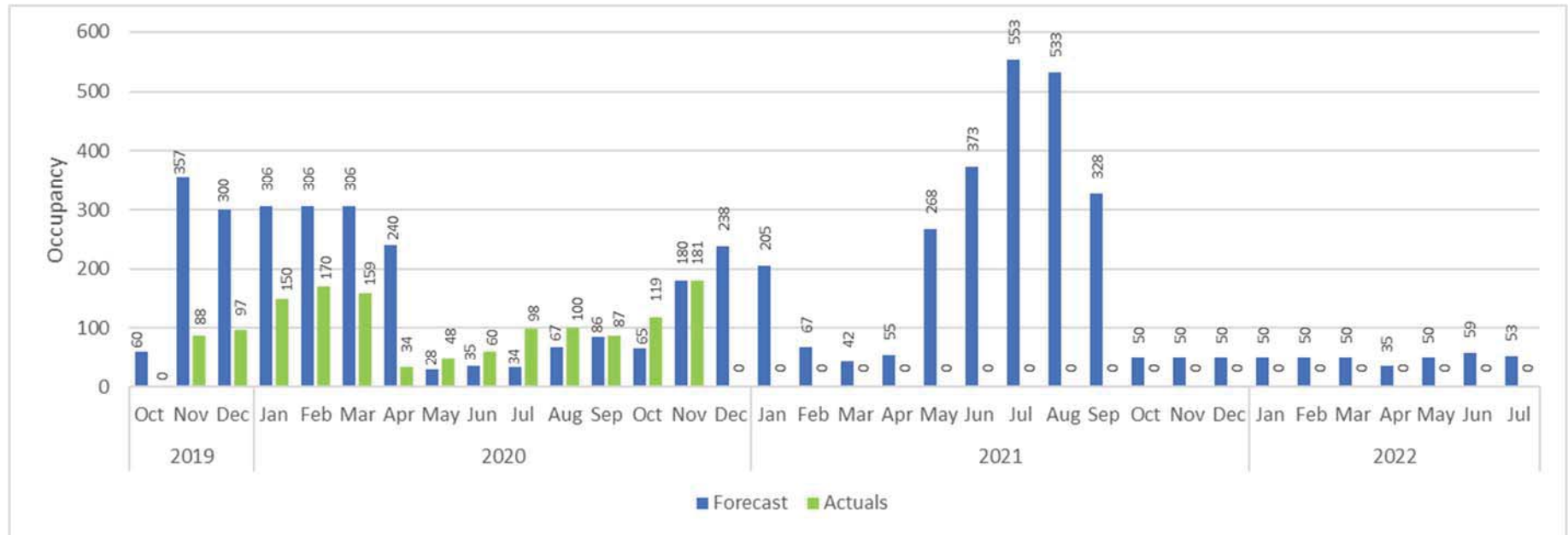
Vanderhoof Lodge (Section 4): Planned vs Actual Peak Occupancy



Notes:

- Data is current as of November 2020.
- Peak occupancy is recorded as the highest occupancy day within a given month.

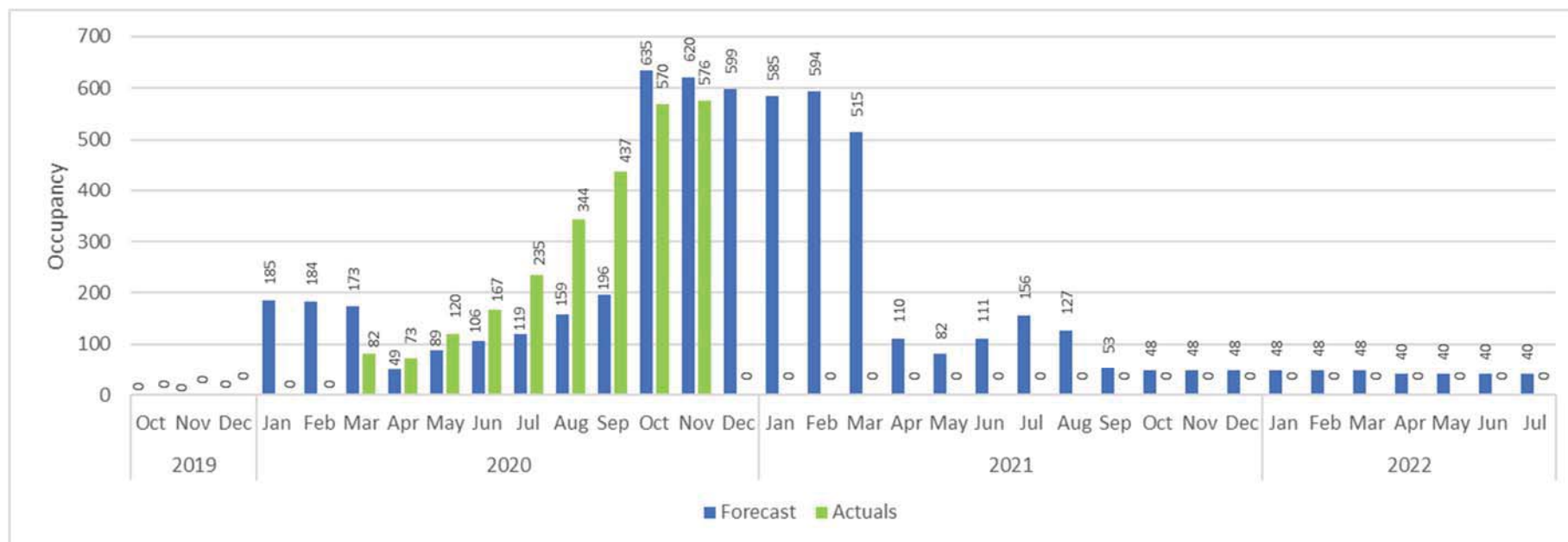
Little Rock Lake Lodge (Section 5): Planned vs Actual Peak Occupancy



Notes:

- Data is current as of November 2020.
- Peak occupancy is recorded as the highest occupancy day within a given month.

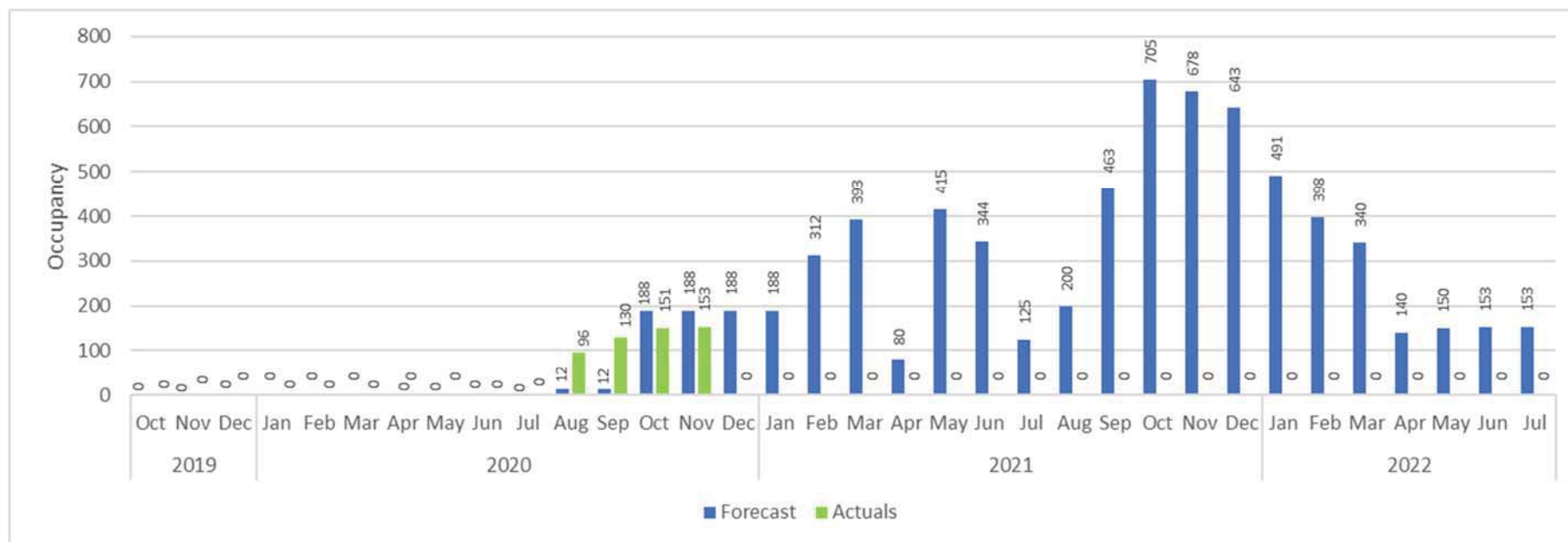
7-Mile Lodge (Section 6): Planned vs Actual Peak Occupancy



Notes:

- Data is current as of November 2020.
- Peak occupancy is recorded as the highest occupancy day within a given month.

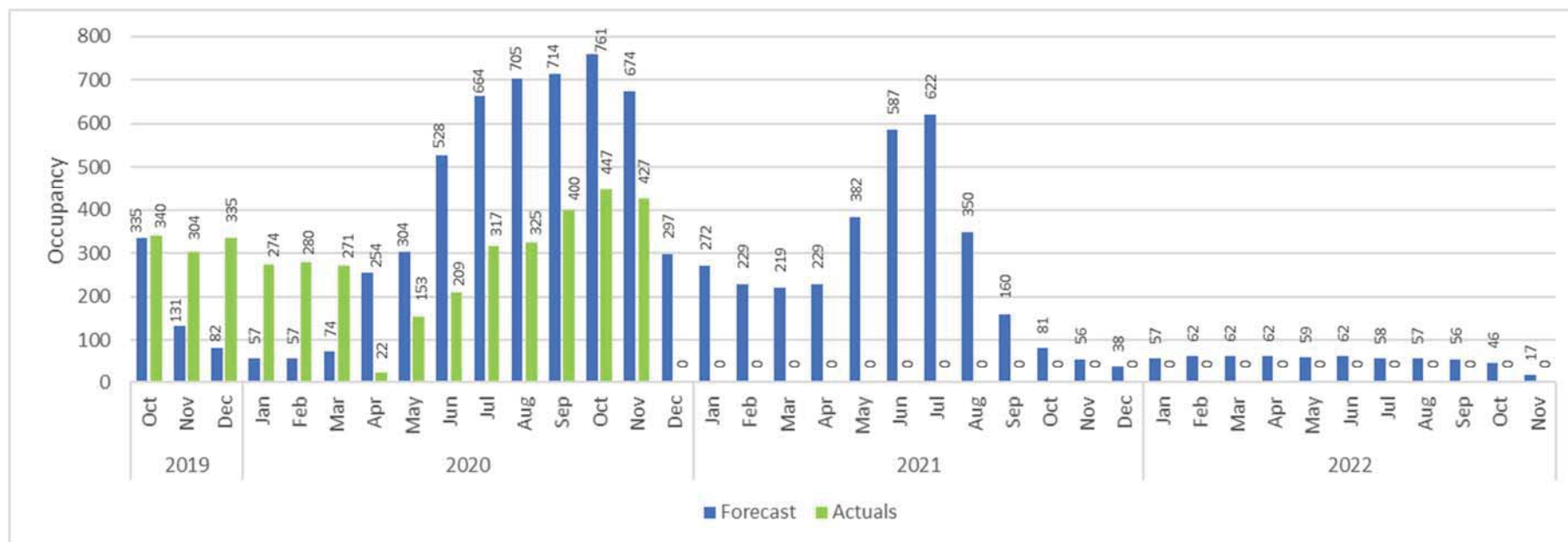
Huckleberry Lodge (Section 7): Planned vs Actual Peak Occupancy



Notes:

- Data is current as of November 2020.
- Peak occupancy is recorded as the highest occupancy day within a given month.

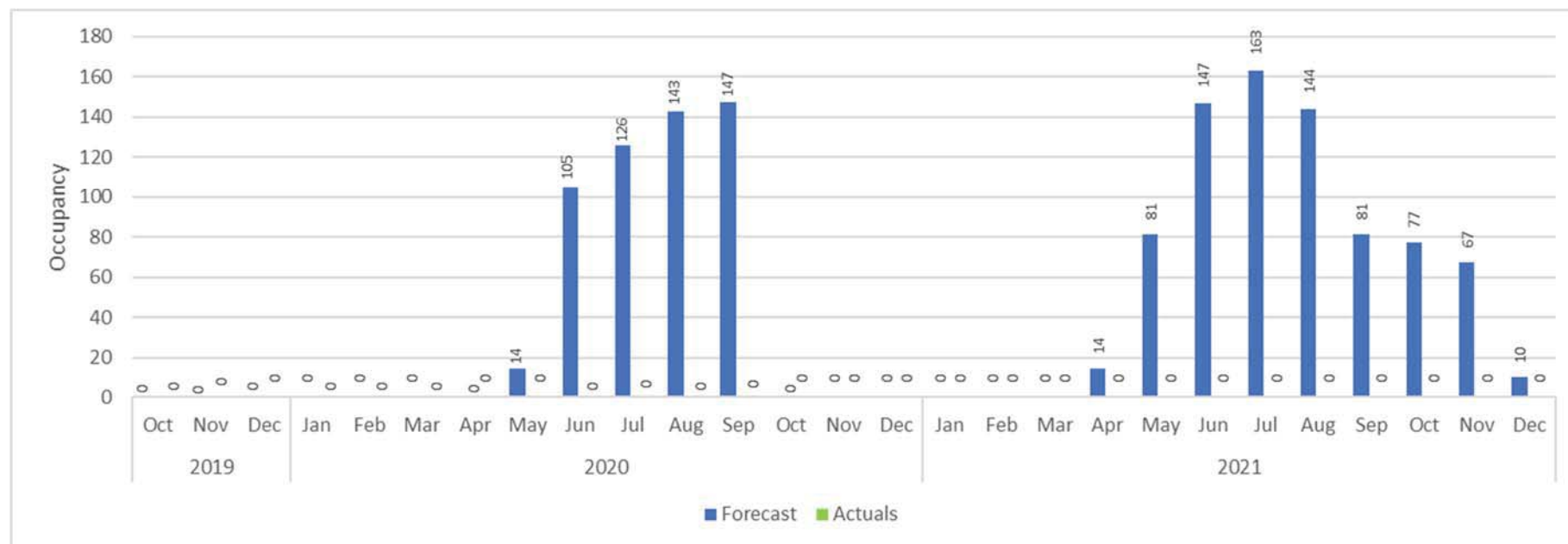
Sitka Lodge (Section 8): Planned vs Actual Peak Occupancy



Notes:

- Data is current as of November 2020.
- Peak occupancy is recorded as the highest occupancy day within a given month.

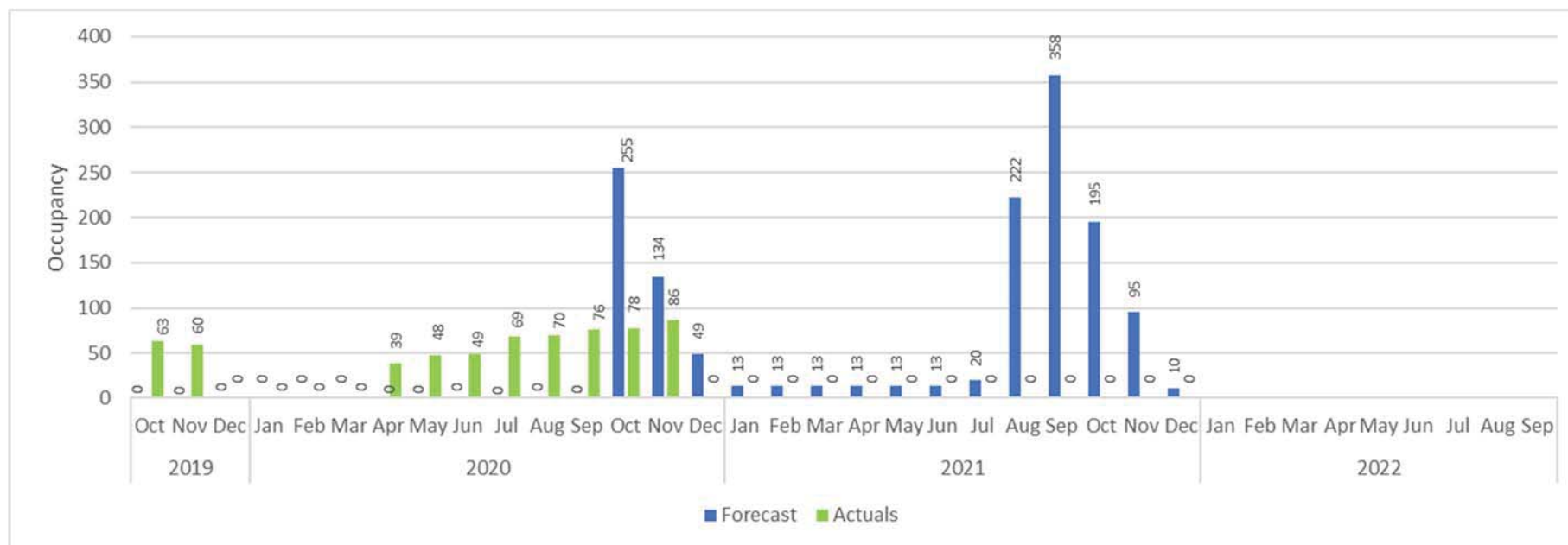
P4 Lodge (Section 8): Planned vs Actual Peak Occupancy



Notes:

- Data is current as of November 2020.
- Peak occupancy is recorded as the highest occupancy day within a given month.
- P4 Lodge construction has been halted until further notice.

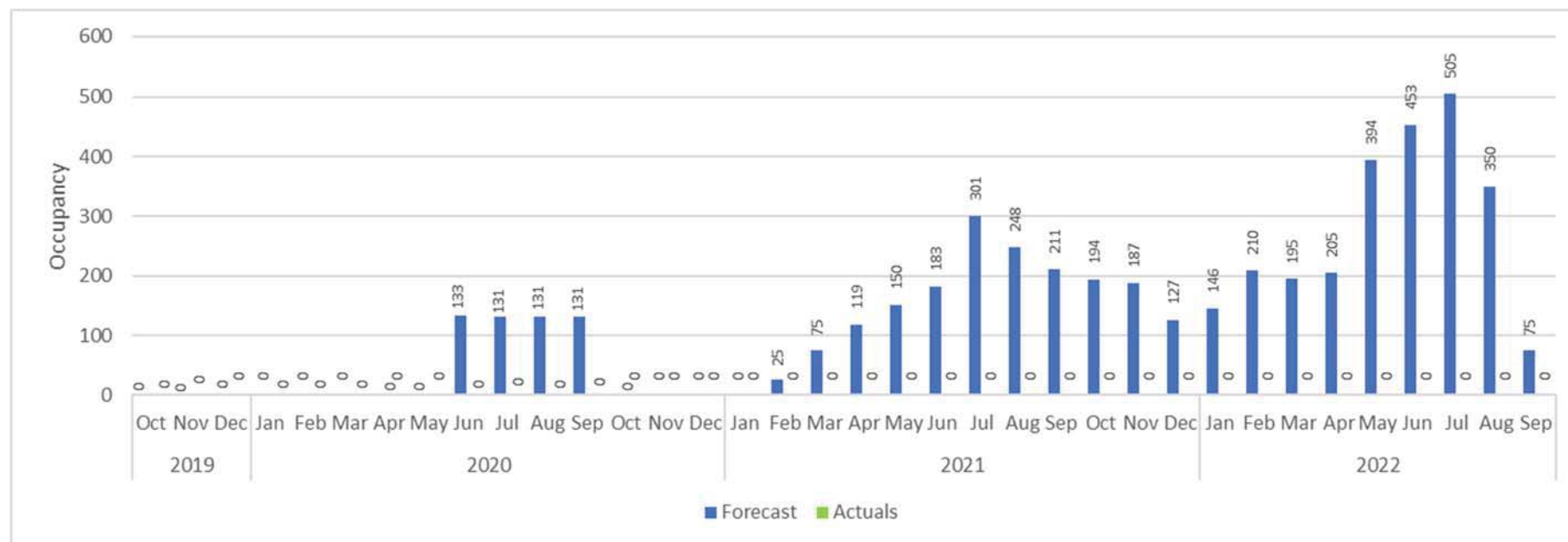
Hunter Creek Lodge (Section 8): Planned vs Actual Peak Occupancy



Notes:

- Data is current as of November 2020.
- Peak occupancy is recorded as the highest occupancy day within a given month.

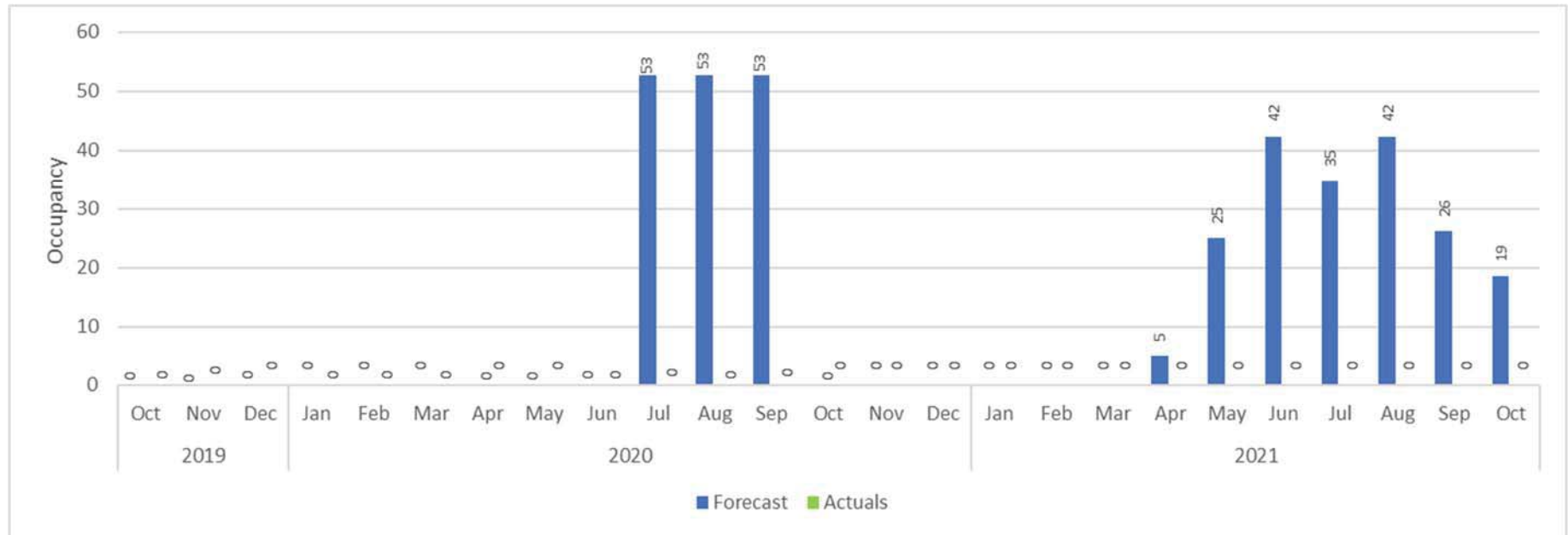
P2 Lodge (Section 8): Planned vs Actual Peak Occupancy



Notes:

- Data is current as of November 2020.
- Peak occupancy is recorded as the highest occupancy day within a given month.

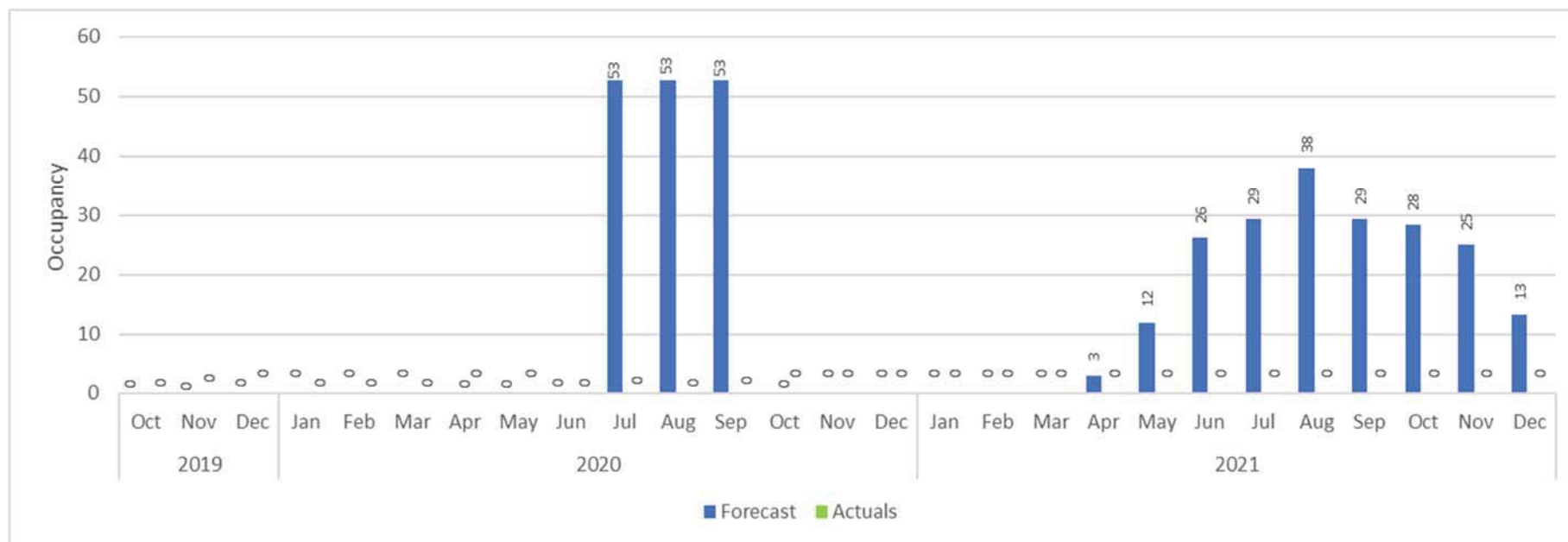
Icy 1 Lodge (Section 8): Planned vs Actual Peak Occupancy



Notes:

- Data is current as of November 2020.
- Peak occupancy is recorded as the highest occupancy day within a given month.

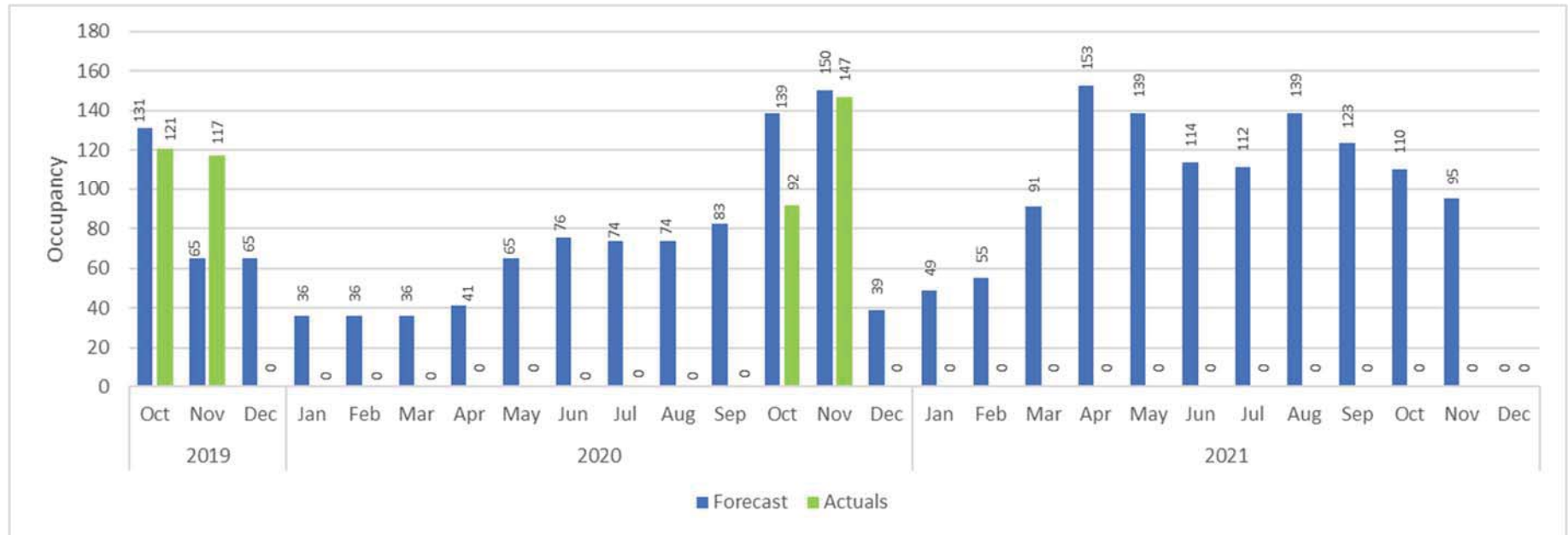
Icy 2 Lodge (Section 8): Planned vs Actual Peak Occupancy



Notes:

- Data is current as of November 2020.
- Peak occupancy is recorded as the highest occupancy day within a given month.

9A Lodge (Section 8): Planned vs Actual Peak Occupancy



Notes:

- Data is current as of November 2020.
- Peak occupancy is recorded as the highest occupancy day within a given month.