



# **SEEMP Status Report No. 5 December 2020 to May 2021**

**CGL4703-CGP-SE-RPT-0029**

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**Revision 0**

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## 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 (the 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, December 2020 to May 2021 (the reporting period), there were no observed effects attributable to Coastal GasLink on regional and community infrastructure and services that would change the predictions of the social and economic assessment presented in the Application. Coastal GasLink continues to work closely with Northern Health and the Project's Prime Contractors 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 the workforce, their families, as well as Indigenous partners and local communities along the project corridor.

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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 submits semi-annual SEEMP status reports directly to the BC EAO, the Ministry of Municipal Affairs (MUNI) and SEEMP contacts. A final construction monitoring report will be submitted within two years after Project construction is completed. SEEMP status reports are made publicly available on the Project's website at [CoastalGasLink.com](http://CoastalGasLink.com).

This is the fifth SEEMP status report. It describes SEEMP implementation between December 2020 and May 2021. 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 No.	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
5	December 2020 – May 2021	June 2021

## 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 bcf/d with the potential expansion for additional transportation capacity of up to approximately 5 bcf/d.

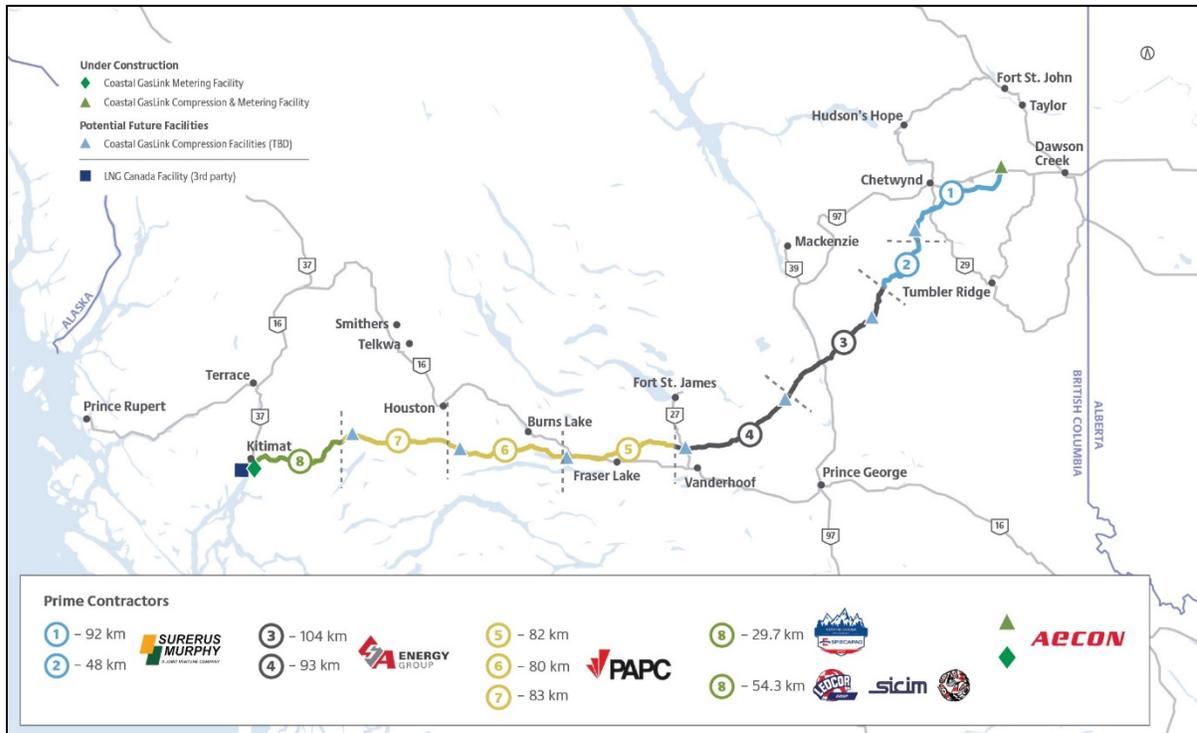
On October 2, 2018, TransCanada Corporation, now TC Energy Corporation (TC Energy), announced that it would proceed with construction of Coastal GasLink after a decision to sanction the LNG Canada natural gas liquefaction facility in Kitimat was announced by the joint venture participants of LNG Canada.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

On May 10, 2021, Coastal GasLink's EAC amendment application for the Groundbirch Connector was granted by the BC EAO. The Groundbirch Connector is an approximately 3-km pipeline that would begin at a NOVA Gas Transmission Ltd. System (NGTL) interconnect and end at Coastal GasLink's Wilde Lake Compressor Station.

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 six Prime Contractors to construct the proposed Coastal GasLink Pipeline Project:

- Aecon Group Inc. (Aecon)
- Ledcor Haisla Limited Partnership (LHLP)
- 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 Corridor Map



## 2.1 COVID-19 UPDATE

Since the start of the global COVID-19 pandemic in March 2020, Coastal GasLink has operated within quickly evolving circumstances. B.C. was subject to Provincial Health Officer (PHO) orders that restricted personal mobility and the conduct of business and public services. Localized COVID-19 outbreaks appeared in northern B.C. and in response, the Northern Health Authority (Northern Health) created a Facility Outbreak Management Team (FOMT) drawn from several health specialties. Northern Health encouraged major projects, such as Coastal GasLink, to adopt a policy of transparency and public accountability around the pandemic.

On December 19, 2020, Northern Health declared a COVID-19 outbreak at Coastal GasLink's 7 Mile Road Lodge and Little Rock Lake Lodge. Daily meetings and case number updates took place among Coastal GasLink, the Prime Contractor (PAPC) and Northern Health. Coastal GasLink and PAPC created their own FOMT to manage the Project's response to the outbreak. Meanwhile, Coastal GasLink worked with Northern Health to strengthen its Project-wide COVID-19 Management Plan.

On December 29, 2020, the PHO issued an order (the Industrial Camps Order) directed at major industrial projects in the Northern Health service area. The order was issued to reduce the risks of COVID-19 transmission in the Northern Health

region by placing significant limits on the workforce remobilization of five major industrial projects after the holiday break, including Coastal GasLink. As a result, many of Coastal GasLink's seasonal construction activities were delayed including full mobilization of the construction crews needed to progress construction. Allowable construction activities focused on mitigating risks to the environment, pipeline integrity and safety, worksite/facility maintenance and security, safe access and continued work on tasks that could not be stopped or delayed.

On January 21, 2021, Northern Health determined that the outbreak at the two Coastal GasLink lodges was over. Fifty-six positive cases associated with the outbreak had been identified, all of whom recovered.

In February 2021, the PHO provided provisional approval for Coastal GasLink to mobilize additional personnel across the project corridor to address critical safety, environmental and integrity risks ahead of the spring thaw. The workforce increase did not enable significant construction remobilization. Appendix A includes details related to enhanced COVID-19 protocols implemented upon the workforce's return to work.

On April 13, 2021, the PHO rescinded the Industrial Camps Order and issued a new order that applied to all industrial projects in the Northern Health region. The updated order permitted Coastal GasLink to further increase its workforce and resume construction while continuing to follow the protocols developed in the comprehensive COVID-19 Management Plan. This enhanced plan included health and safety measures designed in accordance with public health guidelines to help keep workers and communities safe, such as ongoing workforce testing for all workers arriving on site.

Lessons learned from the outbreak and the intensive planning and support that occurred in collaboration with Northern Health led to positive outcomes. In particular, Northern Health has expressed greater confidence in Coastal GasLink's ability and capacity to manage the complexities of COVID-19 on site.

As of May 31, 2021, Coastal GasLink had recorded 93 cases of COVID-19 among on-site Project employees since March 2020. Of those recorded cases, 15 occurred between January and May 2021. At Coastal GasLink, nothing matters more than the health and safety of workers, their families and local communities. Coastal GasLink continues to engage directly with adjacent Indigenous communities and local governments throughout the ongoing pandemic and the Project workforce continues to follow Dr. Bonnie Henry's guidelines for industrial camps.

### 2.1.1 Enhanced COVID-19 Management Plan

During the reporting period, Coastal GasLink collaborated with provincial and local health authorities to develop and adopt an enhanced COVID-19 Management Plan. The enhanced plan includes the following elements:

- Retained B.C.'s Dr. Allan Holmes and Iridia Medical to provide additional expertise in prevention efforts including procedures, culture and communication.
- Implemented a standard set of protocols across the Project for consistency among Prime Contractors and workforce lodges.
- Enforced strict adherence to COVID-19 rules, including mandatory masking, with progressive discipline up to and including termination for those who do not comply.
- Adopted the Northern Facility Lead Outbreak System for rapid response to identified outbreaks.
- Restricted workforce travel to local communities and between workforce accommodations.
- Enhanced workforce training and education related to COVID-19 protocols.
- Integrated these steps with the ongoing medical support provided by the Project's private medical service provider, International SOS.

### 2.1.2 Enhanced COVID-19 Testing

Initially, Coastal GasLink had screened employees for possible infection through questionnaires and daily temperature checks. On February 22, 2021, Coastal GasLink introduced a mandatory pre-access COVID-19 Polymerase Chain Reaction (PCR) testing program to detect asymptomatic cases among employees coming to site. As of May 31, 2021, approximately 4,241 PCR tests had been conducted, which identified seven positive cases.

On May 27, 2021, Coastal GasLink began Rapid Antigen Diagnostic (RAD) testing as a pre-access screening enhancement that provides results within 30 minutes. All new arrivals and workers returning after being away for more than one day will receive RAD testing. Workers living locally outside of workforce accommodations will receive RAD testing weekly. RAD testing results were not yet available during the reporting period.

Employees who show potential COVID-19 symptoms are swabbed by International SOS on site to minimize the impact to local health services. Provincial guidelines required individuals with symptoms suggestive of COVID-19 to begin self-isolation immediately, inform their employer, and not report to work. If the individual was staying within a Coastal GasLink accommodation, they were relocated to an area of the facility separate from others, asked to complete an online self-assessment tool and

placed under the care of the site medical officer. Wherever they were living, Coastal GasLink's workers were provided the necessary support to stay in isolation unless a higher level of care was needed.

### 2.1.3 Industrial Workforce Vaccination Program

In March 2021, Coastal GasLink was informed that Northern Health would provide AstraZeneca/SII vaccines to large-scale industrial sites in the Northern Health region. This program was initiated and approved under the provincial vaccination strategy to address risks and ensure the most effective distribution of vaccines possible.

To qualify for participation, Coastal GasLink provided documentation that the Project's clinics and health professionals could meet the same standards as public clinics. Coastal GasLink also sourced and purchased vaccination supplies. The vaccinations were administered to Project personnel on a voluntary basis at Coastal GasLink sites by International SOS staff, beginning on March 22, 2021. The participation of Coastal GasLink and other industrial employers in this program enabled the vaccination of thousands of workers in the Northern Health region without shifting resources from the public health care system.

As per Northern Health and the province of B.C.'s guidelines, industrial employers suspended the vaccination program in early April 2021 for northern B.C. workers while health experts internationally considered whether the use of the AstraZeneca/SII vaccine should be age-restricted. Upon further review, the program was resumed on April 20, 2021, in accordance with Northern Health's guidelines.

## 2.2 PROJECT CONSTRUCTION UPDATE

In accordance with the Industrial Camps Order, critical work including erosion and sediment control, asset integrity and site security were prioritized ahead of spring breakup. As of April 30, 2021, total construction progress was estimated at 26%, with 1,563 workers across the project corridor.

Spring breakup refers to the time of year when field construction work is reduced due to soft ground conditions caused by melting snow and thawing. Consequently, the Project's workforce is typically reduced annually between April and June.

Highlights during the reporting period include the following:

- Horizontal directional drilling at the Murray River crossing started in December.
- On March 29, 2021, Coastal GasLink recorded full receipt of the 692 kilometers of line pipe required for the pipeline, which included additional pipe length for contingency purposes. The Project successfully achieved a Zero is Real milestone with zero safety incidents associated with line pipe deliveries to the project

corridor. Over half of the Project's line pipe, 367 kilometers, were sourced from EVRAZ in Canada. The remaining pipe was sourced from India and Japan.

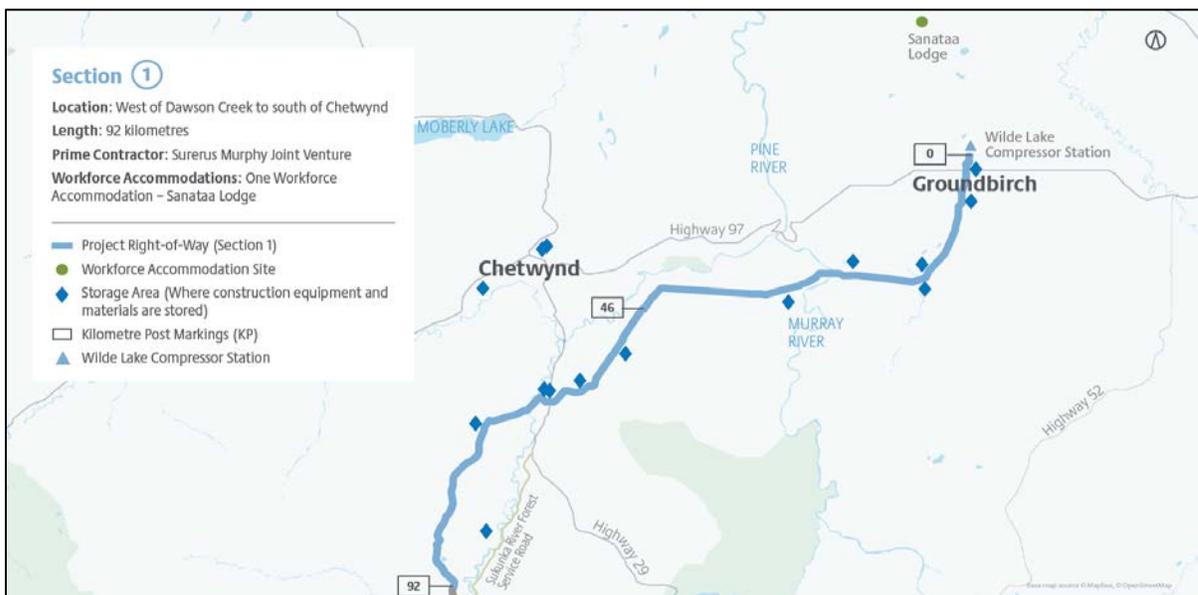
- The Industrial Camps Order was lifted on April 13, 2021, removing restrictions on the size of the Project's workforce.
- LHLP, a joint venture between Ledcor and the Haisla Nation, joined Coastal GasLink in May 2021 as the Project's sixth Prime Contractor. LHLP assumed responsibility for construction in Section 8 West, extending from kilometre point 612.7 in the Regional District of Kitimat-Stikine to the LNG Canada site in Kitimat.

### 2.2.1 Section 1: West of Dawson Creek to South of Chetwynd Prime Contractor: SMJV

As of April 2021, approximately 100% of the project corridor was cleared, 95% was graded and 71% of pipe installation was completed in Section 1. Horizontal directional drilling at the Murray River crossing started in December 2020.

The Sanataa Lodge closed in February 2021 due to the Industrial Camps Order and reopened during the last week of April 2021.

Figure 2-2: Section 1 Map



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

As of April 2021, approximately 100% of the project corridor was cleared, 11% was graded and 2% of pipe installation was completed in Section 2.

The Sukunka Lodge temporarily closed in December 2020 under the Industrial Camps Order and reopened in February 2021. Development of the Mount Merrick Lodge continued with workforce occupancy planned to start in June 2021.

**Figure 2-3: Section 2 Map**

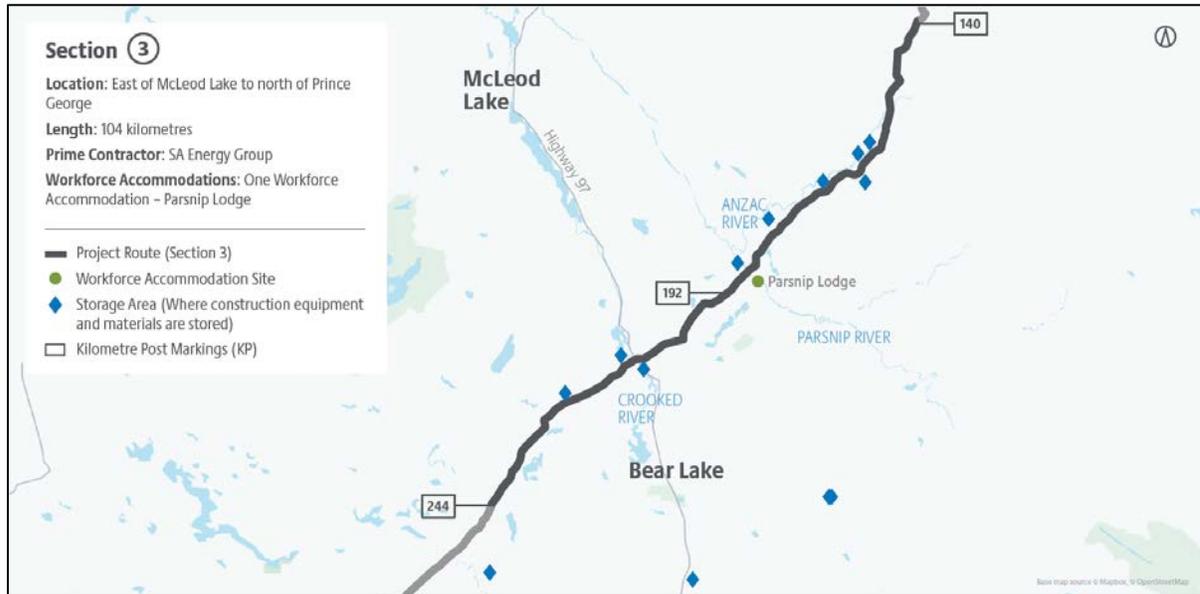


**2.2.3 Section 3: East of McLeod Lake to North of Prince George**  
**Prime Contractor: SA Energy**

As of April 2021, approximately 94% of the project corridor was cleared, 27% was graded and 9% of pipe installation was completed in Section 3. During April and May 2021, equipment and materials hauling was conducted overnight in Section 3 to mitigate potential impacts to forest service road users.

The Parsnip Lodge was closed in April 2021 due to safety considerations related to poor road conditions resulting from spring breakup.

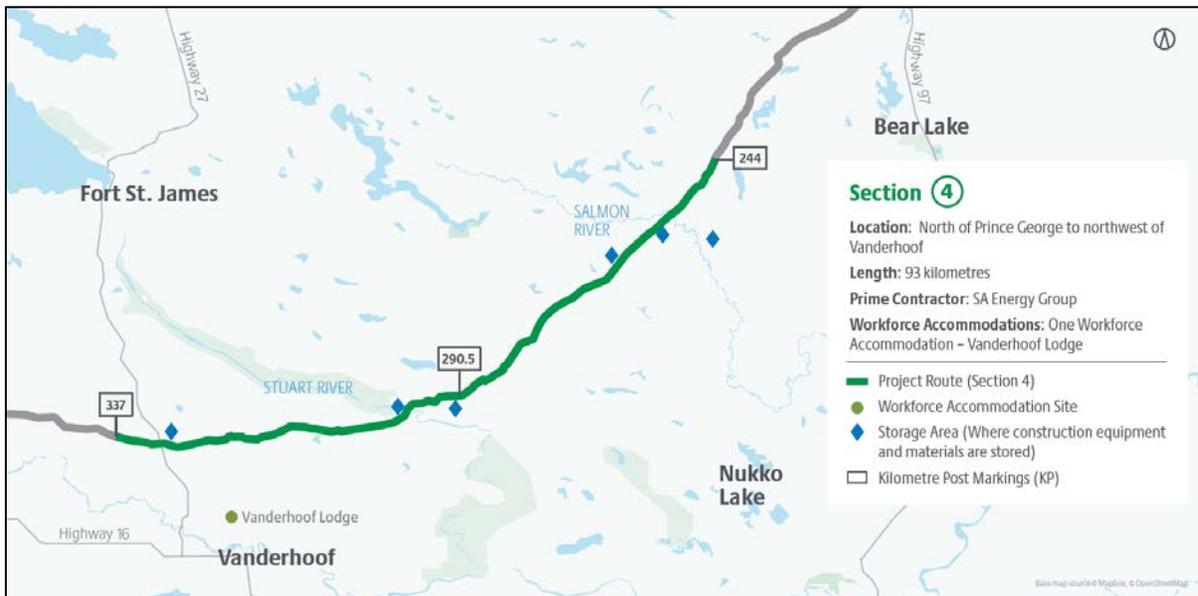
**Figure 2-4: Section 3 Map**



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

As of April 2021, the project corridor was 100% cleared and graded in Section 4. Approximately 90% of pipe installation has been completed. During April and May 2021, equipment and materials hauling was conducted overnight in Section 4 to mitigate potential impacts to forest service road users.

**Figure 2-5: Section 4 Map**



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

As of April 2021, the project corridor was 100% cleared in Section 5. Approximately 36% was graded and 5% of pipe installation has been completed.

Development at the Little Rock Lake Lodge during the reporting period included pond and drainage works as well as fencing installation.

**Figure 2-6: Section 5 Map**



**2.2.6 Section 6: South of Burns Lake to South of Houston**  
**Prime Contractor: PAPC**

As of April 2021, approximately 99% of the project corridor was cleared, 56% was graded and 17% of pipe installation was completed in Section 6. Limited access work and log hauling/processing occurred during the reporting period.

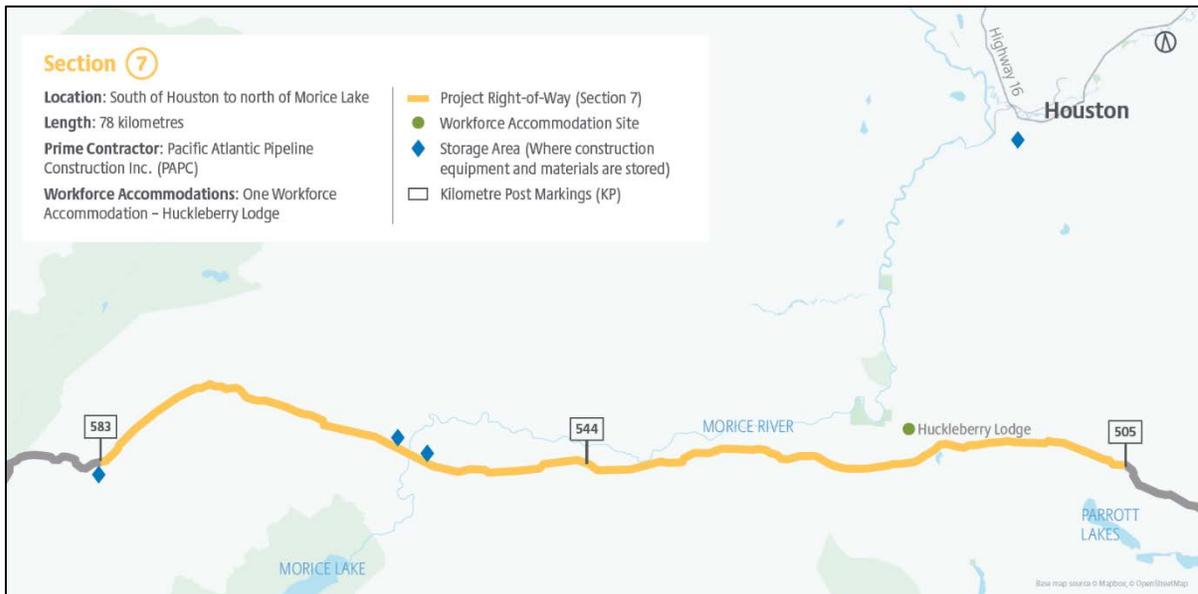
**Figure 2-7: Section 6 Map**



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

As of April 2021, approximately 79% of clearing was completed in Section 7. Limited civil works continued at Huckleberry Lodge and pipe shipments continued to be received at the Houston storage area.

**Figure 2-8: Section 7 Map**



**2.2.8 Section 8: North of Morice Lake to Kitimat**  
**Prime Contractors: MSJV and LHLP**

As of April 2021, approximately 76% of the project corridor was cleared, 39% was graded and 5% of pipe installation was completed in Section 8. Cable crane tower setup continued during the reporting period in advance of pipe installation through the Coast Mountains.

In April 2021, development of the P2 Lodge in Section 8 East began with workforce occupancy planned to start in June 2021.

**Figure 2-9: Section 8 Map**



### **2.2.9 Facilities: Wilde Lake Compressor Station and Kitimat Meter Station Prime Contractor: Aecon**

As of April 2021, construction of the Wilde Lake Compressor Station in Section 1 was approximately 20% complete. During the reporting period, compressor units and ancillary building supply deliveries continued in preparation for the summer construction program. Full construction of the compressor station resumed in late April 2021.

As of April 2021, construction of the Kitimat Meter Station in Section 8 was approximately 90% complete and the installation of the BC Hydro powerline was completed. Full construction of the meter station resumed in May 2021.

## **3.0 ENGAGEMENT**

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

During SEEMP engagement, communities were interested in discussing potential local economic impacts resulting from the Industrial Camps Order. Project-specific COVID-19 safety measures, mental wellness, employment and contracting, education and training, transportation infrastructure and local accommodations were also key topics of interest during SEEMP engagement across the Project.

## **3.1 PROJECT ENGAGEMENT**

Coastal GasLink continued meaningful interactions and engagements with Indigenous groups regarding Project-related commitments, topics and activities. During the reporting period, Coastal GasLink held 131 meetings with Indigenous groups including:

- 1 Indigenous Leaders meeting
- 3 site visits
- 3 community meetings
- 10 COVID-19 information sessions with Dr. Holmes
- 17 Liaison Committee meetings
- 30 consultation and engagement meetings
- 67 education, training and community investment meetings

In March 2021, TC Energy released its Reconciliation Action Plan, which described annual goals for Indigenous community investment, contracting, and Project equity agreements. Coastal GasLink has signed Project agreements with all 20 elected

Indigenous bands along the project corridor and recognizes the importance of principle-based engagement, a value reflected in the Reconciliation Action Plan.

Coastal GasLink presented to municipal council and regional district board meetings on eight occasions during the reporting period, bringing the total to 57 presentations since October 2018. Coastal GasLink held an additional 38 engagement meetings with local governments during the reporting period. Newspaper, radio, Project website updates 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.

To maintain open and transparent communication with communities during the ongoing COVID-19 pandemic, Coastal GasLink created a Virtual Open House (VOH) to continue engagement with the Project's Indigenous and local community partners, government officials, media representatives and the general public without having to travel or interact in-person with others. Included in the virtual online platform are an interactive Project map, a project corridor flyover video and 11 virtual stations with detailed fact sheets and subject matter expert insight into the Project's construction progress. The VOH opened to the public in April 2021 and will remain open throughout the summer to provide an opportunity to learn about the Project, raise questions and comments and share critical stakeholder feedback. By providing a convenient option which can be accessed from homes or workplaces, Coastal GasLink continues to engage and strive to leave an extraordinary legacy in B.C. during unprecedented times. The VOH can be accessed at [CoastalGasLink.com](https://CoastalGasLink.com).

In addition to engagement activities, Coastal GasLink continues to share Project information through its website, [CoastalGasLink.com](https://CoastalGasLink.com). Project COVID-19 updates, monthly construction updates and quarterly newsletters are also published on the website.

### 3.1.1 COVID-19

Since the declaration of the global COVID-19 pandemic in March 2020, Coastal GasLink has shared information transparently with Indigenous and local communities. Weekly updates on the number of workers employed by the Project, active cases and total cases to date have been available at [CoastalGasLink.com](https://CoastalGasLink.com), with briefings available on request.

Beginning on January 28, 2021, Coastal GasLink initiated virtual COVID-19 briefings for Indigenous and local communities in northern B.C. At these briefings, hosted bi-weekly, Coastal GasLink leadership and Dr. Allan Holmes provided updates and answered questions. Participants include elected officials, local governments and Indigenous groups. The response to the scheduled briefings has been positive.

## 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 38 contacts during the reporting period. The meetings included 13 Indigenous groups, 12 local governments and 13 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 services 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.

**Table 3-1: SEEMP Contacts**

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

#### 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.

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 continues to adapt its approach to meetings and events. The Project increased the use of digital technology to ensure regular communication with Indigenous leadership was maintained with respect to health and safety protocols established by many Indigenous communities. Within these protocols, Coastal GasLink 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.
- Coastal GasLink continued to work with Indigenous communities that have contracts associated with the Project to accurately understand the financial benefit that they receive from contract awards.
- Coastal GasLink communicated with relevant Indigenous and local communities and businesses regarding LHLP assuming responsibility as Prime Contractor on Section 8 West.
- In March 2021, Coastal GasLink hosted a virtual information session with the Independent Contractors and Businesses Association in northeastern B.C. The session included a discussion with SMJV and Aecon to address vendor readiness, joint venture philosophy and the information required for an effective bid proposal. Approximately 70 local businesses and chamber of commerce members attended.

- In March 2021, Coastal GasLink launched Contracting and Employment Task Forces (CETF) that meet bi-monthly with local Indigenous communities and the Project’s Prime Contractors. Intending to be an ongoing conversation, the CETFs provide a forum for communication, relationship building and problem solving. CETFs also include a rotating chair from a participating Indigenous community.
- Local communities reported economic effects of the demobilization of the Coastal GasLink workforce and restrictions on employee mobility that resulted from the Industrial Camps Order. The demobilization of Coastal GasLink workers staying in workforce accommodations had revenue effects for the Indigenous business partners in those ventures. In addition, a reduction in customers was noted by various local restaurants, hotels and retail businesses.
- Further to the identified potential adverse effect on an Indigenous or local business’s ability to participate in the subcontracting process, Table 4-1 shows the available data on Indigenous and local contract award values to March 2021. 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 March 2021**

Business Type	Subcontract Award Value <sup>1</sup>	Percentage of Total Subcontract Award Value <sup>2</sup>
Local (B.C.)	\$1.03 billion	93%
Indigenous <sup>3,4</sup>	\$899.5 million	81%
<p><b>Notes:</b></p> <p><sup>1</sup> 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.</p> <p><sup>2</sup> The percentage calculation changed from SEEMP Status Report No. 4 to be based on the total value of subcontracts (\$1.10 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.</p> <p><sup>3</sup> 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.</p> <p><sup>4</sup> 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. Coastal GasLink acknowledges that the total dollar value of these contracts at award may not be the same as the total dollar value received as revenue share by the Indigenous partner.</p>		

#### 4.1.2 Mitigation Effectiveness in the Reporting Period

Local contracting opportunities were made available during the reporting period. Between November 2020 and March 2021, the Project and Prime Contractors awarded \$6.54 million in contracts to local businesses. The total contract value awarded to local (including Indigenous) businesses for the construction phase is approximately \$1.03 billion (see Table 4-1). Coastal GasLink anticipates that as the majority of procurement activities have already occurred in most construction sections, there will be limited increases to the contract award values for the remainder of construction.

#### 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 continued to provide Project information to local governments and key stakeholders in a timely manner. To assist local economic planning, monthly construction updates were made publicly available through the Project's website, [CoastalGasLink.com](http://CoastalGasLink.com), and shared by email directly to local governments.
- Coastal GasLink maintained membership and engaged with twelve northern B.C. chambers of commerce in communities along the project corridor during the reporting period.
- In January 2021, Coastal GasLink sponsored the TrueNorth Business Development Forum, a one-day event focused on enhancing northern B.C.'s economic resilience and prosperity. Coastal GasLink participated in a leadership panel titled Leading Through Disruption.
- In January 2021, Coastal GasLink contributed to the annual B.C. Natural Resources Forum, held virtually. The forum provided attendees a platform to network, collaborate and exchange ideas on building and maintaining a resilient natural resource sector in B.C.
- In February 2021, Coastal GasLink sponsored the Vanderhoof Chamber of Commerce's virtual Annual General Meeting.
- In April 2021, Coastal GasLink supported the Burns Lake Chamber of Commerce Annual General Meeting aimed at helping the local business community connect and engage with each other and with the Chamber's board of directors.
- In May 2021, Coastal GasLink sponsored the North Central Local Government Association's Annual General Meeting and Convention. Coastal GasLink held a

virtual booth and sat on the Building Sustainable Renewable & Non-Renewable Energy Resources panel.

#### **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. Throughout the duration of the Industrial Camps Order, communities expressed a desire for the return of workforce use of local and regional businesses. 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 to local businesses throughout the Project's 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**

- Student bursaries were made available to Indigenous and local individuals directly through the University of Northern B.C. (UNBC), Coast Mountain College (CMTN), College of New Caledonia (CNC) and Northern Lights College. Since 2014, Coastal GasLink has provided 558 bursaries and scholarships to post-secondary institutions in northern B.C.
- The TC Energy Scholarship program was made available to Indigenous and local applicants. See Sections 4.4.1 and 4.4.2 for more information on the scholarship program.
- Prime Contractors have requirements to submit monthly diversity and local employment reports to Coastal GasLink. See Appendix D for the latest information on employment numbers.
- Coastal GasLink continued to collaborate with the Ministry of Social Development and Poverty Reduction. Following the Project's information sessions held with WorkBC Centres in November 2020, Coastal GasLink shared a summary of anticipated employment opportunities with the Project's Prime Contractors. Coastal GasLink will continue to work with provincial agencies to update these projections throughout 2021.
- In January 2021, Coastal GasLink renewed its partnership with CNC to support unique programs like the Coastal GasLink Pathway to Pipeline Readiness: CNC Skills Fund Bursaries. Funding will also assist in the purchasing and upgrading of equipment for trades programs at five CNC campuses including Prince George, Burns Lake, Vanderhoof, Fort St. James and Mackenzie.

- In March 2021, Coastal GasLink sponsored and participated in the Stelat' en First Nation Career Fair. Coastal GasLink and PAPC gave a presentation on employment and training.
- In April 2021, Coastal GasLink renewed its partnership with UNBC to support civil and environmental engineering programs as well as funding for Indigenous students enrolled at UNBC over the next three years. These scholarships help address the need identified by Indigenous communities for flexible financial support.

#### **4.3.2 Mitigation Effectiveness in the Reporting Period**

Coastal GasLink's mitigation supports building and using skilled labour. Continued partnerships with local post-secondary institutions and collaboration with local WorkBC organizations support Indigenous and local hiring as an ongoing priority for Coastal GasLink's Prime Contractors.

#### **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 construction schedules, workforce skills requirements and expected demand for education services.
- 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.
- 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 (see section 4.3.1). Partnerships include UNBC, CMTN, CNC and Northern Lights College. Since 2014, Coastal GasLink has invested over \$1.28 million through post-secondary partnership agreements and approximately \$785,000 in skills training and pre-employment programs delivered by Indigenous training organizations in northern B.C. During the same period, TC Energy has contributed approximately \$1 million to education and training initiatives in the project area.
- The TC Energy Scholarship Program accepted applications between March and May 2021. The program offers scholarships to students across three categories including Indigenous Legacy, STEM and Trades. Following the application

review period, further scholarship awards information will be made available in 2021.

- Coastal GasLink provided skilled apprenticeship opportunities and supported local colleges and trades training providers to advance technical training opportunities for apprenticeships through direct financial support to trades training programs, trades training equipment, as well as trade bursaries and awards. SEEMP Status Report No. 4 highlighted skilled apprenticeship opportunities.
- Coastal GasLink sponsored six seats for representatives from local First Nation Economic Development offices to attend the Aboriginal Financial Officers Association Virtual Capacity Development Workshop on Fundamentals of Procurement and Contracting.
- Coastal GasLink sponsored Environmental Field Skills Certificate training for 10 Indigenous participants. Training was delivered by the Natural Resource Training Group and hosted by Witset First Nation.
- Coastal GasLink contributed toward driver training for Lheidli T'enneh First Nation members. Class 5 driving training for up to 10 community members was underway during the reporting period.
- In December 2020, Coastal GasLink contributed to the Vanderhoof Royal Canadian Air Cadet Squadron toward the purchase of a mobile classroom trailer to support the cadet outdoor education and leadership program. The trailer's capacity will accommodate approximately 40 local youths aged 12 to 18.
- In May 2021, Aecon began recruitment for the Pathways to Pipelines Program training to engage with and enhance the skills of interested candidates from identified Indigenous communities. 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.
- In May 2021, Coastal GasLink sponsored the SPARK Women's Leadership Conference. The conference is designed to help meet women's needs for professional and educational development in their careers and businesses.

#### 4.4.2 Legacy Training Initiatives

Coastal GasLink's Education Legacy Program invests in initiatives that build long-term, sustainable community capacity in northern B.C. During the reporting period, Coastal GasLink collected updates on past education and training initiatives that continue to generate benefits for B.C. communities. Since 2014, Coastal GasLink has invested approximately \$2.06 million in a wide range of education and training

activities including support for equipment purchases by training organizations, program delivery, bursaries and scholarships. TC Energy has contributed approximately \$1 million in the project area during the same period. Since 2019, Coastal GasLink's Prime Contractors have also sponsored skills training and safety training for their employees.

Education and training legacy activities include:

- Continued engagement 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 community priorities and the needs of the Project.
- As part of a 2014 training agreement with CMTN, Coastal GasLink contributed \$75,000 toward the outfitting of a Mobile Trades Training Unit. The unit has been in continuous use and helped to attract \$1.3 million in Government of Canada funding in 2019 to support mobile programs and the purchase of a second unit. The College stated, "We actually have a mobile campus which provides us to address community needs wherever they happen to be provided there is a road." The unit was used during a variety of recent training programs in northern B.C.:
  - Level 1 Carpentry training partnership with Gitksan Development Corporation and the Industry Training Authority in Hazelton during March 2020. Level 2 Carpentry training took place in Hazelton during fall 2020.
  - Carpentry Foundations training in Sik-e-Dakh (north of Hazelton) in April 2021. The unit is scheduled to move to Hazelton Secondary School for a Youth Explore Trades event later in summer.
  - The unit has traveled extensively throughout the region from the Nass Valley to Smithers, Kitimat, and Prince Rupert to deliver a variety of government funded training including Construction Trades Helper and Labourer, Residential Building Maintenance, and the Building a Community Workforce/Introduction to Trades programs.
- In 2014, TC Energy contributed \$400,000 to UNBC's Sustainable Communities Demonstration Project (SCDP). Through the SCDP, UNBC provided district heating to residences and other university buildings from its existing biomass gasification system. The SCDP expanded UNBC's renewable energy production and increased the market share for northern B.C. wood pellets. The SCDP also expanded the university's capacity for research and education, serving as a model of energy security and self-sufficiency for Canada's off-grid communities, many of which are located in B.C.
- As part of a 2015 training agreement with CNC, Coastal GasLink contributed \$150,000 to support the design and implementation of a Distance Delivery Initiative at six campuses (Mackenzie, Vanderhoof, Fort St. James, Burns Lake, Quesnel and Prince George). Coastal GasLink's funding enabled CNC to

purchase computer hardware and software for installation in digital classrooms in 2017. This upgrade has allowed CNC to offer its popular Bookkeeping Certificate program at all CNC sites, along with Commerce, English and Math. This funding allowed students in Burns Lake access to practical nursing training for the first time. CNC equipment was installed more recently at the Cheslatta Carrier Nation learning facility south of Francois Lake intended for academic upgrading, tutor training and accounting classes.

- Since 2015, Coastal GasLink funding to northern B.C. colleges and the UNBC have supported the distribution of scholarships and bursaries to 558 students, of whom approximately 240 identified as Indigenous. Additionally, TC Energy has awarded approximately 85 scholarships to B.C. residents since 2017, with the majority going to students from the North or the Interior. Coastal GasLink recently contacted two of the award recipients whose selection was noted in Project newsletters. Bianca, a two-time scholarship winner, graduated from UNBC in 2018 with a master's degree in Community Health Science, having completed a thesis presenting perspectives on diabetes in Indigenous communities. In spring 2021, Bianca was employed as a Research Associate at Carrier Sekani Family Services. Caragh, a nursing student who won a TC Energy scholarship in 2019 valued at \$10,000, was completing a work practicum at the Prince Rupert Regional Hospital in the spring of 2021 and looked forward to long-term employment in her home community at the Kitimat General Hospital.
- Coastal GasLink provided \$25,000 in support to the Outland Youth Employment Program West program each summer in 2018, 2019 and 2020. In a report to Coastal GasLink, program organizers stated that 22 young people completed the program in 2020, representing 14 northern and interior Indigenous communities. Of those 22 participants, 10 received credit for high school graduation during a summer of academic work and tree-planting, and 6 made progress towards high school graduation. Outland Youth reported that after the end of the 2020 session, 41% of participants returned to high school, 12% proceeded to post-secondary training and 47% entered the work force.
- Coastal GasLink contributed \$22,000 to the First Nations Education Foundation in 2020 to support the development of the Haislakala Living Dictionary over three years. The Foundation is collaborating with the Language and Education Department of the Haisla Nation to train sound technicians and mentors, conduct language workshops attended by community members of all ages and build a Haisla language archive. Benefits attested by the foundation in a recent statement to Coastal GasLink included:

*...pride in culture and language, self-esteem, self-awareness and a feeling of value, self-confidence leading to better school attendance, fewer social-community issues, increased prosperity and mental health, less burden to social systems.*

#### 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. Coastal GasLink continues to work toward leaving a legacy of meaningful training investment and development in local communities.

#### 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 medical services on site to treat Project personnel outside of the local health care system and vehicle transport for 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 the updated COVID-19 Management Plan.
- In December 2020, Coastal GasLink contributed to the Smithers-based Bulkley Valley Search and Rescue toward the purchase of new personal protective equipment. This equipment will be used by the search and rescue team's 16 new members.
- In March 2021, Coastal GasLink contributed to the KEY Resource Centre in Fort St. James toward an emergency response capacity upgrade, including the purchase of an automatic electronic defibrillator.
- In April 2021, Coastal GasLink sponsored the Northern Emergency Support Services Training Conference. The conference is an annual event that provides training, networking and volunteer appreciation for Emergency Support Services volunteers who respond and provide necessities to persons evacuated from their homes due to an emergency event.

- In April 2021, Coastal GasLink contributed to the Fort St. James Volunteer Fire Department toward the purchase of Jaws of Life equipment for motor vehicle collision rescues.

#### 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 project corridor 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](https://www.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 COVID-19

As of May 31, 2021, Coastal GasLink had recorded 93 cases of COVID-19 among Project employees since March 2020. Of those recorded cases, 15 occurred between January and May 2021. Coastal GasLink records indicate that none of these cases required hospitalization or treatment at local clinics. Treatment, if required, was provided by International SOS, Coastal GasLink's medical services provider. Workers staying in Indigenous communities who showed symptoms were instructed to abstain from working but report their symptoms to their employer.

Northern Health reported two effects on its services. First, Coastal GasLink, along with other employers, was required to present employees who showed potential COVID-19 symptoms for testing by Northern Health personnel, given that Northern Health operated the only provincially approved testing program in its service area.

Second, Northern Health's engagement with industrial employers made significant demands on its senior administrative capacity. As the pandemic and public health responses evolved, Coastal GasLink took part in dialogue and strategy sessions to share operations information with Northern Health and ensure the latest information was integrated into plans and communicated to contractors and workers. 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.

#### 4.6.2 Activities

- Contractors conducted daily workforce health and safety meetings on site.
- Safety Alerts were provided to all employees and contractors related to safety awareness and lessons learned. During the reporting period, 17 Safety Alerts were issued relating to COVID-19 protective measures, equipment incidents, safe driving behaviour and proactive safety measures to prevent bodily harm.
- Coastal GasLink continued to implement the Extraordinary Legacy Initiative, an internal program aimed to empower Project personnel to create an extraordinary legacy of safety and respect for all people, communities and the environment.
- In April 2021, Coastal GasLink contributed to Hope Air, a national charity that provides free travel and accommodations for Canadians in financial need who must access medical care a significant distance from home. This funding will provide support for approximately 40 medical travel arrangements for northern B.C families in need.

#### 4.6.3 Project Injuries

Since December 2020, 18 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
December 2020	Worker cleaning pipe gets debris in left eye. Eye flushed by medic. Small metallic fragment removed by magnet at hospital.	No	Chetwynd Hospital	Assessment and metal fragment removal ~1 hour
December 2020	Worker falls to ground and strikes arm on rock suffering a strained arm.	No	Lake District Hospital (Burns Lake)	X-ray, assessment and arm sling ~1 hour
December 2020	Welder's helper felt irritation in right eye and sought medic assessment when irritation continued.	No	Lake District Hospital (Burns Lake); Prince George Optometrist	Assessment, diagnostics and metal fragment removal ~3.5 hours
December 2020	Worker working in lodge yard loses traction and falls.	Yes	St. John Hospital (Vanderhoof); transported to University of Northern B.C. Hospital (Prince George) for additional assessment	X-ray and assessment ~3.5 hours
December 2020	Worker lifting skid feels pain in lower back.	No	University of Northern B.C. Hospital (Prince George)	Assessment ~1 hour

Date	Incident Description	Transfer Required	Treatment Location	Treatment Duration
December 2020	Worker had skid hook deflect and strike them in the knee causing a small puncture.	No	University of Northern B.C. Hospital (Prince George)	Tetanus shot ~1 hour
December 2020	Worker installing fence had ground under right foot give way and slid down the slope straining their knee.	No	Lake District Hospital (Burns Lake)	X-ray ~1 hour
December 2020	Worker slipped and fell on wrist.	No	Lake District Hospital (Burns Lake)	X-ray ~1 hour
December 2020	Truck driver moved vehicle forward without realizing a person was under the passenger side of the vehicle removing chains.	No	Kitimat General Hospital and Health Centre	X-ray ~1 hour
January 2021	Worker slipped while entering dozer and injured right shin.	No	Kitimat General Hospital and Health Centre	Stitches ~1 hour
January 2021	Worker tripped, falling on elbow causing swelling.	No	Dawson Creek and District Hospital	X-ray ~1 hour
February 2021	Service door came down unexpectedly contacting worker's left hand.	No	Chetwynd Hospital	X-ray, stitches and splint ~1.5 hours
March 2021	Worker trying to get side boom operator's attention to avoid boom striking a truck slipped under the right track of boom.	Yes	Dawson Creek and District Hospital	Surgery ~3 hours
March 2021	Boom truck operator injured tip of finger in boom's front stabilizer lock pin hole.	No	Vanderhoof St. John Hospital	Stitches ~1.5 hours
March 2021	Worker fell backwards off matting and fractured ribs and forearm.	No	Omineca Medical Clinic (Vanderhoof) and University of Northern B.C. Hospital (Prince George)	Assessment, surgery and casting ~3 hours
March 2021	Worker exiting rear of truck rolled foot causing sore ankle.	No	Recommended to see personal physician	Assessment ~0.5 hour
March 2021	Worker dismounting equipment without three-point contact slipped on ice and twisted ankle.	No	Chetwynd Hospital	X-ray ~1 hour
May 2021	Worker's finger was caught resulting in three stiches administered on site with only observation recommended at the hospital facility.	No	Kitimat General Hospital and Health Centre	Observation ~0.5 hour

#### 4.6.4 Mitigation Effectiveness in the Reporting Period

Since the beginning of construction in December 2018 through May 2021, the Project's workforce has accrued over 13.8 million hours of work with workers spending approximately 96 hours in local healthcare facilities across the pipeline corridor related to 78 workplace incidents. During this reporting period, workers spent approximately 27 hours in local healthcare facilities related to 18 workplace incidents.

COVID-19 safety measures continued as the main concern raised regarding health services. Coastal GasLink worked closely with Northern Health to develop and implement enhanced COVID-19 safety measures. Enhanced safety measures included retaining Dr. Allan Holmes and Iridia Medical to provide additional expertise and introducing mandatory PCR and RAD testing among employees coming to site.

Through engagement with Indigenous groups and local communities, Coastal GasLink became aware of public concerns around mental wellness related to the pandemic. In response, Coastal GasLink instructed its health services provider, International SOS, to raise awareness of the counselling support and referral services that are available to all Project employees.

Coastal GasLink continues to collaborate with Northern Health and International SOS to minimize local service gaps and ensure the workforce understands the availability of health care services on site. Monitoring of the District of Vanderhoof's health services capacity is ongoing in collaboration with Northern Health and local health practitioners to ensure local health services are not negatively impacted by the Project.

#### 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 reached a milestone total of approximately \$787,000 in charitable donations made during 2020. Donation recipients included social services organizations in communities across the project corridor including the Chetwynd Christmas Bureau Society, Lakes District Family Enhancement Society and the Houston Community Services Association. These donations were supported by employees of TC Energy, Coastal GasLink and its Prime Contractors across the project corridor and further enhanced by matching funds from TC Energy's Empower Program, demonstrating Coastal GasLink's

commitment to an extraordinary legacy of working together with local communities throughout northern B.C.

- Coastal GasLink monitors telecommunication usage at workforce accommodations to ensure adequate services are available. Residents are encouraged to use Wi-Fi to minimize impacts on local cellular services. See Appendix E for details.
- Coastal GasLink contributed to the BC Lions Football Club's Be More Than A Bystander program for their 2020-2021 season. This initiative supports awareness of gender-based violence in B.C. The program was presented on 51 occasions between December 2020 and May 2021 to over 12,000 students and staff across B.C. In northern B.C., the BC Lions presented to six schools in five communities situated near the project corridor.
- For the second consecutive year, 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.
- In December 2020, Coastal GasLink contributed to the Stuart Lake Outreach Society toward the Fort St. James toy and food drive.

#### **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 contractors to ensure that waste management procedures align with provincial regulations and local government expectations. During the reporting period, Coastal GasLink confirmed that Prime Contractors and their waste management service providers were engaged in appropriate waste segregation and recycling programs. A bulletin on waste segregation and the need for wildlife-proof storage receptacles was circulated to workforce accommodation managers and contractors.

- Coastal GasLink did not receive complaints during the reporting period related to the disposal of waste at public facilities. Coastal GasLink took note of local government's concerns related to other industrial operations in the region, which indicated a need to avoid overuse of landfills and to avoid contaminating liquid waste with hydrocarbons.
- Coastal GasLink's mainstream waste, including clean construction waste such as used wood and geotextile, was deposited at landfills operated by the four regional districts in the project area.
- At the request of the Regional District of Kitimat–Stikine, Coastal GasLink provided Project employment figures to the regional district to support their waste management planning activities.
- At the request of the Regional District of Bulkley–Nechako, Coastal GasLink provided a technical briefing to elected officials and staff on the handling of contaminated soil. After any release of hydrocarbon fluids along the project corridor, affected soils are segregated and labelled and the details of the release are entered in a central log. If laboratory analysis shows a low level of contamination as specified in provincial regulations, the soil may be hauled to a regional district landfill where it is subject to a special fee. If the level of contamination is higher or the sample is too small to warrant analysis, the soil is taken to a secure permitted facility such as the Tervita Silverberry Facility outside of Fort St. John.
- As needed, Coastal GasLink contractors made use of international-scale companies with access to secure disposal or processing facilities to dispose of industrial waste such as hydrocarbon-contaminated containers or paints. Final destinations for Coastal GasLink industrial waste ranged from Prince George and Fort St. John through southern B.C., Alberta and Manitoba.
- During the reporting period, Coastal GasLink contractors in the Kitimat-Stikine area shifted liquid waste deliveries to the City of Terrace due to capacity limitations at the Regional District of Kitimat–Stikine facility outside of Terrace. Some liquid waste was diverted to the Village of Burns Lake due to seasonal capacity limitations at the Village of Fraser Lake. The contractor at the Parsnip Lodge made maximum use of the provincially permitted septic field at that site, but overflow quantities continued to go to the Village of McBride. Coastal GasLink contractors continued to make use of the Nadleh Whut'en facility as part of the First Nation's operating agreement for the Little Rock Lake Lodge. Contractors also made occasional deliveries to the Witsset First Nation facility.
- Coastal GasLink's recycling programs reduce the flow of waste to regional landfills and provide revenue opportunities for local haulers, especially through the sale of scrap metal at yards across the project area. Used cooking oil was hauled to destinations in Alberta and B.C. for reprocessing in animal feeds or biofuel production. Coastal GasLink encouraged contractors to donate the

proceeds from bottle and can recycling to local charities that included various beneficiaries such as local and Indigenous schools, food banks and recreation groups.

- See Appendix F for information related to the Project's forecasted construction waste volumes by location and type.

#### **4.8.2 Mitigation Effectiveness in the Reporting Period**

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 is aware of waste management capacity concerns and continues to engage with local governments to implement and monitor waste management mitigation as construction progresses.

#### **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 continued to pursue safe recreational opportunities in and around local communities for its workforce under strict guidance with provincial and federal guidelines.
- During the reporting period, the Community Workforce Accommodation Advisor program facilitated multiple events and activities within the Project's workforce accommodations including weekly Sunday smudging at 7 Mile Road Lodge and an artisan Indigenous Christmas market at Sukunka Lodge.

#### **4.9.2 Mitigation Effectiveness in the Reporting Period**

As the COVID-19 pandemic continues, the Industrial Camps Order significantly limited workforce participation in local recreational activities. Local governments continued to indicate support for the workforce use of local recreational facilities in alignment with provincial COVID-19 safety recommendations and guidelines in place. 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 engages representatives from the Ministry of Education and the Ministry of Advanced Education, Skills and Training a minimum of twice a year to discuss potential Project impacts on the B.C. education system.
- In December 2020, Coastal GasLink contributed to Fort St. James Secondary School's trades equipment improvement plan and the purchase of a variable speed metal lathe to help prepare students for a future career in the trades.

##### **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 used 10 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 G for the Project’s forecasted and realized workforce accommodation occupancies.
- The Industrial Camps Order resulted in a significant reduction of workforce accommodation occupancies across the Project from December 2020 to March 2021. In April 2021, the PHO rescinded the Industrial Camps Order and issued a new order that allowed for an increased Project workforce size.

**Table 4-3: Active Workforce Accommodation Locations**

Active Workforce Accommodation	Nearest 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
Parsnip Lodge	Prince George
Vanderhoof Lodge	Vanderhoof

#### 4.12.2 Mitigation Effectiveness in the Reporting Period

Through conversations with local governments and provincial agencies, Coastal GasLink understands there are continued housing capacity concerns in some municipalities. Coastal GasLink is continuing discussions with local governments to monitor housing impacts and will identify mitigation solutions, if required.

As presented in the Application, there are no anticipated long-term or permanent effects on rental housing or commercial accommodation that cannot be mitigated.

#### **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: Road Traffic**

- Five traffic notifications were issued during the reporting period. Project-related road closure notifications were shared through the Project's website, [CoastalGasLink.com](http://CoastalGasLink.com). Local newspaper, radio and social media were also used to share traffic notifications in accordance with the Traffic Control Management Plan.
- Coastal GasLink is engaging with affected stakeholders to address road quality concerns raised on access roads in Sections 1, 3 and 4 of the project corridor.
- 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 corridor access.
- Coastal GasLink's discussions with the Ministry of Transportation and Infrastructure and Nadleh Whut'en First Nation regarding the permitting of an additional turning approach related to Little Rock Lake Lodge are on hold until reclamation planning discussions begin.
- During the reporting period, Coastal GasLink continued to deploy in-vehicle monitoring systems in approximately 114 vehicles to enhance safe driving practices. In-vehicle monitoring provides real-time alerts, follow-up coaching and vehicle information verification.
- In December 2020, the District of Kitimat Council approved the temporary use permit amendment for the Sitka Lodge parking lot. The amendment enhances the Project's safety and environmental protection responsibilities through exclusive workforce access to parking via the Civeo emergency access road.
- In December 2020, Coastal GasLink contributed to the B.C. Forest Safety Council to support the development of their Resource Roads Orientation Video project toward raising safety awareness for public and industrial resource road users.

During the COVID-19 pandemic, public use of resource roads has increased in association with greater public interest in outdoor recreation such as camping, fishing or snowmobiling.

#### **4.13.2 Activities: Rail Traffic**

- In March 2021, Coastal GasLink recorded successful completion of all line pipe deliveries by rail to the Project's stockpile sites having met quality and safety requirements with zero associated safety incidents. As a result, no further rail traffic related to the Project's line pipe deliveries is expected.

#### **4.13.3 Activities: Air Traffic**

- The ongoing COVID-19 pandemic and the Industrial Camps Order resulted in a significant reduction of air travel by the workforce across the Project during this reporting period.

#### **4.13.4 Mitigation Effectiveness in the Reporting Period**

During the reporting period, some communities expressed concern for potential adverse effects to road quality from the Project's construction-related traffic. In Sections 1, 3 and 4 of the project corridor, Coastal GasLink is working with affected stakeholders to address road quality concerns and implement mitigation on impacted access roads. To address matters promptly, Coastal GasLink and its Prime Contractors regularly evaluate and monitor potential impacts of vehicle use on public roads used to access the project corridor. Coastal GasLink has regular contact with local governments and the Ministry of Transportation and Infrastructure to discuss any concerns related to road conditions. 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**

- Seven 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).

#### 4.14.2 Mitigation Effectiveness in the Reporting Period

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

Lessons learned from the December 2020 COVID-19 outbreak and the intensive planning and support that occurred in collaboration with Northern Health led to positive outcomes. This included implementing enhanced COVID-19 safety measures and retaining Dr. Allan Holmes and Iridia Media to provide additional expertise. Northern Health has expressed greater confidence in Coastal GasLink's ability and capacity to manage the complexities of COVID-19 on site as a result of the adaptive management collaboration that occurred during this reporting period.

Coastal GasLink is engaging with the Ministry of Transportation and Infrastructure and affected stakeholders to address road quality concerns as they arise. In particular, Coastal GasLink is working with affected stakeholders to address road quality concerns and support additional mitigation on access roads in Sections 1, 3 and 4 of the project corridor.

In December 2020, the District of Kitimat Council approved the temporary use permit amendment for the Sitka Lodge parking lot which supported the completion of corrective action needed to address parking concerns. No additional corrective actions are required at this time.

Other discussions have taken place across the project corridor regarding waste management, housing, road conditions, transportation infrastructure and Vanderhoof's 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.

As construction advances, Coastal GasLink will continue to monitor mitigation effectiveness and collect feedback regarding potential direct construction adverse effects.

## 7.0 CLOSING

Coastal GasLink’s construction progress during the reporting period was significantly limited due to the Industrial Camps Order and ongoing implementation of COVID-19 pandemic safety protocols. As a result, the Project’s reduced workforce and construction activity have demonstrated no detectable adverse effects that would change the predictions of the socio-economic assessment. Adaptive management that addressed parking concerns in the Kitimat area was completed and Coastal GasLink collaborated with Northern Health to address the complexities of COVID-19 at the worksite.

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 December 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:

<b>Coastal GasLink toll-free number</b>	1-855-633-2011
<b>Email</b>	CoastalGasLink@TCEnergy.com
<b>Calgary Office</b>	450 1 <sup>st</sup> St. SW Calgary, AB T2P 5H1
<b>Fort St. John Office</b>	10542 100 <sup>th</sup> St. Fort St. John, BC V1J 3Z4
<b>Prince George Office</b>	#201, 760 Kinsmen Pl. Prince George, BC V2M 0A8
<b>Vancouver Office</b>	#630, 609 Granville St. Vancouver, BC V7Y 1G5

## **Appendices – Contents**

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Appendix G	Workforce Accommodations – Planned vs Actual Peak Occupancy Charts

**Appendix A**

**COVID-19 Health & Safety Management Plan**

# COVID-19 Health & Safety Management Plan

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Following all government guidelines



Daily temperature checks before entering worksites



Mandatory enhanced pre-screening prior to arrival at worksites



Regular workforce health and safety training and education



Increased disinfecting of common areas and hand washing facilities



Promote safe work practices around physical distancing



Establish small family-like groups of workers who live, work and dine together where possible



24/7 on-site medical care and monitoring



Reduced occupancy at all workforce accommodations



Modified dining and travel arrangements to promote physical distancing



Access to adequate and appropriate PPE



Limiting interaction with communities



Collaborating with health authorities and Indigenous and local communities



COVID-19 testing as directed by local health authorities

# COVID-19 Health & Safety Management Plan

- Make COVID-19 protocols a priority from leaders to the ground crews → Lead by example
- Execute training for supervisors/foremen on following COVID-19 protocols
- Encourage and support personnel to report incidents of non-compliance of the COVID-19 safety protocols

## Culture



- Increase communication of consequences of not following COVID-19 safety protocols
- Enhance COVID-19 onboarding program with focus on personal accountability
- Foremen and Site Managers are required to discuss COVID-19 regularly at all meetings

## Communications



- Strictly follow safety protocols → Masks and social distancing
- Reinforce the importance of COVID-19 prevention → Cleaning/disinfecting, quarantine and isolation requirements
- Encourage workers to limit in-town/in-person interactions
- Introduction of pre-screening and vaccination programs

## Procedures



**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
<b><i>Contracting and Employment</i></b>	
Economic benefits	1, 3, 5, 6
Contracting and employment	1, 2, 4, 5, 6, 7
<b><i>Education and Training</i></b>	
Apprenticeships	1
Cultural awareness training	8
Skills training	1, 4, 5, 6, 8
<b><i>Emergency, Health and Social Services</i></b>	
COVID-19 protective measures	All sections
Emergency response planning	1, 5, 7, 8
Health care services	1, 4, 8
Mental wellness	1, 3, 4, 8
Social services	8
<b><i>Waste Management</i></b>	
Waste management capacity	1, 7, 8
<b><i>Accommodations</i></b>	
Workforce housing	1, 3, 5, 6, 7, 8
Workforce accommodation occupancy	1, 2, 3, 4
<b><i>Transportation</i></b>	
Driver safety	3, 4, 5
Parking	8
Project-related traffic volume	1, 4, 6
Road quality	1, 3, 4, 5, 8

## **Appendix C**

### **SEEMP Mitigation Status Table**

SEEMP Mitigation Status Table

POTENTIAL ADVERSE EFFECTS	REGULATORY REFERENCE	MITIGATION <sup>1</sup>	STATUS
<b>VALUED COMPONENT: ECONOMY</b>			
<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"> <li>Implement a procurement strategy that provides opportunities for qualified Aboriginal and local contractors.</li> </ul>	In Progress
	<i>EA Table 12-8</i>	<ul style="list-style-type: none"> <li>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.).</li> </ul>	In Progress
	<i>EA Table 12-8</i>	<ul style="list-style-type: none"> <li>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.</li> </ul>	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"> <li>Communicate the Project schedule and identify the short-term nature of Project construction activities to local economic development organizations to manage expectations.</li> </ul>	Complete
	<i>EA Table 12-8</i>	<ul style="list-style-type: none"> <li>Adhere to the Traffic Control Management Plan to reduce construction related traffic and corresponding potential adverse effects on local business operations.</li> </ul>	In Progress
<b>VALUED COMPONENT: EMPLOYMENT AND LABOUR FORCE</b>			
<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"> <li>Implement the Coastal GasLink training program to enable unemployed or underemployed individuals to develop Project specific employment skills and seek Project employment.</li> </ul>	In Progress
	<i>EA Table 12-9, 12-11 and 12-13</i>	<ul style="list-style-type: none"> <li>Provide the Project schedule to economic development organizations and post-secondary institutions to inform them of peak workforce demands.</li> </ul>	Complete
	<i>EA Table 12-9, 12-11 and 12-13</i>	<ul style="list-style-type: none"> <li>Ensure alternative sources of skilled workers are in place to avoid disruption of the local employment market.</li> </ul>	Complete
	<i>EA Table 12-9, 12-11 and 12-13</i>	<ul style="list-style-type: none"> <li>Communicate with economic development organizations to confirm existing employment conditions in communities and the broader region before executing the employment strategy.</li> </ul>	Complete

<sup>1</sup>Coastal GasLink is responsible for implementing mitigation presented in the SEEMP.

SEEMP Mitigation Status Table

POTENTIAL ADVERSE EFFECTS	REGULATORY REFERENCE	MITIGATION <sup>1</sup>	STATUS
	<i>EA Table 12-9, 12-11 and 12-13</i>	<ul style="list-style-type: none"> <li>Monitor the success of the Coastal GasLink training program.</li> </ul>	In Progress
	<i>EA Table 12-9, 12-11 and 12-13</i>	<ul style="list-style-type: none"> <li>Follow up with economic development organizations and community representatives to confirm employment conditions in communities and the broader region.</li> </ul>	In Progress
<b>Key Indicator: Training Opportunities</b>			
<i>Lack of time to train local workers for skilled positions</i>	<i>EA Table 12-9, 12-11 and 12-13</i>	<ul style="list-style-type: none"> <li>Confirm Project workforce needs well in advance of Project construction with economic development organizations, employment centres and educational institutions.</li> </ul>	Complete
	<i>EA Table 12-9, 12-11 and 12-13</i>	<ul style="list-style-type: none"> <li>Provide opportunities for qualified workers currently apprenticing to obtain trades certification during Project construction.</li> </ul>	In Progress
	<i>EA Table 12-9, 12-11 and 12-13</i>	<ul style="list-style-type: none"> <li>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"> <li>assessing and identifying gaps</li> <li>determining proper skills development</li> <li>developing processes to help local residents obtain construction related employment</li> </ul> </li> </ul>	In Progress
<b>VALUED COMPONENT: COMMUNITY UTILITIES AND SERVICES</b>			
<b>Key Indicator: Emergency Services</b>			
<i>Increased demand on local emergency services</i>	<i>EA Table 15-18, 15-20, 15-22 and 15-24</i>	<ul style="list-style-type: none"> <li>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.</li> </ul>	In Progress
	<i>EA Table 15-18, 15-20, 15-22 and 15-24</i>	<ul style="list-style-type: none"> <li>Adhere to Coastal GasLink Emergency Response Plan (ERP) for proposed Project related emergencies.</li> </ul>	In Progress
	<i>EA Table 15-18, 15-20, 15-22 and 15-24</i>	<ul style="list-style-type: none"> <li>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.</li> </ul>	In Progress
	<i>EA Table 15-18, 15-20, 15-22 and 15-24</i>	<ul style="list-style-type: none"> <li>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.</li> </ul>	Complete

<sup>1</sup>Coastal GasLink is responsible for implementing mitigation presented in the SEEMP.

SEEMP Mitigation Status Table

POTENTIAL ADVERSE EFFECTS	REGULATORY REFERENCE	MITIGATION <sup>1</sup>	STATUS
	<i>EA Table 15-18, 15-20, 15-22 and 15-24</i>	<ul style="list-style-type: none"> <li>During worker and Contractor orientation sessions, reinforce the importance of respectful conduct when in communities.</li> </ul>	In Progress
	<i>EA Table 15-18, 15-20, 15-22 and 15-24</i>	<ul style="list-style-type: none"> <li>Adhere to TC Energy’s (formerly TransCanada) Health, Safety and Environment Commitment in Appendix E of the Social Technical Report (Appendix 2 M of the Application).</li> </ul>	In Progress
	<i>EA Table 15-18, 15-20, 15-22 and 15-24</i>	<ul style="list-style-type: none"> <li>Ensure Prime Contractors submit and adhere to safety plans that address emergency procedures.</li> </ul>	In Progress
	<i>EA Table 15-18, 15-20, 15-22 and 15-24</i>	<ul style="list-style-type: none"> <li>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.</li> </ul>	In Progress
	<i>EA Table 15-18, 15-20, 15-22 and 15-24</i>	<ul style="list-style-type: none"> <li>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.</li> </ul>	In Progress
	<i>EA Table 15-18, 15-20, 15-22 and 15-24</i>	<ul style="list-style-type: none"> <li>Implement mitigation outlined in Section 21 of the Application, Accidents or Malfunctions.</li> </ul>	In Progress
	<i>EA Table 15-18, 15-20, 15-22 and 15-24</i>	<ul style="list-style-type: none"> <li>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).</li> </ul>	In Progress
	<i>EA Table 15-18, 15-20, 15-22 and 15-24</i>	<ul style="list-style-type: none"> <li>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.</li> </ul>	Complete
<b>Key Indicator: Health Care Services</b>			
<i>Increased demand on</i>	<i>EA Table 15-18, 15-20, 15-22 and 15-24</i>	<ul style="list-style-type: none"> <li>Continue to communicate with local and regional health care providers before proposed Project construction activities to identify potential service gaps and issues.</li> </ul>	Complete

<sup>1</sup>Coastal GasLink is responsible for implementing mitigation presented in the SEEMP.

SEEMP Mitigation Status Table

POTENTIAL ADVERSE EFFECTS	REGULATORY REFERENCE	MITIGATION <sup>1</sup>	STATUS
<i>health care services</i>	<i>EA Table 15-18, 15-20, 15-22 and 15-24</i>	<ul style="list-style-type: none"> <li>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.</li> </ul>	Complete
	<i>EA Table 15-18, 15-20, 15-22 and 15-24</i>	<ul style="list-style-type: none"> <li>Adhere to Coastal GasLink emergency response procedures outlined in the ERP.</li> </ul>	In Progress
	<i>EA Table 15-18, 15-20, 15-22 and 15-24</i>	<ul style="list-style-type: none"> <li>Adhere to TC Energy's (formerly TransCanada) Health, Safety and Environment Commitment in Appendix E of the Social Technical Report (Appendix 2 M of the Application).</li> </ul>	In Progress
	<i>EA Table 15-18, 15-20, 15-22 and 15-24</i>	<ul style="list-style-type: none"> <li>Follow all WorkSafe BC safety standards on work sites during construction.</li> </ul>	In Progress
	<i>EA Table 15-18, 15-20, 15-22 and 15-24</i>	<ul style="list-style-type: none"> <li>Ensure Prime Contractors submit and adhere to safety plans that address emergency procedures.</li> </ul>	In Progress
	<i>EA Table 15-18, 15-20, 15-22 and 15-24</i>	<ul style="list-style-type: none"> <li>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.</li> </ul>	In Progress
	<i>EA Table 15-18, 15-20, 15-22 and 15-24</i>	<ul style="list-style-type: none"> <li>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.</li> </ul>	In Progress
	<i>EA Table 15-18, 15-20, 15-22 and 15-24</i>	<ul style="list-style-type: none"> <li>Implement mitigation outlined in the Application, Section 21.</li> </ul>	In Progress
	<i>EA Table 15-18, 15-20, 15-22 and 15-24</i>	<ul style="list-style-type: none"> <li>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).</li> </ul>	In Progress

<sup>1</sup>Coastal GasLink is responsible for implementing mitigation presented in the SEEMP.

SEEMP Mitigation Status Table

POTENTIAL ADVERSE EFFECTS	REGULATORY REFERENCE	MITIGATION <sup>1</sup>	STATUS
	<i>EA Table 15-18, 15-20, 15-22 and 15-24</i>	<ul style="list-style-type: none"> <li>Ensure senior medical providers are available in the field to provide medical care if a worker needs treatment.</li> </ul>	In Progress
	<i>EA Table 15-18, 15-20, 15-22 and 15-24</i>	<ul style="list-style-type: none"> <li>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.</li> </ul>	In Progress
	<i>EA Table 15-18, 15-20, 15-22 and 15-24</i>	<ul style="list-style-type: none"> <li>Outfit the first-aid room with proper equipment and running water as outlined in the WorkSafe BC regulations.</li> </ul>	In Progress
	<i>EA Table 15-18, 15-20, 15-22 and 15-24</i>	<ul style="list-style-type: none"> <li>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.</li> </ul>	In Progress
	<i>EA Table 15-18, 15-20, 15-22 and 15-24</i>	<ul style="list-style-type: none"> <li>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.</li> </ul>	Complete
<b>Key Indicator: Social Services</b>			
<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"> <li>Continue to communicate with local and regional social service providers to confirm current community social service issues.</li> </ul>	In Progress
	<i>EA Table 15-18, 15-20, 15-22 and 15-24</i>	<ul style="list-style-type: none"> <li>Provide key personnel for the proposed Project with contact information and construction schedules for local and regional social service providers.</li> </ul>	Complete
	<i>EA Table 15-18, 15-20, 15-22 and 15-24</i>	<ul style="list-style-type: none"> <li>Adhere to TC Energy's (formerly TransCanada) Health, Safety and Environment Commitment in Appendix E of the Social Technical Report (Appendix 2 M of the Application).</li> </ul>	In Progress

<sup>1</sup>Coastal GasLink is responsible for implementing mitigation presented in the SEEMP.

SEEMP Mitigation Status Table

POTENTIAL ADVERSE EFFECTS	REGULATORY REFERENCE	MITIGATION <sup>1</sup>	STATUS
	<i>EA Table 15-18, 15-20, 15-22 and 15-24</i>	<ul style="list-style-type: none"> <li>House the proposed temporary workforce in construction camps and develop appropriate construction camp policies. Provide the following amenities:                             <ul style="list-style-type: none"> <li>recreational facilities and activities such as exercise equipment (e.g., weights) and electronics (e.g., television and movies)</li> <li>telephone and internet access</li> </ul> </li> </ul>	In Progress
	<i>EA Table 15-18, 15-20, 15-22 and 15-24</i>	<ul style="list-style-type: none"> <li>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.</li> </ul>	Complete
<b>Key Indicator: Waste Management Facilities</b>			
<i>Increase in waste flow to regional landfill and transfer 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"> <li>Coastal GasLink will confirm the capacity of local and regional facilities to accept waste and recycling before construction of the proposed Project.</li> </ul>	Complete
	<i>EA Table 15-18, 15-20, 15-22 and 15-24</i>	<ul style="list-style-type: none"> <li>Adhere to Coastal GasLink’s Chemical and Waste Management Plan in the EMP (Appendix 2 A of the Application).</li> </ul>	In Progress
	<i>EA Table 15-18, 15-20, 15-22 and 15-24</i>	<ul style="list-style-type: none"> <li>All waste materials will be disposed of according to federal and provincial legislation, and municipal and regional regulations, as required.</li> </ul>	In Progress
	<i>EA Table 15-18, 15-20, 15-22 and 15-24</i>	<ul style="list-style-type: none"> <li>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.</li> </ul>	In Progress
	<i>EA Table 15-18, 15-20, 15-22 and 15-24</i>	<ul style="list-style-type: none"> <li>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.</li> </ul>	In Progress
	<i>EA Table 15-18, 15-20, 15-22 and 15-24</i>	<ul style="list-style-type: none"> <li>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.</li> </ul>	In Progress

<sup>1</sup>Coastal GasLink is responsible for implementing mitigation presented in the SEEMP.

SEEMP Mitigation Status Table

POTENTIAL ADVERSE EFFECTS	REGULATORY REFERENCE	MITIGATION <sup>1</sup>	STATUS
	<i>EA Table 15-18, 15-20, 15-22 and 15-24</i>	<ul style="list-style-type: none"> <li>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.</li> </ul>	In Progress
	<i>EA Table 15-18, 15-20, 15-22 and 15-24</i>	<ul style="list-style-type: none"> <li>Communicate with local and regional landfill, transfer station and wastewater treatment operators to identify service gaps and resulting issues.</li> </ul>	In Progress
	<i>EA Table 15-18, 15-20, 15-22 and 15-24</i>	<ul style="list-style-type: none"> <li>Communicate with local and regional waste facilities 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 increase in waste flow to regional landfill and transfer station sites and wastewater treatment facilities.</li> </ul>	Complete
<i>Key Indicator: Recreational Facilities</i>			
<i>Increased demand on community recreational facilities</i>	<i>EA Table 15-18, 15-20, 15-22 and 15-24</i>	<ul style="list-style-type: none"> <li>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.</li> </ul>	In Progress
	<i>EA Table 15-18, 15-20, 15-22 and 15-24</i>	<ul style="list-style-type: none"> <li>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).</li> </ul>	Complete
	<i>EA Table 15-18, 15-20, 15-22 and 15-24</i>	<ul style="list-style-type: none"> <li>Communicate with municipal recreational facility operators to identify service gaps and resulting issues.</li> </ul>	In Progress
<i>Key Indicator: Education Services</i>			
<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"> <li>Communicate with educational and training service providers well in advance of proposed Project construction regarding schedules, workforce, skills requirements and expected demands.</li> </ul>	Complete
<i>Key Indicator: Government Services</i>			

<sup>1</sup>Coastal GasLink is responsible for implementing mitigation presented in the SEEMP.

SEEMP Mitigation Status Table

POTENTIAL ADVERSE EFFECTS	REGULATORY REFERENCE	MITIGATION <sup>1</sup>	STATUS
<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"> <li>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.</li> </ul>	Complete
<i>Key Indicator: Housing and Commercial Accommodation</i>			
<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"> <li>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.</li> </ul>	Complete
	<i>EA Table 15-18, 15-20, 15-22 and 15-24</i>	<ul style="list-style-type: none"> <li>Communicate with community representatives to assess the current housing availability and options for hosting worker’s families.</li> </ul>	In Progress
	<i>EA Table 15-18, 15-20, 15-22 and 15-24</i>	<ul style="list-style-type: none"> <li>If accommodations are reserved for personnel of the proposed Project, and are determined not to be needed, request that the Contractor release the rooms.</li> </ul>	In Progress
	<i>EA Table 15-18, 15-20, 15-22 and 15-24</i>	<ul style="list-style-type: none"> <li>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.</li> </ul>	Complete
<b>VALUED COMPONENT: TRANSPORTATION INFRASTRUCTURE AND SERVICES</b>			
<i>Key Indicator: Traffic</i>			
<i>Increased traffic volumes from transportation of workers, supplies and equipment leading to</i>	<i>EA Table 15-25, 15-27 and 15-31</i>	<ul style="list-style-type: none"> <li>Implement the Traffic Control Management Plan in the EMP (Appendix 2A of the Application) and the Access Control Management Plan.</li> </ul>	In Progress
	<i>EA Table 15-25, 15-27 and 15-31</i>	<ul style="list-style-type: none"> <li>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.</li> </ul>	In Progress
	<i>EA Table 15-25, 15-27 and 15-31</i>	<ul style="list-style-type: none"> <li>Confirm the proposed Project construction schedule and road crossing procedures with BC Ministry of Transportation and Infrastructure staff before construction activities.</li> </ul>	Complete

<sup>1</sup>Coastal GasLink is responsible for implementing mitigation presented in the SEEMP.

SEEMP Mitigation Status Table

POTENTIAL ADVERSE EFFECTS	REGULATORY REFERENCE	MITIGATION <sup>1</sup>	STATUS
<i>decreased road safety</i>	<i>EA Table 15-25, 15-27 and 15-31</i>	<ul style="list-style-type: none"> <li>Communicate with RCMP detachments to define traffic safety concerns and mitigation before proposed Project construction.</li> </ul>	Complete
	<i>EA Table 15-25, 15-27 and 15-31</i>	<ul style="list-style-type: none"> <li>Coastal GasLink will transport pipe materials to the proposed Project area by rail, where off-loading (rail sidings) are available and where practical.</li> </ul>	Complete
	<i>EA Table 15-25, 15-27 and 15-31</i>	<ul style="list-style-type: none"> <li>Access points to the ROW will be flagged and signed to discourage public use.</li> </ul>	In Progress
	<i>EA Table 15-25, 15-27 and 15-31</i>	<ul style="list-style-type: none"> <li>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.</li> </ul>	In Progress
	<i>EA Table 15-25, 15-27 and 15-31</i>	<ul style="list-style-type: none"> <li>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.</li> </ul>	In Progress
	<i>EA Table 15-25, 15-27 and 15-31</i>	<ul style="list-style-type: none"> <li>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.</li> </ul>	In Progress
	<i>EA Table 15-25, 15-27 and 15-31</i>	<ul style="list-style-type: none"> <li>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.</li> </ul>	In Progress
	<i>EA Table 15-25, 15-27 and 15-31</i>	<ul style="list-style-type: none"> <li>Communication with communities where known traffic issues exist once the proposed Project schedule is confirmed</li> </ul>	In Progress
	<i>EA Table 15-25, 15-27 and 15-31</i>	<ul style="list-style-type: none"> <li>Communication with forest licensees to address cumulative road use issues</li> </ul>	In Progress
<i>Increase in rail traffic resulting</i>	<i>EA Table 15-25, 15-27 and 15-31</i>	<ul style="list-style-type: none"> <li>Communicate with CN Rail to confirm rail capacity, siding availability, schedules, and potential issues related to shipping pipe materials by rail.</li> </ul>	Complete

<sup>1</sup>Coastal GasLink is responsible for implementing mitigation presented in the SEEMP.

SEEMP Mitigation Status Table

POTENTIAL ADVERSE EFFECTS	REGULATORY REFERENCE	MITIGATION <sup>1</sup>	STATUS
<i>from the shipment of Project-related materials</i>	<i>EA Table 15-25, 15-27 and 15-31</i>	<ul style="list-style-type: none"> <li>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.</li> </ul>	Complete
<i>Increased air passengers in local and regional airports</i>	<i>EA Table 15-25, 15-27 and 15-31</i>	<ul style="list-style-type: none"> <li>Communicate with local and regional airport authorities of proposed Project construction activities to inform them of proposed Project schedules.</li> </ul>	Complete
	<i>EA Table 15-25, 15-27 and 15-31</i>	<ul style="list-style-type: none"> <li>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.</li> </ul>	In Progress
<b>Key Indicator: Navigability of Waterways</b>			
<i>Disruption of movement on navigable waterways</i>	<i>EA Table 15-25, 15-27 and 15-31</i>	<ul style="list-style-type: none"> <li>Adhere to watercourse crossing mitigation outlined in Section 7 of the Application.</li> </ul>	In Progress
	<i>EA Table 15-25, 15-27 and 15-31</i>	<ul style="list-style-type: none"> <li>Obtain necessary approvals under Navigable Waters Protection Act, as required.</li> </ul>	In Progress
	<i>EA Table 15-25, 15-27 and 15-31</i>	<ul style="list-style-type: none"> <li>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.</li> </ul>	In Progress
	<i>EA Table 15-25, 15-27 and 15-31</i>	<ul style="list-style-type: none"> <li>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.</li> </ul>	In Progress
	<i>EA Table 15-25, 15-27 and 15-31</i>	<ul style="list-style-type: none"> <li>Discuss with TC to ensure that appropriate procedures were used for navigable waterway crossings.</li> </ul>	In Progress

<sup>1</sup>Coastal GasLink is responsible for implementing mitigation presented in the SEEMP.

**Appendix D**

**Diversity and Local Employment,  
January 2020 – April 2021**

## Diversity and Local Employment, January 2020 – April 2021

Available diversity and local employment information is presented below. This information is subject to change and not to be considered an exhaustive census of the Project's workforce. Coastal GasLink is committed to hiring locally and continues to actively recruit in the Project area through collaboration with WorkBC.

Month	Monthly Employment Count <sup>1, 2, 3, 4</sup>			
	Indigenous	Women	Local	BC Overall
<b>2020</b>				
January	297	322	792	1,125
February	342	340	740	1,091
March <sup>5</sup>	275	536	937	1,527
April	143	166	326	477
May	152	212	438	651
June <sup>5</sup>	202	469	630	1,116
July	214	464	618	1,166
August	245	379	575	1,053
September <sup>5</sup>	439	513	951	1,805
October	517	640	808	1,659
November	328	408	609	1,130
December <sup>5</sup>	446	513	735	1,484
<b>2021</b>				
January	179	288	377	579
February	180	325	407	758
March	322	417	589	1,154
April	321	427	577	1,120

<sup>1</sup> Reported values are not cumulative. Individuals may qualify under multiple categories.

<sup>2</sup> Data was available between January 2020 - April 2021 at the time of this report's release.

<sup>3</sup> This information is subject to change and not to be considered an exhaustive census of the Project's workforce.

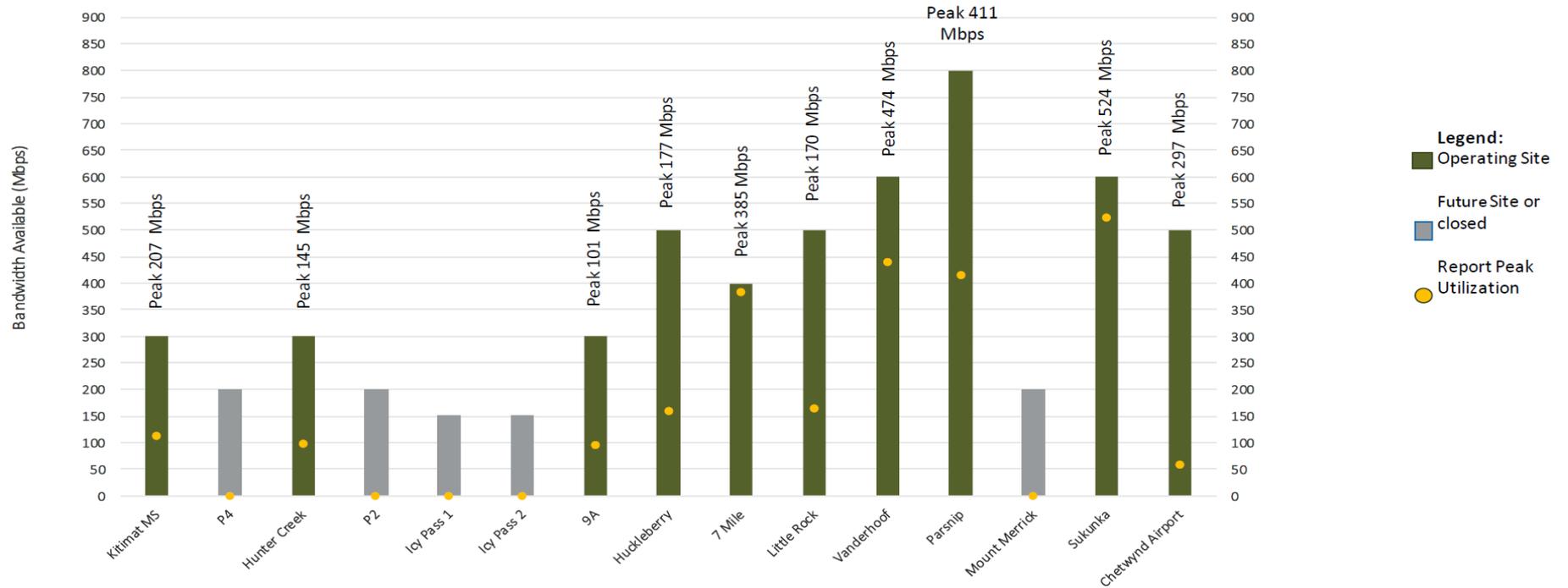
<sup>4</sup> This information is voluntarily self-identified during data collection.

<sup>5</sup> Some contractors reported on a quarterly basis which is reflected in March, June, September and December 2020 data.

# **Appendix E**

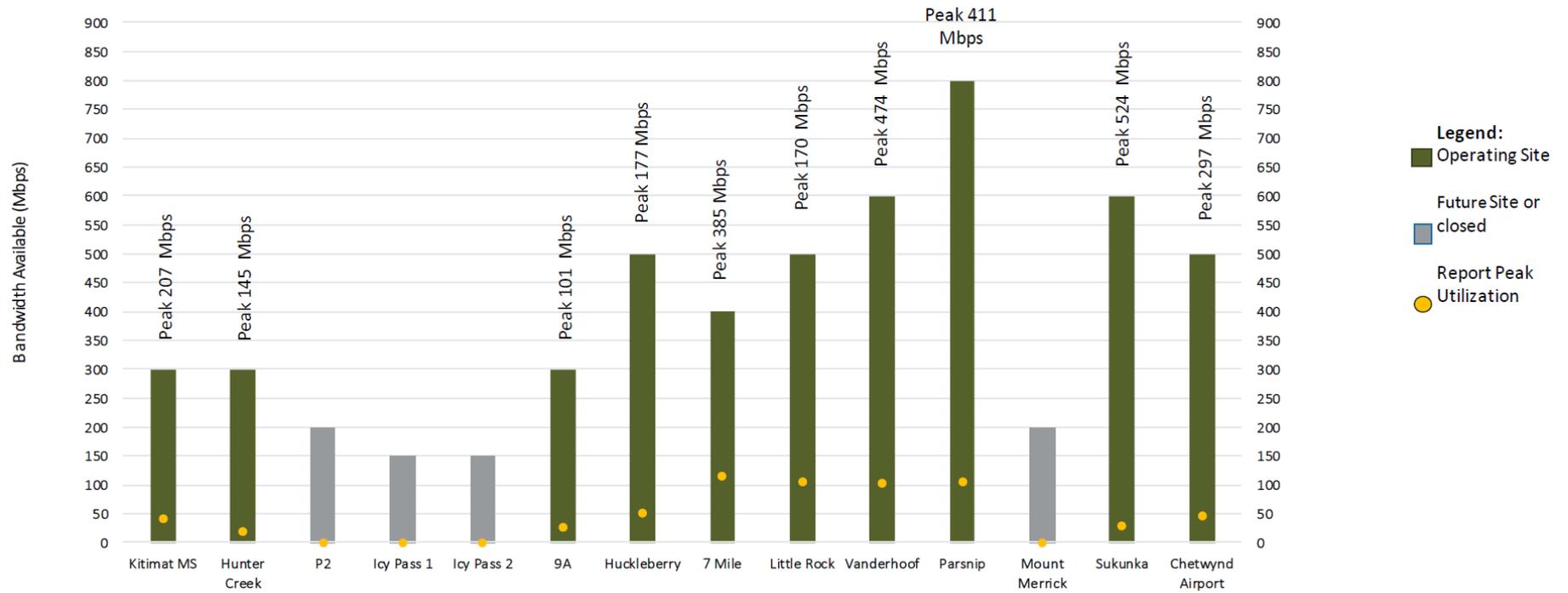
## **Workforce Telecommunication Use**

### Lodge Wi-fi Availability and Peak Utilization, December 2020



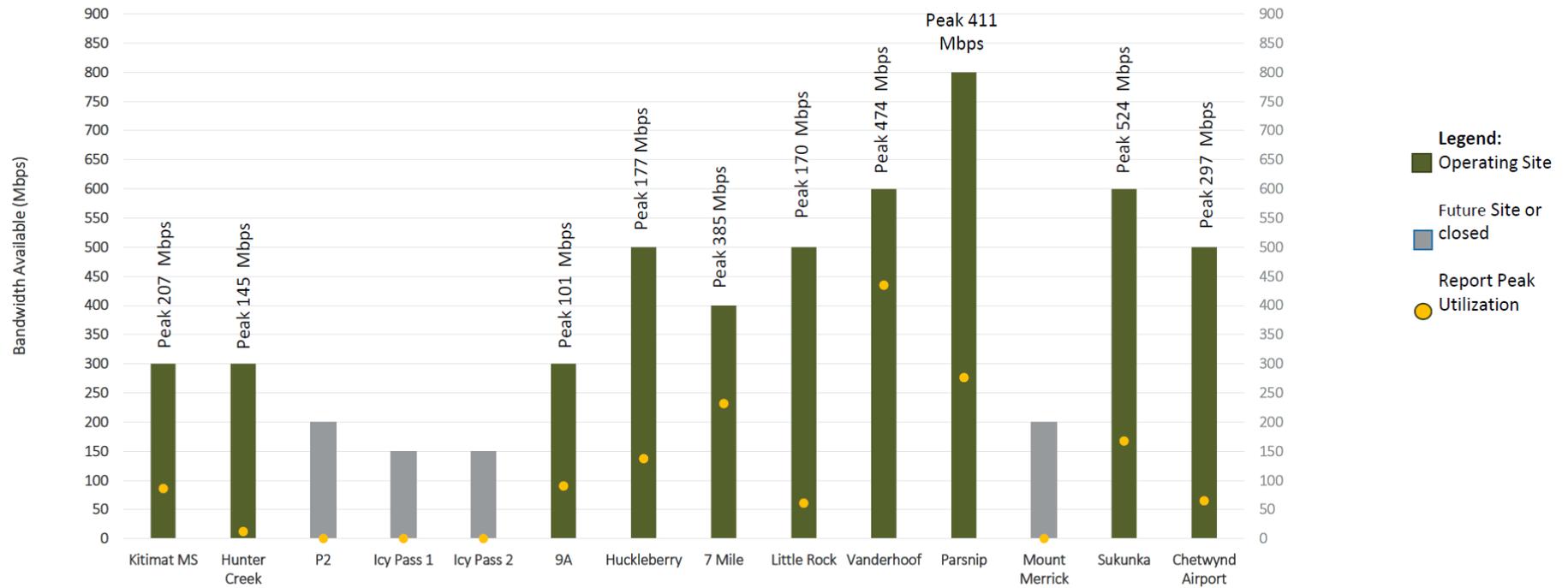
**Notes:** ● The Kitimat MS and Chetwynd Airport facilities are Project offices.

## Lodge Wi-Fi Availability and Peak Utilization, January 2021



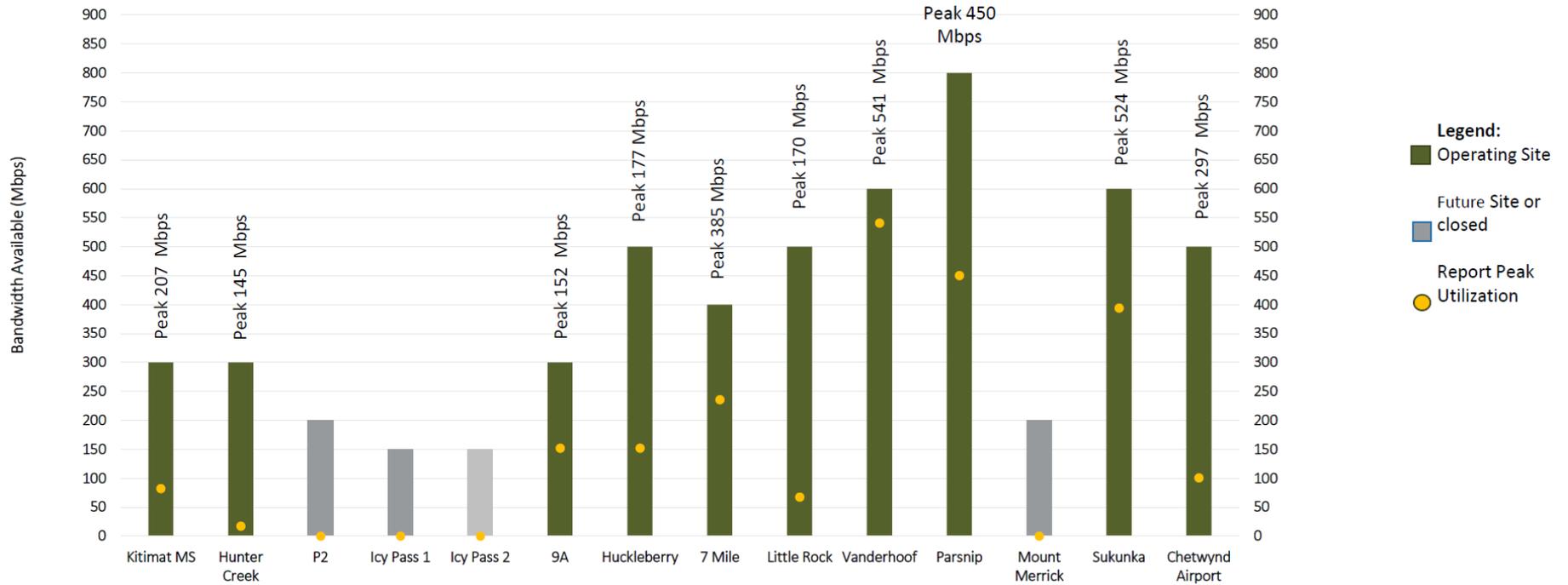
**Notes:** ● The Kitimat MS and Chetwynd Airport facilities are Project offices.

### Lodge Wi-Fi Availability and Peak Utilization, February 2021



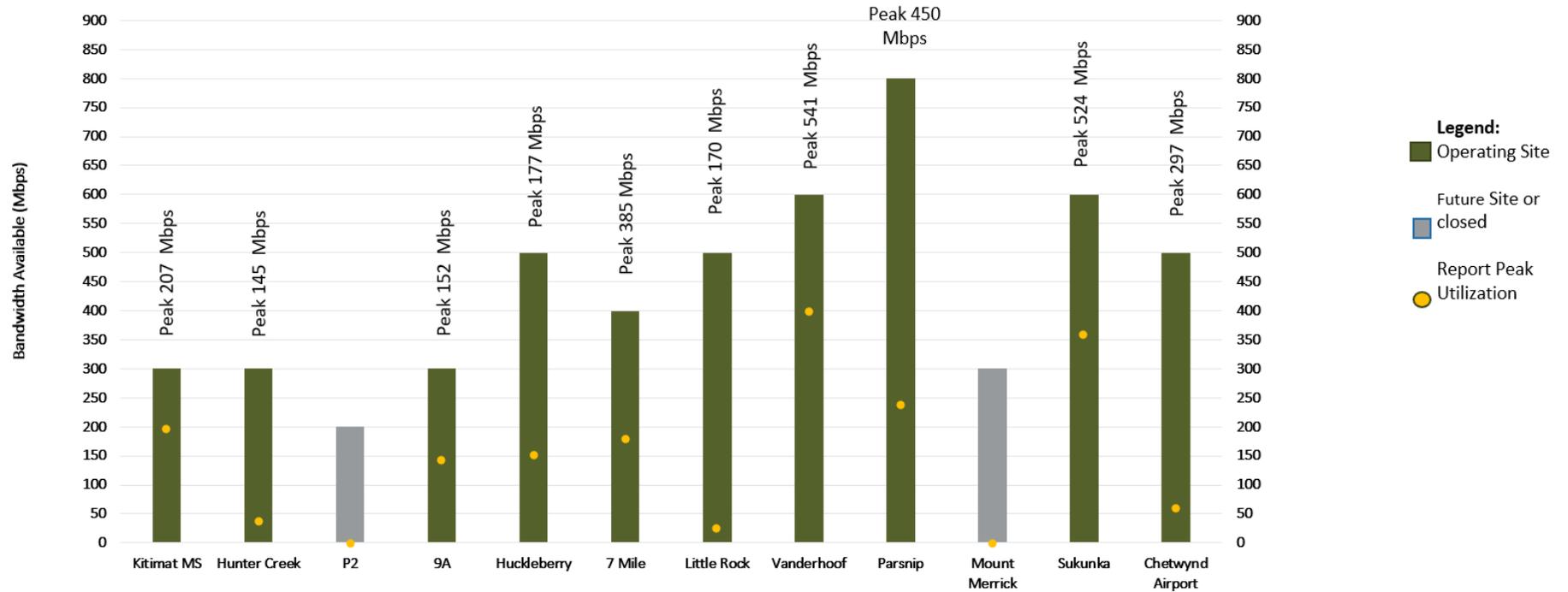
**Notes:** ● The Kitimat MS and Chetwynd Airport facilities are Project offices.

### Lodge Wi-Fi Availability and Peak Utilization, March 2021



**Notes:** ● The Kitimat MS and Chetwynd Airport facilities are Project offices.

### Lodge Wi-Fi Availability and Peak Utilization, April 2021



**Notes:** ● The Kitimat MS and Chetwynd Airport facilities are Project offices.

## **Appendix F**

### **Project Waste Volume Forecast by Location and Type**

## Project Waste Volume Forecast by Location and Type

Section	Location	Solid waste (m <sup>3</sup> )	Cardboard (m <sup>3</sup> )	Cans & Bottles	Hazardous Waste (kg)	Water (L)	Liquid Waste (L)
1	Wilde Lake Compressor Station	730	10,220	-	4,380	-	-
	Sukunka Lodge	857	12,000	222,862	3,429	17,143	17,143
	Section 1 ROW	429	6,000	-	2,571	8,572	8,572
2	Mt. Merrick Lodge	631	8,829	163,972	2,523	12,613	12,613
	Section 2 ROW	1,059	14,829	-	6,355	-	-
3	Parsnip Lodge	3,457	48,394	898,741	13,827	69,134	69,134
	Section 3 ROW	3,457	48,394	-	20,740	-	-
4	Vanderhoof Lodge	1,270	17,787	330,322	5,082	25,409	25,409
	Section 4 ROW East	572	8,004	-	3,430	-	-
	Section 4 ROW West	699	9,783	-	4,193	-	-
5	Little Rock Lake Lodge	1,398	19,575	363,527	5,593	27,964	27,964
	Section 5 ROW	1,476	20,661	-	8,855	-	-
6	7-Mile Road Lodge	1,611	22,548	418,751	6,442	32,212	32,212
	Section 6 ROW	1,679	23,507	-	10,075	-	-
7	Huckleberry Lodge	3,228	45,196	839,350	12,913	64,565	64,565
	9A Lodge	627	8,778	163,028	2,508	12,541	12,541
	Section 7 ROW	2,103	29,439	-	12,617	-	-
8	P2 Lodge	1,890	26,466	491,514	7,562	37,809	37,809
	Hunter Creek	1,255	17,567	326,245	5,019	25,096	25,096
	Sitka Lodge	2,714	38,001	705,731	10,857	54,287	54,287
	Kitimat Meter Station	45	634	-	272	-	-
	Section 8 ROW	6,019	84,265	-	36,113	-	-

**Notes:**

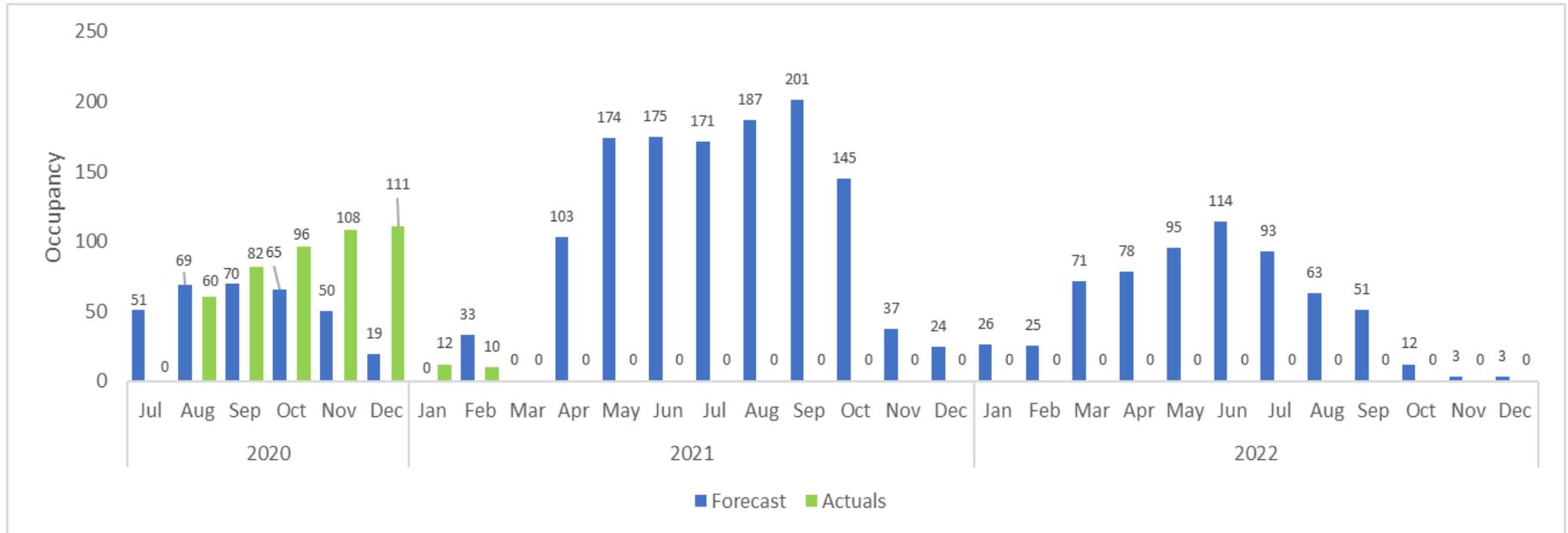
Waste Assumptions Table (volumes per person per day)	
Solid Waste (m3)	0.01
Cardboard (m3)	0.14
Cans & Bottles (ea)	2.6
Hazardous & Industrial Waste Lodges (Kg)	0.04
Hazardous & Industrial Waste ROW & Facilities (Kg)	0.06
Water (m3)	0.2
Liquid Waste (m3)	0.2

- All calculations are based on forecasted person-days.
- Person-days for lodges & ROW's were derived principally from lodge histograms for each work package.
- Person-days for facilities were derived from facilities workforce schedules.
- The figures shown in this table represent estimated waste volume totals to the end of construction.
- Section 1 ROW figures are based on an estimate of employees in Chetwynd rental or commercial accommodation + 50% of Sukunka Lodge residents. The other 50% of Sukunka Lodge residents are attributed to Section 2.
- Section 4 ROW East/West is an approximate split between two regional districts; waste volumes will be hauled to local facilities according to this distribution.
- Section 7 ROW figures are derived from forecasted person-days for 9A and Huckleberry lodges.
- Section 8 ROW figures are derived from prime contractor information. The Kitimat Meter Station has been separated from the Section 8 ROW.
- Information is current as of April 1, 2021 and is subject to change.

## **Appendix G**

### **Workforce Accommodations – Planned vs Actual Peak Occupancy Charts**

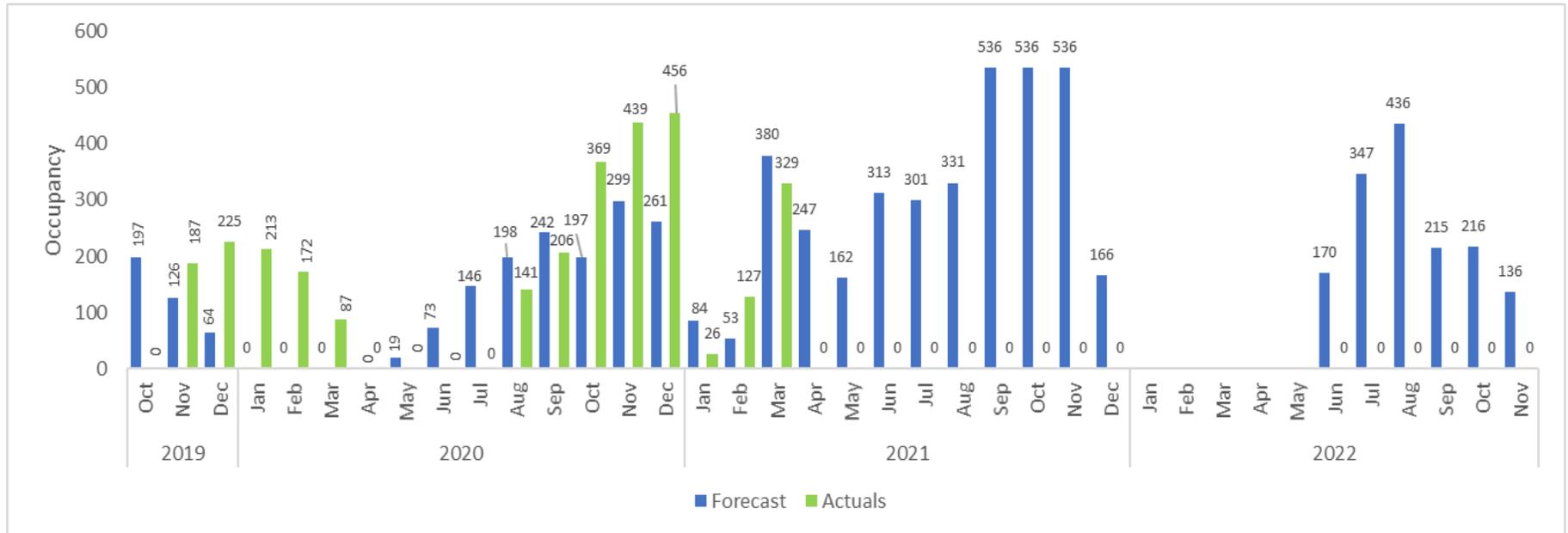
### Sanataa Lodge (Section 1): planned vs actual peak occupancy



**Notes:**

- Data is current as of April 2021.
- Peak occupancy is recorded as the highest occupancy day within a given month.

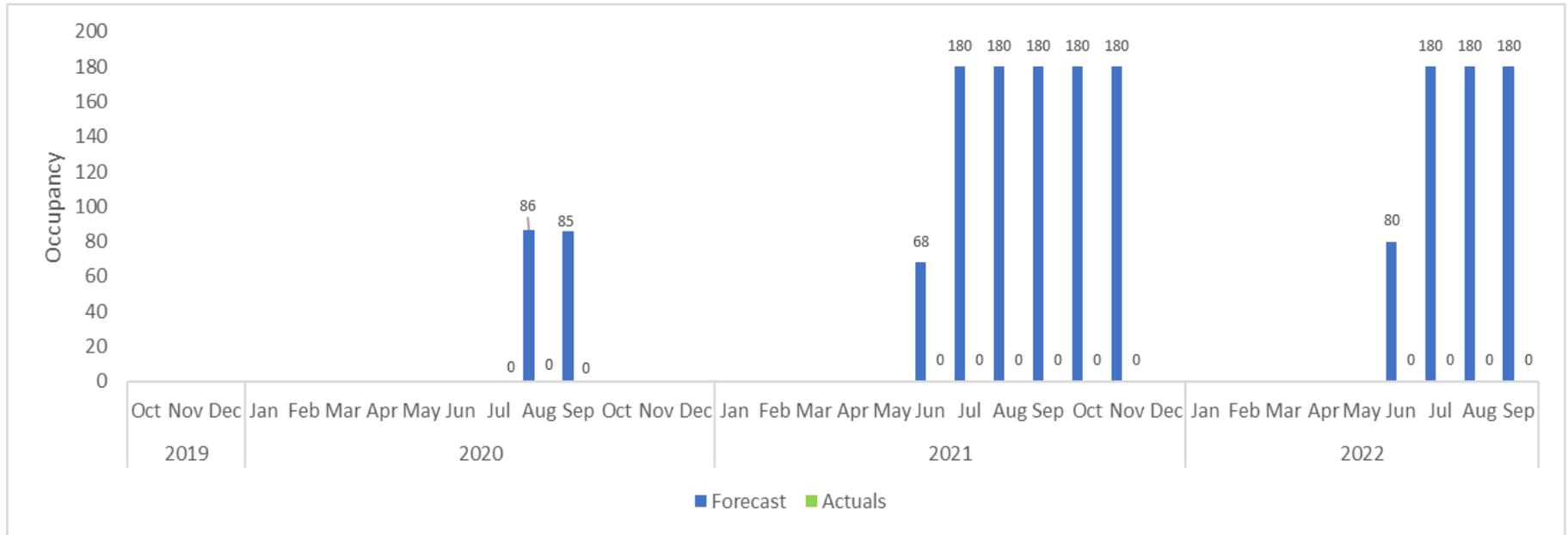
**Sukunka Lodge (Section 2): planned vs actual peak occupancy**



**Notes:**

- Data is current as of April 2021.
- Peak occupancy is recorded as the highest occupancy day within a given month.

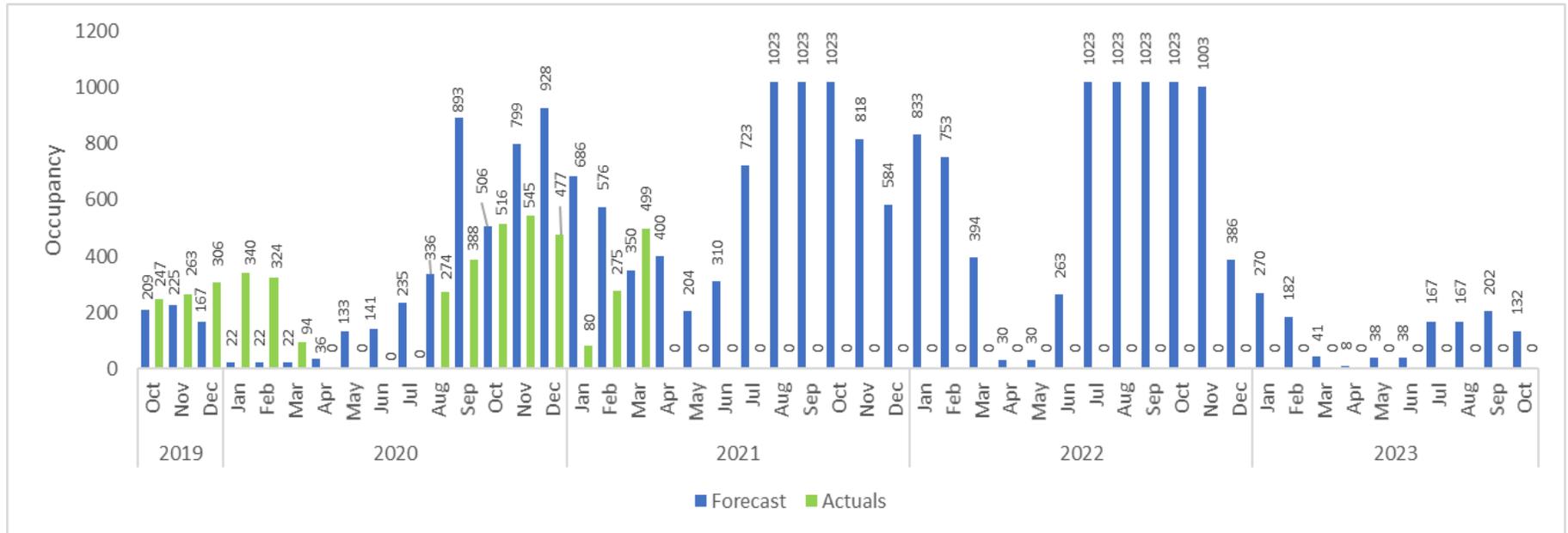
### Mount Merrick Lodge (Section 2): planned vs actual peak occupancy



**Notes:**

- Data is current as of April 2021.
- Peak occupancy is recorded as the highest occupancy day within a given month.

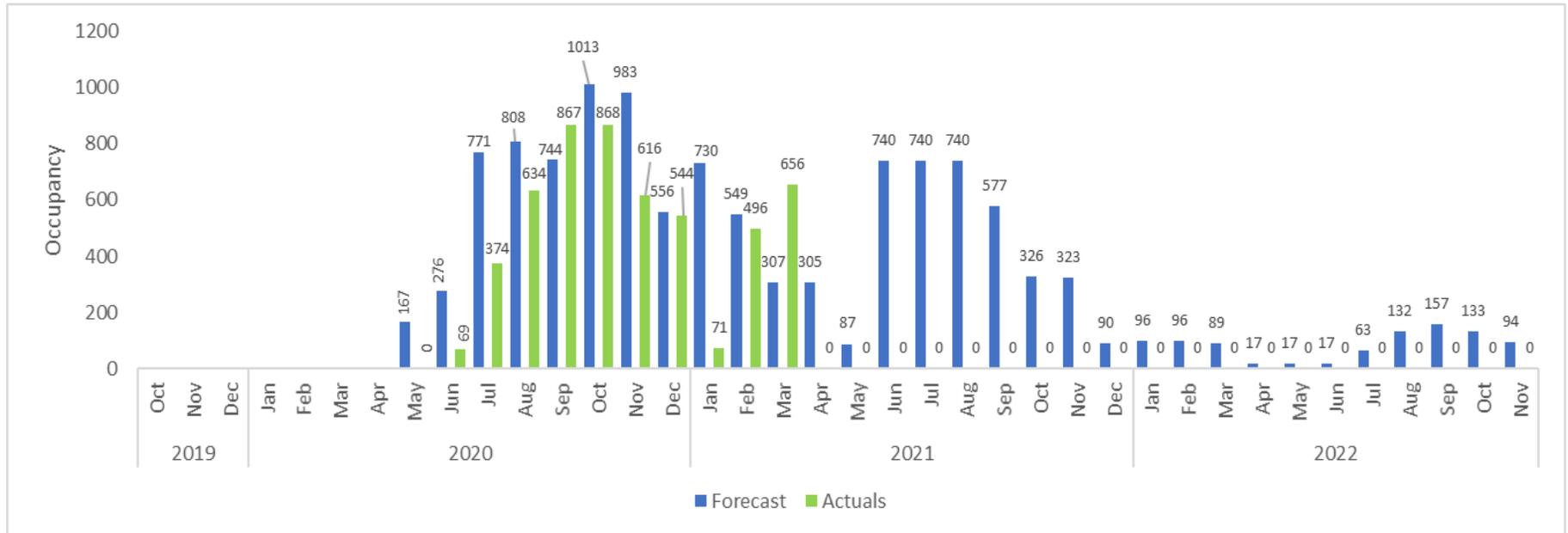
**Parsnip Lodge (Section 3): planned vs actual peak occupancy**



**Notes:**

- Data is current as of April 2021.
- Peak occupancy is recorded as the highest occupancy day within a given month.

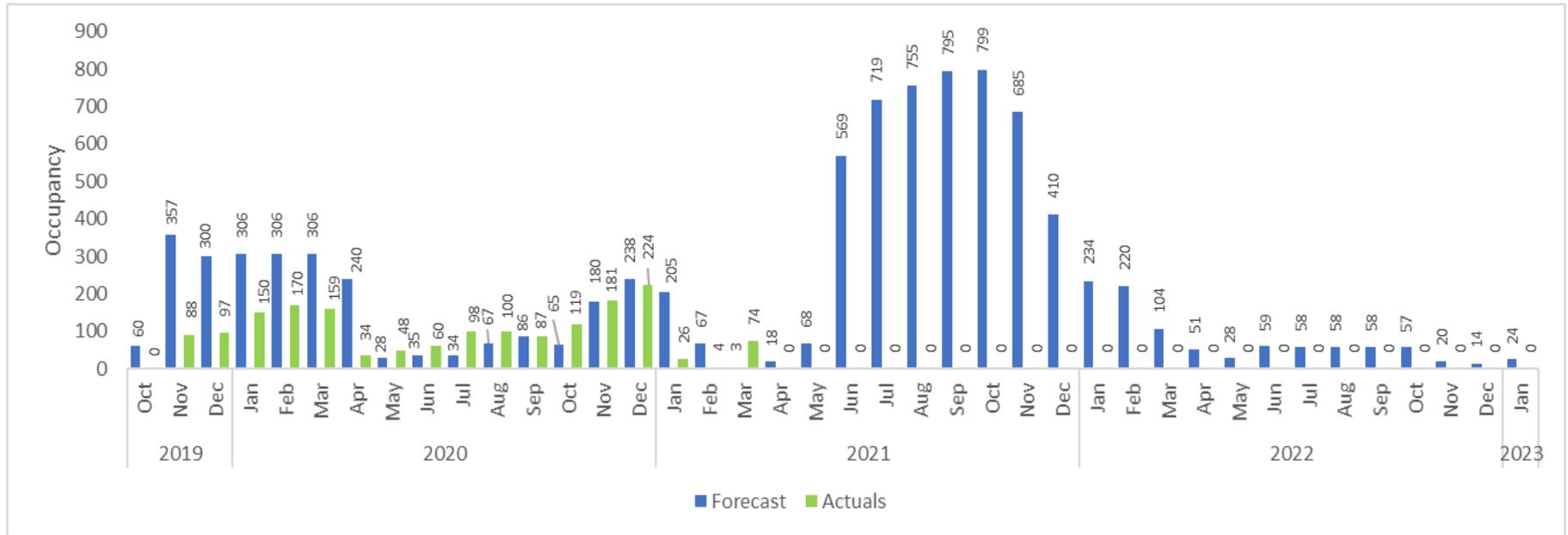
### Vanderhoof Lodge (Section 4): planned vs actual peak occupancy



**Notes:**

- Data is current as of April 2021.
- Peak occupancy is recorded as the highest occupancy day within a given month.

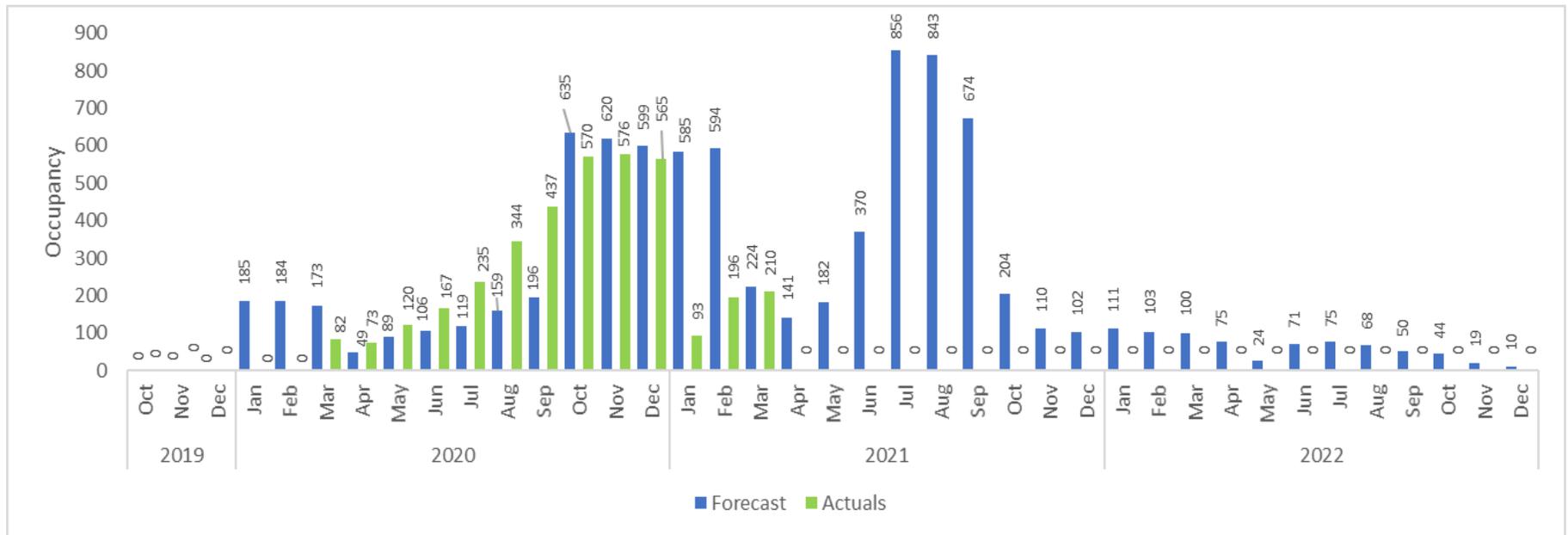
### Little Rock Lake Lodge (Section 5): planned vs actual peak occupancy



**Notes:**

- Data is current as of April 2021.
- Peak occupancy is recorded as the highest occupancy day within a given month.

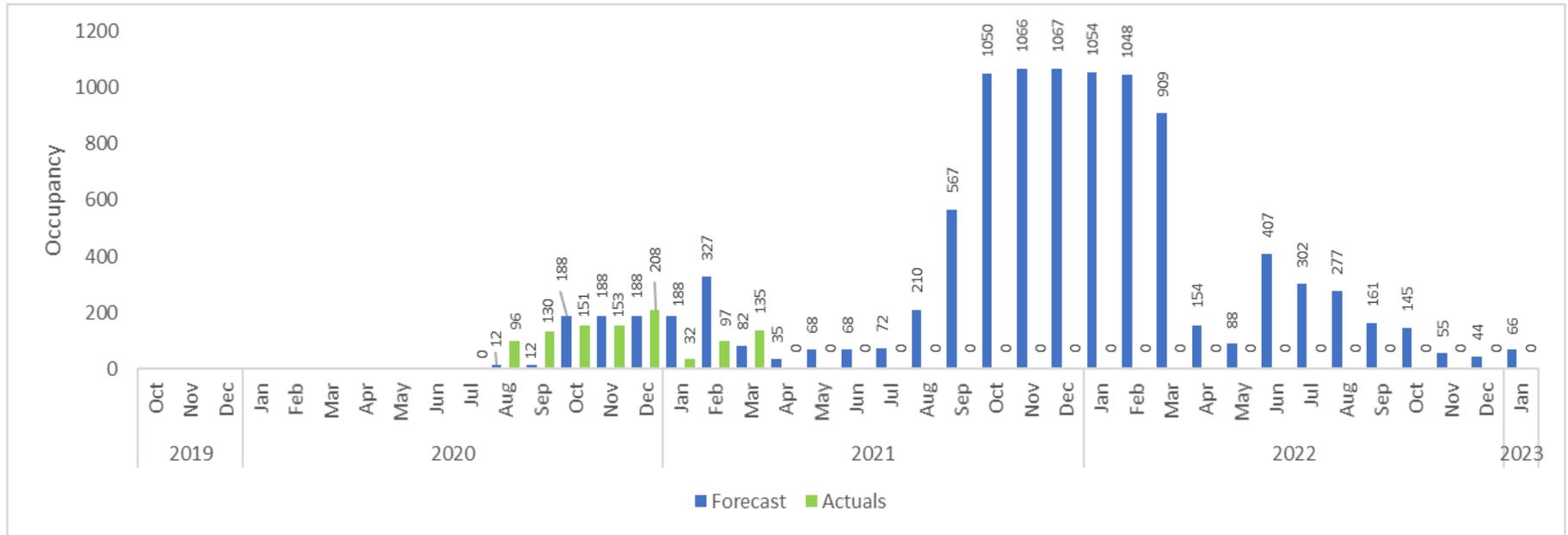
### 7 Mile Road Lodge (Section 6): planned vs actual peak occupancy



**Notes:**

- Data is current as of April 2021.
- Peak occupancy is recorded as the highest occupancy day within a given month.

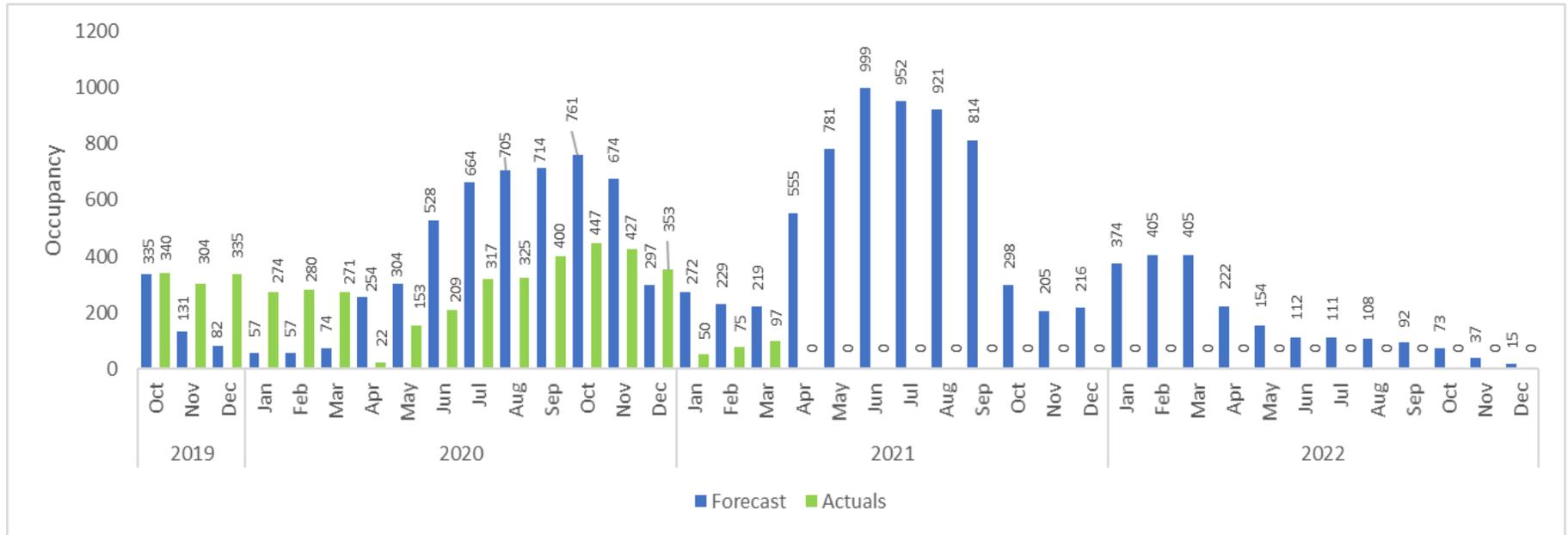
### Huckleberry Lodge (Section 7): planned vs actual peak occupancy



**Notes:**

- Data is current as of April 2021.
- Peak occupancy is recorded as the highest occupancy day within a given month.

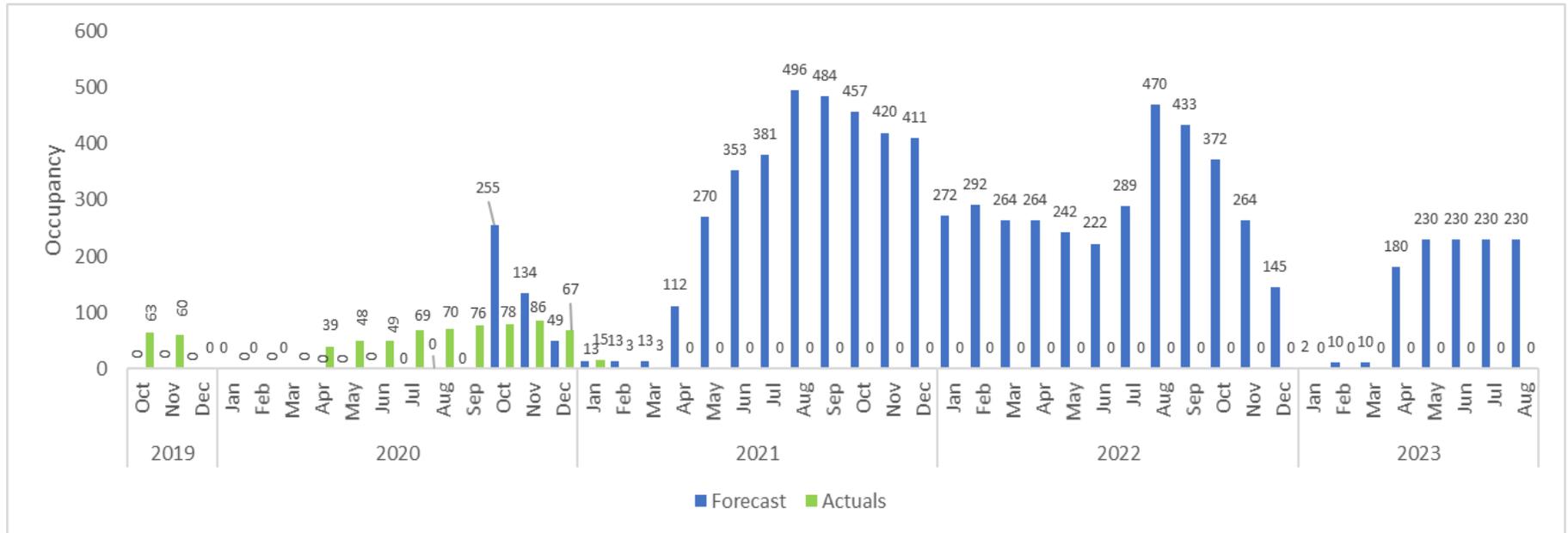
### Sitka Lodge (Section 8): planned vs actual peak occupancy



**Notes:**

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

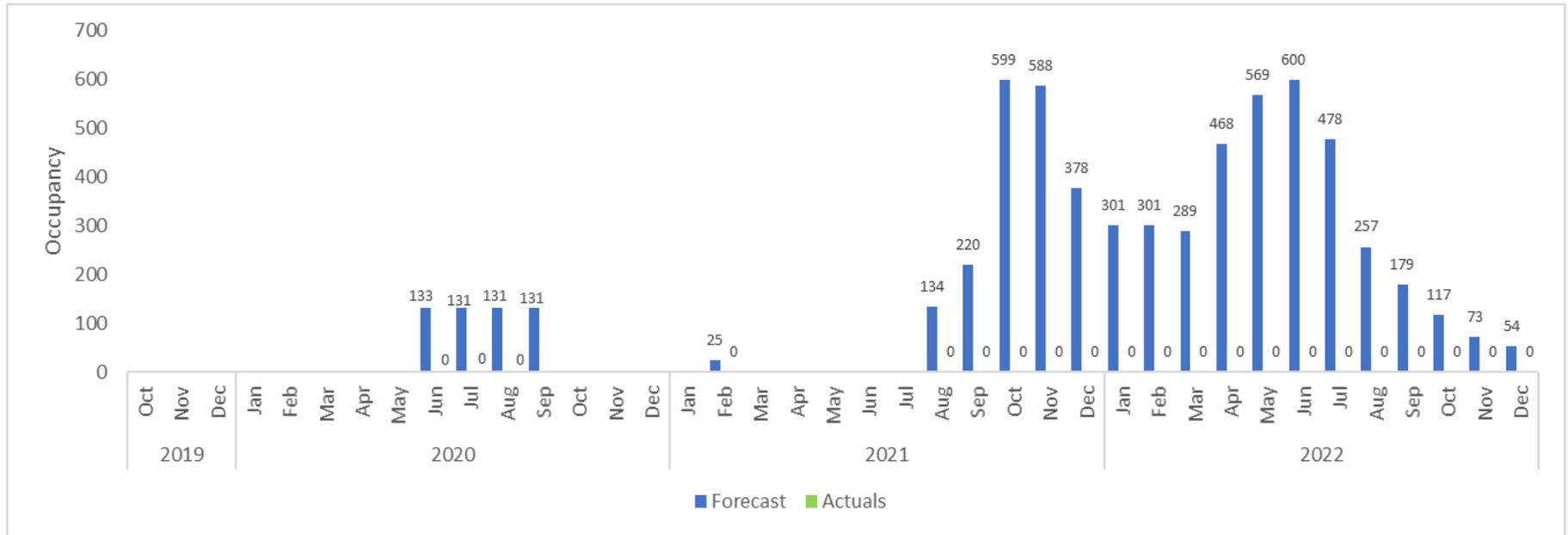
### Hunter Creek Lodge (Section 8): planned vs actual peak occupancy



**Notes:**

- Data is current as of April 2021.
- Peak occupancy is recorded as the highest occupancy day within a given month.

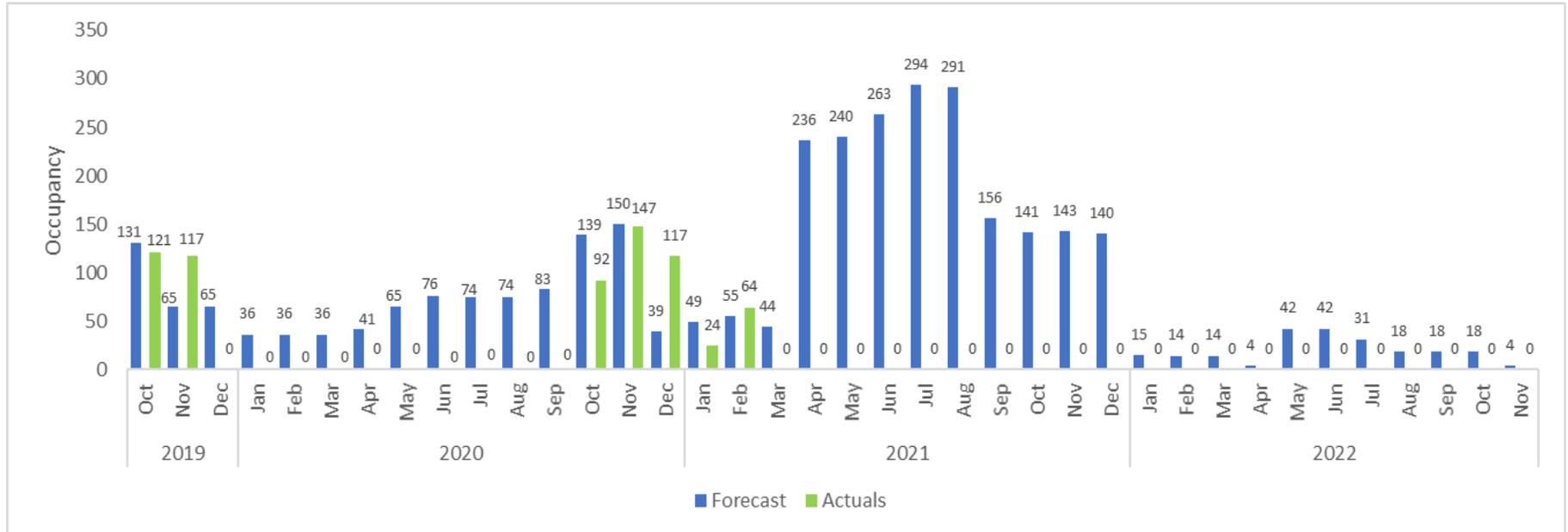
**P2 Lodge (Section 8): planned vs actual peak occupancy**



**Notes:**

- Data is current as of April 2021.
- 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 April 2021.
- Peak occupancy is recorded as the highest occupancy day within a given month.