



SEEMP Status Report No. 6

June to November 2021

CGL4703-CGP-SE-RPT-0034

Issued for Use

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December 15, 2021

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 the sixth SEEMP reporting period, June to November 2021 (the reporting period), Coastal GasLink continued to work with affected road users to address road quality concerns and implement mitigation. In addition, Coastal GasLink continued to work closely with Northern Health and the Project's Prime Contractors to implement COVID-19 safety measures and to support economic recovery. 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.

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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.

This is the sixth SEEMP status report. It describes SEEMP implementation between June and November 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	December 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
6	June – November 2021	December 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 July 9, 2020, Coastal GasLink filed a list of proposed updates to several management plans required by conditions included in Schedule B of EAC E14-03. Coastal GasLink then initiated an extended period of engagement with Indigenous groups and relevant Regulatory Authorities on these proposed updates. Following the completion of this engagement period, on July 22, 2021, EAO informed Coastal GasLink that it had completed its review and the updates had been approved.

On May 10, 2021, the BC EAO approved Coastal GasLink's EAC amendment application for the Groundbirch Connector. The Groundbirch Connector is an approximately 3-km pipeline beginning at a NOVA Gas Transmission Ltd. System (NGTL) interconnect and ending 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)

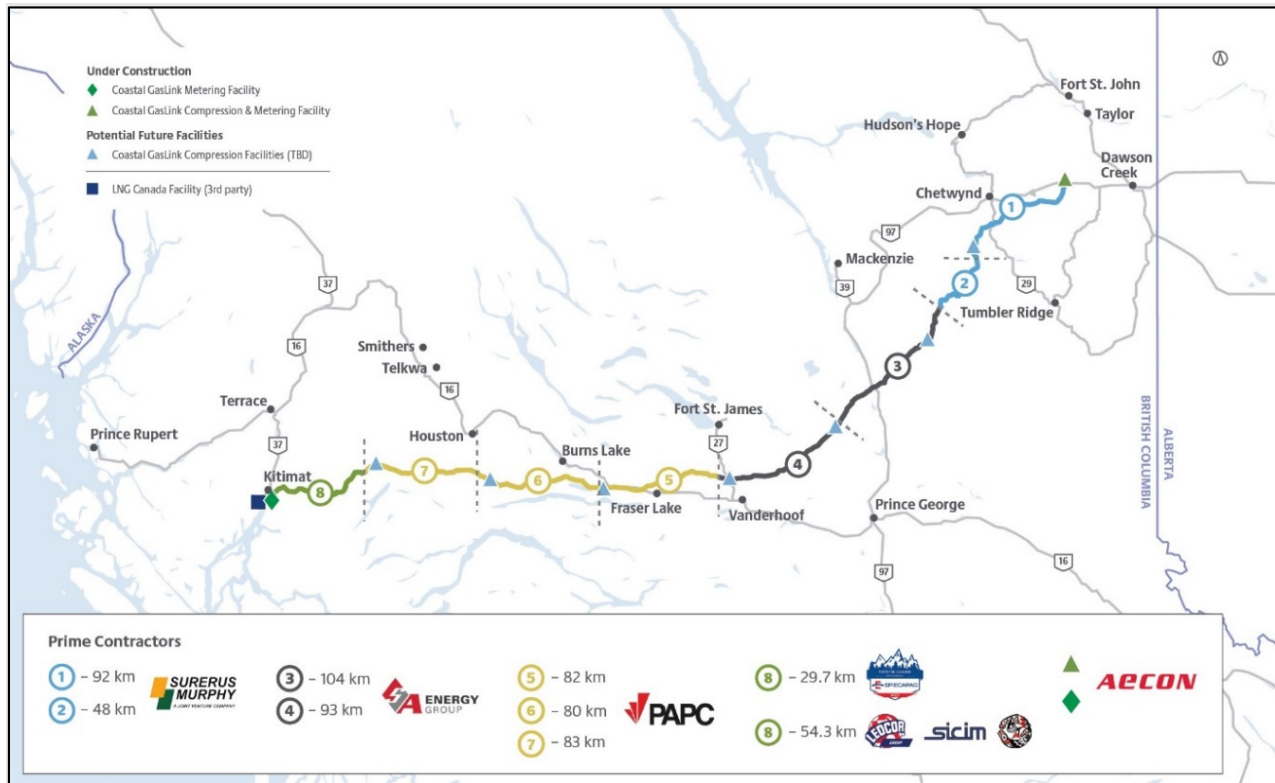


Figure 2-1: Coastal GasLink Pipeline Project Corridor Map

2.1. COVID-19 UPDATE

At the start of August 2021, B.C. experienced a fourth wave of COVID-19 infections driven by the delta variant. Northern B.C. communities continued to manage an increased load on local healthcare service capacity as a result of the fourth wave of COVID-19 infections, primarily in the unvaccinated population. Coastal GasLink continues to collaborate with the Northern Health Authority (Northern Health) to ensure protective measures for the workforce were implemented in accordance with the evolving circumstances of the pandemic. While some protective measures were lifted in accordance with the B.C. Public Health Officer’s guidance during early summer 2021, these measures were reinstated as the fourth wave took place in northern B.C.

During late summer 2021, Coastal GasLink experienced an increased number of positive cases in the workforce consistent with similar trends in the broader public. Northern Health declared two COVID-19 clusters within the Coastal GasLink workforce during the reporting period. These declarations were a result of a total of 14 cases that occurred in Section 1 and Section 2 during August and September 2021.

During September 2021, Coastal GasLink updated its vaccination campaign to continue encouraging vaccination uptake within the workforce through education, support and providing easy access to vaccines. A mobile vaccination unit toured across the project corridor twice to

provide factual information and enhance vaccine availability to the workforce in Project field locations. Northern Health is providing the Project with Moderna vaccines to support vaccinations on site.

On October 4, 2021, the B.C. Public Health Officer ordered that proof of vaccination be required for access to some events, services and businesses starting October 24, 2021. Coastal GasLink is dedicated to ensuring the safety of our workers and Indigenous and local communities with regular monitoring of our workforce through testing, mandatory use of face coverings and encouraging vaccinations.

As of November 29, 2021, Coastal GasLink had recorded 313 cases of COVID-19 among on-site Project employees since March 2020. Of those recorded cases, 220 occurred between June and November 2021. Coastal GasLink continued to engage directly with adjacent Indigenous communities and local governments throughout the ongoing pandemic and the Project workforce continued to follow Dr. Bonnie Henry's guidelines for industrial camps. Coastal GasLink also continued to host regular COVID-19 meetings with Dr. Allan Holmes of Iridia Medical. These meetings included elected officials, local governments and Indigenous groups as participants. Starting in October 2021, the meetings moved from bi-weekly to monthly. As of November 2021, 19 COVID-19 meetings with Dr. Holmes have been conducted.

Since the declaration of the global COVID-19 pandemic in March 2020, Coastal GasLink has been transparent in sharing information 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://www.coastalgaslink.com), with briefings available on request.

2.2. PROJECT CONSTRUCTION UPDATE

As of October 31, 2021, overall progress including engineering, procurement and construction activities was estimated at 56%, with over 5,000 workers active across the project corridor. Highlights during the reporting period include the following:

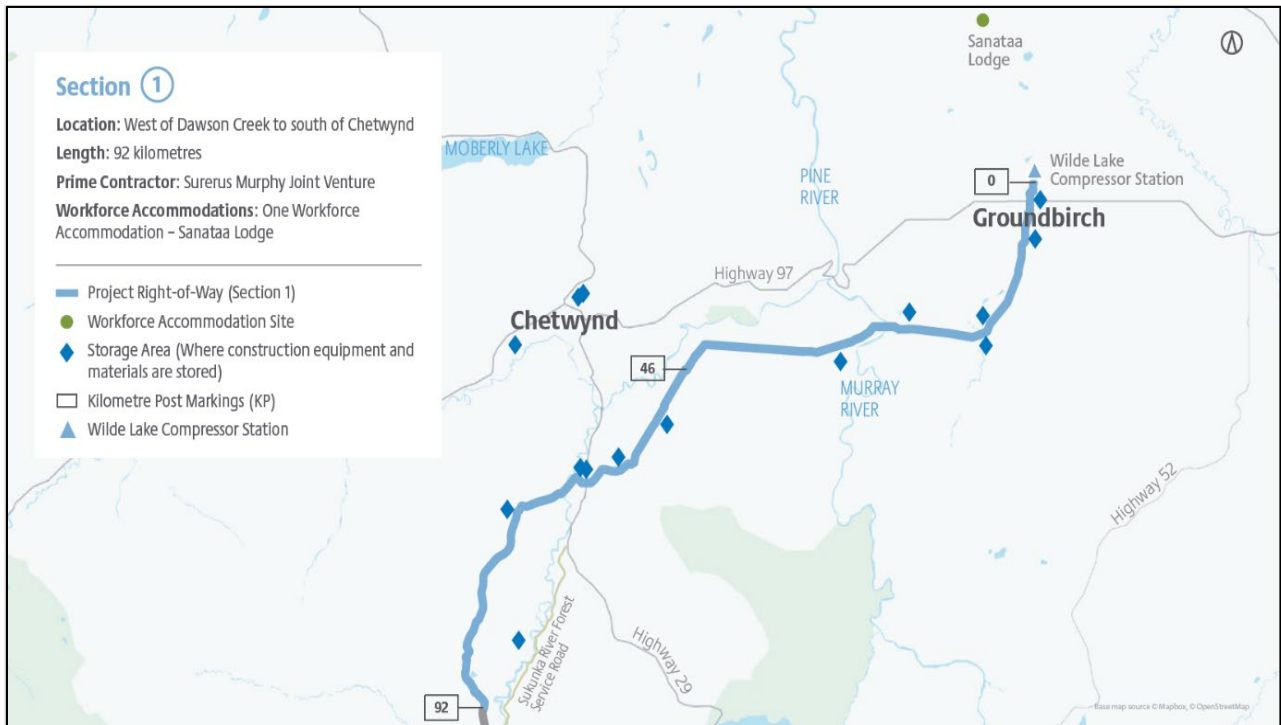
- In July 2021, TC Energy launched Cultural Awareness training in accordance with the Project's EAC Condition #29. Cultural Awareness training is mandatory for all project personnel, including Prime Contractors and subcontractors. Training materials were developed in collaboration with 22 Indigenous communities with traditional territory in the Project area. The training provides a foundation to educate Coastal GasLink personnel of the importance of reconciliation and the history of Indigenous peoples in Canada. In addition, this training raises awareness about the local Indigenous communities who have partnered with the Project.
- In July 2021, the Murray River Horizontal Directional Drilling (HDD) trenchless water crossing in Section 1 was completed. It is the largest trenchless crossing on the Project route.
- Construction of the Kitimat Meter Station was completed on July 14, 2021.

- In September 2021, the Burnt River Direct Pipe Installation (DPI) trenchless water crossing in Section 2 was completed.
- In September 2021, Coastal GasLink partnered with United Way of Northern British Columbia to launch the Legacy of Giving Campaign. Between September and October 2021, over \$97,000 was raised by Coastal GasLink and the Project's Prime Contractors.
- On September 30, 2021, Coastal GasLink recognized Canada's first National Day for Truth and Reconciliation with guest speaker events, virtual Orange Shirt Day sessions with the Trellis Society and volunteer/giving opportunities with the Legacy of Hope Foundation, Iiyika' kimaat Youth Program and the Indian Residential School Survivor Society.
- In October 2021, Steep Slope Awareness sessions were initiated across the Project workforce.
- In October 2021, the Sukunka River HDD trenchless water crossing in Section 1 was completed.
- In October 2021, the Salmon River DPI trenchless water crossing in Section 4 was completed.
- In October 2021, the pioneer access road through Icy Pass in Section 8 West was completed.

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

As of October 2021, 100% of the project corridor was cleared and graded in Section 1. Approximately 96% of pipe installation was completed in Section 1. The Murray River HDD crossing was completed in July 2021 and the Sukunka River HDD was completed in October 2021. Reclamation activities were initiated in September 2021 as construction nears completion in Section 1.

Figure 2-2: Section 1 Map

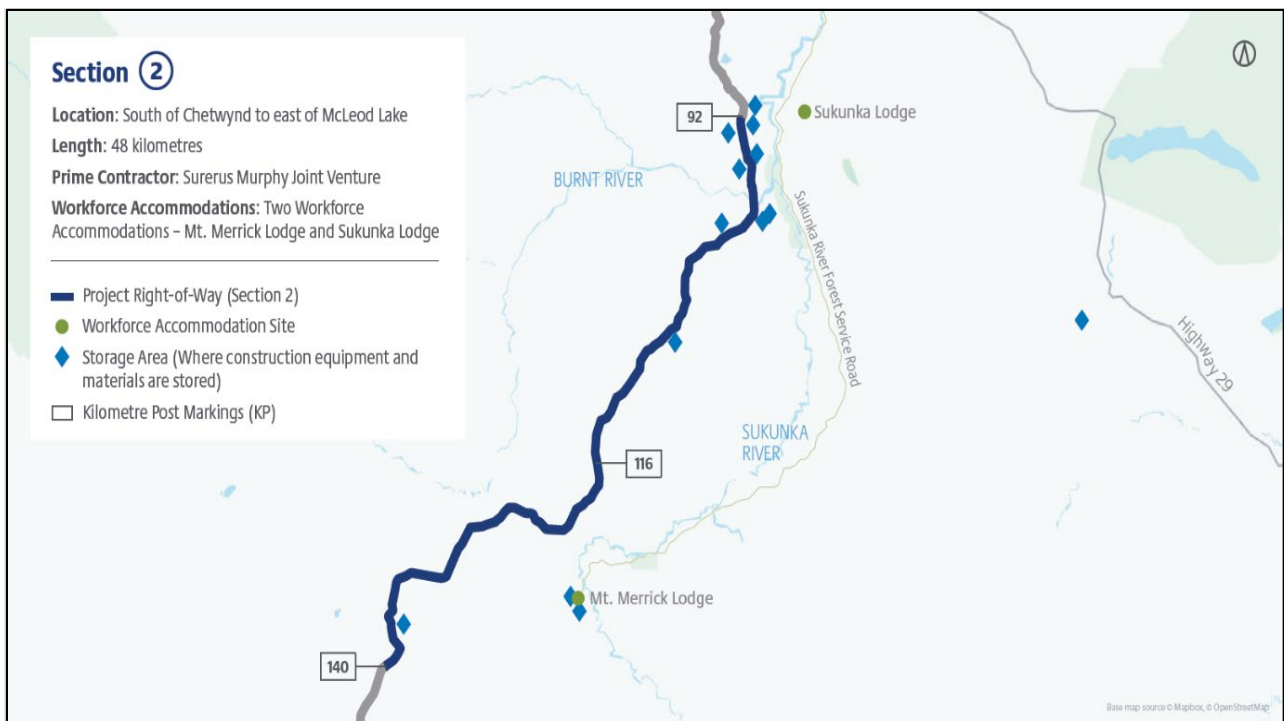


2.2.2 Section 2: South of Chetwynd to East of McLeod Lake
Prime Contractor: SMJV

As of October 2021, 100% of the project corridor was cleared in Section 2. Approximately 75% was graded and 12% of pipe installation was completed in Section 2. The Burnt River DPI was completed in September 2021. Stripping, access and grading works continued in the Burnt Mountain, Mount Merrick and Headwall areas.

The Mount Merrick Lodge opened and began workforce occupancy in June 2021.

Figure 2-3: Section 2 Map

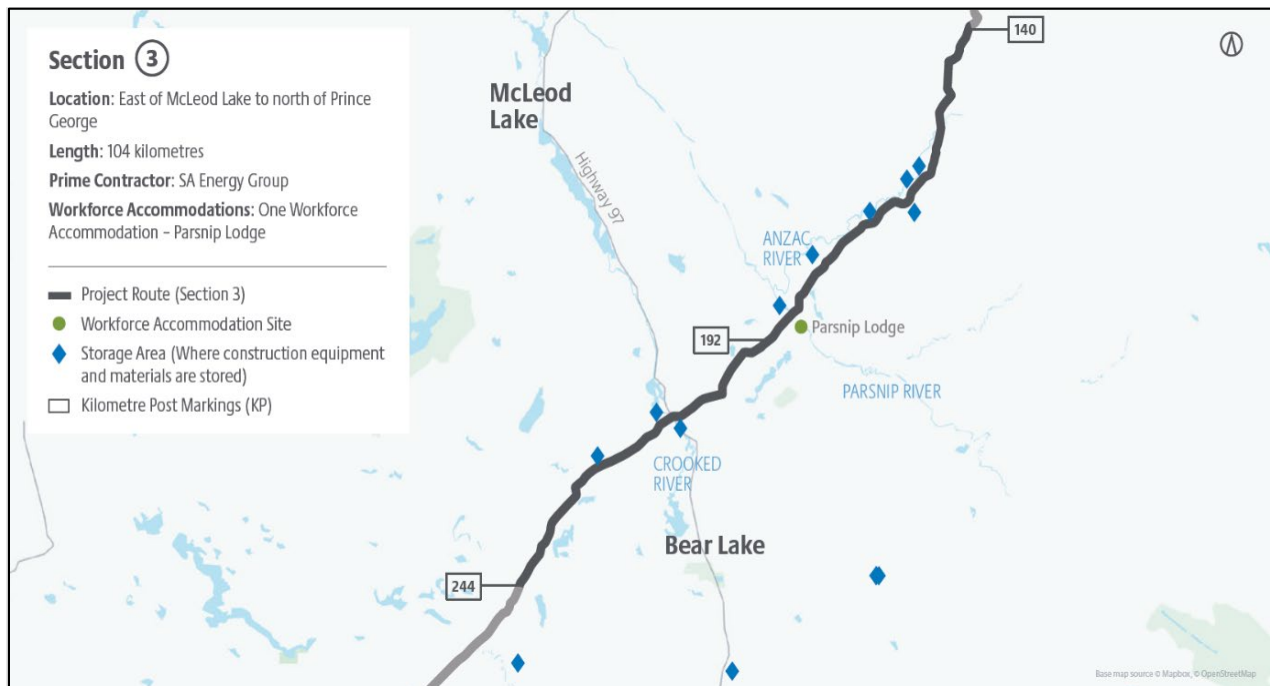


2.2.3. Section 3: East of McLeod Lake to North of Prince George
Prime Contractor: SA Energy

As of October 2021, 100% of the project corridor was cleared in Section 3. Approximately 46% was graded and 23% of pipe installation was completed in Section 3. Post-spring breakup road repairs in Section 3 continued through August 2021. Weather conditions resulted in crew shutdowns throughout October 2021.

The Parsnip Lodge re-opened in July 2021 with limited capacity due to restrictions and closures of access roads.

Figure 2-4: Section 3 Map

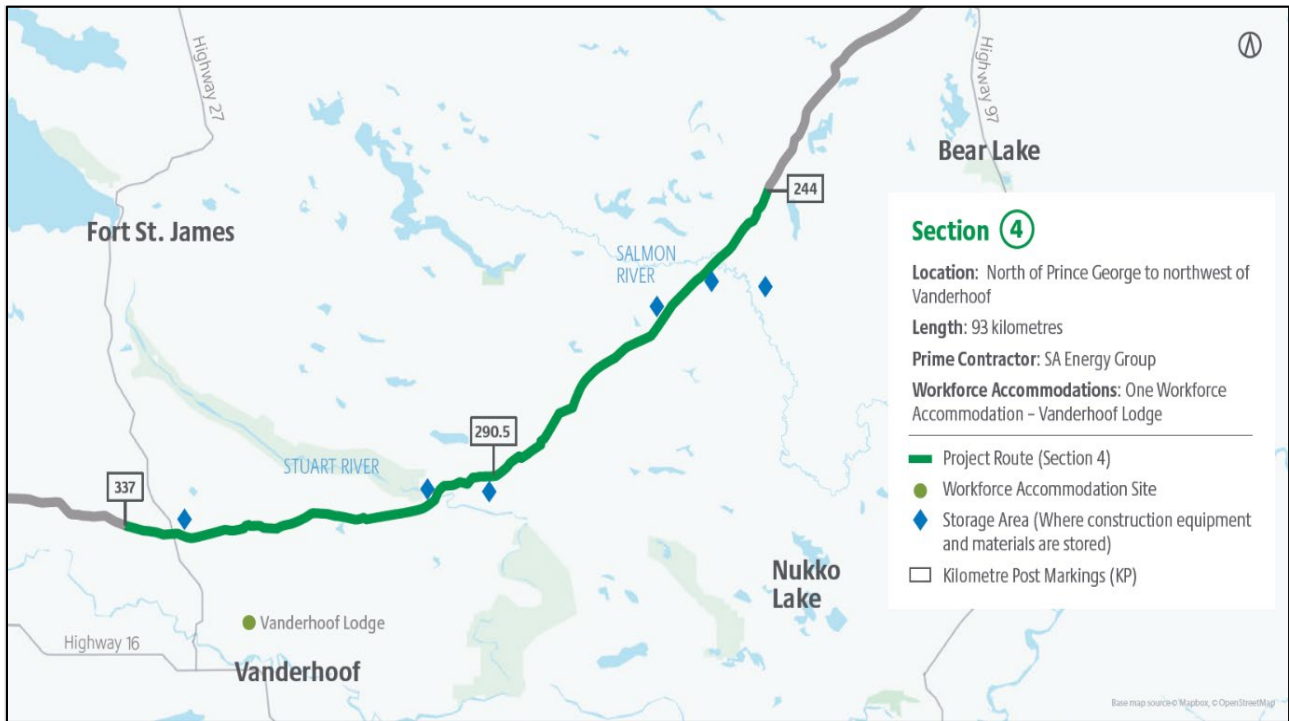


2.2.4. Section 4: North of Prince George to Northwest of Vanderhoof
Prime Contractor: SA Energy

As of October 2021, 100% of the project corridor was cleared and graded in Section 4. Approximately 96% of pipe installation has been completed. Road repairs resulting from weather and a condensed construction schedule were completed in summer 2021. In October 2021, the Salmon River DPI trenchless water crossing in Section 4 was completed.

The Vanderhoof Lodge began demobilization during September 2021 and officially closed on October 1, 2021.

Figure 2-5: Section 4 Map

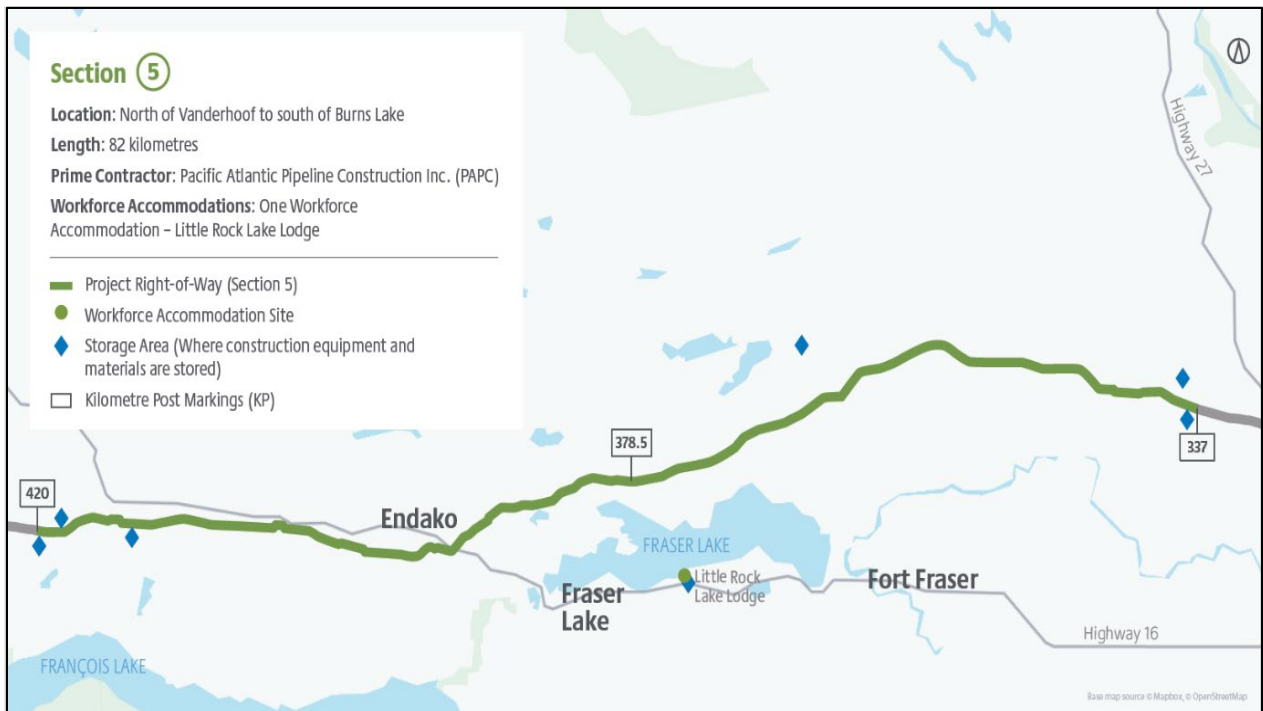


2.2.5. Section 5: Northwest of Vanderhoof to South of Burns Lake
Prime Contractor: PAPC

As of October 2021, 100% of the project corridor was cleared in Section 5. Approximately 89% was graded and 38% of pipe installation has been completed.

The Little Rock Lake Lodge reopened in June 2021 after closing in May 2021 for spring breakup. Fencing work was completed for pond and drainage works at the Little Rock Lake Lodge in June 2021.

Figure 2-6: Section 5 Map



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

As of October 2021, 100% of the project corridor was cleared in Section 6. Approximately 66% was graded and 27% of pipe installation has been completed.

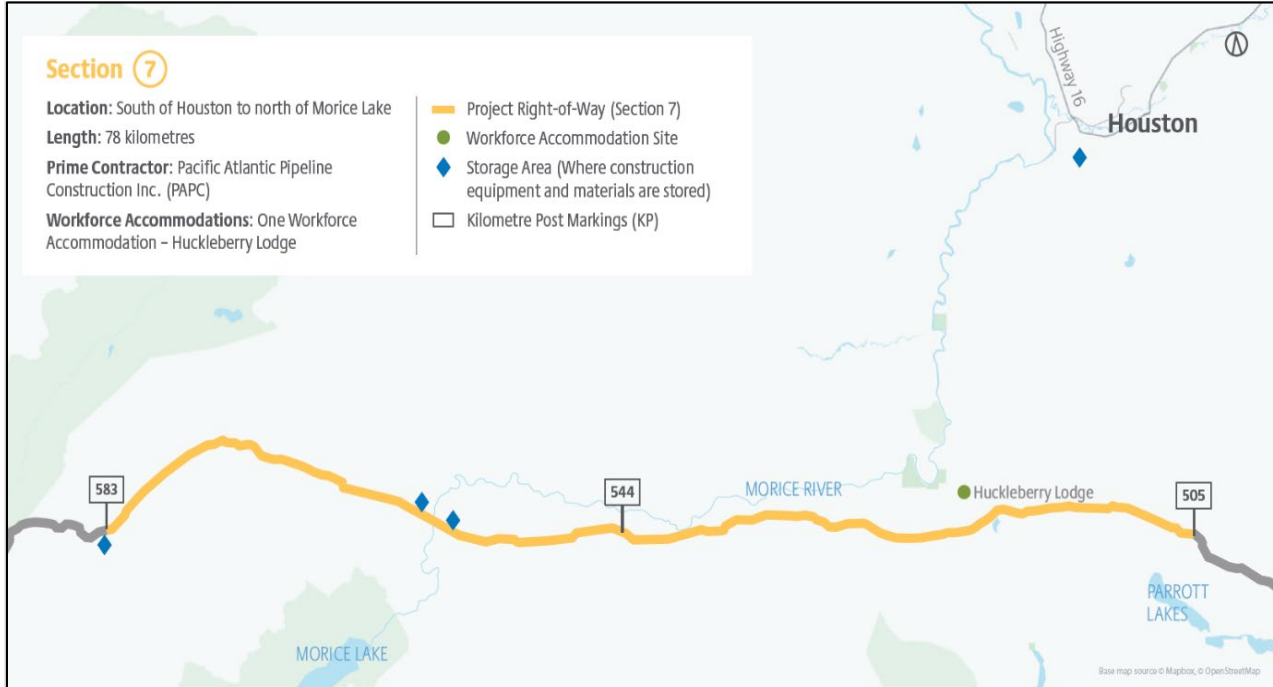
Figure 2-7: Section 6 Map



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

As of October 2021, approximately 92% of clearing and 4% of grading was completed in Section 7. Expansion of the Huckleberry Lodge continued.

Figure 2-8: Section 7 Map



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

As of October 2021, approximately 89% of the project corridor was cleared, 65% was graded and 16% of pipe installation was completed in Section 8. Installation of the Bernie Gorge Bridge in Section 8 East began in August 2021. Cables were installed at Section 8 West’s cable crane hill site in September 2021 and the cable crane completed its first load test in October 2021. In October 2021, the pioneer access road through Icy Pass in Section 8 West was completed.

In July 2021, the P2 Lodge in Section 8 East began workforce occupancy.

Figure 2-9: Section 8 Map



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

As of November 2021, construction of the Wilde Lake Compressor Station in Section 1 was approximately 67% complete. During the reporting period, large-bore piping installation substantially progressed, auxiliary building integration continued and compressor building installation was completed.

Construction of the Kitimat Meter Station in Section 8 was completed on July 14, 2021. The meter station will be placed in a preservation state until the overall project completes construction.

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 discussed Project-specific COVID-19 safety measures, mental wellness, employment and contracting, education and training, transportation infrastructure, waste management and local accommodations. Wildfire emergency response planning was also a key topic raised 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 133 meetings with Indigenous groups including:

- 1 Indigenous Leaders meeting
- 15 site visits/flyovers
- 3 community meetings
- 4 COVID-19 information sessions with Dr. Holmes
- 17 Liaison Committee meetings
- 43 consultation and engagement meetings
- 50 education, training and community investment meetings

Coastal GasLink presented to municipal council and regional district board meetings on seven occasions during the reporting period, bringing the total to 64 presentations since October 2018. Coastal GasLink held an additional 16 engagement meetings with local governments during the reporting period separate from SEEMP engagement meetings. 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.

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

3.2. SEEMP IMPLEMENTATION ENGAGEMENT

Information presented in this status report considers feedback from SEEMP engagement. During this reporting period, Coastal GasLink invited 57 SEEMP contacts to engage on SEEMP implementation. Meetings took place with 38 SEEMP contacts including 12 Indigenous groups, 13 local governments and 13 provincial agencies. As in the previous reporting period, a joint provincial agency SEEMP engagement meeting did not take place due to COVID-19 safety

measures. See Appendix A 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 local stakeholders receive Project information and updates including:

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

4.0 POTENTIAL ADVERSE EFFECTS

Potential adverse effects were assessed in the Project's Application. Baseline information was presented in the Application's Appendix 2M: Social Technical Report and Appendix 2N: Economic Technical Report. See Appendix B 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, Coastal GasLink continued to adapt its approach to meetings and events. The Project continued to use digital technology to ensure regular communication between local Indigenous and non-Indigenous communities with the Project's 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.
- During the reporting period, in follow-up to 2018/2019 Economic Summits as outlined in SEEMP Status Report No. 1, Coastal GasLink reached out to various individual businesses and adjacent chambers of commerce using a structured approach to qualify and quantify feedback.
- In March 2021, Coastal Gaslink held the initial Contracting and Employment Task Force (CETF) meeting with local Indigenous communities and the Project's pipeline construction Prime Contractors. Intended as a regularly scheduled, ongoing conversation, the CETF provides a forum for communication, relationship building and problem solving. The CETF meetings are led by a rotating chair from the participating Indigenous communities with planning and logistical support from Coastal GasLink. The CETF includes four work-package focused subcommittees of the broader Indigenous Leaders meetings that Coastal GasLink has been hosting with Leadership from the 20 project agreement First Nations since early 2019. As of October 31, 2021, 22 CETF meetings have been held. Five pipeline construction Prime

Contractors and 17 First Nations have participated in these work-package specific discussions.

- In June 2021, Coastal GasLink sponsored the Fort St. John & District Chamber of Commerce Creating Energy: Northern Resources Conference. The event provided an opportunity to connect with the Project’s Prime Contractors and subcontractors and build awareness of the energy industry in northern B.C.
- 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 October 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 October 2021

Business Type	Subcontract Award Value ¹	Percentage of Total Subcontract Award Value ²
Local (B.C.)	\$1.27 billion	85%
Indigenous ^{3,4}	\$1.05 billion	70%
Notes:		
¹ The majority of subcontracting opportunities (and subsequent contract awards) on pipeline projects occur during earlier phases of the construction schedule. Coastal GasLink anticipates this will be reflected in future SEEMP reporting as a smaller incremental increase to the total subcontract award values reported for Local (B.C.) and Indigenous businesses. This trend is forward-looking but may not develop should Phase 2 commence.		
² The percentage calculation changed from SEEMP Status Report No. 6 to be based on the total value of subcontracts (\$1.49 billion) available and awarded by Coastal GasLink and Prime Contractors to Indigenous and B.C. businesses. This amount does not include Wilde Lake Compressor Station or Kitimat Meter Station facilities Prime contracts. Also, it is not inclusive of the total Project committed value, which includes all capital expenditures, services and materials.		
³ The Indigenous category is a subset of the Local (B.C.) category; therefore, it is important to not double-count award values between these two categories.		
⁴ The Indigenous category includes contract awards made to local Indigenous businesses and to those business where local Indigenous businesses and local non-Indigenous businesses have partnered for Coastal GasLink activities. 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 benefits by the Indigenous partner.		

4.1.2. Mitigation Effectiveness in the Reporting Period

Local contracting opportunities were made available during the reporting period. Between May and October 2021, the Project and Prime Contractors awarded \$242.1 million in contracts to local businesses. The total contract value awarded to local (including Indigenous) businesses for the construction phase is approximately \$1.27 billion (see Table 4-1). Coastal GasLink anticipates that as the majority of procurement activities have already occurred in most construction sections, there will continue to be limited increases to the subcontract 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, 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 July 2021, Coastal GasLink contributed to the Regional District of Kitimat-Stikine Shop Local campaign held across the greater Terrace area to encourage local business activity.
- In September 2021, Coastal GasLink sponsored the eighth annual Resource Breakfast Series hosted by C3 Alliance Corporation, which provides an opportunity to learn about the latest developments and plans for the mining, energy and forestry sectors in B.C.
- In October 2021, Coastal GasLink sponsored the Top Workplace Culture & Safety Award at the annual Prince George Chamber of Commerce Business Excellence Awards. The event recognized hardworking businesses, entrepreneurs and non-profit organizations in the community.
- In October 2021, Coastal GasLink sponsored the LEAP Hybrid Conference for Women in Business, which provided a platform for women to reach opportunities through networking, skill development and targeted workshops. Coastal GasLink also sponsored 10 in-person and 15 virtual passes for Indigenous women to attend the conference.

4.2.2. Mitigation Effectiveness in the Reporting Period

During the reporting period, Indigenous and local communities across the project corridor reported a general labour shortage facing businesses across most economic sectors. 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

- Prime Contractors have requirements to submit monthly diversity and local employment reports to Coastal GasLink. See Appendix C for updated information on workforce employment figures.
- During the reporting period, Coastal GasLink and the Prime Contractors supported training initiatives resulting in employment on the Project for 23 program graduates. See Section 4.4.1 for additional information related to training initiatives conducted during the reporting period.
- In June 2021, Coastal GasLink and two of its Prime Contractors, Aecon and SMJV, participated in a virtual job fair with the Mackenzie Chamber of Commerce and WorkBC. This was an opportunity to connect with displaced forestry workers to share information about project roles, employment requirements and how to apply.
- In July and October 2021, Coastal GasLink provided the Ministry of Social Development and Poverty Reduction (MSDPR) with three-month forecasts of anticipated Prime Contractor employment opportunities in support of local workforce recruitment through regional WorkBC centres. The anticipated employment opportunities provide information on Prime Contractor key activities and hiring timeframes, positions and application submission contacts. Coastal GasLink is committed to continuing to provide anticipated employment opportunities on a quarterly basis to MSDPR.
- In October 2021, Coastal GasLink posted employment opportunities for an initial set of permanent positions for the Operations Phase of the Project. Notice of the upcoming postings was announced to representatives from Indigenous communities at the October 2021 Indigenous Leaders Meeting. The employment postings were made available to the public through the TC Energy Careers website, Coastal GasLink social media, distributed directly to Indigenous communities along the corridor and shared with MSDPR. The initial application deadline was extended several weeks to build awareness and increase the number of applications from local candidates.

4.3.2. Mitigation Effectiveness in the Reporting Period

Similar to Indigenous and local communities across the project corridor, Coastal GasLink is also experiencing a labour shortage. Coastal GasLink continues its partnerships with local post-secondary institutions and supports local training initiatives to help build the regional skilled labour force. Indigenous and local hiring remains a priority for Coastal GasLink and its Prime Contractors in collaboration with local Indigenous groups, non-profit employment agencies and WorkBC centres.

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, Indigenous Skills and Employment Training groups, training institutions, colleges, union training providers and other potential partners to provide education and training opportunities in accordance with community priorities 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 transferable skills development. Partnerships include University of Northern British Columbia (UNBC), Coast Mountain College (CMTN), College of New Caledonia (CNC) and Northern Lights College (NLC). Since 2014, Coastal GasLink has invested over \$1.31 million through post-secondary partnership agreements and approximately \$943,000 in skills training and pre-employment programs delivered by Indigenous and non-profit training organizations in northern B.C. During the same period, TC Energy has contributed approximately \$1.08 million to education and training initiatives in the project area.
- Student bursaries were made available to Indigenous and local individuals directly through UNBC, CMTN, CNC and NLC. Since 2014, Coastal GasLink has provided 590 bursaries and scholarships to post-secondary institutions in northern B.C., with 267 awarded to students identifying as Indigenous.
- The TC Energy Scholarship Program offers awards to students across three categories. In 2021, the program awarded 17 scholarships to B.C. residents worth \$77,500 in total. These awards included 11 Indigenous Legacy, three trades and three STEM scholarships.
- Coastal GasLink continues to contribute toward local colleges and trades training providers to advance technical training opportunities for apprenticeships through trades training programs, trades training equipment and trade bursaries and awards. See Section 4.4.2 for additional information related to apprenticeship participation with the Project.
- Coastal GasLink supported Traditional Ecological Knowledge, driving and pilot's training for Lheidli T'enneh First Nation community members.
- During summer 2021, Coastal GasLink provided sponsorship to the Outland Youth Employment training program, a six-week land-based education and training program to provide work experience opportunities. Twenty-one Indigenous youth participated in the program.

- During summer 2021, Coastal GasLink supported archaeology management training for eight Kitselas First Nation members in the Kitselas Canyon national historic site.
- During summer 2021, LHLP hosted a three-week construction readiness training program for participants from seven First Nation communities. Nine Indigenous trainees completed the program and transitioned to employment opportunities as surveyor helpers, mechanical helpers and welder's helpers.
- In June 2021, Coastal GasLink supported nine student awards through the New Relationship Trust, a charitable non-profit organization created to advance and support First Nations education goals in B.C. The deadline for the first intake of student applications was October 2021.
- In August 2021, Coastal GasLink supported oiler training in Fort Fraser through the Prince George Nechako Aboriginal Education and Training Association for two cohorts of ten students each. Of the 20 trainees, 19 completed the training and 12 obtained employment with the Project.
- In September 2021, Coastal GasLink supported swiftwater rescue certification through Irwin Safety for eight trainees from Witset First Nation, Wet'suwet'en First Nation, Stellat'en First Nation and Nee-Tahi-Buhn Band.
- In September 2021, Coastal GasLink supported occupational first aid certification in Terrace through the Kitimat Valley Institute for three trainees.
- In September 2021, Coastal GasLink and TC Energy sponsored training for Indigenous candidates to attend Kramer Direct Ltd.'s trenchless construction general labourer training. The six-week training program included employability skills, technical work certificates and hands-on training leading to employment opportunities for program graduates. Two local Indigenous candidates from B.C. completed the training and transitioned to employment with Coastal GasLink on the Salmon River HDD.

4.4.2. Apprenticeship Initiatives

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

Prime Contractors, associated unions and training providers support a variety of apprentices to develop their skills, including scaffolders, steamfitters, welders, pipefitters, heavy equipment operators and labourers. Training providers include:

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

Apprentices are supervised and receive on-the-job training by a certified journey person while completing tasks that are important to the Project's construction. During the reporting period, over 120 apprentices were employed across the Project:

- Aecon has four BC Industry Training Authority (BC ITA) registered apprentices working at Coastal GasLink's facility sites.
- LHLP has two registered welding apprentices working on site in Section 8 West.
- MSJV continues to work in partnership with Christian Labour Association of Canada to offer Construction Craft worker apprenticeship opportunities to interested local individuals.
- PAPC has 81 apprentices working on the Project, 23 of whom identified as Indigenous.
- SA Energy and its subcontractors have 35 BC ITA registered apprentices working on the Project in 2021. Five apprentices identified as Indigenous and two apprentices identified as women. Seven individuals have completed their apprenticeship with Coastal GasLink since 2019.
- SMJV continues to be registered with the BC ITA to offer apprenticeship opportunities. SMJV is also registered with the Northern Lights College for the Heavy-Duty Apprenticeship Program. Advertising for apprentice positions occur at the college and in local newspapers as they become available.

4.4.3. Mitigation Effectiveness in the Reporting Period

Based on feedback from SEEMP contacts during the reporting period, implemented mitigation has continued to support local education and training activities. Coastal GasLink continued to work with Indigenous and local on local education and training initiatives that support workers in acquiring positions on the Project as construction progresses. Coastal GasLink continues to implement apprenticeship opportunities and explore meaningful training investment and development that will leave a legacy in local and Indigenous 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 and vaccination roll-out.
- In June 2021, a small fire was observed by an amphibian salvage crew on the project corridor in Section 5. The area Fire Boss, BC Wildfire Service and the Ministry of Forests, Lands, Natural Resource Operations and Rural Development were notified. The project crew safely contained the fire by using buckets and hand tools. Infrared scanning was used to determine that no hot spots remained. The cause of the fire was determined to have been a lightning strike.
- During August 2021, Coastal GasLink was notified that a fisherman was missing in the area of Parsnip Lodge. SA Energy worked together with local RCMP which included the use of a helicopter to conduct an aerial search.
- In September 2021, Coastal GasLink contributed to the Village of Fraser Lake to support the Fraser Lake Emergency Services Expansion Project. This project included the purchase of a new fire engine for the community.
- In November 2021, Coastal GasLink contributed to the Regional District of Fraser-Fort George to support equipment purchases for the Bear Lake and Salmon Valley volunteer fire departments.
- In November 2021, Coastal GasLink contributed to both the North and South Peace Search & Rescue organizations to support telecommunications, radio and GPS equipment upgrades. Each organization provides search and rescue services to the Peace River Regional District.

4.5.2 Wildfire Emergency Response Planning

During summer 2021, B.C.'s interior experienced numerous high-risk wildfires that posed a risk to public safety. Coastal GasLink aims to be self-sufficient in its wildfire emergency response through planning, prevention and provision of support to minimize impacts on local community infrastructure and services and to enhance community wildfire emergency response capability, where possible.

Planning

- Developed and implemented a Forest Fire Prevention and Management Program and Plan as a guideline for Prime Contractors.
- Developed a supplementary vaccination plan in the event of an evacuation.
- Fully integrated Coastal GasLink plans into regional emergency management systems and processes such as the BC Wildlife Service Emergency Operations Centre in conjunction with the Regional District of Bulkley-Nechako (RDBN).

Prevention

- Engaged a third-party wildfire specialist to conduct pre-season audits of Fire Management Plans and monthly operational audits to confirm implementation measures.
- Provided workers with orientation sessions that communicated guidelines and best practices.
- Deployed mobile weather stations to ensure accurate monitoring of Fire Danger Ratings.
- Scheduled summer work hours to avoid midday heat, when required.
- Appointed qualified Fire Bosses, provided wildfire training, supplied resources including fire suppression equipment and implemented site preparation measures to prevent ignition.

Provision

- Communicated activities, equipment on hand, and personnel available to local forestry services in the event a local community may require support. The equipment available to help firefighting outside the project corridor typically includes dozers, excavators, water trucks, hoses, pumps, gas generators and fire suppression trailers equipped with water tanks, pumps and hoses.
- Housed approximately 100 BC Wildfire Service firefighters in Little Rock Lake Lodge and 7 Mile Road Lodge during July 2021 as they completed fire suppression operations for the Bulkley Lake Fire and other wildfires in the RDBN area.
- Worked with Indigenous and local communities to support evacuations and emergency efforts. This included active participation in RDBN Emergency Operations Centre calls to ensure alignment and safety. RDBN made requests for Coastal GasLink workers to vacate hotel/motel rooms in Burns Lake and in Vanderhoof for evacuees. Coastal GasLink actioned the requests immediately.

4.5.3. Mitigation Effectiveness in the Reporting Period

During the reporting period, Coastal GasLink received feedback from Indigenous and local communities related to wildfire emergency planning and emergency services capacity. Mitigation measures were deemed effective and no direct impacts on local emergency services were reported.

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

On July 7, 2021, the B.C. Public Health Officer advised employers operating in the province to develop and implement a communicable disease plan. As the fourth wave of COVID-19 developed in B.C., Coastal GasLink worked with Northern Health to ensure continued implementation of appropriate guidelines. Coastal GasLink continued to enhance its COVID-19 Management Plan to align with adjustments made to provincial health guidelines. The following protocols, which were previously in place and relaxed during summer 2021, were re-instated on site during the reporting period:

- Face coverings are required in all indoor settings, including offices, lodges and transportation.
- Rapid Antigen Diagnostic (RAD) testing is required for all newly arriving or transferring workers. Personnel who have been away from site for more than three days are also tested and locally residing personnel living outside workforce accommodations are tested each week.
- Pre-arrival questionnaire is required for all newly arriving workers to check for symptoms and confirm travel history.
- Workers must respect and abide by all local restrictions.
- Daily health-checks, self-monitoring for symptoms and frequent handwashing are required.
- Benefits of vaccination and administering vaccines continues to be emphasized on site.

As of November 29, 2021, Coastal GasLink had recorded 313 cases of COVID-19 among on-site Project employees since March 2020. Of those recorded cases, 220 occurred between June and November 2021. As the fourth wave of the pandemic continued in B.C., six members of the Project workforce required hospitalization due to COVID-19. Coastal GasLink continues regular testing of new arrivals and weekly screening of local workers. Over 48,000 Polymerase Chain Reaction (PCR)/RAD tests have been completed across the Project.

Coastal GasLink continues to collaborate with Northern Health to ensure vaccine availability and adapt the Project's communication strategy to improve workforce access to vaccines. As part of

the Project's ongoing vaccination campaign during September and October 2021, the Project implemented a mobile vaccination unit, visible Project leadership and targeted content to encourage, educate and support the workforce with accurate information about vaccines. As of November 2021, approximately 3,170 first and second vaccine doses were voluntarily provided to the workforce.

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, 31 Safety Alerts were issued relating to COVID-19 protective measures, extreme weather warnings, 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 July 2021, Coastal GasLink sponsored the Prince George Cougars' Charity Golf Tournament to support the Spirit of the North Healthcare Foundation. The foundation focuses on improving healthcare within the service area of the University Hospital of Northern BC in Prince George.
- In September 2021, Coastal GasLink sponsored the Climb for Cancer community event in Prince George to support the Kordyban Cancer Lodge.
- In October and November 2021, the CoastalFITLink Challenge Series took place to encourage community wellness and foster a positive environment during the ongoing COVID-19 pandemic. Coastal GasLink and Prime Contractor participants in the challenge logged over 700 hours of fitness activities.
- In November 2021, flu vaccinations were made available to the workforce across the Project.

4.6.3. Project Injuries

During the reporting period, Coastal GasLink reached a peak workforce of over 5,000 personnel. In the same period, 46 injuries occurred requiring local health care services as shown in Table 4-2. As shown in the table, most transfers to hospitals and clinics were performed by Coastal GasLink rather than by BC Ambulance.

Table 4-2: Incidents Requiring Local Health Care

Date	Incident Description	Ambulance Transfer Required	Treatment Location	Treatment Duration
June 2021	Worker pinched finger while sorting drill equipment. Assessed by on-site medic and recommended for further assessment.	No	Chetwynd Hospital	X-ray ~1 hour
June 2021	Worker suffered an abrasion to arm from inadvertently activating sandblaster nozzle while reconfiguring equipment. Medic provided first aid and worker was transported to hospital as a precaution.	No	Lake District Hospital (Burns Lake)	Diagnostics ~1 hour
June 2021	Worker suffered a laceration on arm while disposing of pipe transition metal shavings. First aid applied on site and worker transferred to hospital for stitches.	No	Chetwynd Hospital	Assessment and stitches ~1.5 hours
June 2021	Worker operating nailer was struck by a ricocheted nail that lacerated their hand. First aid administered on site and worker recommended to receive tetanus shot at hospital.	No	Houston Health Center	Tetanus shot ~1 hour
June 2021	Worker lost grip on tool, causing a small facial abrasion. Assessed on site and advised to seek medical attention at hospital.	No	University of Northern B.C. Hospital (Prince George)	Diagnostics ~1.5 hours
June 2021	Worker experienced symptoms of heat exhaustion near the end of the day and went to cool down in crew bus. Recommended for further assessment.	No	Chetwynd Hospital	Assessment ~1 hour
July 2021	Worker tripped over skid protruding from pile causing acute ankle pain. Sent to hospital for radiography, no injury noted.	No	Burns Lake Medical Clinic	Assessment and radiography ~1.5 hours
July 2021	After experiencing pain while opening equipment door, worker suffered adverse reaction to the medication administered.	No	Bulkley Valley District Hospital (Smithers)	Allergic response treatment ~1 hour
July 2021	Drill helper was struck by drill steel and suffered a laceration to forearm. Treatment conducted by on-site medic and transported for further care.	No	Bulkley Valley District Hospital (Smithers)	Surgery ~2.5 hours
July 2021	Worker's finger was pinched between a load and the floor of a sea container. Medic provided assessment and worker subsequently sent for further diagnosis.	No	Burns Lake Medical Clinic	X-ray and stitches ~1.5 hours
July 2021	Worker fell entering a drilling/piling rig resulting in a fractured wrist.	No	Kitimat General Hospital and Health Centre	Assessment ~1 hour

Date	Incident Description	Ambulance Transfer Required	Treatment Location	Treatment Duration
July 2021	Co-worker noticed a worker raking sand had entered a crouched position due to pain. Medic called for ambulance transport. No known injury or mechanism of injury was determined.	Yes	Dawson Creek Hospital	Assessment ~1 hour
July 2021	Worker sprained knee descending stairs into a bell hole. Assessed by medic and proceeded to the hospital for follow up.	No	University of Northern B.C. Hospital (Prince George)	X-ray ~1 hour
July 2021	Mechanic grinding with safety glasses caught small particle in their eye requiring flushing.	No	Houston Health Care Facility	Eye flush and observation ~3 hours
July 2021	Worker rolled ankle while installing fencing around trenching. Medic recommended further precautionary assessment that determined no serious injury.	No	Dawson Creek Hospital	X-ray and assessment ~1.5 hours
August 2021	Worker slipped on rock and hyperextended leg muscles. Injury splinted and assessed at hospital. Surgery scheduled out of province with worker's physician.	No	Bulkley Valley District Hospital (Smithers)	Assessment ~1 hour
August 2021	Worker slipped traversing a watercourse and received a splinter from nearby log. On-site medic disinfected wound and recommended further assessment.	No	St. John Hospital (Vanderhoof)	Stitches and antibiotics ~1.5 hours
August 2021	Worker flagging bush fell and twisted their arm.	No	University of Northern B.C. Hospital (Prince George)	Assessment ~3 hours
August 2021	Worker pinched finger between earth and steel beam during bridge removal preparation.	No	St. John Hospital (Vanderhoof)	Stitches ~1.5 hours
August 2021	Worker lost grip on shovel while digging and pinched finger against excavator track.	No	St. John Hospital (Vanderhoof)	Stitches ~1.5 hours
August 2021	Welder became pinched between pipe and floor in hydraulic shack; sustained an abrasion and bruise to the left temple and trauma to the chest and rib area.	No	University of Northern B.C. Hospital (Prince George)	X-ray and prescription medication ~1.5 hours
September 2021	Contractor pinched finger while setting camp trailer units in place. Worker taken to local clinic for follow-up assessment.	No	Bulkley Valley District Hospital (Smithers)	Assessment and stitches ~1.5 hours
September 2021	Worker in bore ditch slipped and fell, injuring shoulder.	No	Kitimat General Hospital and Health Centre	X-ray ~1 hour

Date	Incident Description	Ambulance Transfer Required	Treatment Location	Treatment Duration
September 2021	Worker's hand was pinched in a crew van door.	No	Burns Lake Medical Clinic	X-ray and first aid ~1.5 hours
September 2021	Equipment operator strained right side of body while opening backhoe door due to strong winds.	Yes	Kitimat General Hospital and Health Centre	Analgesic shot ~1 hour
October 2021	Worker rolled ankle on snow-covered geo-tech placed on uneven ground.	No	Kitimat General Hospital and Health Centre	X-ray ~1 hour
October 2021	Worker's hand slipped and contacted a table while wrapping a pressure hose.	No	Chetwynd Hospital	X-ray ~1 hour
October 2021	Worker rolled ankle after stepping out of an excavator and onto a rock concealed within a puddle.	No	Chetwynd Hospital	X-ray and assessment ~1 hour
October 2021	Worker's finger was pinched while resealing a bear trap following routine pump maintenance. Required amputation of fingertip.	No	Chetwynd Hospital	Fingertip amputation ~3 hours
October 2021	Workforce shuttle was struck from behind by a third-party vehicle. Driver and passenger taken to hospital for observation.	No	Bulkley Valley District Hospital (Smithers)	Assessment ~2 hours
October 2021	T-post struck worker after being pulled up by an attached rope that was caught in a moving excavator's tracks.	No	Burns Lake Medical Clinic	Stitches and diagnostics imaging ~2 hours
October 2021	Worker slipped and felt discomfort in back and neck. Assessed on site and taken to hospital for observation.	No	Burns Lake Medical Clinic	Assessment ~1 hour
October 2021	Worker injured ankle when boot became trapped in mud. Assessed on site and taken to hospital for diagnostic imaging.	No	University of Northern B.C. Hospital (Prince George)	Diagnostic imaging and treatment ~2.5 hours
November 2021	Worker fell. First aid provided on site and taken to medical clinic for diagnostic imaging.	No	Burns Lake Medical Clinic	Diagnostic imaging ~1 hour
November 2021	Rock truck traveling downhill lost control in icy conditions and went into ditch. Worker arriving in a light truck to assist also lost control and struck the rock truck. Rock truck driver taken to hospital for further assessment.	No	Kitimat General Hospital and Health Centre	X-ray and assessment ~1.5 hours

Date	Incident Description	Ambulance Transfer Required	Treatment Location	Treatment Duration
November 2021	Worker stepped in moss-covered hole and twisted right ankle.	No	Kitimat General Hospital and Health Centre	X-ray and assessment ~1 hour
November 2021	Worker slipped exiting an excavator and fractured right ankle.	No	University of Northern B.C. Hospital (Prince George)	X-ray and assessment ~1 hour
November 2021	Worker exiting an excavator stepped onto a frozen mass and rolled left ankle. Additional assessment recommended to check for fracture.	No	Dawson Creek Hospital	X-ray and assessment ~1 hour
November 2021	While warming up bending machine hydraulics, machine part lowered onto worker's foot and fractured left large toe.	Yes	University of Northern B.C. Hospital (Prince George)	X-ray and assessment ~3 hours
November 2021	Worker loading crew truck lost footing, fell and fractured left ankle.	No	University of Northern B.C. Hospital (Prince George)	X-ray, medication and air boot ~1 hour
November 2021	While walking around an outrigger jack, worker stepped into a frozen rut and rolled ankle. Recommended for X-ray assessment.	No	Chetwynd Hospital	X-ray and tensor bandage ~1 hour
November 2021	Worker experienced abdominal discomfort while strapping down a load of pipe. Recommended for additional assessment.	No	Chetwynd Hospital	Assessment ~1 hour
November 2021	Processor machine slid on snow and rolled while descending a slope. Operator safely exited from top hatch and was recommended for further assessment.	No	Mills Memorial Hospital (Terrace)	Assessment and CT scan ~1 hour
November 2021	Mechanic had right foot caught between wing and grader frame.	No	Bulkley Valley District Hospital (Smithers)	X-ray and observation ~4 hours
November 2021	Side boom operator fractured left ankle after falling on uneven ground.	No	University of Northern B.C. Hospital (Prince George)	X-ray and medication ~1 hour
November 2021	Worker repairing a skidder guard lost grip and pinched fingers in the guard resulting in a small laceration to middle finger.	No	University of Northern B.C. Hospital (Prince George)	Stitches and diagnostic imaging ~1.5 hours

4.6.4. Mitigation Effectiveness in the Reporting Period

Since the beginning of construction in December 2018 through November 2021, the Project's workforce has accrued over 22.8 million workhours with workers spending approximately 166 hours in local healthcare facilities across the pipeline corridor related to 122 workplace incidents. During this reporting period, workers spent approximately 67 hours in local healthcare facilities related to 46 workplace incidents.

COVID-19 safety measures and mental wellness continued as the main concerns raised regarding health services. Northern B.C. local health services capacity was strained due to the fourth wave of the COVID-19 pandemic. During the reporting period, Coastal GasLink continued discussions with Indigenous and local communities on COVID-19 impacts and safety protocols. Nadleh Whut'en First Nation provided feedback related to workforce COVID-19 protocols at Little Rock Lake Lodge and the impact on their community. In collaboration with Northern Health, Coastal GasLink continued to implement safety measures, including the Project's vaccination campaign, to raise awareness. Vaccines were readily made available to the workforce. Coastal GasLink's COVID-19 safety protocols are continuously updated and can be found at [CoastalGasLink.com](https://www.coastalgaslink.com).

For mental wellness, Coastal GasLink collaborated with the Project's health services provider, International SOS, to raise awareness of counselling support and services available to all Project employees. The Community Workforce Accommodation Advisor (CWAA) program facilitated multiple healing activities within the Project's workforce accommodations including smudging and events recognizing the National Day of Truth and Reconciliation. In addition, Coastal GasLink's Extraordinary Legacy Initiative supports workers to care for each other and promote health and safety.

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 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 D for details.
- Coastal GasLink's lodges and worksites implemented a bottle recycling donation program to reduce waste. Proceeds from the program were donated to 29 non-profit/charitable organizations across the project corridor. See Section 4.8.1 for additional information related to the bottle donation program.

- During the reporting period, the CWAA program facilitated Pride Day celebrations to raise LGBTQIA2S+ awareness at 7 Mile Road Lodge. Participants signed a Pride canvas to show support.
- In July 2021, Coastal GasLink contributed to the Houston Community Services Association toward construction of a storage unit for donations of clothing, furniture and household items.
- In July 2021, Coastal GasLink contributed to the YANA Fund Society for a shuttle van upgrade at the Royal Canadian Legion Pleasant Valley Branch. The shuttle service offers transportation for residents to attend out-of-town medical appointments and provide designated driving for customers in need.
- In September 2021, Coastal GasLink partnered with United Way of Northern British Columbia to launch the Legacy of Giving Campaign. Between September and October 2021, over \$97,000 was raised by Coastal GasLink and the Project's Prime Contractors toward funding support programs and services that address socio-economic challenges to Indigenous and local communities across northern B.C. This includes food security, poverty, social assistance, homelessness, mental health and addictions. The campaign's donations are targeted to organizations based in Dawson Creek, Fort St. John, Taylor, Chetwynd, Tumbler Ridge, Mackenzie, Prince George, Vanderhoof, Fort St. James, Fraser Lake, Burns Lake, Houston, Telkwa, Smithers, Terrace, Kitimat and Coastal GasLink's Indigenous partner communities across the Project.
- In September 2021, Coastal GasLink and Aecon contributed to the Nawican Friendship Centre in Dawson Creek. The Centre promotes friendship and understanding between citizens of the southern Peace River Regional District and provides counselling, recreation and educational programs.
- In September 2021, Coastal GasLink and Aecon contributed to Network Ministries in Dawson Creek. Network Ministries provides food bank, social work, mental health, addictions support and advocacy services to the community.
- In November 2021, TC Energy donated \$100,000 equally distributed to United Way of Northern British Columbia's United for BC Flood Response Fund and Food Banks BC toward response and recovery efforts. The donations will help affected communities by addressing essential needs like housing, food assistance, trauma and mental health support.

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.
- 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. During the reporting period, bottle donations from workforce accommodations to local organizations across the pipeline corridor reached approximately \$85,000.
- Businesses adjacent to the District of Houston's wastewater lagoon facility reported concerns with the smell from external haulers. Coastal GasLink had supported upgrades to the facility and was regularly using it for sewage waste from Huckleberry, 9A and P2 Lodges. As a result of the concerns, Coastal GasLink adjusted effluent hauling from Huckleberry Lodge to between 5 pm and 8 am to minimize impact to local businesses. For 9A and P2 Lodges, an additive will be made to the effluent hauling to mitigate loads turning septic during the transfer.
- In October 2021, Coastal GasLink sponsored the inaugural Northern BC Solid Waste Management Forum. The virtual forum provided a networking venue to facilitate the exchange of information and ideas surrounding challenges and opportunities for improvements to solid waste management in north-central B.C.
- See Appendix E for information related to the Project's construction waste volumes by location and type.

4.8.2. Mitigation Effectiveness in the Reporting Period

During the reporting period, concerns arose related to waste segregation. Coastal GasLink continues to work with Prime Contractors to ensure waste is sorted by type including recyclables. The Project also continues to proactively work 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 CWAA program facilitated multiple events and activities within the Project's workforce accommodations, including:
 - Organized events in recognition of National Indigenous People's Day and the National Day for Truth and Reconciliation.
 - Supported the roll-out of the CoastalFITLink health and fitness challenge.
 - Organized lodge-specific events such as games, walking clubs, traditional medicine making, beadwork and movie nights.
 - Management of the in-person and virtual Indigenous artisan market based in Sukunka Lodge.
- In June 2021, Coastal GasLink contributed to the redevelopment of the St. John's Heritage Community Centre in the Village of Burns Lake to provide a space for workshops and events.
- In June 2021, Coastal GasLink contributed to the Chetwynd & District Recreation Centre to enhance the outdoor space with a spray park.
- In June 2021, Coastal GasLink sponsored the National Indigenous Peoples Day celebrations hosted by each Nadleh Whut'en First Nation, Saik'uz First Nation, Stelat'en First Nation, the Village of Fraser Lake and Witset First Nation.
- In August 2021, Coastal GasLink sponsored the Skin Tye First Nation Culture Camp at the Skins Lake Spillway Campground.
- In August 2021, Coastal GasLink sponsored and attended the Halfway River Rodeo hosted by the Halfway River First Nation.
- In August 2021, Coastal GasLink sponsored the first annual Nak'azdli Development Corporation golf tournament at the Stuart Lake golf course.
- In September 2021, Coastal GasLink contributed to the District of Vanderhoof toward the purchase of an electric Zamboni for the Vanderhoof Arena.

- In September 2021, members of Coastal GasLink’s CWA program, Aecon and SMJV hosted a breakfast at Moberly Lake Elementary to celebrate Orange Shirt Day and the National Day for Truth and Reconciliation.
- In November 2021, Coastal GasLink supported improvements (e.g., fireplace and seating area) at the Little Mac Ski Hill in the District of Mackenzie to support community health and wellness.

4.9.2. Mitigation Effectiveness in the Reporting Period

The ongoing COVID-19 pandemic continues to limit workforce participation in local recreational activities. The Project workforce continues to follow provincial and federal guidelines for safe use of local facilities when possible. 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 June 2021, Coastal GasLink contributed to the Fort St. John Public Library Association to support their Summer Reading Program, which helps children improve or maintain their reading levels over the summer while away from the classroom. The program focused on literacy and STEM-based programming in an inclusive environment.
- In July 2021, Coastal GasLink sponsored the Wet'suwet'en First Nation Awards Day that recognized pre-school, elementary, secondary and post-secondary student’s achievements.
- In August 2021, Coastal GasLink contributed to the CWB Welding Foundation to support the Arx and Sparx Welding Program at the Coast Mountain College in Smithers. The five-day camp hosted 12 students aged 12 to 15 years old to gain an introduction to welding through small shop projects.
- In September 2021, Coastal GasLink sponsored a back-to-school barbeque hosted by the McLeod Lake Indian Band and provided backpacks and school supplies to each student.

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.
- In September 2021, Coastal GasLink sponsored the Union of BC Municipalities Convention. This is an annual forum for dialogue, learning and policymaking for local governments across the province.
- In October 2021, Coastal GasLink contributed to the District of Tumbler Ridge to upgrade technology used to livestream meetings from the Council Chambers.

4.11.2. Mitigation Effectiveness in the Reporting Period

During the reporting period, feedback related to government services included observed capacity challenges on municipal services related to land use and development planning and permitting. This was attributed to a general increase in local industrial projects. Coastal GasLink will continue to monitor impacts as a result of Project construction on local government services.

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 12 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 F for the Project's monthly planned and observed peak workforce accommodation occupancies.
- Two new workforce accommodations opened for occupancy during the reporting period, the Mount Merrick Lodge in Section 3 and the P2 Lodge in Section 8.
- During summer 2021, Coastal GasLink temporarily utilized local commercial accommodation capacity for a portion of the workforce in the Houston area while P2 Lodge was constructed. Through collaboration with the District of Houston, local benefits were considered alongside mitigation and ongoing monitoring to minimize potential adverse effects in the area.

- In September 2021, the Vanderhoof Lodge began demobilization and was vacated as of October 1, 2021. Removal of structures and matting started and erosion and sediment control measures were implemented to stabilize soils prior to the site’s remediation. Remediation activities will commence at the site in spring/summer 2022.

Table 4-3: Active Workforce Accommodation Locations

Active Workforce Accommodation	Nearest Community
7 Mile Road Lodge	Burns Lake
Sukunka Lodge	Chetwynd
Mount Merrick Lodge	Chetwynd
Sanataa Lodge	Dawson Creek
Little Rock Lake Lodge	Fraser Lake
9A Lodge	Houston
Huckleberry Lodge	Houston
P2 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

Coastal GasLink continues to engage with communities to understand observed impacts to local housing availability in cases of workforce movement throughout the region. Housing capacity continues as a concern in some municipalities, particularly in the residential rental property market. 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

- Coastal GasLink maintains roads during construction for safety, ensuring they are passable. Common maintenance measures that were used during the reporting period to reduce impacts to road users included:
 - bonds issued on roads used by the Project
 - continued fee payment for road usage through Road Use Agreements
 - contracted road maintenance by experienced subcontractors
 - used materials such as gravel and matting to minimize impacts
 - providing grader maintenance
 - reducing vehicle speeds on impacted roads
- Two traffic notifications were issued during the reporting period, including a road deactivation notice for select Coastal GasLink temporary access roads in Sections 1 and 2. Project-related road closure notifications were shared through the Project's website, 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 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 engaged with affected road users to address road quality concerns raised on access roads in Sections 1, 4, 6, 7 and 8.
- Coastal GasLink supported the Maxan Road bridge upgrade in Section 6 that put in place an approximately 25- to 30-year tenure structure through a Road Use Agreement. This project substantially upgraded the road and provided:
 - local employment for Burns Lake Community Forest contractors
 - Burns Lake Community Forest infrastructure, community protection and access management to meet Road Safety and Landscape Fire Management Objectives
 - First Nation Capacity Building and Training through Allnorth and Yinka Dene Economic Development Limited Partnership (a Wet'suwet'en Nation Business)
 - legacy for fire protection and community utilization
- During the reporting period, Coastal GasLink continued to deploy in-vehicle monitoring systems in approximately 340 vehicles to enhance safe driving practices. In-vehicle monitoring provides real-time alerts, follow-up coaching and vehicle information verification.

4.13.2. Activities: Rail Traffic

- During the reporting period, Project-related rail traffic activities remained limited and expected to have a low or nil impact to regional service capacity.

4.13.3. Activities: Air Traffic

- During the reporting period, the Project workforce utilized regional air transportation services with no observed impacts reported from local communities.

4.13.4. Mitigation Effectiveness in the Reporting Period

During 2021, wet weather and a condensed construction period impacted several access roads in Sections 1, 4, 6, 7 and 8 of the Project. Coastal GasLink worked with affected road users to address road quality concerns and implemented mitigation on impacted access roads. Coastal GasLink and its Prime Contractors will continue to regularly evaluate and monitor potential impacts of vehicle use and implement mitigation as required.

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

- Three notifications of work on a non-schedule waterway were issued during the reporting period. Coastal GasLink's active notification list can be found at [CoastalGasLink.com](https://www.coastalgaslink.com). To comply with the new Minor Works Order, five notifications of a minor work were also issued during the reporting period. 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

In collaboration with Northern Health, Coastal GasLink continues to adjust COVID-19 safety policies and protocols in accordance with provincial health guidelines. During the reporting period, Coastal GasLink updated the Project's vaccination campaign to provide the workforce with support, education and increased access to vaccinations. As the COVID-19 pandemic continues, Coastal GasLink is working with Northern Health to ensure the ongoing safety of the workforce and Indigenous and local communities.

Coastal GasLink continues to engage with the District of Vanderhoof and Northern Health to understand potential impacts to local healthcare service capacity. The closure of the Vanderhoof Lodge in Section 4 at the end of October will further mitigate potential impacts to local services as the workforce shifts away from the Vanderhoof area to complete work on other sections of the Project. Corrective action was not required during the reporting period and Coastal GasLink continues to monitor potential impacts to Vanderhoof's health care service capacity.

Coastal GasLink continues to engage with the Ministry of Transportation and Infrastructure to address road quality concerns as they arise. In addition, Coastal GasLink continues to work with road users and road permit-holders to address any road quality concerns and support additional mitigation on access roads in Sections 1, 4, 6, 7 and 8 of the Project.

Other discussions have taken place across the project corridor regarding waste management and housing. 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

During the reporting period, Coastal GasLink's workforce peaked with over 5,000 workers. Adaptive management approaches for transportation infrastructure and health services were considered as construction progressed and the complexities of COVID-19 were addressed. There have been no detectable adverse effects that would change the predictions of the social and economic assessment. Significant adaptive management strategies have not been required to correct for unanticipated adverse effects on the socio-economic components identified in the Project's SEEMP.

SEEMP status reports are developed on a semi-annual basis as required by Condition #24 of the EAC. The next report will be submitted in June 2022.

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

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

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Appendix A

**Socio-Economic Topics Raised During SEEMP
Engagement**

Socio-economic Topics Raised During SEEMP Engagement

The following chart includes a summary of socio-economic topics that were raised by SEEMP contacts during the reporting period.

Topic	Relevant Pipeline Section
<i>Contracting and Employment</i>	
Economic benefits	1, 5, 7, 8
Workforce use of local businesses	1, 2, 4, 5
Contracting and employment	1, 4, 5, 7, 8
<i>Education and Training</i>	
Apprenticeships	1, 8
Skills training	7, 8
<i>Emergency, Health and Social Services</i>	
COVID-19 protective measures	All sections
Emergency response planning	7
Health care services	1, 3, 4
Mental wellness	1, 2, 4, 8
Social services	8
Wildfire emergency response planning	1, 2, 4, 5, 6, 7, 8
<i>Waste Management</i>	
Waste management capacity	1, 2, 3, 5, 7
<i>Accommodations</i>	
Workforce housing	1, 3, 4, 5, 7, 8
Workforce accommodation demobilization	4, 5
<i>Transportation</i>	
Driver safety	7
Project-related traffic volume	3, 4, 5, 7
Road quality	1, 2, 3, 4, 6, 7, 8

Appendix B
SEEMP Mitigation Status Table

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

POTENTIAL ADVERSE EFFECTS	REGULATORY REFERENCE	MITIGATION ¹	STATUS
<i>Key Indicator: Training Opportunities</i>			
<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"> Confirm Project workforce needs well in advance of Project construction with economic development organizations, employment centres and educational institutions. 	Complete
	<i>EA Table 12-9, 12-11 and 12-13</i>	<ul style="list-style-type: none"> Provide opportunities for qualified workers currently apprenticing to obtain trades certification during Project construction. 	In Progress
	<i>EA Table 12-9, 12-11 and 12-13</i>	<ul style="list-style-type: none"> Develop and implement a training program focused on developing Project specific skills. Short term workforce readiness training directly related to the proposed Project will focus on: <ul style="list-style-type: none"> assessing and identifying gaps determining proper skills development developing processes to help local residents obtain construction related employment 	In Progress
VALUED COMPONENT: COMMUNITY UTILITIES AND SERVICES			
<i>Key Indicator: Emergency Services</i>			
<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"> Adhere to all WorkSafe BC safety standards on work sites during construction and operations. Contact with service provider will be established before construction and documented through the contractor's Emergency Measures Plan. 	In Progress
	<i>EA Table 15-18, 15-20, 15-22 and 15-24</i>	<ul style="list-style-type: none"> Adhere to Coastal GasLink Emergency Response Plan (ERP) for proposed Project related emergencies. 	In Progress
	<i>EA Table 15-18, 15-20, 15-22 and 15-24</i>	<ul style="list-style-type: none"> Communicate with local emergency service providers, fire departments and RCMP detachments throughout the proposed Project construction and operations phases to provide proposed Project construction schedules and maps and to identify issues such as staffing requirements, access needs and emergency evacuation routes. 	In Progress
	<i>EA Table 15-18, 15-20, 15-22 and 15-24</i>	<ul style="list-style-type: none"> Provide key proposed Project personnel contact information, construction schedules, and proposed Project maps with access routes to RCMP detachments, fire departments and ambulance service providers. 	Complete
	<i>EA Table 15-18, 15-20, 15-22 and 15-24</i>	<ul style="list-style-type: none"> During worker and Contractor orientation sessions, reinforce the importance of respectful conduct when in communities. 	In Progress
	<i>EA Table 15-18, 15-20, 15-22 and 15-24</i>	<ul style="list-style-type: none"> 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). 	In Progress
	<i>EA Table 15-18, 15-20, 15-22 and 15-24</i>	<ul style="list-style-type: none"> Ensure Prime Contractors submit and adhere to safety plans that address emergency procedures. 	In Progress

POTENTIAL ADVERSE EFFECTS	REGULATORY REFERENCE	MITIGATION ¹	STATUS
	<i>EA Table 15-18, 15-20, 15-22 and 15-24</i>	<ul style="list-style-type: none"> Ensure that the proposed Project will be staffed with sufficient numbers of emergency medical personnel with appropriate certifications, supplies and conveyance requirements based on numbers of workers, hazard risk at the work sites and proximity to medical facilities. 	In Progress
	<i>EA Table 15-18, 15-20, 15-22 and 15-24</i>	<ul style="list-style-type: none"> Supervisory personnel will be on site at all times during drilling, reaming and pullback operations to ensure that emergency response measures will be implemented immediately and effectively. Coastal GasLink will also assign inspection personnel to the site during all phases of watercourse drilling. 	In Progress
	<i>EA Table 15-18, 15-20, 15-22 and 15-24</i>	<ul style="list-style-type: none"> Implement mitigation outlined in Section 21 of the Application, Accidents or Malfunctions. 	In Progress
	<i>EA Table 15-18, 15-20, 15-22 and 15-24</i>	<ul style="list-style-type: none"> Adhere to the Chemical and Waste Management Plan, Spill Contingency Plan, Fire Suppression Contingency Plan, Adverse Weather Contingency Plan and Traffic Control Management Plan in the EMP (Appendix 2 A of the Application). 	In Progress
	<i>EA Table 15-18, 15-20, 15-22 and 15-24</i>	<ul style="list-style-type: none"> Communicate with local emergency services, including police, fire and ambulance services, three months before construction, regarding known reasonably foreseeable future development and activities (Appendix 3-A, EA), to understand and address potential overlaps and potential issues with increased demand on existing local emergency services, including police, fire and ambulance services. 	Complete
Key Indicator: Health Care Services			
<i>Increased demand on health care services</i>	<i>EA Table 15-18, 15-20, 15-22 and 15-24</i>	<ul style="list-style-type: none"> Continue to communicate with local and regional health care providers before proposed Project construction activities to identify potential service gaps and issues. 	Complete
	<i>EA Table 15-18, 15-20, 15-22 and 15-24</i>	<ul style="list-style-type: none"> Discuss with health care providers the use of health care facilities during pre-construction to determine the capacity and capabilities of health care facilities and also determine any concerns or expectations on the part of facility managers. 	Complete
	<i>EA Table 15-18, 15-20, 15-22 and 15-24</i>	<ul style="list-style-type: none"> Adhere to Coastal GasLink emergency response procedures outlined in the ERP. 	In Progress
	<i>EA Table 15-18, 15-20, 15-22 and 15-24</i>	<ul style="list-style-type: none"> Adhere to TC Energy's (formerly TransCanada) Health, Safety and Environment Commitment in Appendix E of the Social Technical Report (Appendix 2 M of the Application). 	In Progress
	<i>EA Table 15-18, 15-20, 15-22 and 15-24</i>	<ul style="list-style-type: none"> Follow all WorkSafe BC safety standards on work sites during construction. 	In Progress
	<i>EA Table 15-18, 15-20, 15-22 and 15-24</i>	<ul style="list-style-type: none"> Ensure Prime Contractors submit and adhere to safety plans that address emergency procedures. 	In Progress

POTENTIAL ADVERSE EFFECTS	REGULATORY REFERENCE	MITIGATION ¹	STATUS
	<i>EA Table 15-18, 15-20, 15-22 and 15-24</i>	<ul style="list-style-type: none"> Ensure that the proposed Project will be staffed with sufficient numbers of emergency medical personnel with appropriate certifications, supplies and conveyance requirements based on numbers of workers, hazard risk at the work sites and proximity to medical facilities. 	In Progress
	<i>EA Table 15-18, 15-20, 15-22 and 15-24</i>	<ul style="list-style-type: none"> Supervisory personnel will be on site at all times during drilling, reaming and pullback operations to ensure that emergency response measures will be implemented immediately and effectively. Coastal GasLink will also assign inspection personnel to the site during all phases of drilling of the watercourse. 	In Progress
	<i>EA Table 15-18, 15-20, 15-22 and 15-24</i>	<ul style="list-style-type: none"> Implement mitigation outlined in the Application, Section 21. 	In Progress
	<i>EA Table 15-18, 15-20, 15-22 and 15-24</i>	<ul style="list-style-type: none"> Adhere to the Waste Management Plan, Spill Contingency Plan, Fire Suppression Contingency Plan, Adverse Weather Contingency Plan and Traffic Control Management Plan in the EMP (Appendix 2 A of the Application). 	In Progress
	<i>EA Table 15-18, 15-20, 15-22 and 15-24</i>	<ul style="list-style-type: none"> Ensure senior medical providers are available in the field to provide medical care if a worker needs treatment. 	In Progress
	<i>EA Table 15-18, 15-20, 15-22 and 15-24</i>	<ul style="list-style-type: none"> Ensure first-aid personnel are available in the construction camps for emergencies, and available at the appropriate times to accommodate workers who require medical treatment. 	In Progress
	<i>EA Table 15-18, 15-20, 15-22 and 15-24</i>	<ul style="list-style-type: none"> Outfit the first-aid room with proper equipment and running water as outlined in the WorkSafe BC regulations. 	In Progress
	<i>EA Table 15-18, 15-20, 15-22 and 15-24</i>	<ul style="list-style-type: none"> Ensure medical staff requirements are based on WorkSafe BC ratios of work activity, number of workers and distance (i.e., time) from nearest medical centre. 	In Progress
	<i>EA Table 15-18, 15-20, 15-22 and 15-24</i>	<ul style="list-style-type: none"> Communicate with local and regional health care providers three months before construction, regarding known reasonably foreseeable future development and activities (Appendix 3-A), to understand and address potential overlaps and potential issues with increased demand on health care services. 	Complete
Key Indicator: Social Services			
<i>Increased demand on community social services</i>	<i>EA Table 15-18, 15-20, 15-22 and 15-24</i>	<ul style="list-style-type: none"> Continue to communicate with local and regional social service providers to confirm current community social service issues. 	In Progress
	<i>EA Table 15-18, 15-20, 15-22 and 15-24</i>	<ul style="list-style-type: none"> Provide key personnel for the proposed Project with contact information and construction schedules for local and regional social service providers. 	Complete

POTENTIAL ADVERSE EFFECTS	REGULATORY REFERENCE	MITIGATION ¹	STATUS
	<i>EA Table 15-18, 15-20, 15-22 and 15-24</i>	<ul style="list-style-type: none"> 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). 	In Progress
	<i>EA Table 15-18, 15-20, 15-22 and 15-24</i>	<ul style="list-style-type: none"> House the proposed temporary workforce in construction camps and develop appropriate construction camp policies. Provide the following amenities: <ul style="list-style-type: none"> recreational facilities and activities such as exercise equipment (e.g., weights) and electronics (e.g., television and movies) telephone and internet access 	In Progress
	<i>EA Table 15-18, 15-20, 15-22 and 15-24</i>	<ul style="list-style-type: none"> Communicate with local community social services three months before construction, regarding known reasonably foreseeable future development and activities (Appendix 3-A), to understand and address potential overlaps and potential issues with increased demand on community social services. 	Complete
Key Indicator: Waste Management Facilities			
<i>Increase in waste flow to regional landfill and transfer 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"> Coastal GasLink will confirm the capacity of local and regional facilities to accept waste and recycling before construction of the proposed Project. 	Complete
	<i>EA Table 15-18, 15-20, 15-22 and 15-24</i>	<ul style="list-style-type: none"> Adhere to Coastal GasLink's Chemical and Waste Management Plan in the EMP (Appendix 2 A of the Application). 	In Progress
	<i>EA Table 15-18, 15-20, 15-22 and 15-24</i>	<ul style="list-style-type: none"> All waste materials will be disposed of according to federal and provincial legislation, and municipal and regional regulations, as required. 	In Progress
	<i>EA Table 15-18, 15-20, 15-22 and 15-24</i>	<ul style="list-style-type: none"> All staff of the proposed Project with waste management and hazardous materials responsibilities will be educated according to regulatory requirements specific to the proposed Project. All personnel shall understand their responsibilities for proper handling, identification, documentation and storage of wastes and hazardous materials. 	In Progress
	<i>EA Table 15-18, 15-20, 15-22 and 15-24</i>	<ul style="list-style-type: none"> An appropriate number of portable toilets shall be made available to ensure each crew has ready access to washroom facilities. The facilities will be serviced and cleaned regularly, and adequately secured. All site personnel are to use portable toilets. 	In Progress
	<i>EA Table 15-18, 15-20, 15-22 and 15-24</i>	<ul style="list-style-type: none"> Each construction site will be equipped with adequate garbage receptacles for solid non-hazardous wastes and debris. These materials will be collected, as required, and disposed of at approved locations. Food wastes will be stored in animal proof (bear-proof) containers and transported to an appropriate landfill site. 	In Progress
	<i>EA Table 15-18, 15-20, 15-22 and 15-24</i>	<ul style="list-style-type: none"> Receptacles for recycling various products (e.g., paper and aluminum) will be available at proposed Project construction yards and camps and will be hauled to appropriate recycling depots. 	In Progress

POTENTIAL ADVERSE EFFECTS	REGULATORY REFERENCE	MITIGATION ¹	STATUS
	<i>EA Table 15-18, 15-20, 15-22 and 15-24</i>	<ul style="list-style-type: none"> Communicate with local and regional landfill, transfer station and wastewater treatment operators to identify service gaps and resulting issues. 	In Progress
	<i>EA Table 15-18, 15-20, 15-22 and 15-24</i>	<ul style="list-style-type: none"> 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. 	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"> Continue to communicate with municipal recreation facility operators to confirm the proposed Project construction and workforce schedules to ensure municipal recreational service providers have sufficient notice regarding possible increased use. 	In Progress
	<i>EA Table 15-18, 15-20, 15-22 and 15-24</i>	<ul style="list-style-type: none"> Ensure workers will have access to recreational facilities in the construction camps where they reside during the construction phase. These facilities will include exercise equipment within the camp and access to electronics will be available (e.g., television, movies). 	Complete
	<i>EA Table 15-18, 15-20, 15-22 and 15-24</i>	<ul style="list-style-type: none"> Communicate with municipal recreational facility operators to identify service gaps and resulting issues. 	In Progress
<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"> Communicate with educational and training service providers well in advance of proposed Project construction regarding schedules, workforce, skills requirements and expected demands. 	Complete
<i>Key Indicator: Government Services</i>			
<i>Increased demand on government services</i>	<i>EA Table 15-18, 15-20, 15-22 and 15-24</i>	<ul style="list-style-type: none"> Communicate with government agencies well in advance of proposed Project construction regarding schedules, workforce and expected demands. Government agencies and services used will be specified when proposed Project details are finalized. 	Complete
<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"> Communicate with hotel associations, commercial accommodation providers (i.e., campgrounds, hotels and motels, RV parks) and Chambers of Commerce when proposed Project construction schedules are known to ensure accommodation providers are able to plan for increased activity. 	Complete
	<i>EA Table 15-18, 15-20, 15-22 and 15-24</i>	<ul style="list-style-type: none"> Communicate with community representatives to assess the current housing availability and options for hosting worker's families. 	In Progress
	<i>EA Table 15-18, 15-20, 15-22 and 15-24</i>	<ul style="list-style-type: none"> If accommodations are reserved for personnel of the proposed Project, and are determined not to be needed, request that the Contractor release the rooms. 	In Progress

POTENTIAL ADVERSE EFFECTS	REGULATORY REFERENCE	MITIGATION ¹	STATUS
	<i>EA Table 15-18, 15-20, 15-22 and 15-24</i>	<ul style="list-style-type: none"> Communicate with hotel associations, commercial accommodation providers (i.e., campgrounds, hotels and motels, RV parks) and Chambers of Commerce three months before construction, regarding known reasonably foreseeable future development and activities (Appendix 3-A), to understand and address potential overlaps and potential issues with a reduction in available rental housing and commercial accommodation. 	Complete
VALUED COMPONENT: TRANSPORTATION INFRASTRUCTURE AND SERVICES			
<i>Key Indicator: Traffic</i>			
<i>Increased traffic volumes from transportation of workers, supplies and equipment leading to decreased road safety</i>	<i>EA Table 15-25, 15-27 and 15-31</i>	<ul style="list-style-type: none"> Implement the Traffic Control Management Plan in the EMP (Appendix 2A of the Application) and the Access Control Management Plan. 	In Progress
	<i>EA Table 15-25, 15-27 and 15-31</i>	<ul style="list-style-type: none"> Before construction activities, use community media outlets such as newspapers and radio stations, and email updates to announce the location and schedule of construction activities. 	In Progress
	<i>EA Table 15-25, 15-27 and 15-31</i>	<ul style="list-style-type: none"> Confirm the proposed Project construction schedule and road crossing procedures with BC Ministry of Transportation and Infrastructure staff before construction activities. 	In Progress
	<i>EA Table 15-25, 15-27 and 15-31</i>	<ul style="list-style-type: none"> Communicate with RCMP detachments to define traffic safety concerns and mitigation before proposed Project construction. 	Complete
	<i>EA Table 15-25, 15-27 and 15-31</i>	<ul style="list-style-type: none"> Coastal GasLink will transport pipe materials to the proposed Project area by rail, where off-loading (rail sidings) are available and where practical. 	Complete
	<i>EA Table 15-25, 15-27 and 15-31</i>	<ul style="list-style-type: none"> Access points to the ROW will be flagged and signed to discourage public use. 	In Progress
	<i>EA Table 15-25, 15-27 and 15-31</i>	<ul style="list-style-type: none"> Construction personnel will be transported between construction yards, construction camps and the construction site by multi-passenger vehicles, to the extent practical, to reduce vehicle traffic. 	In Progress
	<i>EA Table 15-25, 15-27 and 15-31</i>	<ul style="list-style-type: none"> Motorized vehicle traffic, including all-terrain vehicle (ATV), ARGO and snowmobile traffic, will be confined to the approved route, access roads or trails except where specifically authorized by the appropriate regulatory authority. 	In Progress
	<i>EA Table 15-25, 15-27 and 15-31</i>	<ul style="list-style-type: none"> Vehicles will be limited to travel on the access roads for which they are designed. Most vehicles are able to turn around within the width of the construction ROW. Stringing trucks require extra turning radius. Consequently, approaches to the pipeline ROW or existing public roads will be wider when used for stringing trucks. Where turnarounds are needed on the ROW, extra space will be necessary on the travel side of the ROW. Previously disturbed areas will be used for this purpose, where practical. 	In Progress

POTENTIAL ADVERSE EFFECTS	REGULATORY REFERENCE	MITIGATION ¹	STATUS
	<i>EA Table 15-25, 15-27 and 15-31</i>	<ul style="list-style-type: none"> Efforts to control off-road vehicle use will be coordinated with the appropriate authorities and conducted until the ROW has been satisfactorily reclaimed. All proposed Project-related vehicles will follow applicable traffic, road-use and safety laws. 	In Progress
	<i>EA Table 15-25, 15-27 and 15-31</i>	<ul style="list-style-type: none"> Communication with communities where known traffic issues exist once the proposed Project schedule is confirmed. 	In Progress
	<i>EA Table 15-25, 15-27 and 15-31</i>	<ul style="list-style-type: none"> Communication with forest licensees to address cumulative road use issues. 	In Progress
<i>Increase in rail traffic resulting 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"> Communicate with CN Rail to confirm rail capacity, siding availability, schedules, and potential issues related to shipping pipe materials by rail. 	Complete
	<i>EA Table 15-25, 15-27 and 15-31</i>	<ul style="list-style-type: none"> Work with community representatives to identify suitable stockpile sites for pipe material, where practical. Specific selection would consider proposed Project requirements, access roads and general site conditions. 	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"> Communicate with local and regional airport authorities of proposed Project construction activities to inform them of proposed Project schedules. 	Complete
	<i>EA Table 15-25, 15-27 and 15-31</i>	<ul style="list-style-type: none"> Before construction activities, use community media outlets such as newspapers and radio stations to announce the location and schedule of construction activities to avoid impacts on access to air travel by residents. 	Monitoring
Key Indicator: Navigability of Waterways			
<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"> Adhere to watercourse crossing mitigation outlined in Section 7 of the Application. 	In Progress
	<i>EA Table 15-25, 15-27 and 15-31</i>	<ul style="list-style-type: none"> Obtain necessary approvals under Navigable Waters Protection Act, as required. 	In Progress
	<i>EA Table 15-25, 15-27 and 15-31</i>	<ul style="list-style-type: none"> Make the Project construction schedule and location maps available to recreational user groups and other members of the public to avoid conflict with planned activities. 	In Progress
	<i>EA Table 15-25, 15-27 and 15-31</i>	<ul style="list-style-type: none"> If directed by the appropriate regulatory authority, install warning signs along the banks both upstream and downstream of the crossing to caution users of a navigational hazard, where appropriate. 	In Progress
	<i>EA Table 15-25, 15-27 and 15-31</i>	<ul style="list-style-type: none"> Discuss with TC to ensure that appropriate procedures were used for navigable waterway crossings. 	In Progress

Appendix C

Diversity and Local Employment June – October 2021

Percentage of Monthly Total Workforce by Diversity and Local Category, June – October 2021 ^{1, 2, 3, 4}

	Month	Indigenous	Women	Local	Total B.C.	Total Workforce
2021	June	460 (10.8%)	593 (14.0%)	750 (17.6%)	1,435 (33.8%)	4,249
	July	551 (11.4%)	714 (14.7%)	858 (17.7%)	1,794 (37.0%)	4,847
	August	693 (12.0%)	824 (14.3%)	1,015 (17.6%)	2,090 (36.3%)	5,762
	September	590 (9.7%)	804 (13.2%)	905 (14.9%)	1,859 (30.5%)	6,092
	October	594 (10.5%)	799 (14.1%)	959 (16.9%)	1,891 (33.4%)	5,661

¹ Reported values are not cumulative. Individuals may qualify under multiple categories.

² Data includes prime contractors, subcontractors, core employees, and the Construction Monitoring and Community Liaison/Community Workforce Accommodation Advisor program workforce. It does not include contingent workforce contractors.

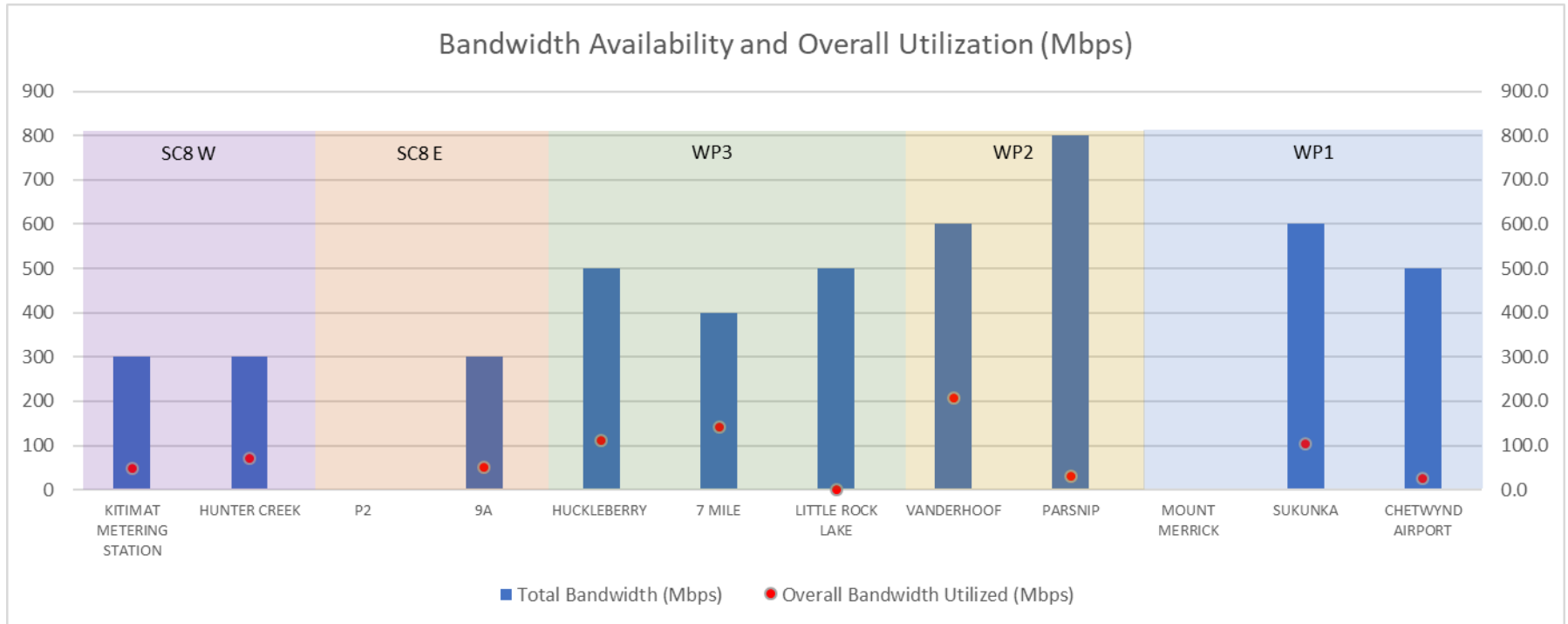
³ This information is subject to change and not to be considered an exhaustive census of the Project's workforce.

⁴ This information is voluntarily self-identified during data collection.

Appendix D

Workforce Telecommunication Use

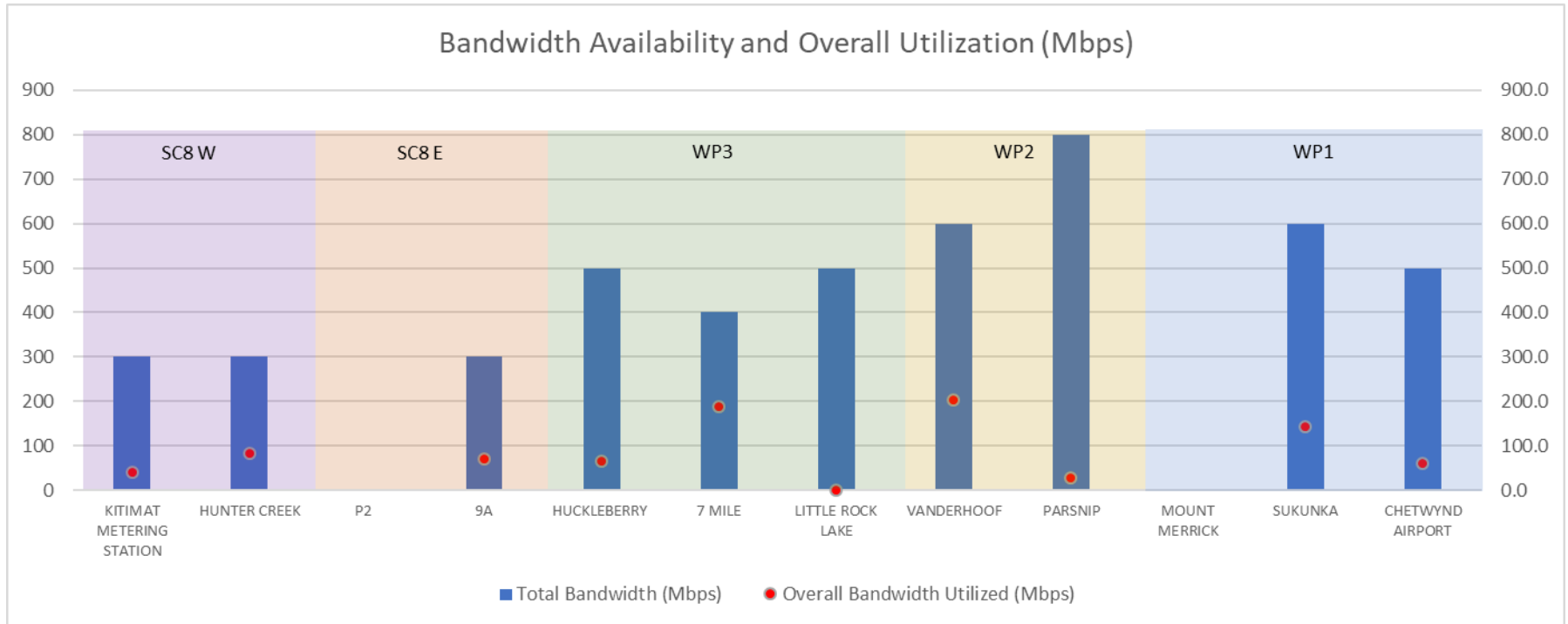
Lodge Wi-Fi Availability and Overall Utilization, May 1 – 15, 2021



Notes:

- The Kitimat Metering Station and Chetwynd Airport facilities are Project offices.
- There was no data available for the Little Rock Lake Lodge during this period.
- The P2 and Mount Merrick Lodges were not opened during this period.

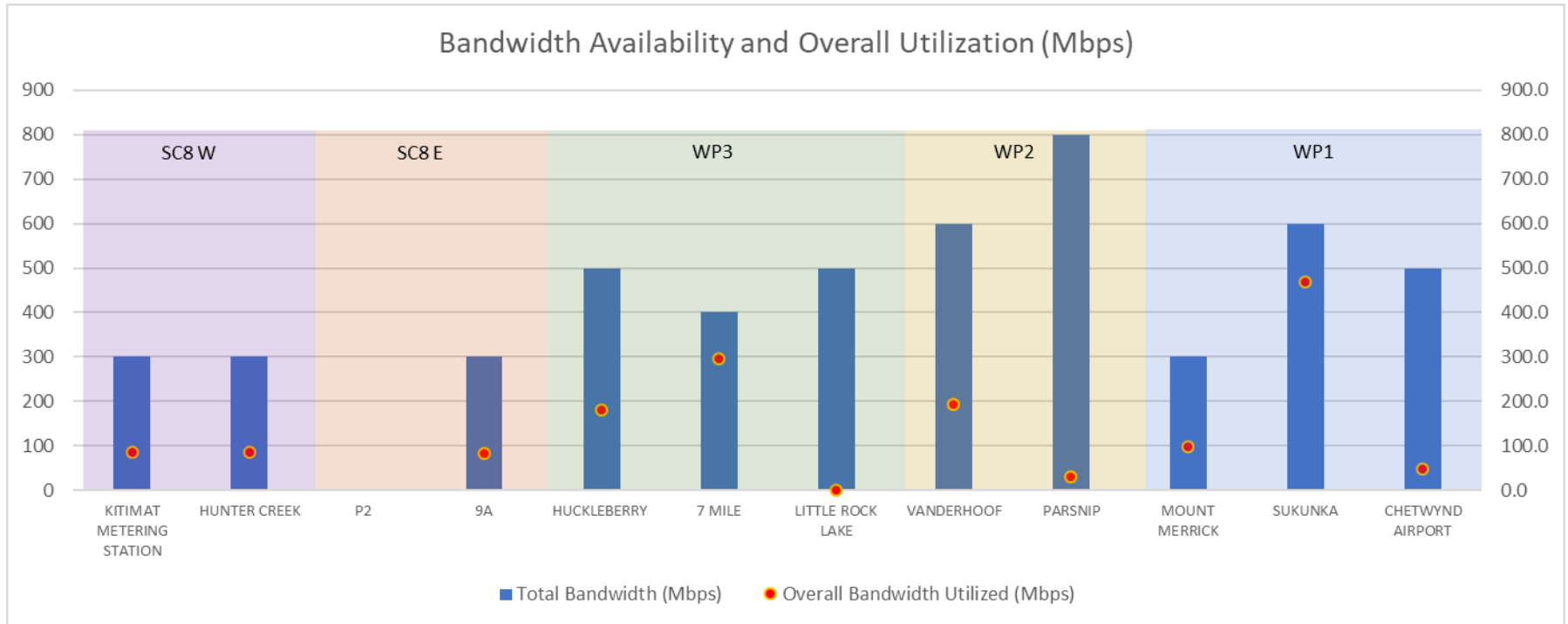
Lodge Wi-Fi Availability and Overall Utilization, May 16 – 31, 2021



Notes:

- The Kitimat Metering Station and Chetwynd Airport facilities are Project offices.
- There was no data available for the Little Rock Lake Lodge during this period.
- The P2 and Mount Merrick Lodges were not opened during this period.

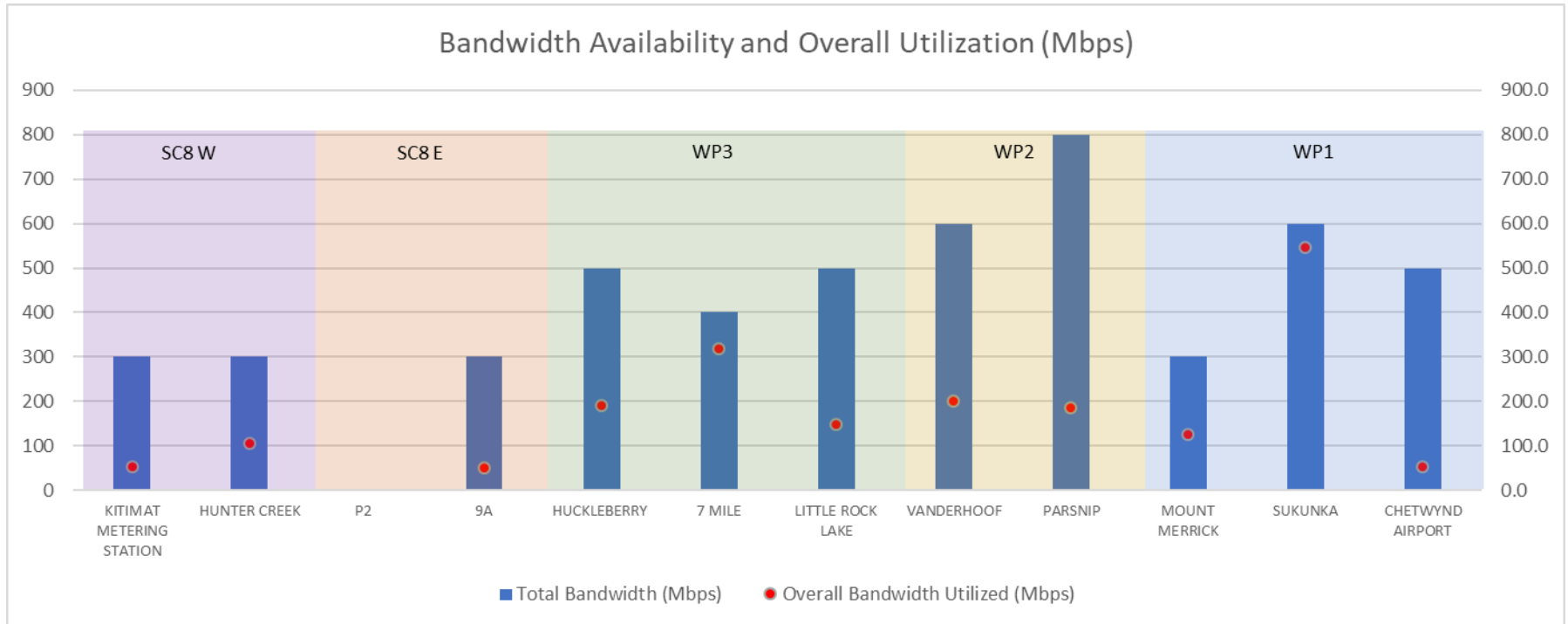
Lodge Wi-Fi Availability and Overall Utilization, June 1 – 15, 2021



Notes:

- The Kitimat Metering Station and Chetwynd Airport facilities are Project offices.
- There was no data available for the Little Rock Lake Lodge during this period.
- The P2 Lodge was not opened during this period.

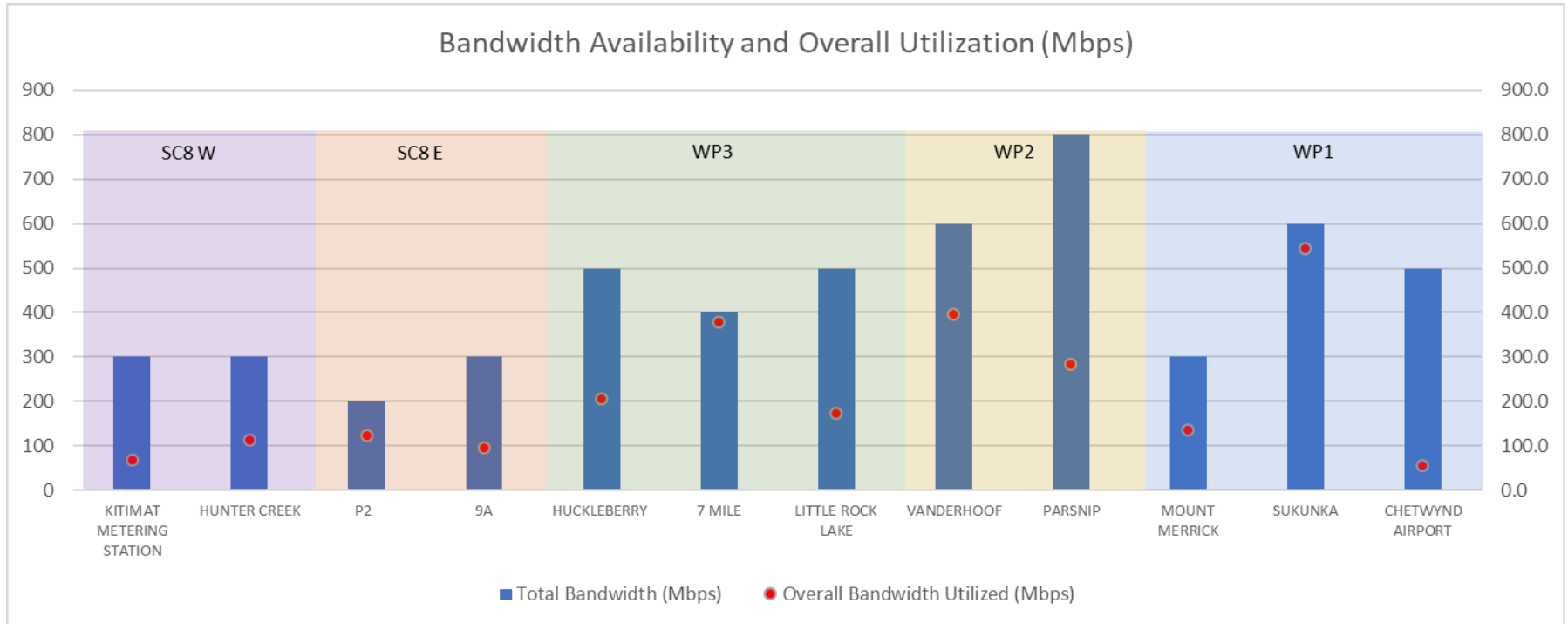
Lodge Wi-Fi Availability and Overall Utilization, June 16 – 30, 2021



Notes:

- The Kitimat Metering Station and Chetwynd Airport facilities are Project offices.
- The P2 Lodge was not opened during this period.

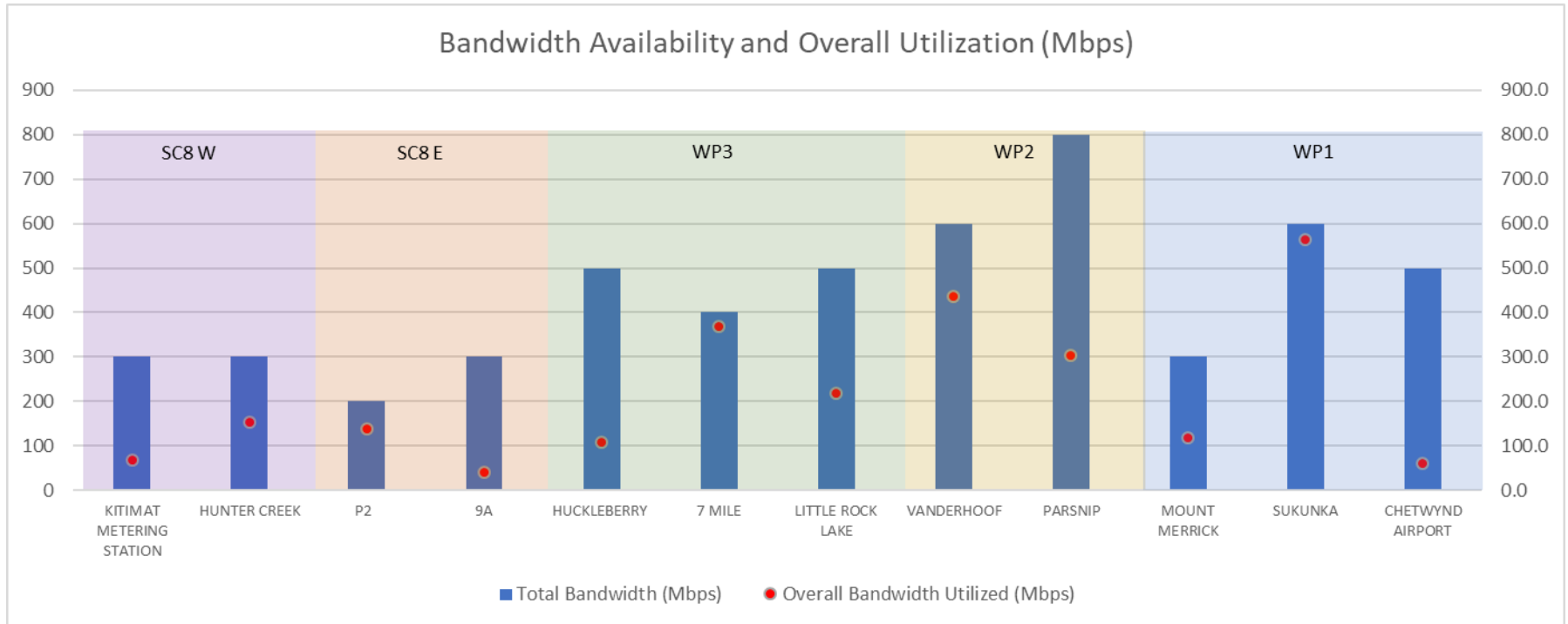
Lodge Wi-Fi Availability and Overall Utilization, July 1 – 15, 2021



Notes:

- The Kitimat Metering Station and Chetwynd Airport facilities are Project offices.

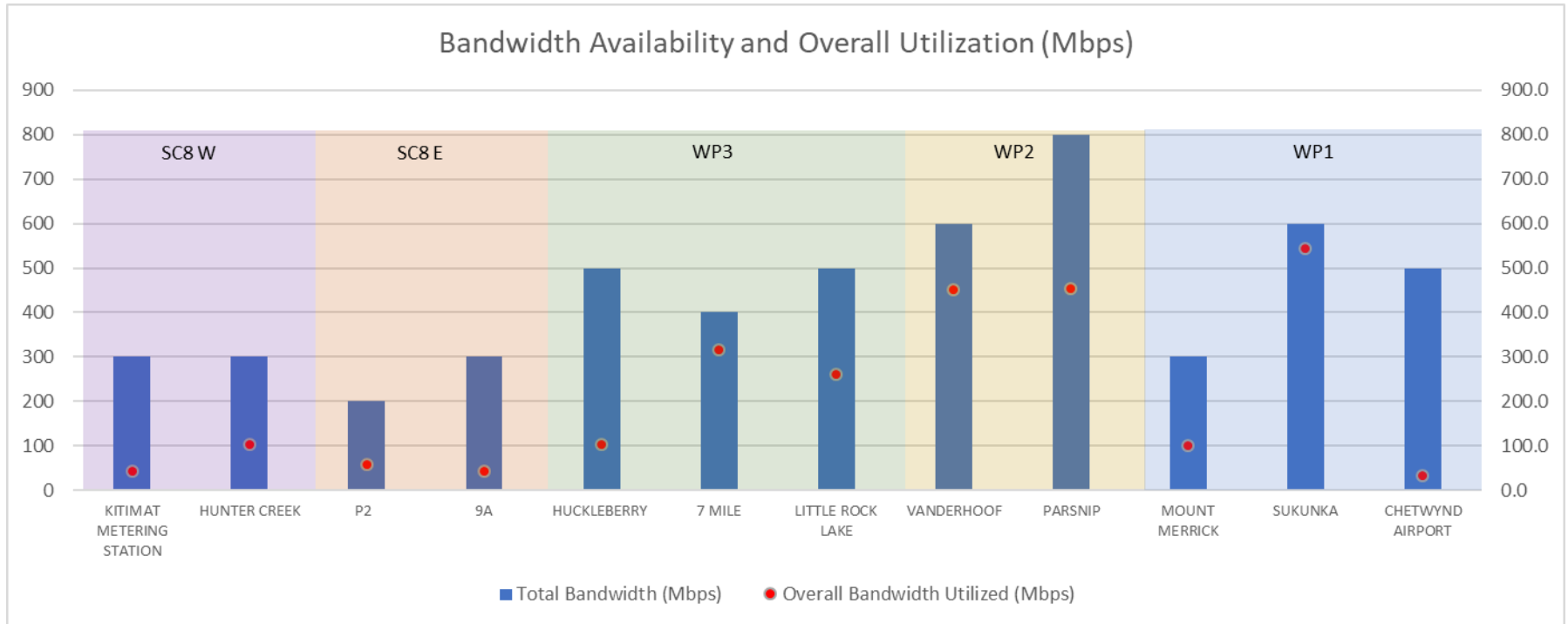
Lodge Wi-Fi Availability and Overall Utilization, July 16 – 31, 2021



Notes:

- The Kitimat Metering Station and Chetwynd Airport facilities are Project offices.

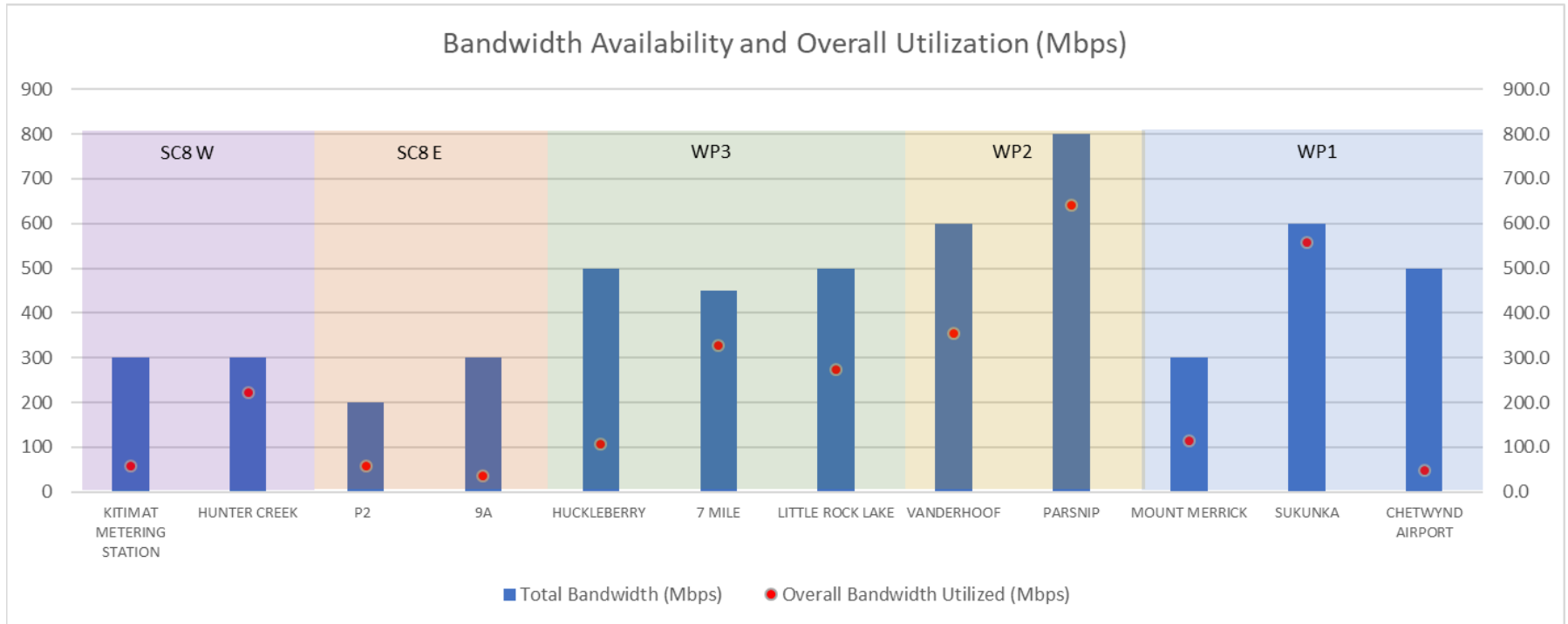
Lodge Wi-Fi Availability and Overall Utilization, August 1 – 15, 2021



Notes:

- The Kitimat Metering Station and Chetwynd Airport facilities are Project offices.

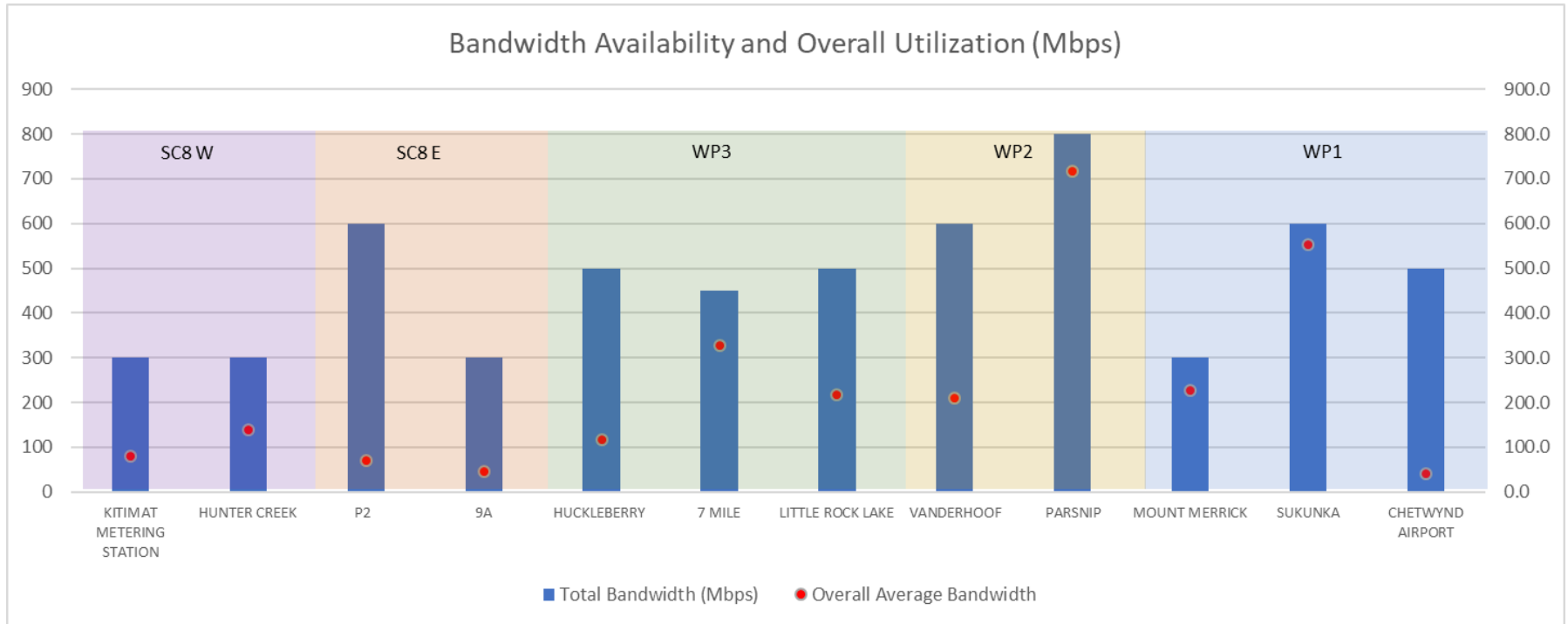
Lodge Wi-Fi Availability and Overall Utilization, August 16 – 31, 2021



Notes:

- The Kitimat Metering Station and Chetwynd Airport facilities are Project offices.

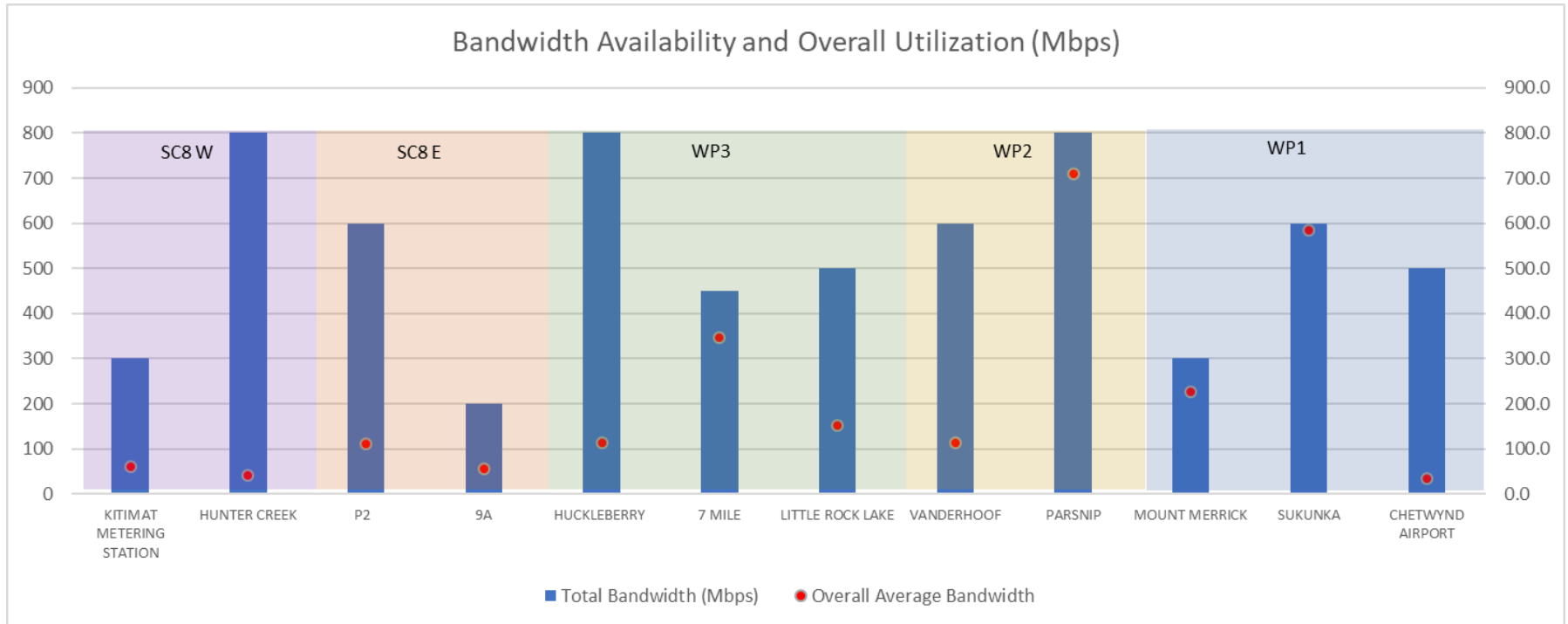
Lodge Wi-Fi Availability and Overall Utilization, September 1 – 15, 2021



Notes:

- The Kitimat Metering Station and Chetwynd Airport facilities are Project offices.

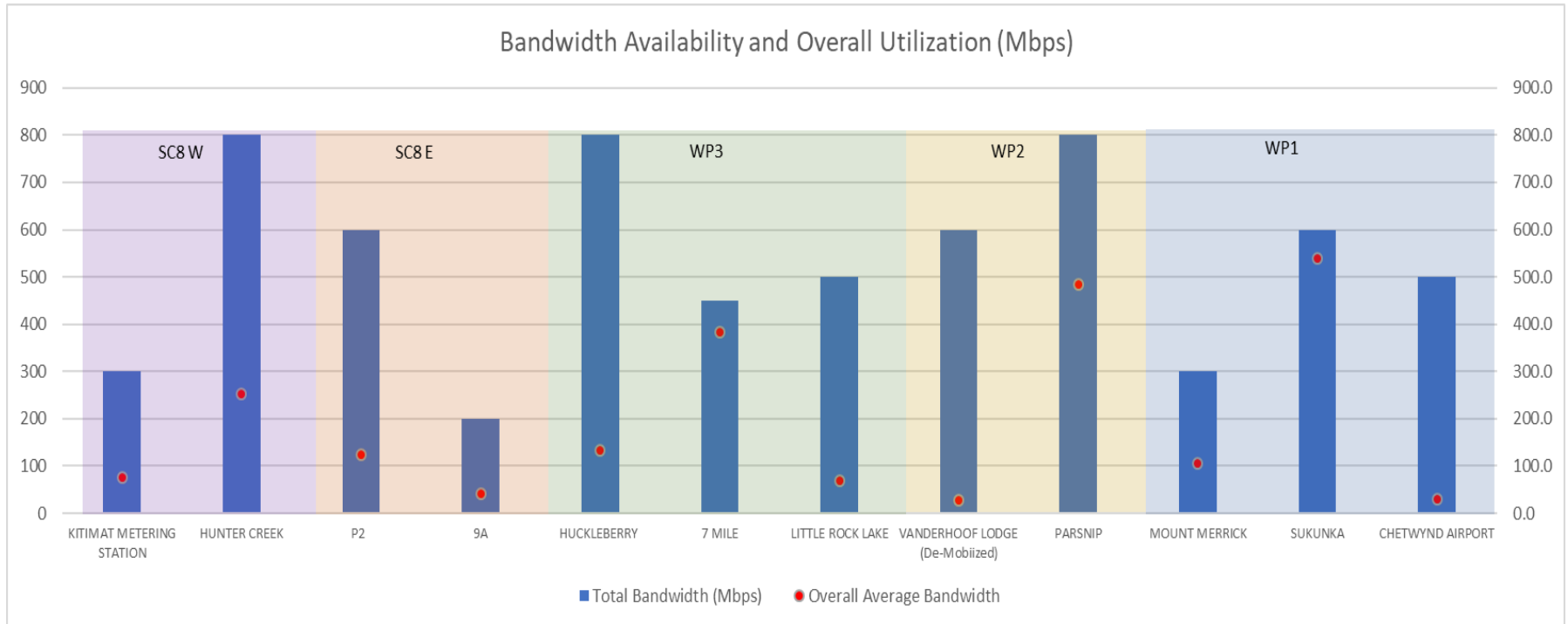
Lodge Wi-Fi Availability and Overall Utilization, September 16 – 30, 2021



Notes:

- The Kitimat Metering Station and Chetwynd Airport facilities are Project offices.

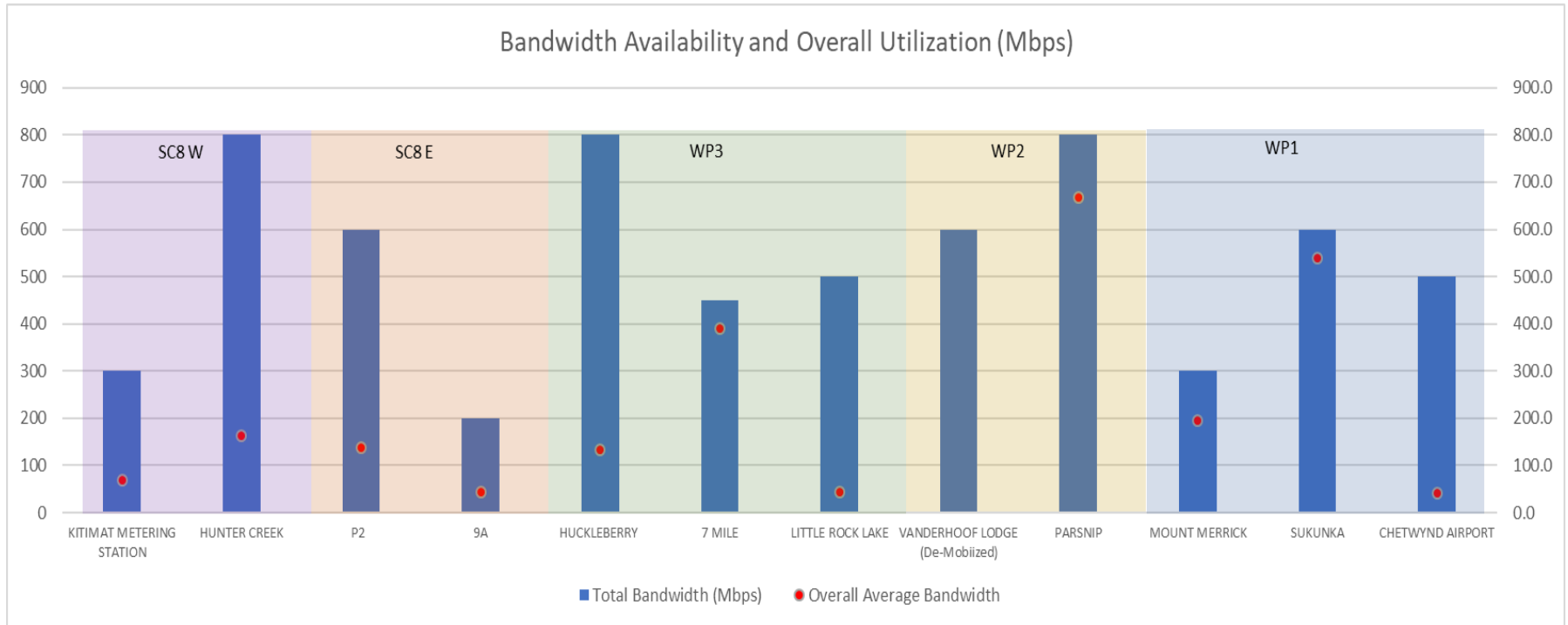
Lodge Wi-Fi Availability and Overall Utilization, October 1 – 15, 2021



Notes:

- The Kitimat Metering Station and Chetwynd Airport facilities are Project offices.
- The Vanderhoof Lodge officially closed on October 1, 2021.

Lodge Wi-Fi Availability and Overall Utilization, October 16 – 31, 2021



Notes:

- The Kitimat Metering Station and Chetwynd Airport facilities are Project offices.
- The Vanderhoof Lodge officially closed on October 1, 2021.

Appendix E

Project Waste Volume Forecast by Location and Type

Project Waste Volumes by Destination and Type, July – September 2021

Waste Type	Receiver	Volume
Wilde Lake Compressor Station		
Garbage and construction waste	Peace River Regional District Chetwynd Landfill	126,550 kg
	Peace River Regional District Bessborough Landfill	10,895 kg
Contaminated soil	Tervita Silverberry Facility in Buick, B.C.	551,241 kg
Other industrial solid waste	GFL Environmental in Prince George, B.C. Tervita	18,940 kg
Industrial liquid waste	Tervita	29.7 m ³
Sewage	District of Chetwynd Sewage Treatment Plant	638.4 m ³
	Peace River Regional District Charlie Lake Treatment Facility	15.9 m ³
Recyclables, cardboard	Dawson Creek Recycling	5,873 kg
Recyclables, metals	ABC Recycling in Fort St. John, B.C.	163,233 kg
Work Package 1, Groundbirch to Rocky Mountain Divide (KP 0 to KP 140.2)		
Garbage and construction waste ¹	Chetwynd Landfill	870,130 kg
Mixed loads ²	Chetwynd Landfill	114,260 kg
	Chetwynd Recycling	
Contaminated soil	Tervita Silverberry Facility in Buick, B.C.	53,350 kg
Other industrial solid waste	Tervita Silverberry Facility in Buick, B.C.	3,640 kg
	Chetwynd Recycling (contaminated cardboard)	
Sewage	District of Chetwynd	7,495 m ³
Recyclable cardboard and unidentified recyclables	Chetwynd Recycling	4,420 kg
Recyclables, metals	Chetwynd Recycling	25,890 kg
Recyclables, plastics ³	Chetwynd Recycling	39,560 kg
	Chetwynd Landfill	
Work Package 2, Rocky Mountain Divide to east of Highway 27 (KP 140.2 to KP 337.3)		
Garbage and construction waste	Regional District of Fraser-Fort George Foothills Landfill	722,840 kg
	Regional District of Bulkley-Nechako Clearview Landfill	768,890 kg
Contaminated soil	GFL Environmental in Prince George, B.C. Tervita	13,194 kg
Other industrial solid waste	GFL Environmental; disposal in Prince George or Delta, B.C.	8,200 kg
Industrial liquid waste	GFL Environmental in Prince George, B.C.	36.9 m ³
Sewage ⁴	Village of Fraser Lake	5,208 m ³
Recyclables, metals	ABC Recycling in Prince George, B.C.	25,130 kg
Recyclables, cardboard	Cascades Recovery in Prince George, B.C.	34,710 kg
Recyclables, cooking oil	McLeod's in Prince George, B.C.	15 m ³
¹ In WP1, contractors reported that occasional loads are accepted at Landfills for a flat fee without weighing. Coastal GasLink has provided volume estimates. ² For some WP1 loads, contractors took materials to both the Landfill and the recycling yard and did not report separate volumes. Mixed loads consisted of garbage and cardboard, or wood, garbage and steel. ³ WP1 recyclable volumes do not include materials from mixed loads. ⁴ Sewage from east of the Stuart River in WP1 is disposed of at the provincially-permitted septic field near the Coastal GasLink Parsnip Lodge.		

Notes:

- Data was supplied by Prime Contractors for the period from July 1 to September 30, 2021.
- Non-hazardous waste is solid waste that will be accepted on payment of a standard tipping fee at a public landfill, including non-recyclable plastics, food waste and clean construction waste e.g. waste wood, wire, geotextiles.
- The contaminated soil category is defined here as soil that is slightly contaminated but not classified as "hazardous" under provincial regulation. It is accepted at public landfills, usually on payment of a surcharge. More heavily contaminated soil is accounted for in the industrial waste category.
- The hazardous or industrial waste category covers materials that are not accepted at public landfills and must be transported to a special facility. This includes a wide variety of materials: hydrocarbon products, cleaning chemicals, used oil, filters, grease, rags, solvents, antifreeze, lube tubes, filters; items containing chemicals and heavy metals, e.g. batteries, paints, glues, epoxy coating; medical waste; and highly contaminated soil that is classified as hazardous.
- The liquid waste category covers waste that will be accepted on payment of a standard tipping fee at a sewage treatment facility operated by a local government or First Nation. Waste that is diverted to on-site treatment at Coastal GasLink's Parsnip Lodge and Little Rock Lake Lodge is not accounted for here.
- The recyclables category includes items that are deposited unconditionally at recycling depots, donated to local organizations directly or through recycling depots, or sold to materials brokers.

Project Waste Volumes by Destination and Type, July – September 2021

Waste Type	Receiver	Volume
Work Package 3, east of Highway 27 to north of Morice Lake (KP 337.3 to KP 583.2)		
Garbage and construction waste	Regional District of Bulkley-Nechako Knockholt Landfill	192,472 kg
	Regional District of Bulkley-Nechako Clearview Landfill	56,170 kg
Contaminated soil	GFL Environmental in Prince George, B.C.	10,000 kg
Other industrial waste	GFL Environmental in Prince George, B.C.	10,000 kg
Sewage ⁵	District of Houston	6,522 m ³
	Village of Burns Lake	6,000 m ³
Recyclables, plastic	Clearview Landfill	570 kg
Recyclables, cardboard	Cascades Recovery in Prince George, B.C.	19,635 kg
	GFL Environmental in Prince George, B.C.	
	Burns Lake Waste Transfer Station	
Recycling, metals ⁶	Richmond Steel Recycling in Prince George, B.C.	5,244 kg
Work Package 4 east, north of Morice Lake (KP 583.2 to KP 612.7)		
Non-hazardous solid waste	Regional District of Bulkley-Nechako Knockholt Landfill	151,600 kg
Contaminated soil	Regional District of Bulkley-Nechako Knockholt Landfill	250,000 kg
	Back to Earth in Prince George, B.C. Tervita Silverberry Facility in Buick, B.C.	459,210 kg
Other industrial waste	Back to Earth in Prince George, B.C.	55,130 kg
	Tervita facilities in Edmonton, Lacombe and Ryley, AB	
Sewage	District of Houston	6,936 m ³
Recyclables, wood	Do Your Part Recycling in Terrace, B.C.	9,950 kg
Recyclables, metals	Do Your Part Recycling in Terrace, B.C.	52,960 kg
	ABC Recycling in Terrace, B.C.	
Recyclables, cardboard	Do Your Part Recycling in Terrace, B.C.	10,362 kg
	ABC Recycling in Terrace, B.C.	
	Cascades Recovery in Prince George, B.C.	
Work Package 4 west, KP 612.7 to LNG Canada site in Kitimat, B.C.		
Non-hazardous solid waste	Regional District of Kitimat-Stikine Forceman Ridge Landfill	201,190 kg
Contaminated soil	Regional District of Kitimat-Stikine Forceman Ridge Landfill	79,670 kg
Other industrial solid waste	Tervita Facility in Edmonton, AB Sandhill Facility in Kitimat, B.C.	37,266 kg
Industrial liquid waste	Terrapure Environmental	1.33 m ³
Sewage	District of Kitimat Sewage Treatment	2,945 m ³
Recyclables, metals	ABC Recycling in Terrace, B.C.	20,100 kg
	Geier Waste Services	
Recyclables, cardboard	Do Your Part Recycling in Terrace, B.C.	13,930 kg
Kitimat Meter Station (completed July 2021)		
Non-hazardous solid waste	Regional District of Kitimat-Stikine Forceman Ridge Landfill	6,680 kg
Recyclables, metals	Allen's Scrap and Salvage in Prince George, B.C.	1,300 kg
⁵ Sewage from Little Rock Lake Lodge is treated at the adjacent Nadleh Whut'en Facility and volumes are not tracked by Coastal GasLink. Volumes for 7-Mile Lodge are projected from July 2021 entries.		
⁶ An additional 30,500 kg of segregated metals were deposited at the Knockholt Landfill for recycling by the regional District of Bulkley-Nechako. This amount is included in the "non-hazardous waste" line.		

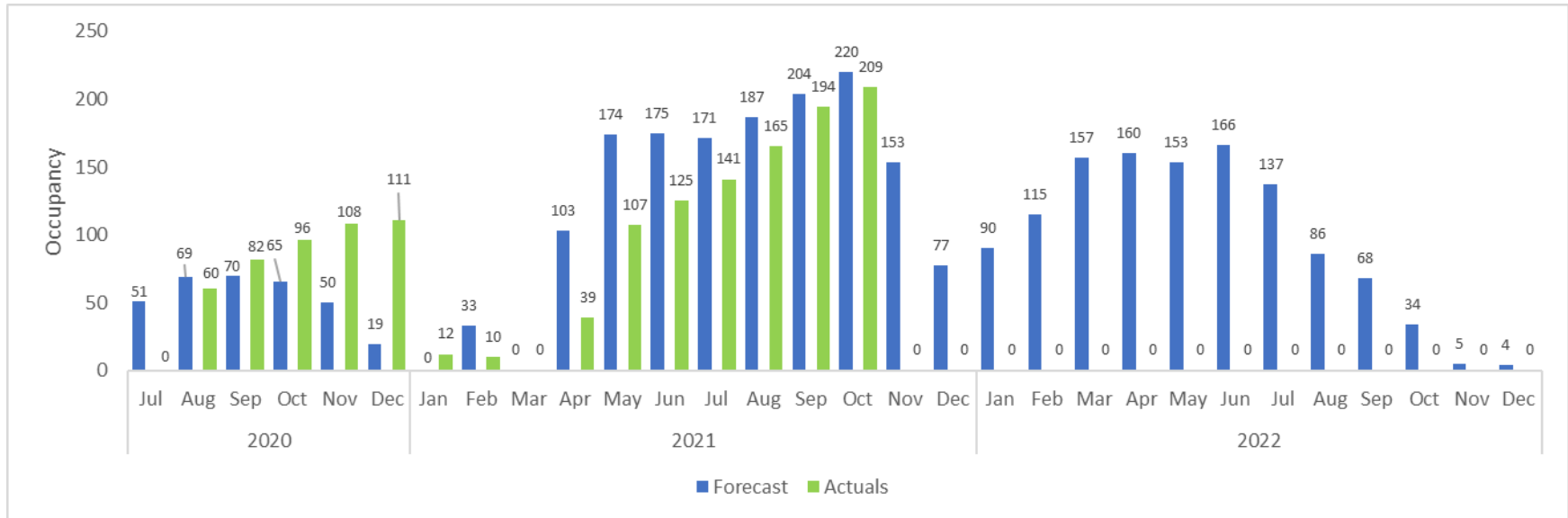
Notes:

- Data was supplied by Prime Contractors for the period from July 1 to September 30, 2021.
- Non-hazardous waste is solid waste that will be accepted on payment of a standard tipping fee at a public landfill, including non-recyclable plastics, food waste and clean construction waste e.g. waste wood, wire, geotextiles.
- The contaminated soil category is defined here as soil that is slightly contaminated but not classified as "hazardous" under provincial regulation. It is accepted at public landfills, usually on payment of a surcharge. More heavily contaminated soil is accounted for in the industrial waste category.
- The hazardous or industrial waste category covers materials that are not accepted at public landfills and must be transported to a special facility. This includes a wide variety of materials: hydrocarbon products, cleaning chemicals, used oil, filters, grease, rags, solvents, antifreeze, lube tubes, filters; items containing chemicals and heavy metals, e.g. batteries, paints, glues, epoxy coating; medical waste; and highly contaminated soil that is classified as hazardous.
- The liquid waste category covers waste that will be accepted on payment of a standard tipping fee at a sewage treatment facility operated by a local government or First Nation. Waste that is diverted to on-site treatment at Coastal GasLink's Parsnip Lodge and Little Rock Lake Lodge is not accounted for here.
- The recyclables category includes items that are deposited unconditionally at recycling depots, donated to local organizations directly or through recycling depots, or sold to materials brokers.

Appendix F

Workforce Accommodations – Planned vs Actual Peak Occupancy Charts

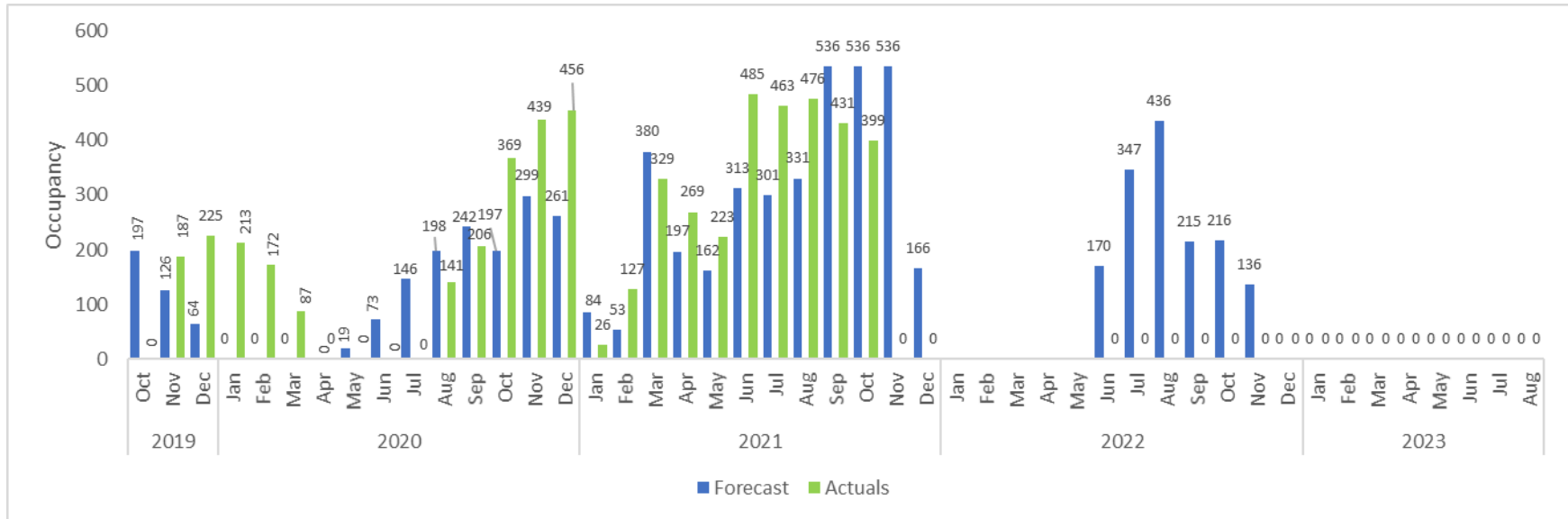
Sanataa Lodge (Section 1): planned vs actual peak occupancy



Notes:

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

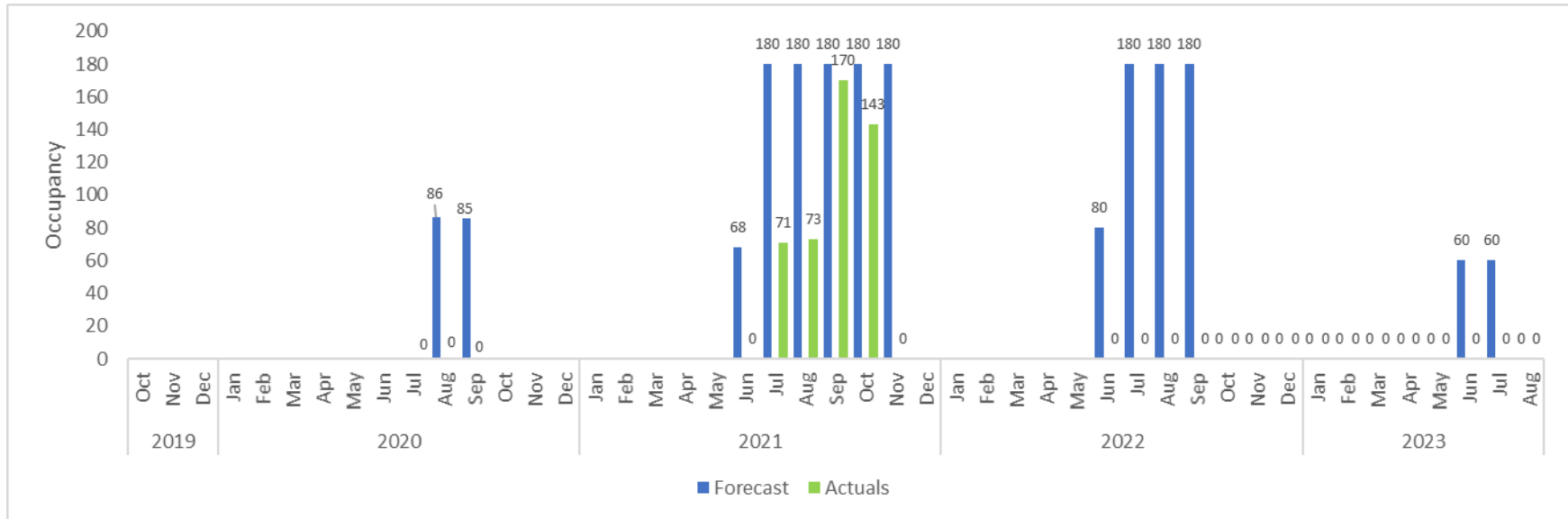
Sukunka Lodge (Section 2): planned vs actual peak occupancy



Notes:

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

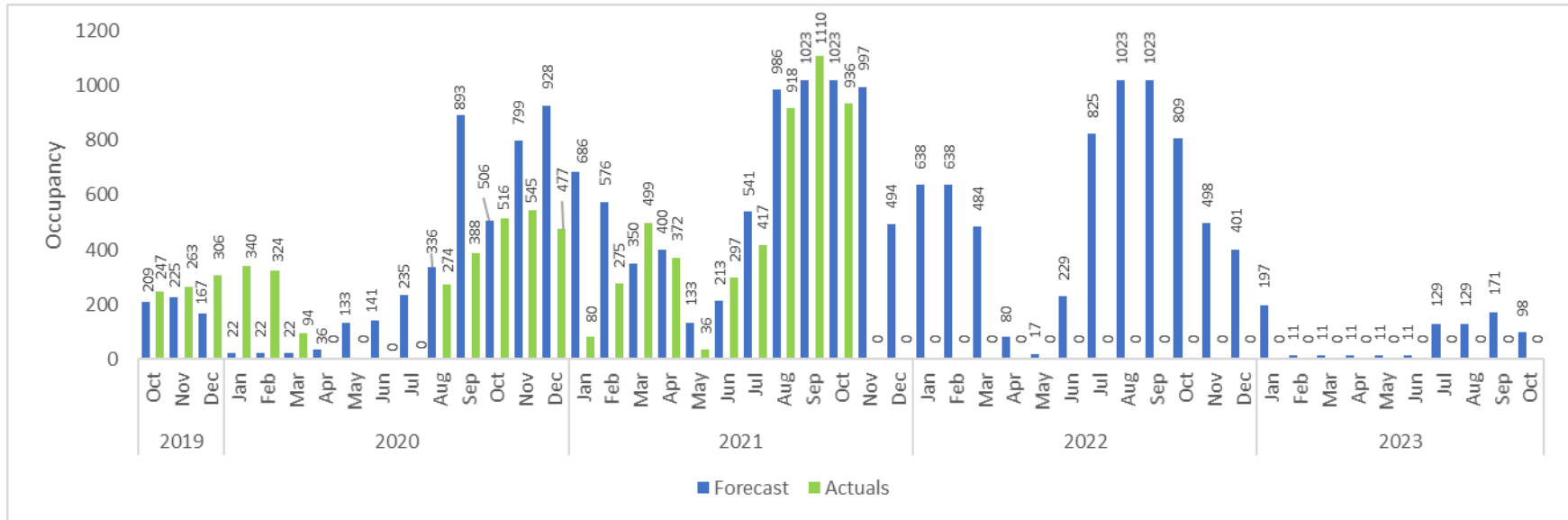
Mount Merrick Lodge (Section 2): planned vs actual peak occupancy



Notes:

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

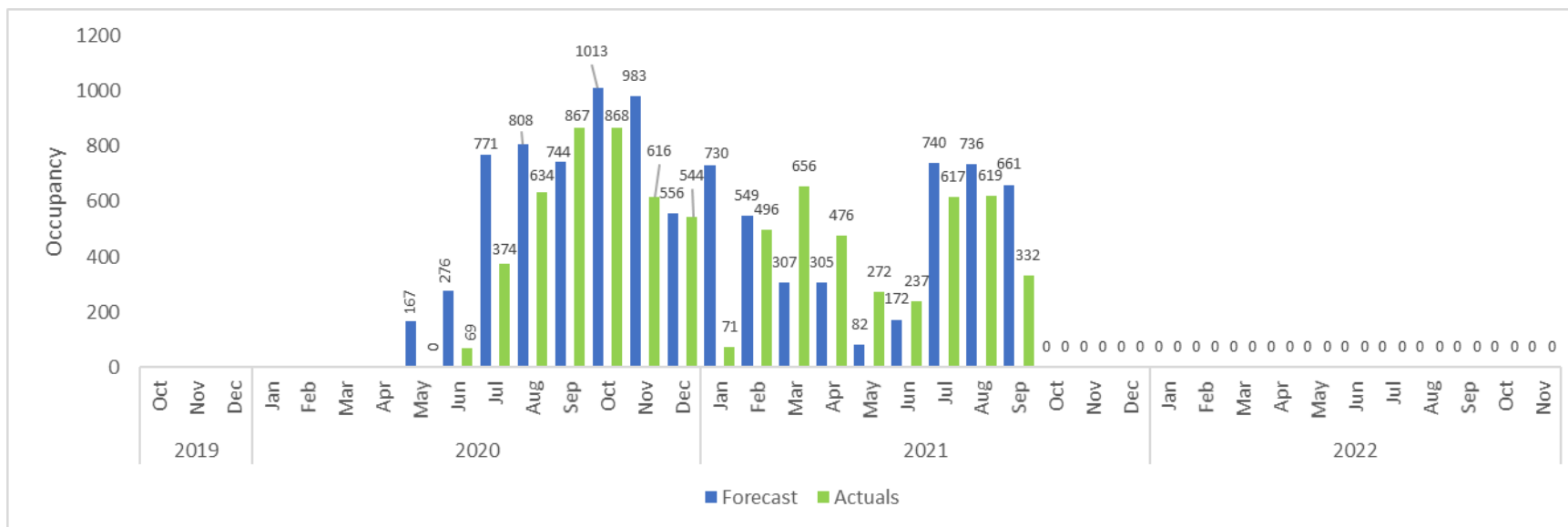
Parsnip Lodge (Section 3): planned vs actual peak occupancy



Notes:

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

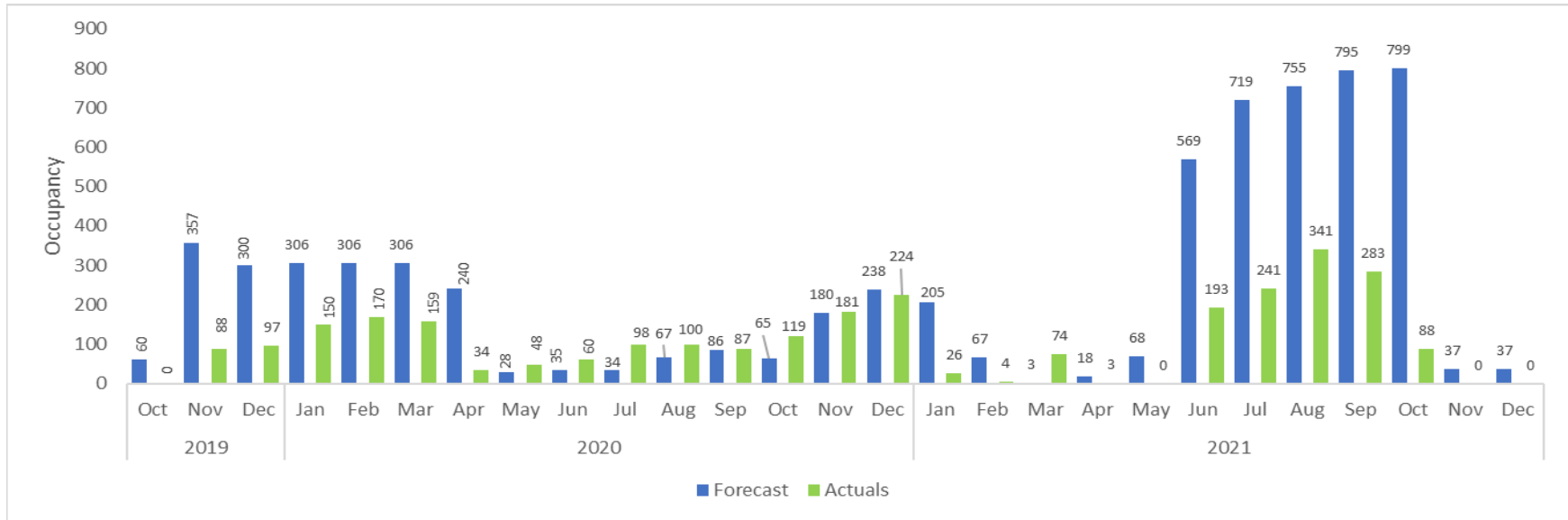
Vanderhoof Lodge (Section 4): planned vs actual peak occupancy



Notes:

- Data is current as of October 2021.
- The Vanderhoof Lodge began demobilization during September 2021 and officially closed on October 1, 2021.
- Peak occupancy is recorded as the highest occupancy day within a given month.

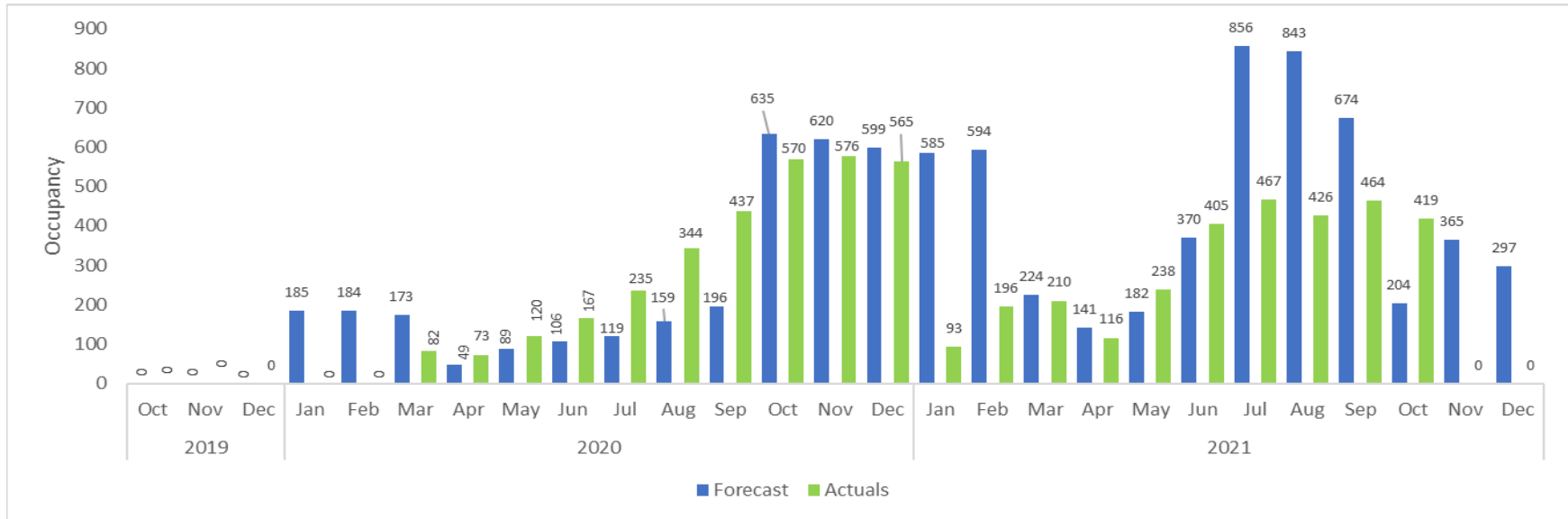
Little Rock Lake Lodge (Section 5): planned vs actual peak occupancy



Notes:

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

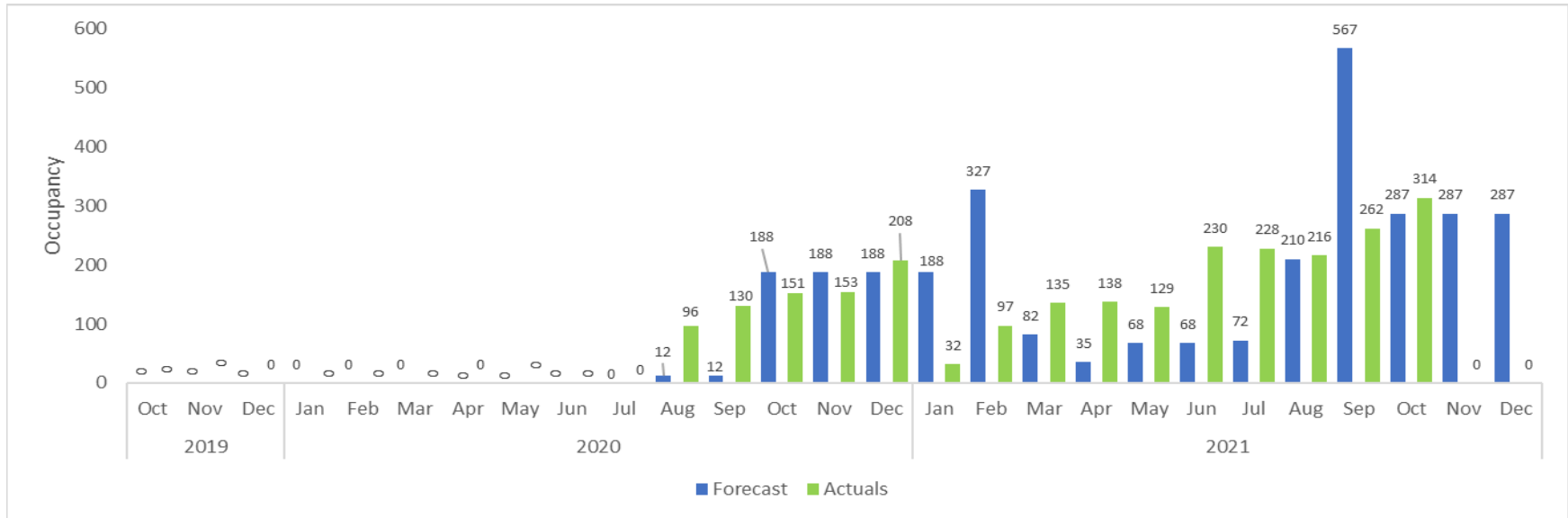
7-Mile Road Lodge (Section 6): planned vs actual peak occupancy



Notes:

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

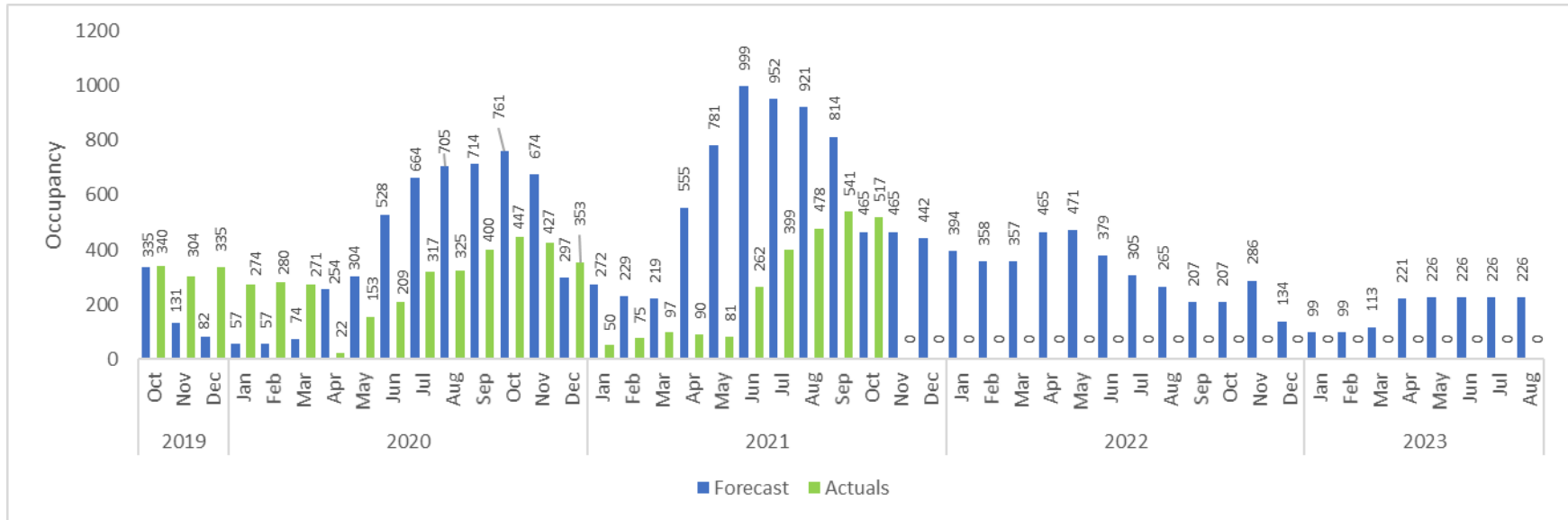
Huckleberry Lodge (Section 7): planned vs actual peak occupancy



Notes:

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

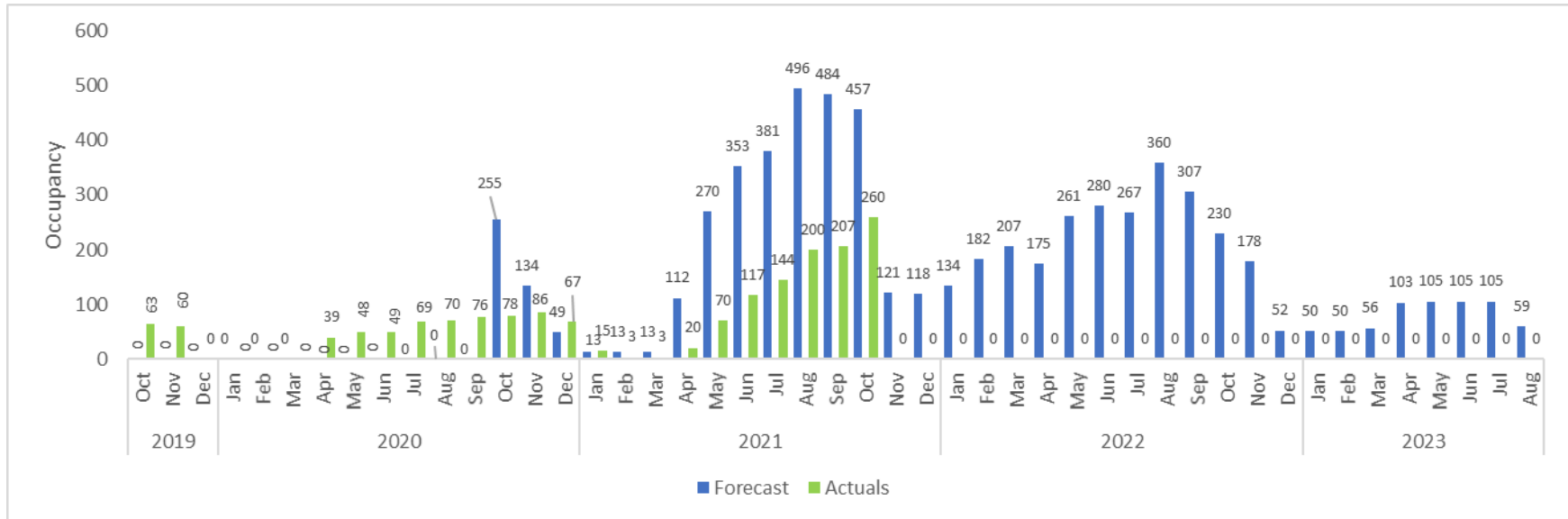
Sitka Lodge (Section 8): planned vs actual peak occupancy



Notes:

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

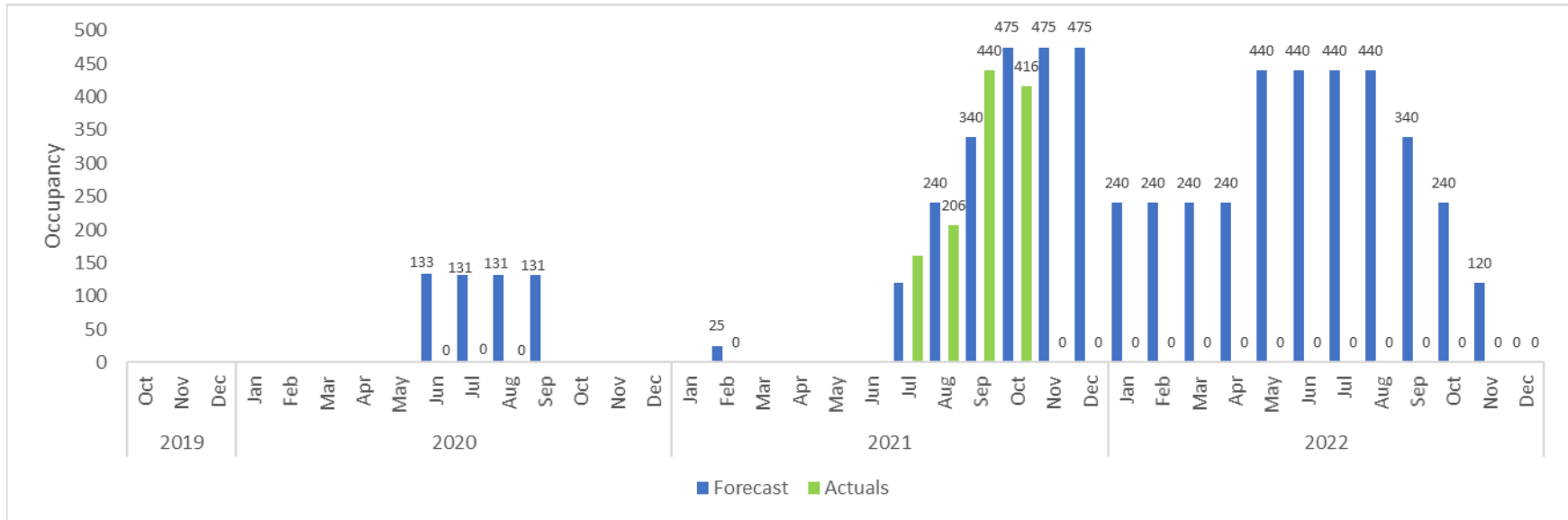
Hunter Creek Lodge (Section 8): planned vs actual peak occupancy



Notes:

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

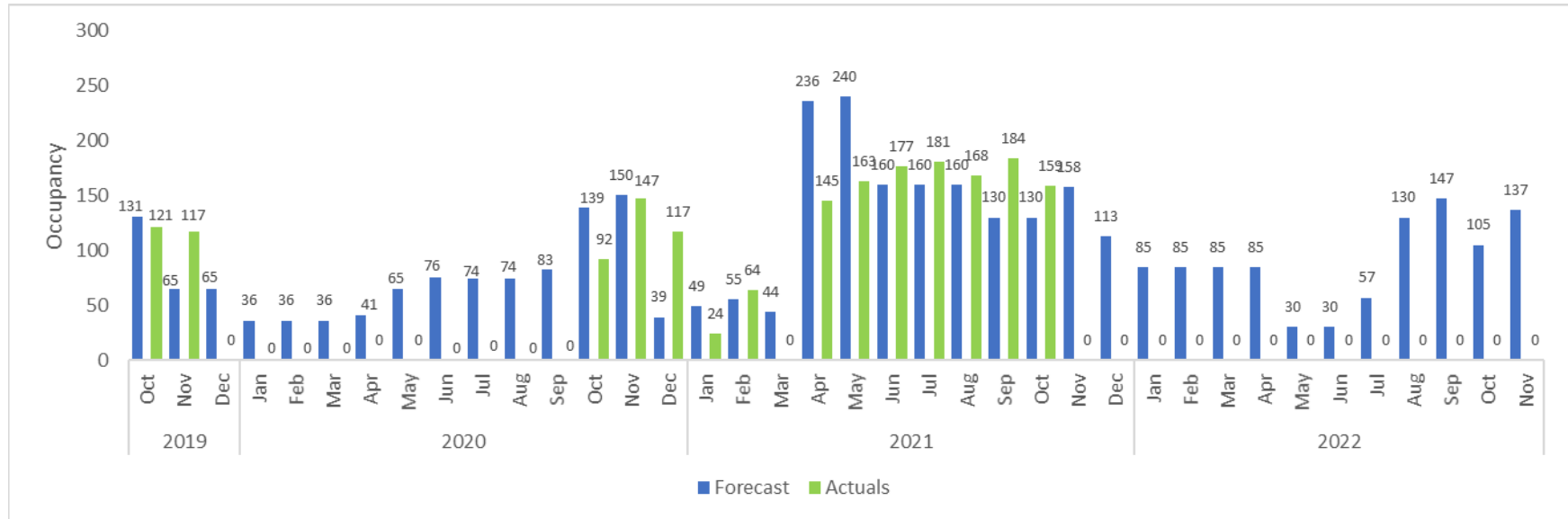
P2 Lodge (Section 8): planned vs actual peak occupancy



Notes:

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