



SEEMP Status Report No. 9

December 2022 to May 2023

CGL4703-CGP-SE-RPT-0049

Issued for Use

Revision 0

June 15, 2023

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 ninth SEEMP reporting period, December 2022 to May 2023 (the reporting period), Coastal GasLink continued to monitor and collaborate with potentially affected communities regarding various socio-economic components including health care services, housing, road use and waste management. As construction nears completion, initiatives to support employment transition continue in collaboration with local WorkBC Centres. There were no observed effects attributable to Coastal GasLink on regional and community infrastructure and services that would change the predictions of the socio-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 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 ninth SEEMP status report. It describes SEEMP implementation between December 2022 and May 2023. 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
7	December 2021 – May 2022	June 2022
8	June – November 2022	December 2022
9	December 2022 – May 2023	June 2023

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 liquefied natural gas facility in Kitimat was announced by the joint venture participants of LNG Canada. Construction activities began on Coastal GasLink in December 2018 with construction completion planned in 2023.

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

- Aecon Group Inc. (Aecon)
- Ledcor Haisla Limited Partnership (LHLP)
- Macro Spiecapag Joint Venture (MSJV)
- Macro Pipelines Inc. (Macro)
- Michels Canada (Michels)
- O.J. Pipelines Canada Partnership (OJ Pipelines)
- SA Energy Group (SA Energy)
- Surerus Murphy Joint Venture (SMJV)

Figure 2-1: Coastal GasLink Pipeline Project Corridor Map



2.1. PROJECT CONSTRUCTION UPDATE

As of April 2023, overall progress including engineering, procurement and construction activities was approximately 88%. During the reporting period, the Project's workforce peaked with over 6,000 workers active across the project corridor.

Spring breakup refers to the time of year when field construction work is reduced due to melting snow and thawing ground conditions. Consequently, seasonal layoffs take place and the Project's workforce is typically reduced between April and June each year.

Highlights during the reporting period included the following:

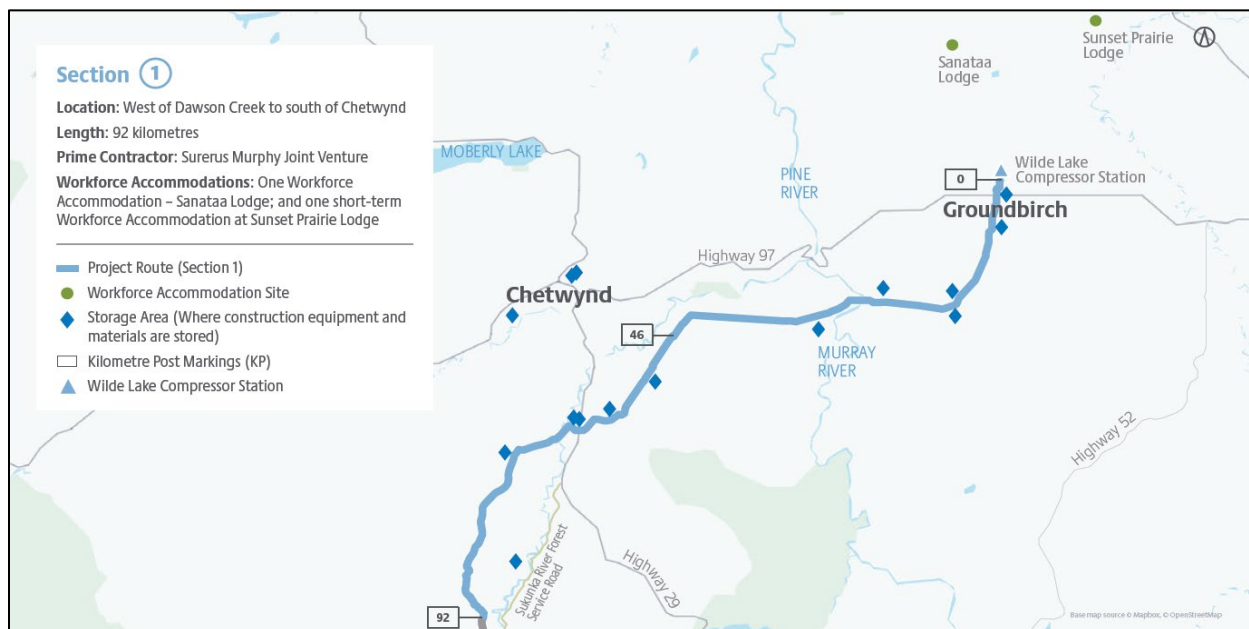
- In February 2023, the Clore River crossing in Section 8 was completed.
- On March 27, 2023, natural gas was introduced into the Wilde Lake Compressor Station in Section 1 as part of facility testing and commissioning.
- In March 2023, reclamation at the former Vanderhoof Lodge workforce accommodation site in Section 4 was completed and the land was handed back to the District of Vanderhoof.
- In May 2023, the micro-tunneling phase at the Morice River crossing in Section 7 was completed. Pipe installation at the crossing will take place during summer 2023.

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

Clearing, grading and pipe installation are complete in Section 1. On December 16, 2022, Section 1 achieved mechanical completion in preparation of pipeline commissioning. Erosion and sediment control activities continued as hydrostatic testing, mainline block valve installation and clean-up activities were completed.

In January 2023, the Project’s Chetwynd office was demobilized and ceased operations.

Figure 2-2: Section 1 Map

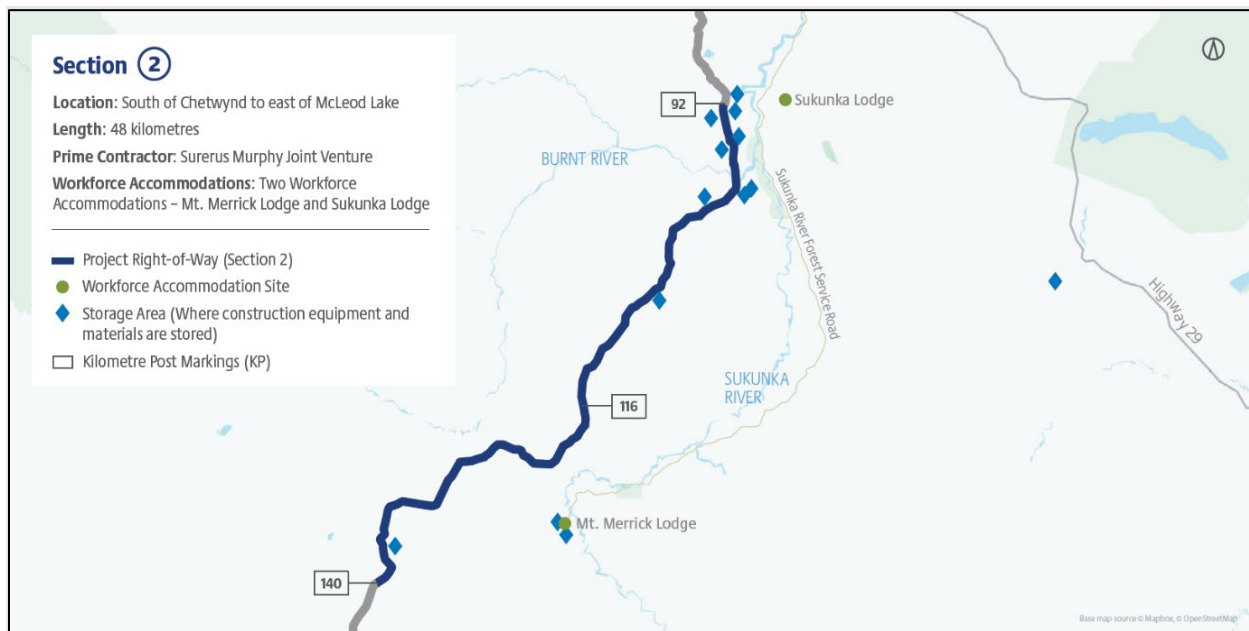


2.1.2 Section 2: South of Chetwynd to East of McLeod Lake
Prime Contractor: SMJV

As of April 2023, 100% of the project corridor was cleared and graded in Section 2. Approximately 99% of pipe installation was completed. During the reporting period, mechanical installation progressed through the Mount Merrick special section. Erosion and sediment control activities continued.

In January 2023, the Mount Merrick Lodge was temporarily deactivated with plans for Coastal GasLink to resume occupation in May 2023.

Figure 2-3: Section 2 Map

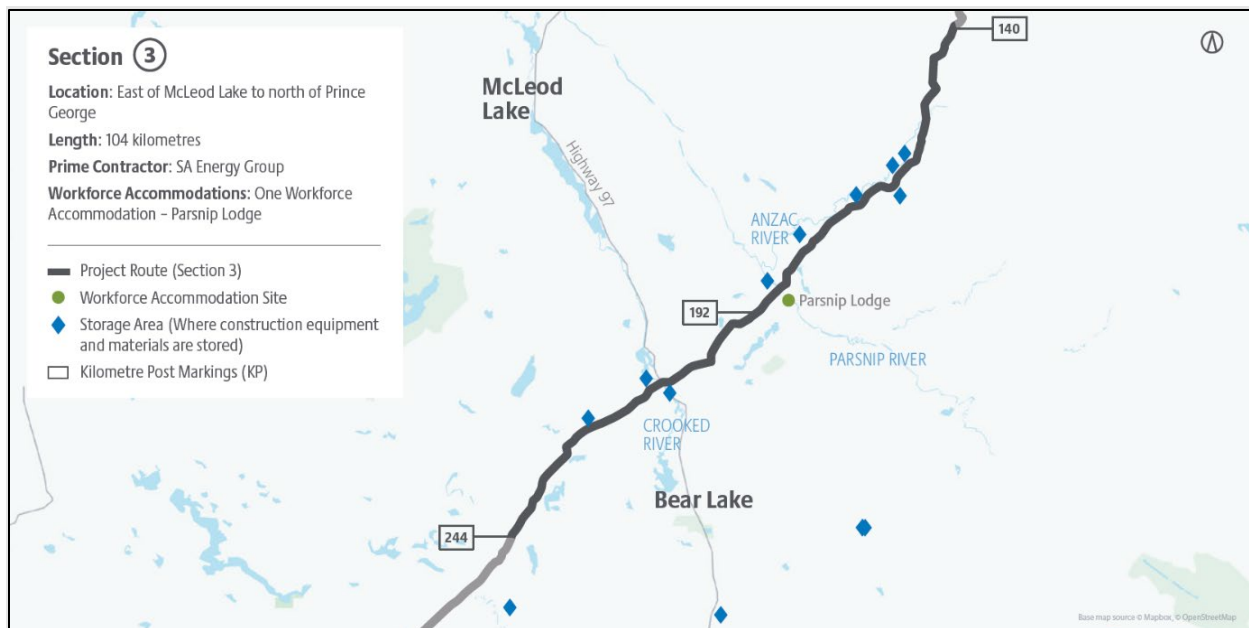


2.1.3. Section 3: East of McLeod Lake to North of Prince George
Prime Contractor: SA Energy

As of April 2023, 100% of the project corridor was cleared in Section 3. Approximately 99% was graded and 89% of pipe installation was completed. SA Energy conducted access work including grading and blasting at the Headwall special section. Other grading, blasting, access and mainline installation activities were ongoing at various locations. Erosion and sediment control activities continued.

In May 2023, the Parsnip Lodge was expanded (Parsnip Lodge B) to accommodate additional personnel in summer 2023.

Figure 2-4: Section 3 Map

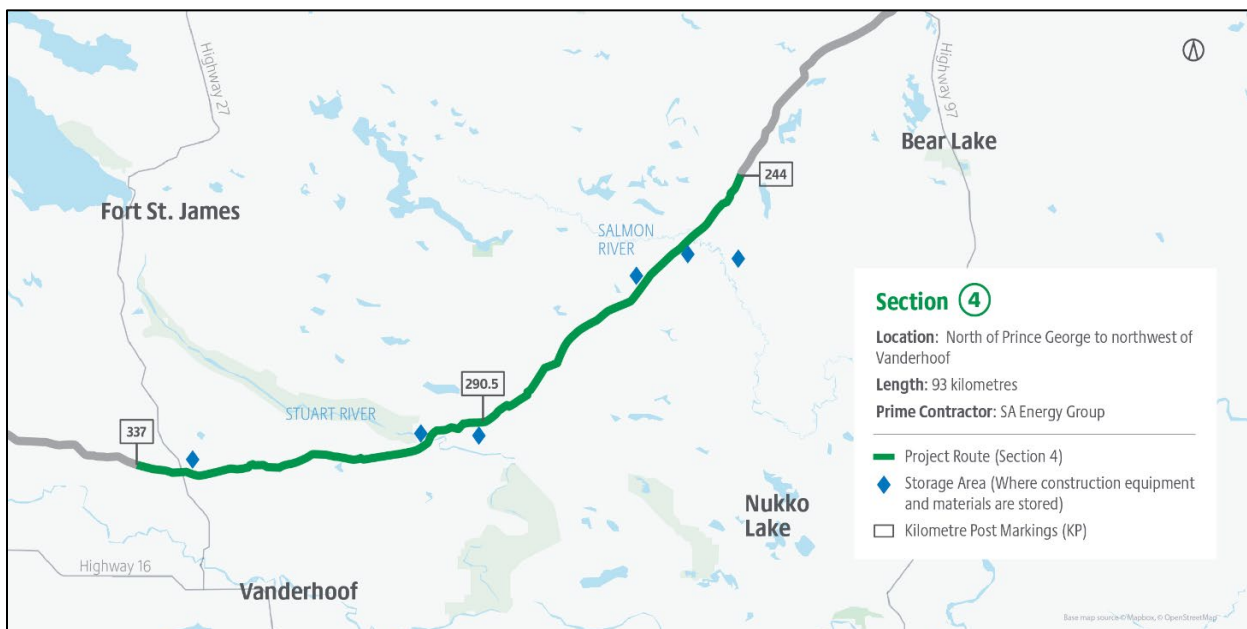


2.1.4. Section 4: North of Prince George to Northwest of Vanderhoof
Prime Contractor: SA Energy

Clearing, grading and pipe installation are complete in Section 4. Access road development, final clean-up activities and electrical/instrumentation installation at the Racoon Lake and Clear Creek valve sites continued. Erosion and sediment control activities continued.

In March 2023, reclamation at the former Vanderhoof Lodge workforce accommodation site in Section 4 was completed and handed back to the District of Vanderhoof.

Figure 2-5: Section 4 Map



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

As of April 2023, 100% of the project corridor was cleared and graded in Section 5. Approximately 97% of pipe installation was completed. In January 2023, construction activities at Fraser Cliff were completed. In February 2023, two mainline block valve installations were completed with a third installation underway. Work continued at the Endako River crossing. Erosion and sediment control activities continued.

Figure 2-6: Section 5 Map



2.1.6. Section 6: South of Burns Lake to South of Houston
Prime Contractor: Michels

As of April 2023, 100% of the project corridor was cleared and graded in Section 6. Approximately 98% of pipe installation was completed. Significant progress of mainline installation activities continued during the reporting period, including road crossings and hydrostatic testing. Erosion and sediment control activities continued.

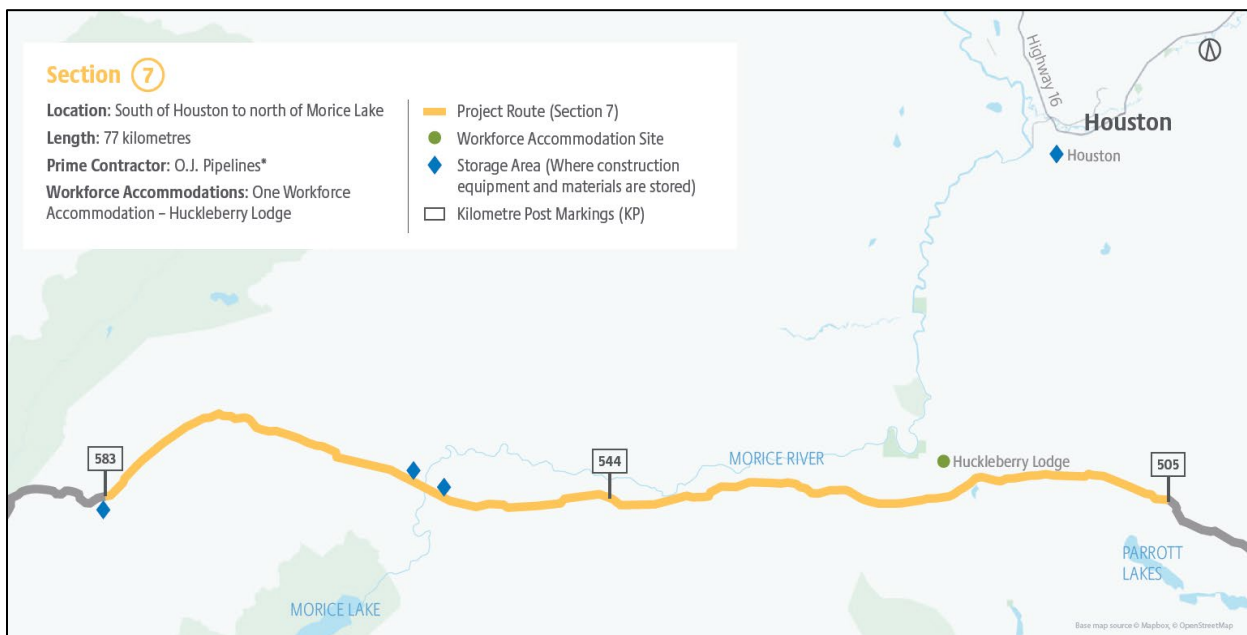
Figure 2-7: Section 6 Map



2.1.7. Section 7: South of Houston to North of Morice Lake
Prime Contractor: OJ Pipelines

As of April 2023, 100% of the project corridor was cleared in Section 7. Approximately 99% was graded and 69% of pipe installation was completed. In February 2023, pipe installation and site restoration at Crystal Creek were completed. In May 2023, the micro-tunneling phase at the Morice River crossing was completed, with pipe installation scheduled to be completed in summer 2023. Mainline activities continued, including grading, ditching, lowering-in, backfilling and block valve installation. Erosion and sediment control activities continued.

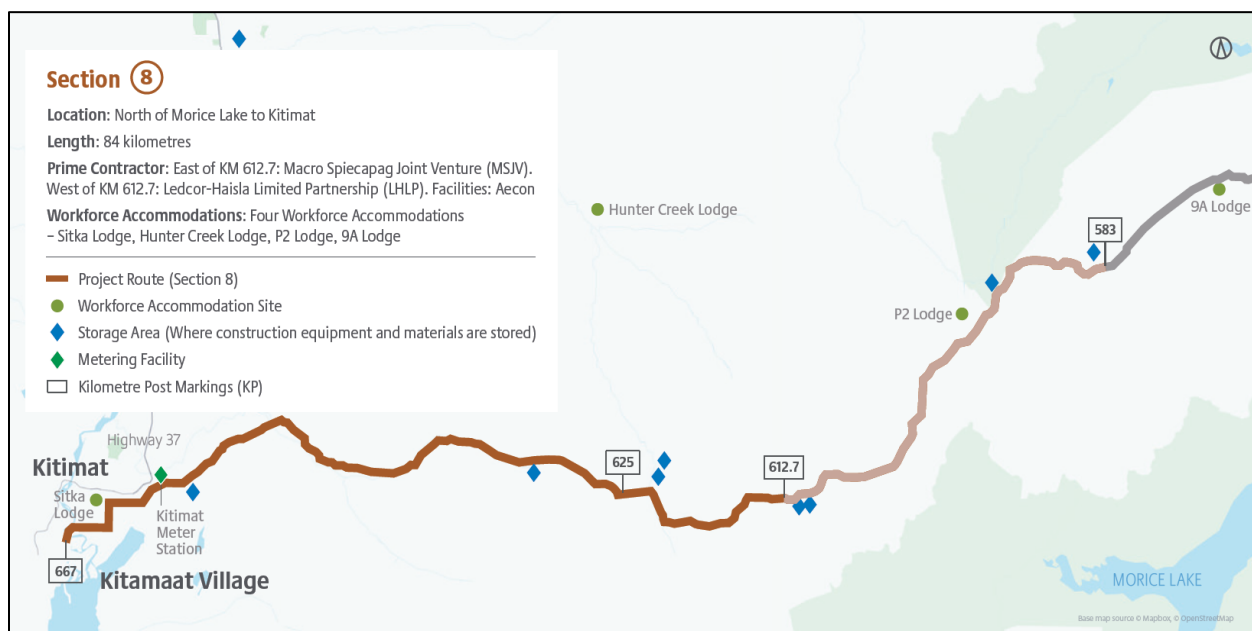
Figure 2-8: Section 7 Map



2.1.8. Section 8: North of Morice Lake to Kitimat
Prime Contractors: LHLP, MSJV

As of April 2023, 100% of the project corridor was cleared in Section 8. Approximately 99% was graded and 94% of pipe installation was completed. In February 2023, the Clore River crossing in Section 8 was completed. Mainline installation activities including multiple watercourse crossings were progressed. Mainline activities at the Kitimat townsite, Cable Crane Hill, a glaciomarine clay area and multiple steep slope sites throughout Section 8 continued. Erosion and sediment control activities continued.

Figure 2-9: Section 8 Map



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

On December 21, 2022, the Wilde Lake Compressor Station achieved mechanical completion. On March 27, 2023, natural gas was introduced into the Wilde Lake Compressor Station for the first time as part of facility testing and commissioning. Final construction walkdowns and pre-startup safety reviews for the portion of the site that received natural gas were completed. The facility heating system was activated to eliminate use of temporary heaters on site.

Construction of the Kitimat Meter Station in Section 8 was completed in 2021 and the facility has been 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.

During SEEMP engagement, SEEMP contacts discussed employment and contracting, education and training, emergency management planning, health care services, social services, workforce accommodations, waste management and transportation infrastructure.

3.1. PROJECT ENGAGEMENT

Coastal GasLink continued engagement with Indigenous groups regarding Project-related activities, commitments and topics of interest. During the reporting period, Coastal GasLink held 202 meetings with Indigenous groups, including:

- 1 Indigenous Leaders meetings
- 10 site visits/flyovers
- 5 community meetings
- 14 liaison committee meetings
- 102 consultation and engagement meetings
- 38 education, training and community investment meetings
- 32 occasions for participation in Indigenous community or cultural events

Coastal GasLink presented to municipal council and regional district board meetings on 8 occasions during the reporting period, bringing the total to 89 presentations since October 2018. Coastal GasLink held an additional 22 engagement meetings with local governments and chambers of commerce separate from SEEMP engagement meetings during the reporting period. Newspapers, radio, Project website updates and social media were used to inform local communities about regional construction activities.

In addition to engagement activities, Coastal GasLink continued to share Project information through its website, [CoastalGasLink.com](https://www.coastalgaslink.com). 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 28 SEEMP contacts including 10 Indigenous groups, 8 local governments and 10 provincial agencies. 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 organizations 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	BC Emergency Health Services
Dark House (Yex T'sa Wilk'us)	City of Fort St. John	BC Energy Regulator
Doig River First Nation	City of Prince George	BC Environmental Assessment Office
Haisla Nation	City of Terrace	Ministry of Children and Family Development
Halfway River First Nation	District of Chetwynd	Ministry of Education and Child Care – Capital Management Branch
Kitselas First Nation	District of Fort St. James	Ministry of Emergency Management and Climate Readiness
Lheidli T'enneh First Nation	District of Houston	Ministry of Forests – Regional Economic Operations Branch
McLeod Lake Indian Band	District of Kitimat	Ministry of Health – Health Protection Integration and Engagement
Nadleh Whut'en First Nation	District of Mackenzie	Ministry of Housing
Nak'azdli Band (Nak'azdli Whut'en)	District of Tumbler Ridge	Ministry of Indigenous Relations and Reconciliation
Nee-Tahi-Buhn Band	District of Vanderhoof	Ministry of Jobs, Economic Development and Innovation
Office of the Hereditary Chiefs of the Wet'suwet'en (Office of the Wet'suwet'en)	Peace River Regional District	Ministry of Municipal Affairs
Saik'uz First Nation	Regional District of Bulkley-Nechako	Ministry of Post-secondary Education and Future Skills
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 (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

- Coastal GasLink continued to maintain a database of businesses interested in participating in procurement opportunities.
- Coastal GasLink continued to work with Indigenous groups that have contracts associated with the Project to accurately understand the financial benefit that they receive from contract awards.
- Coastal GasLink held Contracting and Employment Task Force (CETF) meetings with local Indigenous groups 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 groups with planning and logistical support from Coastal GasLink. The CETF meetings focus on pipeline construction and related Prime Contractor employment and contracting items and function as subcommittees of the broader Indigenous Leaders meetings Coastal GasLink hosts for the 20 Agreement-holding First Nations. As of March 31, 2023, 60 CETF meetings have been held since the CETF began in March 2021. Seven pipeline construction Prime Contractors and all 20 First Nations have participated in at least one of these work-package specific discussions. To align to the anticipated schedule for the Indigenous Leaders Meetings in 2023, Coastal GasLink has indicated to the Task Force participants that the frequency of the Task Force meetings will be reduced in 2023.
- In April 2023, Coastal GasLink contributed to and attended the Independent Contractors and Businesses Association gala in Vancouver.
- Further to the identified potential adverse effect on an Indigenous or local business's ability to participate in the subcontracting process, Table 4-1 shows the available data on Indigenous and local contract award values to March 2023. The Indigenous category

includes contract awards made to local Indigenous and local non-Indigenous businesses that are working together on Coastal GasLink.

Table 4-1: Indigenous and Local Subcontract Award Values to March 2023

Business Type	Subcontract Award Value ¹	Percentage of Total Subcontract Award Value ²
Local (B.C.)	\$1.74 billion	84%
Indigenous ^{3,4}	\$1.41 billion	68%
<p>Notes:</p> <p>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 future phases of work commence.</p> <p>² The percentage calculation changed from SEEMP Status Report No. 8 to be based on the total value of subcontracts (\$2.08 billion) available and awarded by Coastal GasLink and Prime Contractors to Indigenous and B.C. businesses. This amount does not include the 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.</p> <p>³ The Indigenous category is a subset of the Local (B.C.) category; therefore, it is important not to double-count award values between these two categories.</p> <p>⁴ The Indigenous category includes contract awards made to local Indigenous businesses and those 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.</p>		

4.1.2. Mitigation Effectiveness in the Reporting Period

Local contracting opportunities were made available during the reporting period. Between November 2022 and March 2023, Coastal GasLink and Prime Contractors awarded \$4.62 million in contracts to local businesses. The total value of contracts awarded by Coastal GasLink and its Prime Contractors for the construction phase is approximately \$2.08 billion. Table 4-1 provides additional detail on the value and percentage of these awards that were made to local (including Indigenous) businesses. 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, Indigenous groups and members of the media.
- Coastal GasLink maintained membership with 12 northern B.C. chambers of commerce in communities along the project corridor.
- During the reporting period, Coastal GasLink continued to develop its list of B.C. businesses who have expressed interest and qualified for the Project's operations phase vendor database.
- In December 2022, Coastal GasLink contributed to the Mackenzie Chamber of Commerce's annual fundraising auction event.
- In January 2023, Coastal GasLink contributed to and attended the 20th Annual BC Natural Resources Forum in Prince George. The annual forum hosts federal, provincial, local government and Indigenous leaders with attendance from resource developers and associated service providers.
- In February 2023, Coastal GasLink supported the Vanderhoof Chamber of Commerce annual general meeting.
- In March 2023, Coastal GasLink contributed to and attended the BC Chamber of Commerce's annual Premier and Cabinet Luncheon in Victoria.
- In March 2023, Coastal GasLink contributed to and attended the Regional District of Bulkley-Nechako's Business Forum in Telkwa as an industrial project panel speaker.
- In April 2023, Coastal GasLink contributed to and attended the First Nations Major Projects Coalition Values Driven Economy Conference in Vancouver.
- In April 2023, Coastal GasLink supported the Prince George Chamber of Commerce political breakfast series.
- In May 2023, Coastal GasLink contributed to and attended the TrueNorth 2023 Business Development Forum hosted by the Prince George Chamber of Commerce.
- In May 2023, Coastal GasLink contributed to and attended the BC Chamber of Commerce 71st annual general meeting hosted in Whistler, B.C.

4.2.2. Mitigation Effectiveness in the Reporting Period

During the reporting period, Coastal GasLink continued to participate in local business development events to collaborate and share regional economic development opportunity information with Indigenous groups, local communities and chambers of commerce across the project corridor. Community feedback about effects from the Project's construction on the local economy remained positive. Coastal GasLink continues to work with Indigenous groups and

local governments 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.
- Coastal GasLink's employment continuity initiative is a single point of contact (SPOC) for local and Indigenous workers transitioning from the Project who are seeking re-employment opportunities. In collaboration with the individual, the SPOC provides information about other Project employment opportunities, external hiring contacts (WorkBC, industry, associations) and education/training opportunities. Individuals that choose to participate in this initiative are not guaranteed employment. Since January 2022, 105 individuals have registered with the Employment Continuity Program and the SPOC has successfully contacted all but six individuals that have provided contact information. Of the 74 individuals that were available for work, 10 individuals declined an offer of training and employment and 32 individuals have been re-hired by Coastal GasLink's Prime Contractors or their subcontractors. Success through the employment continuity initiative is approaching 60%.
- In support of regional WorkBC Centres, during the fourth quarter of 2022 and the first quarter of 2023 Coastal GasLink continued to provide the Ministry of Social Development and Poverty Reduction (MSDPR) with a three-month look-ahead of anticipated Prime Contractor employment opportunities. The look-ahead provides information on Prime Contractor key activities and hiring timeframes, types of positions available and contact information for resume or application submissions. Coastal GasLink is committed to continuing to provide anticipated employment opportunities on a quarterly basis to MSDPR. Additionally, Coastal GasLink and MSDPR collaborated to host a virtual information session for Region 4 WorkBC Centres in April 2023.
- In March 2023, Coastal GasLink and TC Energy collaborated with the BC Construction Foundation and Blueberry River First Nation to offer the Skykeepers Indigenous Women's Employment Readiness program. Nine women graduated from the program.
- In March 2023, Coastal GasLink participated in a job fair hosted by Saulteau First Nations.
- In March 2023, Coastal GasLink participated in a job fair hosted by Witset First Nation.

- In March 2023, Coastal GasLink and OJ Pipelines connected with the District of Houston to share employment application information in response to the closure of the local Canfor sawmill.

4.3.2. Mitigation Effectiveness in the Reporting Period

During the reporting period, Coastal GasLink continued to implement the employment continuity initiative which has supported 105 individuals, participated in local job fairs and supported various regional skilled labour force training initiatives. Coastal GasLink and its Prime Contractors continue to support Indigenous and local hiring 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 the 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 \$1.47 million through post-secondary partnership agreements and over \$1.2 million 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 \$1.09 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 670 scholarships and bursaries to post-secondary institutions in northern B.C., with 311 awarded to students identifying as Indigenous.
- The TC Energy Scholarship Program accepted applications between February and May 2023. The program offers scholarships to students across three categories including Indigenous

Legacy, STEM and Trades. Following the application review period, further scholarship awards information will be made available in 2023.

- During the reporting period, Coastal GasLink sponsored five scholarships and three bursary awards through the New Relationship Trust, a non-profit organization created to advance First Nations' education goals in B.C.
- In December 2022, Coastal GasLink collaborated with UNBC to deliver capacity development training to local representatives from First Nations communities. Twenty-four Indigenous participants completed the Indigenous Entrepreneur micro-credential, 15 Indigenous participants completed Proposal Writing and Indigenous Economic Development courses and 15 completed a Project Management Fundamentals course.
- In March 2023, Coastal GasLink contributed to community training for citizens of Lheidli T'enneh First Nation. Training included industry safety certifications and personal development for 12 trainees.
- In April 2023, Coastal GasLink supported Occupational First Aid Level 3 training to 12 Witset First Nation community members.

4.4.2. 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 continues to work with Indigenous groups and local communities on education and training initiatives. As construction activities reach completion, training initiatives available through Coastal GasLink will shift from Project construction to legacy-related opportunities.

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.
- Coastal GasLink continued to provide medical services on site to treat Project personnel outside of the local health care system. As an alternative to local ambulance use, vehicle transport is provided for injured employees requiring treatment beyond the level provided on site.

- Coastal GasLink continued to collaborate with the Northern Health Authority (Northern Health), the Project's central point of contact for coordination with local emergency and health care service providers.
- In preparation for pipeline operations emergency response planning, Coastal GasLink initiated stakeholder engagement including presentations to local service providers located in Sections 1 and 2.
- In December 2022, Coastal GasLink supported the Chetwynd Volunteer Fire Department toward the purchase of rescue medical equipment.
- In December 2022, Coastal GasLink provided support to the Town of Smithers for the purchase of a rescue combination tool used in road rescue situations.
- In April 2023, Coastal GasLink contributed to and attended the Network of Emergency Support Services Teams (NESST) conference in Prince George. The annual NESST conference is a platform for emergency support services volunteers, emergency management personnel, Indigenous/First Nations representatives and emergency response organizations to build connections and share knowledge of how to work together during a disaster situation.
- In May 2023, Coastal GasLink conducted a meeting with District of Kitimat emergency services to introduce plans for pipeline operations emergency response and discuss upcoming emergency planning engagement with residents and property owners.
- In May 2023, smoke from a wildfire caused by a lightning strike approximately 1 km west of the project corridor in Section 3 was observed by SA Energy crews from the Crocker forestry service road. Local authorities were notified of the fire. SA Energy implemented the Wildfire Response Plan, cleared a path to the fire area, contained and extinguished the small fire. BC Wildfire Service felled the single tree that had been struck with lightning to ensure the area was safe.

4.5.2. Mitigation Effectiveness in the Reporting Period

During the reporting period, Coastal GasLink continued to collaborate with local communities and service providers on pipeline operations emergency response planning. Coastal GasLink also continued to provide transport for Project workers who have experienced occupational injuries and collaborate to minimize potential effects on local ambulance transfer services. Mitigation measures were deemed effective and no long-term or permanent direct adverse effects on local emergency services were observed.

4.6. COMMUNITY UTILITIES AND SERVICES: HEALTH CARE SERVICES

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

- increased demand on health care services

4.6.1. Activities

- No industry-related COVID-19 updates were issued by the B.C. Provincial Health Officer during the reporting period. In March 2023, Northern Health's Statement of Expectations for industrial site COVID-19 reporting expired and has not been renewed.
- 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, 63 Safety Alerts were issued related to safety topics such as avalanche safety, radio use on forestry service roads, driver safety, wildlife encounters and safe equipment operation practices.
- During the reporting period, Coastal GasLink collaborated with Northern Health to confirm that both the 7 Mile Lodge in Section 6 and the Huckleberry Lodge in Section 7 are equipped with 24-hour health clinic services. On-site Nurse Practitioners are available on Sundays to mitigate potential workforce presentations at local health care facilities. The 7 Mile Lodge and Huckleberry Lodge provide accommodations for workers conducting construction activities in the Burns Lake area.
- In April 2023, Coastal GasLink contributed to Hope Air for the Give Hope Wings 2023 fundraiser. Hope Air is a national charity that provides travel and accommodations for Canadians in financial need who must access medical care a significant distance from home.
- As of May 2023, Coastal GasLink employed 80 medical professionals across the project corridor to provide health care services to the workforce.

4.6.2. Project Injuries

During the reporting period, Coastal GasLink reached a peak workforce of over 6,000 personnel. In the same period, 20 injuries occurred requiring workforce use of local health care services as described 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 Service.

Table 4-2: Incidents Requiring Local Health Care

Date	Incident Description	Ambulance Transfer Required	Treatment Location	Treatment Duration
December 2022	Worker pinched finger in pipe clamp resulting in bruise.	No	Bulkley Valley District Hospital (Smithers)	Assessment ~1 hour
December 2022	Worker was struck by tool while removing lowbed trailer wheel and received laceration.	Yes	University Hospital of Northern B.C. (Prince George)	Stitches ~1.5 hours
December 2022	Worker exiting truck bed fell and fractured wrist.	No	Burns Lake Medical Clinic	X-ray and assessment ~2 hours
December 2022	Worker fell lifting equipment and twisted knee.	No	Bulkley Valley District Hospital (Smithers), Kitimat General Hospital and Health Centre	X-ray and assessment ~1.5 hours
December 2022	Worker slipped and sprained knee while exiting machine equipment.	No	Houston Health Centre	X-ray and assessment ~1.5 hours
December 2022	Worker removing generator cables from snow received an electrical shock. No injury was sustained.	No	Bulkley Valley District Hospital (Smithers)	Assessment ~1 hour
January 2023	While mechanically loading rig mats onto trailer, a worker was struck in the shin suffering tibia fractures.	Yes	Bulkley Valley District Hospital (Smithers), University Hospital of Northern B.C. (Prince George)	Fracture setting ~3 hours
January 2023	Worker slipped while descending stairs and suffered broken ankle.	No	University Hospital of Northern B.C. (Prince George)	X-ray ~1 hour
January 2023	Worker pinched finger in side-boom machine counterweight.	No	University Hospital of Northern B.C. (Prince George)	Stitches ~2 hours
January 2023	Skid sloop fell and contacted worker's foot resulting in a broken bone.	No	Burns Lake Medical Clinic	X-ray and casting ~2 hours
January 2023	Worker fell while walking on frozen ground and felt pain in hand.	No	Houston Health Centre	X-ray and assessment ~1.5 hours
February 2023	Worker strained arm while cutting tire chains.	No	University Hospital of Northern B.C. (Prince George)	Assessment ~1.5 hours

Date	Incident Description	Ambulance Transfer Required	Treatment Location	Treatment Duration
February 2023	Worker experienced cold weather exposure on fingers while loading blasting powder.	No	University Hospital of Northern B.C. (Prince George)	Assessment ~3 hours
March 2023	During offloading, a whaler beam slipped from machine bucket and contacted a worker's foot.	No	University Hospital of Northern B.C. (Prince George)	X-ray and prescription medication ~2 hours
March 2023	Worker pinched and lacerated thumb while stowing a piece of conveyor equipment.	No	University Hospital of Northern B.C. (Prince George)	Stitches ~2 hours
March 2023	Worker's arm was struck by sandblaster media, causing a laceration.	No	University Hospital of Northern B.C. (Prince George)	Surgery ~4 hours
March 2023	Worker woke up with eye irritation and was assessed by on-site medics. Recommended for further assessment. Worker's eye was treated with local anaesthesia to remove an embedded particle.	No	Burns Lake Medical Clinic, Lakes District Hospital	Assessment and antibiotics ~1 hour
April 2023	Worker pinched finger while installing handrail on temporary staircase.	No	Mills Memorial Hospital (Terrace)	Stitches ~1.5 hours
April 2023	Worker fell and sprained ankle while collecting a water sample.	No	University Hospital of Northern B.C. (Prince George)	Assessment ~1 hour
May 2023	Worker rolled ankle while descending warehouse stairs.	No	Burns Lake Medical Clinic, Lakes District Hospital	X-ray and assessment ~1 hour

4.6.3. Mitigation Effectiveness in the Reporting Period

Since the beginning of construction in December 2018 through May 2023, the Project's workforce has accrued over 48.8 million workhours with workers spending approximately 429.5 hours in local healthcare facilities across the project corridor related to 230 workplace incidents. During this reporting period, workers spent approximately 35 hours in local healthcare facilities related to 20 workplace incidents.

In collaboration with Northern Health, Coastal GasLink and its health services provider, International SOS, continued to implement mitigation for potential effects from the Project's workforce on local health care service providers. Coastal GasLink continued to follow provincial health guidelines to ensure the safety of the workforce and local communities.

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 demand at the Project's workforce accommodations to ensure adequate services are available. Residents are encouraged to use Wi-Fi to minimize effects on local cellular services. See Appendix D for details.
- Coastal GasLink's workforce accommodations and worksites continued the Project's bottle recycling donation program to reduce waste. During the reporting period, proceeds from the program were donated to 25 non-profit/charitable organizations across the project corridor associated with services like food security, seniors housing and health care. See Section 4.8.1 for additional information related to the bottle donation program.
- In December 2022, Coastal GasLink supported Doig River First Nation's holiday celebrations including a community dinner at the band hall, gifts for children and elders and food hampers for families.
- In December 2022, Coastal GasLink committed to a legacy partnership with the North Peace Community Foundation in Fort St. John to establish the TC Energy Endowment Fund which will provide grants and funding opportunities for charitable/non-profit organizations in B.C.'s North Peace Region.
- In January 2023, Coastal GasLink contributed to the Bulterys Community House in Dawson Creek which provides affordable accommodation for patients and their families who travel from outside the city to receive treatment and care at local facilities. Coastal GasLink also supported the Bulterys Community House grand opening event in March 2023.
- In February 2023, SMJV contributed to the Tansi Friendship Centre in Chetwynd. The Tansi Friendship Centre provides health and social programs such as a food bank, mental health/addictions counseling, youth activities and housing assistance.
- In April 2023, Coastal GasLink contributed to the Healing the Hoop Health and Wellness conference in Prince George, co-hosted by the Lheidli T'enneh First Nation and McLeod Lake Indian Band. The conference focused on training related to Indigenous knowledge and culture toward furthering personal development.

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

- See Appendix E for information related to the Project's construction waste volumes by region, destination and type.
- 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. During the reporting period, bottle donations from workforce accommodations to local organizations across the project corridor reached over \$100,000. To date, the program has raised more than \$300,000 in under two years.
- During the reporting period, in consideration of regional landfill capacity concerns in the Regional District of Fraser-Fort George (RDFFG), Regional District of Bulkley-Nechako (RDBN), Regional District of Kitimat-Stikine and the District of Kitimat, Coastal GasLink pursued an additional four waste discharge authorization applications through the BC Energy Regulator (BCER) for on-site burning of unrecyclable wood waste.
 - Section 3: Public comment period initiated in January 2023 with notices posted in the Prince George Citizen and BC Gazette.
 - Section 6: Public comment period initiated in October 2022 with notices posted in the Burns Lake Lakes District News, Houston Today and BC Gazette. In January 2023, the BCER approved the waste discharge authorization application.
 - Section 7: Public comment period initiated in March 2023 with notices posted in Houston Today and the BC Gazette. In April 2023, the BCER approved the waste discharge application.
 - Section 8 West: Public comment period initiated in August 2022 with notices posted in the Northern Sentinel, Houston Today and BC Gazette. In December 2022, the BCER approved the waste discharge authorization application.
- Project-related disposal of mixed waste at regional landfill facilities and recycling centres within the RDBN and RDFFG was identified as a topic requiring further information and monitoring during the reporting period. Coastal GasLink collaborated with the RDBN and impacted facilities/centres to understand requirements for sorting construction waste prior to disposal. In February 2023, a bulletin highlighting RDBN waste disposal guidelines was distributed to Prime Contractors and associated subcontractors.

- Geotextile materials composed of polypropylene plastic and used primarily for erosion and sediment control activities were acknowledged as a topic for mitigation in relation to regional landfill capacity. Coastal GasLink has engaged waste management staff with the RDBN and RDFFG to understand potential effects of geotextile disposal at landfill facilities. In February 2023, the RDFFG communicated that regional staff must wait for the spring melt prior to determining whether geotextile waste that has been shredded can be accepted. In March 2023, landfill facilities in the RDBN agreed to accept a reduced number of daily deliveries of Coastal GasLink's geotextile waste.
- In April 2023, the District of Vanderhoof contacted Coastal GasLink to enquire about a Project waste hauler delivering sewage from Little Rock Lake Lodge to local Vanderhoof facilities in early 2023. Based on feedback from Vanderhoof, Coastal GasLink re-directed sewage waste to the Village of Fraser Lake and the Village of Burns Lake facilities going forward.
- In May 2023, Houston reported the odour associated with Coastal GasLink's wastewater deliveries to local facilities had reoccurred. It was determined that an equipment failure at the P2 Lodge in Section 8 had caused a short-term disruption to implementation of the additive used to mitigate odours. The equipment was successfully repaired and mitigation restored the same day the report occurred.

4.8.2. Mitigation Effectiveness in the Reporting Period

In response to regional landfill capacity constraints, Coastal GasLink continued waste discharge authorization applications through the BCER under the *Environmental Management Act* for the disposal of unrecyclable wood waste. During the reporting period, waste discharge authorizations were obtained for Sections 6, 7 and 8 West of the Project.

During the reporting period, Coastal GasLink identified potential effects of Project construction on regional landfill services. Through engagement with Regional District staff members, updated guidelines for waste sorting protocols were communicated to Prime Contractors and subcontractors. Effects of geotextile waste disposal at regional landfills were also mitigated through reducing the number of daily deliveries and consideration of shredding geotextiles into fragments prior to disposal. Coastal GasLink acknowledges local capacity constraints at waste disposal facilities and will continue to collaborate with service providers to find alternate disposal sites as required. Coastal GasLink will continue to monitor and mitigate effects on local waste management facilities in collaboration with local governments 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.
- Coastal GasLink continued to pursue safe recreational opportunities in and around local communities for its workforce.
- During the reporting period, the Community Workforce Accommodation Advisor program facilitated multiple events and activities within the Project's workforce accommodations, including:
 - Indigenous Market events at the Wilde Lake Compressor Station and the Calgary TC Energy Tower to support local B.C. Indigenous artisans
 - hosting Indigenous arts and crafts events including dream catcher weaving, beading, traditional medicine making and bannock making
 - providing on-site recreation to the workforce including regular events like bingo and karaoke
 - 'Wet'suwet'en Wednesday' at Huckleberry Lodge to support cultural exchanges such as language lessons
- In December 2022, Coastal GasLink committed to a legacy partnership with Houston for the construction of a duck pond viewing platform.
- In December 2022, Coastal GasLink contributed to Vanderhoof's skating rink to provide free public skating to regional facility users for one year.
- In February 2023, Michels hosted a charity fishing derby in Burns Lake. The event raised over \$134,000 for local organizations in Burns Lake including the Burns Lake Search and Rescue Society, Colleymount Recreation Commission, Lakes District Festival Association, Lakes District Fair Association, Lakes Outdoor Recreation Society, the Board of Education of School District No. 91 (Nechako Lakes) and Tweedsmuir Recreation Commission.
- In March 2023, Coastal GasLink contributed to the Lakes District Senior Citizen Housing Association in Burns Lake toward the greenhouse gardening project that enhances senior's recreational activities.

4.9.2. Mitigation Effectiveness in the Reporting Period

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

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 seeks to engage representatives from the Ministry of Education and the Ministry of Post-secondary Education and Future Skills a minimum of twice a year to discuss potential adverse effects from the Project on the B.C. education system.
- In December 2022, Coastal GasLink contributed to the Groundbirch McLeod School in support of the hot lunch program.
- In December 2022, Coastal GasLink contributed to the Fraser Lake Public Library Association's LEGO Coding Club which supports the youth of Fraser Lake, Fort Fraser, Nadleh Whut'en First Nation and Stelat'en First Nation.
- In January 2023, the Project's Chetwynd office was demobilized and ceased operations. Supplies from the office including computers, smartboards and office furniture were donated to regional schools and organizations.
- In February 2023, Coastal GasLink participated in an event with SkilledTradesBC (formerly Industry Training Authority) in Dawson Creek at the NLC campus. A Project engineer working in the region shared her experience as a woman in the pipeline construction industry. Attendees included over 70 female secondary school students from Fort St. John, Dawson Creek, Chetwynd, Tumbler Ridge and Fort Nelson.

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 May 2023, Coastal GasLink contributed to and attended the North Central Local Government Association convention in Dawson Creek. Coastal GasLink staffed a tradeshow booth to engage with local government, stakeholders and industry peers.

4.11.2. Mitigation Effectiveness in the Reporting Period

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

4.12. COMMUNITY UTILITIES AND SERVICES: HOUSING AND COMMERCIAL ACCOMMODATIONS

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 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.
- As Project construction activities are completed across the project corridor, workforce accommodations that are no longer required to service remaining work fronts will be dismantled and cease operations. Temporary use sites associated with Coastal GasLink’s workforce accommodations will be remediated according to permitting requirements.
- In January 2022, the Mount Merrick Lodge workforce accommodation in Section 2 was temporarily deactivated. In May 2023, Mount Merrick Lodge was reactivated for the summer construction season.
- In May 2023, the Parsnip Lodge was expanded (Parship Lodge B) to accommodate additional personnel in summer 2023.

Table 4-3: Current Workforce Accommodation Locations

Current Workforce Accommodation	Nearest Municipality
7 Mile Road Lodge	Burns Lake
Sukunka Lodge	Chetwynd
Mount Merrick Lodge	Chetwynd
Sunset Prairie Lodge	Dawson Creek
Little Rock Lake Lodge	Fraser Lake
9A Lodge	Houston
Huckleberry Lodge	Houston

Current Workforce Accommodation	Nearest Municipality
P2 Lodge	Houston
Sitka Lodge	Kitimat
Hunter Creek Lodge	Kitimat
Parsnip Lodge A	Prince George
Parsnip Lodge B (mobilized May 2023)	Prince George

4.12.2. Mitigation Effectiveness in the Reporting Period

During the reporting period, Coastal GasLink continued to engage with communities to understand observed effects on local housing availability in cases of workforce movement throughout the region. To reduce potential effects on local rental and commercial accommodations during the upcoming summer construction season in Section 3, Parsnip Lodge was expanded to accommodate an increased number of personnel.

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 continues to maintain roads during construction for safety, ensuring they are passable.
- Three traffic notifications were issued during the reporting period including a road crossing notification in Section 6 and two road access restrictions in Section 7. Project-related road closure notifications were shared through the Project’s website, CoastalGasLink.com. Local newspapers, 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 effects on forestry roads.
- Coastal GasLink continued upgrading on several rural resource roads required for project corridor access.

- During the reporting period, Coastal GasLink continued to deploy in-vehicle monitoring systems (IVMS) in approximately 1,940 vehicles to enhance safe driving practices. IVMS provides real-time alerts, follow-up coaching and vehicle information verification.
- In January 2023, Coastal GasLink implemented a shuttle service for up to 56 workforce members commuting daily from Prince George to Parsnip Lodge in Section 4. The shuttle transport enhanced road safety in the local area and reduced traffic on local highways and forestry service roads. In February 2023, a second shuttle was added to Parsnip Lodge dedicated specifically to camp service personnel. In April 2023, the service was reduced to one shuttle in preparation for spring breakup.
- In March 2023, Coastal GasLink received concerns related to dusty and muddy conditions on the Endako Mines Road and numbered roads 31/32 related to construction activity in Section 5. In response, the regional Prime Contractor arranged equipment and certified traffic management to clean and water road segments, as needed.

4.13.2. Activities: Rail Traffic

- During the reporting period, Project-related rail traffic activities remained limited with low or nil effect on regional service capacity.

4.13.3. Activities: Air Traffic

- During the reporting period, the Project's workforce utilized regional air transportation services with no observed effects reported from local communities.
- In April 2023, Coastal GasLink contacted regional airports to solicit feedback on observed Project effects on local service capacity.

4.13.4. Mitigation Effectiveness in the Reporting Period

During the reporting period, mitigation related to safe road use continued to be implemented. Coastal GasLink continues to implement shuttle services for workers commuting from airports and workforce accommodations to the project corridor to reduce Project-related road traffic volumes.

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

- There were no notifications of work on non-schedule waterways issued during the reporting period. Coastal GasLink's active notification list can be found at [CoastalGasLink.com](https://www.coastalgaslink.com). Notifications are 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 during the reporting period. 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

During the reporting period, Coastal GasLink was found compliant by the BC EAO in two SEEMP inspections: one field-based and the other administrative. The field-based inspection included the Sukunka Lodge recreational facilities, while the administrative inspection was focused on the SEEMP reporting schedule. To date, Coastal GasLink has had six administrative and three field-based SEEMP inspections and was found fully compliant in all cases.

6.0 ADAPTIVE MANAGEMENT

Coastal GasLink continued to engage with Northern Health to understand and mitigate potential effects of the Project's workforce on local health care service capacity, particularly in the Burns Lake region. International SOS continues to promote on-site health care services available to the workforce to reduce potential use of local services. Coastal GasLink works to minimize local service gaps and has implemented a 24-hour response centre staffed by nurse practitioners to alleviate effects in the event of transfers to local health care facilities.

Coastal GasLink continued to monitor and mitigate potential effects on regional waste management facilities related to the disposal of construction-related waste during the reporting period. Implemented adaptive management included:

- communicated requirements for waste sorting to Prime Contractors and subcontractors prior to disposal at regional landfill facilities
- reduced daily deliveries and potential shredding of geotextile waste
- continued engagement with local service providers to address potential capacity constraints and adjust the Project's waste disposal destinations
- continued regulatory approvals process for on-site burning of unrecyclable wood waste in consideration of feedback received from local waste management facilities

During the reporting period, Coastal GasLink adjusted housing mitigation by expanding Parsnip Lodge to accommodate an increase in personnel anticipated in summer 2023. Coastal GasLink will continue to monitor and work with local governments to understand and limit potential effects on local accommodations.

Coastal GasLink continued to implement mitigation to enhance safe road use by responding promptly to road quality concerns and using shuttles to transport the workforce to and from construction work fronts. Project shuttles reduce potential construction traffic volumes and enhance safe transport for personnel and the public.

As construction advances, Coastal GasLink will continue to monitor mitigation effectiveness and collect feedback regarding direct adverse effects from construction activities. If corrective action is determined through ongoing monitoring, it will be identified in the reporting period the action is implemented.

7.0 CLOSING

During the reporting period, Coastal GasLink's workforce peaked with over 6,000 workers. Adaptive management approaches for health care services, waste management, housing and transportation infrastructure were considered. Adaptive management strategies led to implementation of additional mitigation to minimize observed adverse effects.

Coastal GasLink continues to monitor mitigation effectiveness in collaboration with SEEMP contacts and will adjust should the need arise. There have been no detectable adverse effects that would change the predictions of the socio-economic assessment.

SEEMP status reports are developed on a semi-annual basis as required by Condition #24 of the EAC. The next report will be submitted in December 2023.

The SEEMP provides a framework for Coastal GasLink to receive feedback and address concerns from potentially affected stakeholders and communities. Indigenous groups, local governments and provincial agencies 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	10543 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	3, 4, 5, 7
Workforce use of local businesses	5, 7
Contracting and employment	All sections
<i>Education and Training</i>	
Skills training initiatives	3, 5, 7
<i>Emergency, Health and Social Services</i>	
Emergency services and response planning	8
Health care services	5, 6, 7, 8
Social services	8
<i>Waste Management</i>	
Waste management capacity	3, 4, 5, 6, 7
<i>Accommodations</i>	
Workforce housing	3, 5, 7, 8
<i>Transportation</i>	
Driver safety	6, 7, 8
Project-related traffic volume	7, 8
Road quality/upgrading	6

Appendix B

SEEMP Mitigation Status Table

SEEMP Mitigation Status Table

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

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

SEEMP Mitigation Status Table

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. 	In Progress
	<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

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

SEEMP Mitigation Status Table

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
<i>Key Indicator: Health Care Services</i>			
<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. 	In Progress
	<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

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

SEEMP Mitigation Status Table

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

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

SEEMP Mitigation Status Table

POTENTIAL ADVERSE EFFECTS	REGULATORY REFERENCE	MITIGATION ¹	STATUS
<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"> Provide key personnel for the proposed Project with contact information and construction schedules for local and regional social service providers. 	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"> 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

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

SEEMP Mitigation Status Table

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"> Each construction site will be equipped with adequate garbage receptacles for solid non-hazardous wastes and debris. These materials will be collected, as required, and disposed of at approved locations. Food wastes will be stored in animal proof (bear-proof) containers and transported to an appropriate landfill site. 	In Progress
	<i>EA Table 15-18, 15-20, 15-22 and 15-24</i>	<ul style="list-style-type: none"> Receptacles for recycling various products (e.g., paper and aluminum) will be available at proposed Project construction yards and camps and will be hauled to appropriate recycling depots. 	In Progress
	<i>EA Table 15-18, 15-20, 15-22 and 15-24</i>	<ul style="list-style-type: none"> Communicate with local and regional landfill, transfer station and wastewater treatment operators to identify service gaps and resulting issues. 	In Progress
	<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
Key Indicator: Recreational Facilities			
<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. 	Complete
Key Indicator: Education Services			
<i>Increased demand for education services</i>	<i>EA Table 15-18, 15-20, 15-22 and 15-24</i>	<ul style="list-style-type: none"> Communicate with educational and training service providers well in advance of proposed Project construction regarding schedules, workforce, skills requirements and expected demands. 	Complete
Key Indicator: Government Services			
<i>Increased demand on government services</i>	<i>EA Table 15-18, 15-20, 15-22 and 15-24</i>	<ul style="list-style-type: none"> Communicate with government agencies well in advance of proposed Project construction regarding schedules, workforce and expected demands. Government agencies and services used will be specified when proposed Project details are finalized. 	Complete
Key Indicator: Housing and Commercial Accommodation			

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

SEEMP Mitigation Status Table

POTENTIAL ADVERSE EFFECTS	REGULATORY REFERENCE	MITIGATION ¹	STATUS
<i>Reduction in available rental housing and commercial accommodation</i>	<i>EA Table 15-18, 15-20, 15-22 and 15-24</i>	<ul style="list-style-type: none"> Communicate with hotel associations, commercial accommodation providers (i.e., campgrounds, hotels and motels, RV parks) and Chambers of Commerce when proposed Project construction schedules are known to ensure accommodation providers are able to plan for increased activity. 	Complete
	<i>EA Table 15-18, 15-20, 15-22 and 15-24</i>	<ul style="list-style-type: none"> Communicate with community representatives to assess the current housing availability and options for hosting worker’s families. 	In Progress
	<i>EA Table 15-18, 15-20, 15-22 and 15-24</i>	<ul style="list-style-type: none"> If accommodations are reserved for personnel of the proposed Project, and are determined not to be needed, request that the Contractor release the rooms. 	In Progress
	<i>EA Table 15-18, 15-20, 15-22 and 15-24</i>	<ul style="list-style-type: none"> Communicate with hotel associations, commercial accommodation providers (i.e., campgrounds, hotels and motels, RV parks) and Chambers of Commerce three months before construction, regarding known reasonably foreseeable future development and activities (Appendix 3-A), to understand and address potential overlaps and potential issues with a reduction in available rental housing and commercial accommodation. 	Complete
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. 	Complete
	<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

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

SEEMP Mitigation Status Table

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"> 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
	<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. 	Complete
<i>Key Indicator: Navigability of Waterways</i>			
<i>Disruption of movement on</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

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

SEEMP Mitigation Status Table

POTENTIAL ADVERSE EFFECTS	REGULATORY REFERENCE	MITIGATION ¹	STATUS
<i>navigable waterways</i>	<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. 	Complete
	<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. 	Complete

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

Appendix C

Diversity and Local Employment, November 2022 – April 2023

Percentage of Monthly Total Workforce by Diversity and Local Category, November 2022 – April 2023 ^{1, 2, 3, 4}

	Month	Indigenous	Women	Local	Total B.C.	Total Workforce
2022	November	671 (9.1%)	920 (12.5%)	1,033 (14.1%)	1,827 (24.9%)	7,335
	December	589 (8.3%)	820 (11.6%)	900 (12.7%)	1,575 (22.3%)	7,063
2023	January	681 (11.9%)	784 (13.7%)	880 (15.3%)	1,512 (26.3%)	5,739
	February	685 (11.4%)	827 (13.8%)	935 (15.6%)	1,642 (27.4%)	6,000
	March	664 (10.7%)	799 (12.8%)	894 (14.3%)	1,617 (25.9%)	6,233
	April	649 (11.1%)	799 (13.6%)	877 (14.9%)	1,600 (27.2%)	5,872

Notes:

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

² Data includes prime contractors, subcontractors, core employees, contingent workforce contractors and the Construction Monitoring and Community Liaison/Community Workforce Accommodation Advisor program workforce.

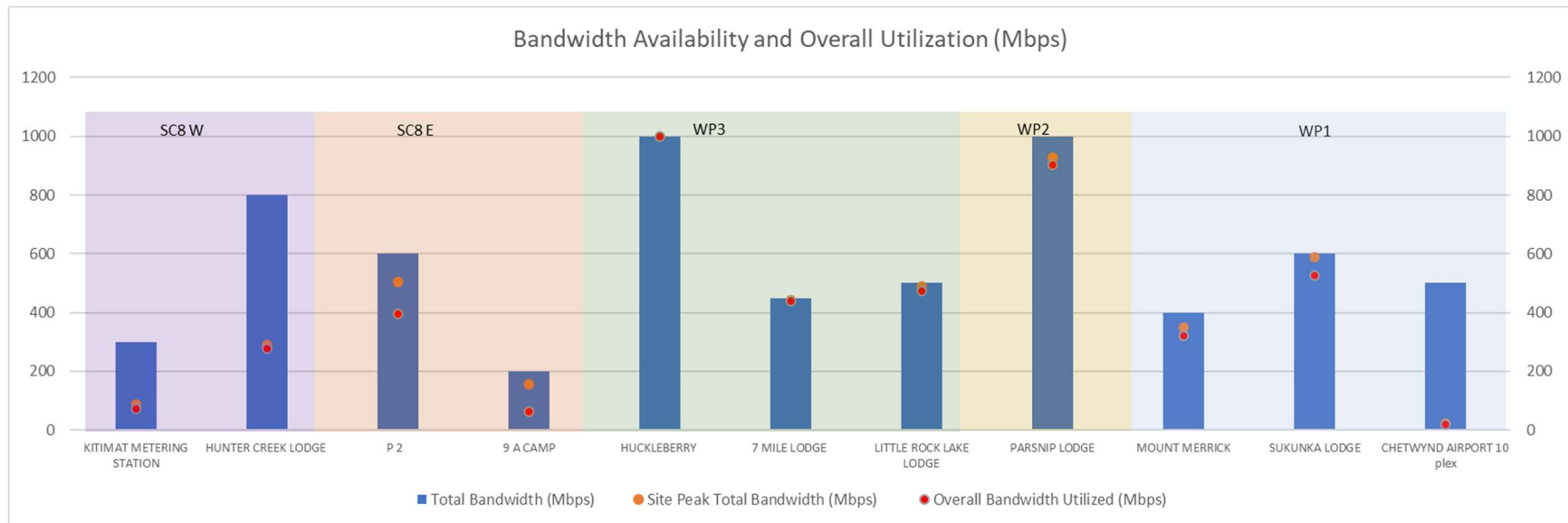
³ This information is subject to change and not to be considered an exhaustive census of the Project's workforce.

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

Appendix D

Workforce Accommodation Wi-Fi Utilization, December 2022 – May 2023

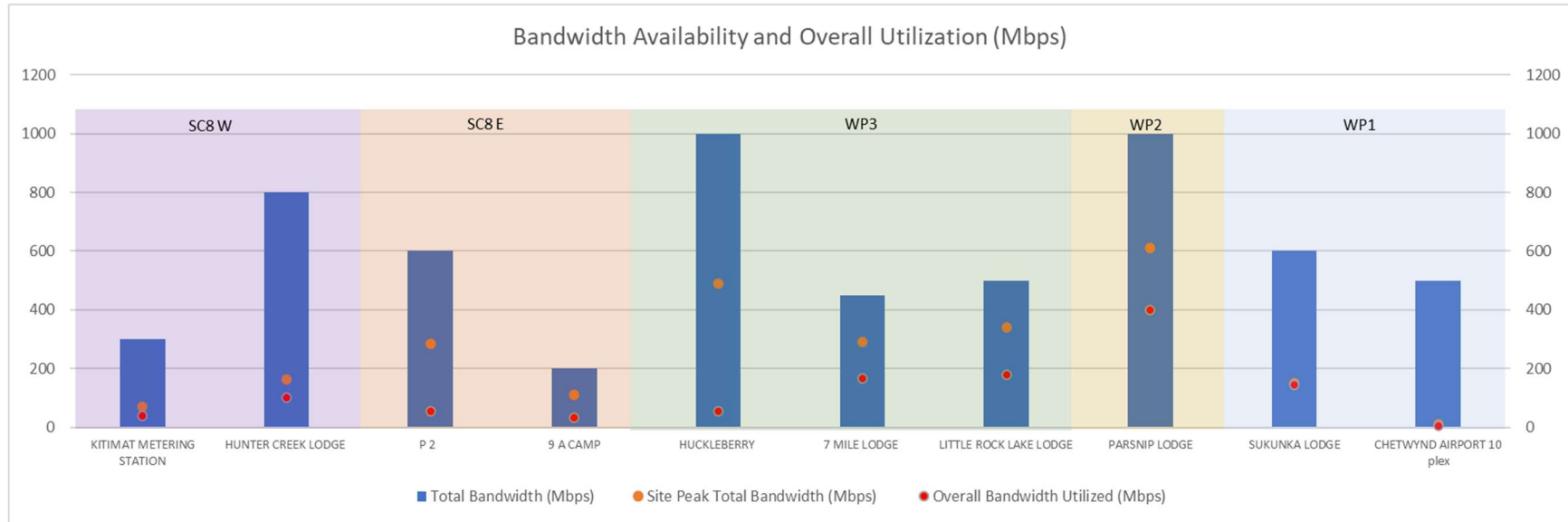
Workforce Accommodation Wi-Fi Availability and Overall Utilization, December 1 – 15, 2022



Notes:

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

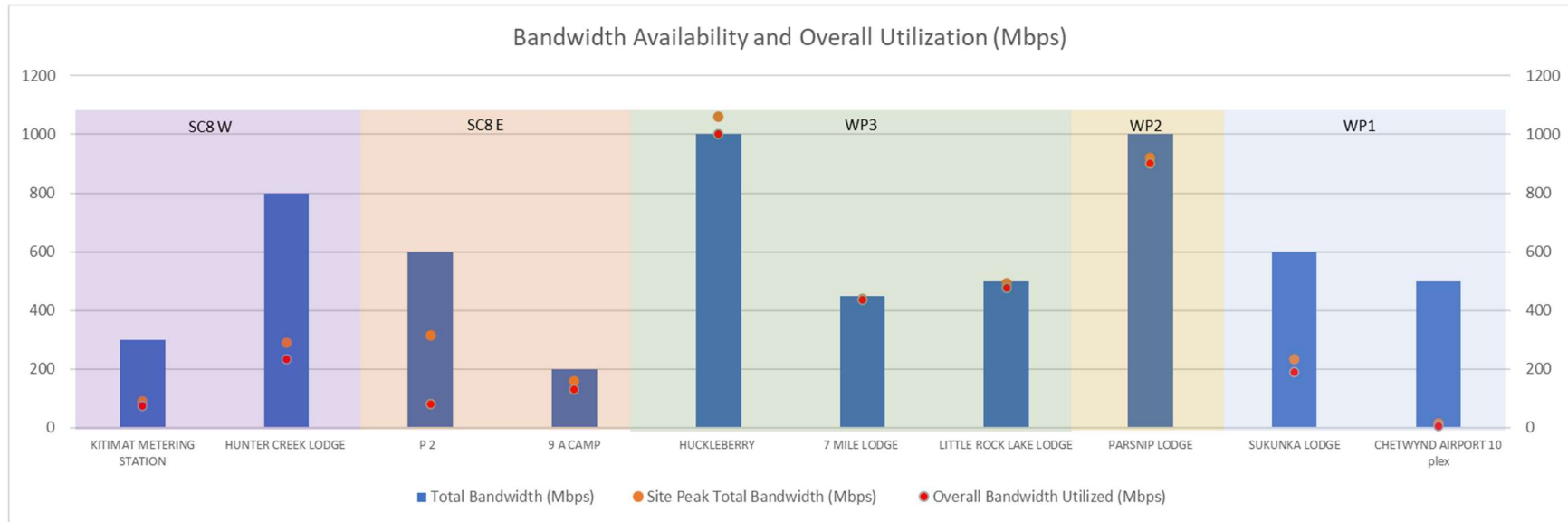
Workforce Accommodation Wi-Fi Availability and Overall Utilization, December 16 – 31, 2022



Notes:

- The Kitimat Metering Station and Chetwynd Airport facilities are Project offices.
- In December 2022, the Mount Merrick Lodge site was temporarily demobilized.

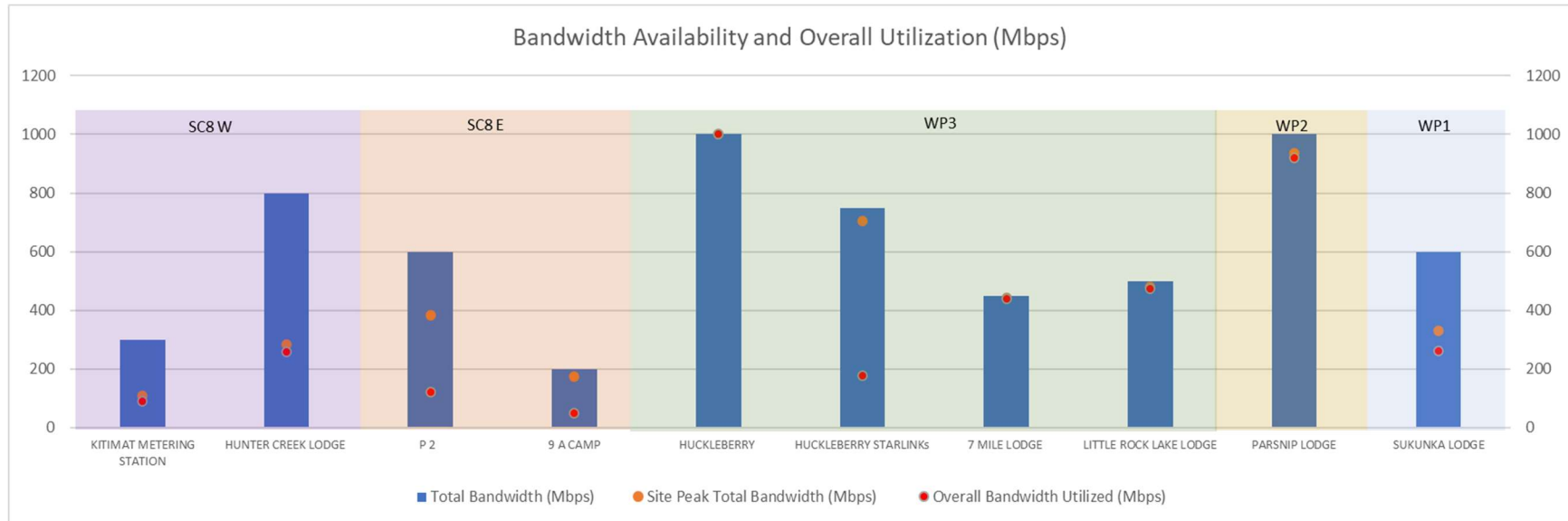
Workforce Accommodation Wi-Fi Availability and Overall Utilization, January 1 – 15, 2023



Notes:

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

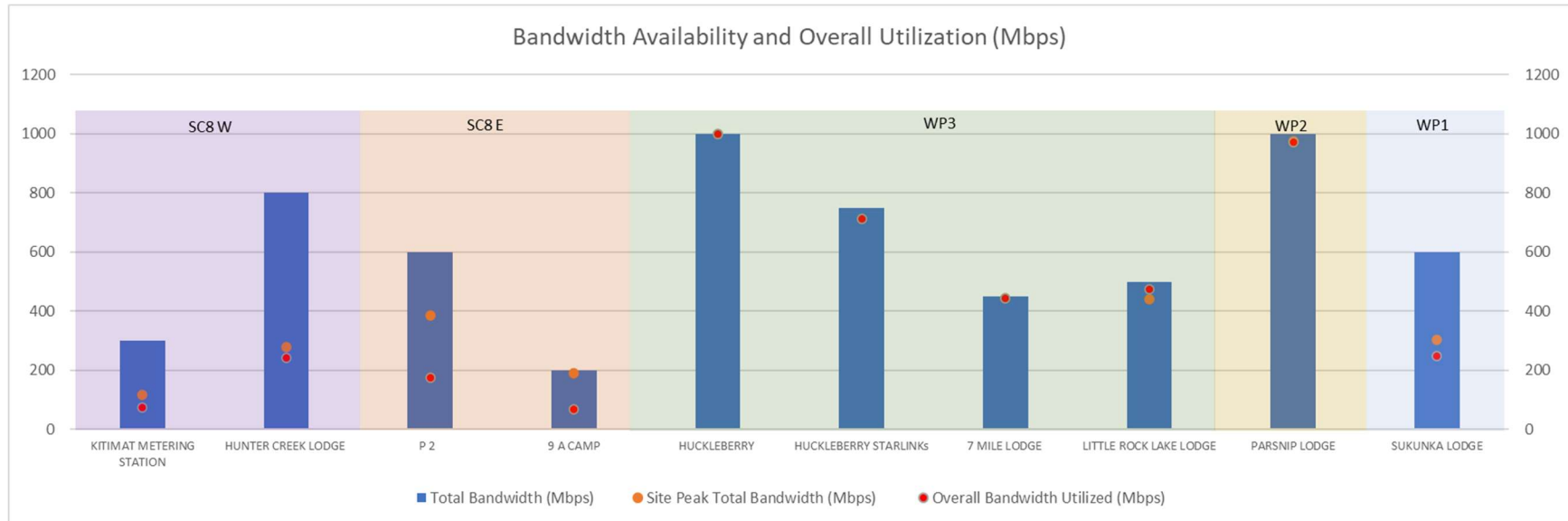
Workforce Accommodation Wi-Fi Availability and Overall Utilization, January 16 – 31, 2023



Notes:

- The Kitimat Metering Station is a Project office.
- In January 2023, the Chetwynd Airport facility was demobilized.
- In January 2023, Starlink internet service was onboarded at the Huckleberry Lodge site to provide additional service capacity.

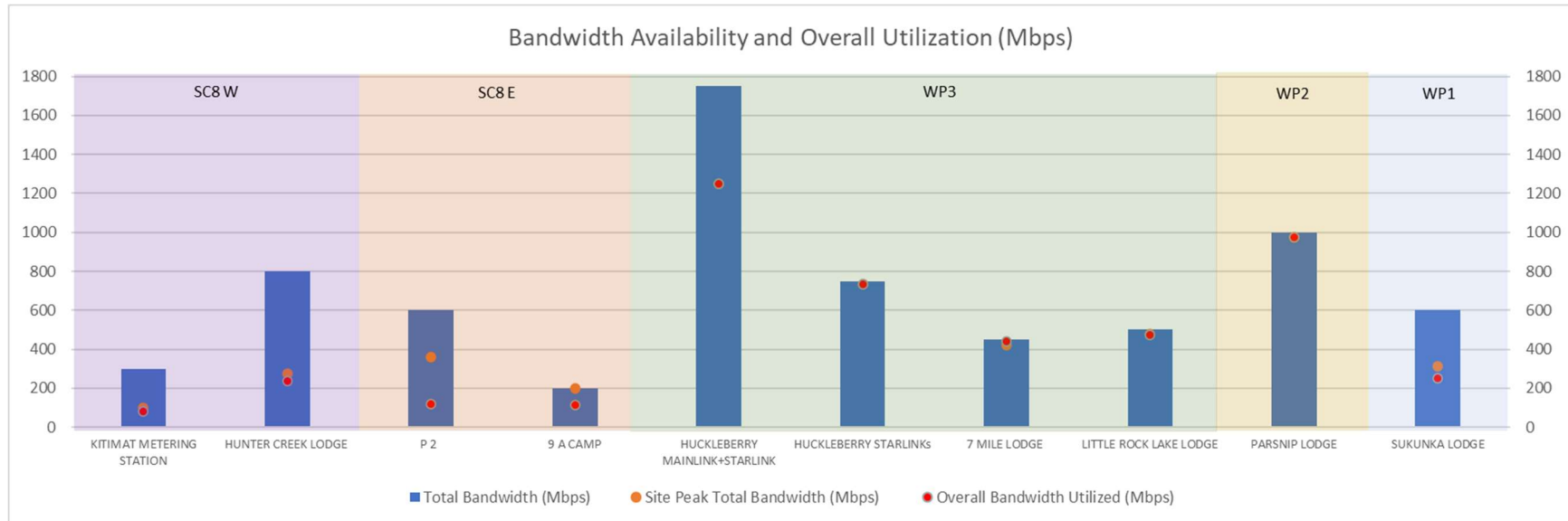
Workforce Accommodation Wi-Fi Availability and Overall Utilization, February 1 – 15, 2023



Notes:

- The Kitimat Metering Station is a Project office.

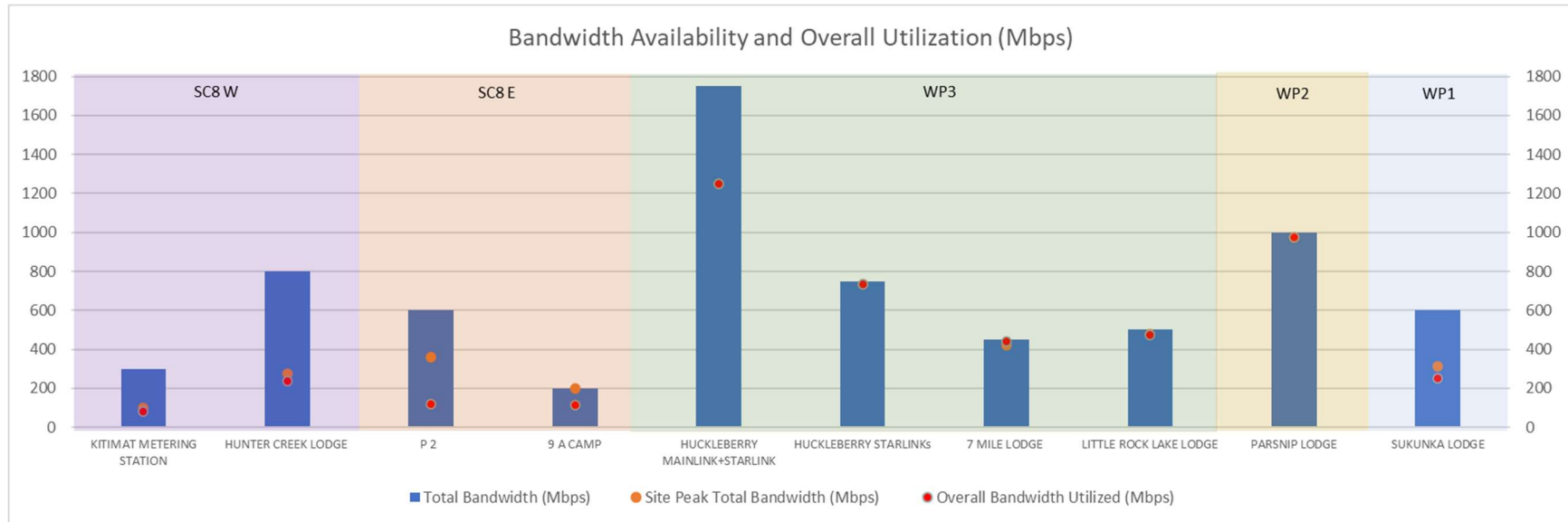
Workforce Accommodation Wi-Fi Availability and Overall Utilization, February 16 – 28, 2023



Notes:

- The Kitimat Metering Station is a Project office.

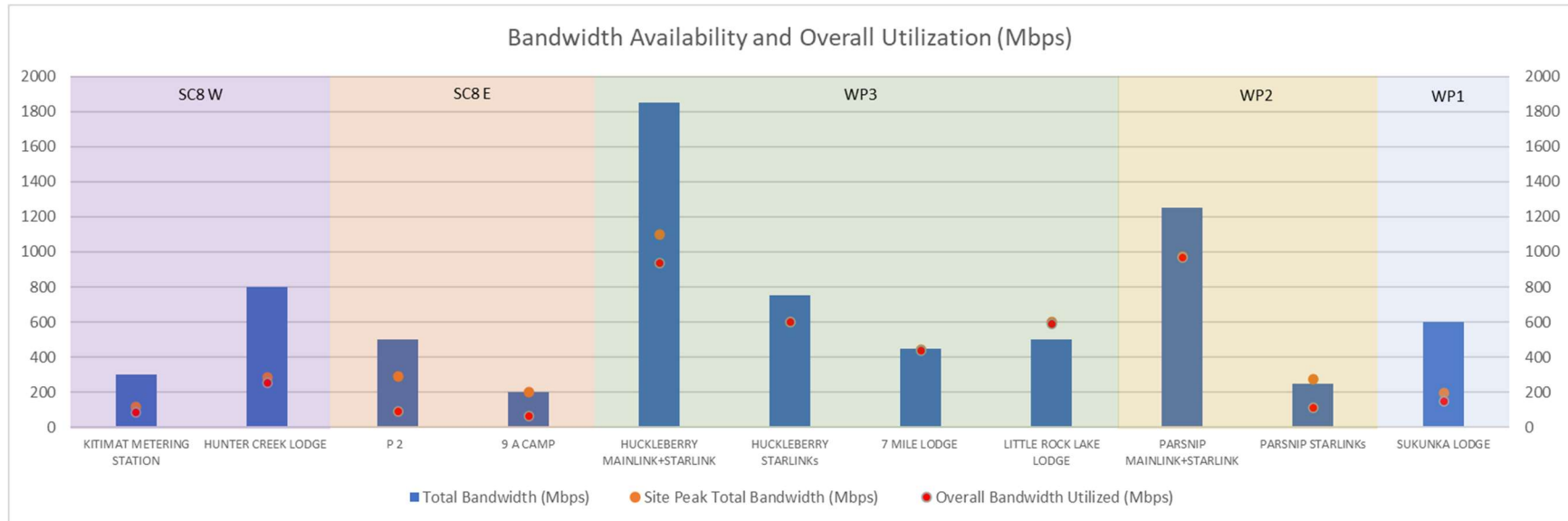
Workforce Accommodation Wi-Fi Availability and Overall Utilization, March 1 – 15, 2023



Notes:

- The Kitimat Metering Station is a Project office.

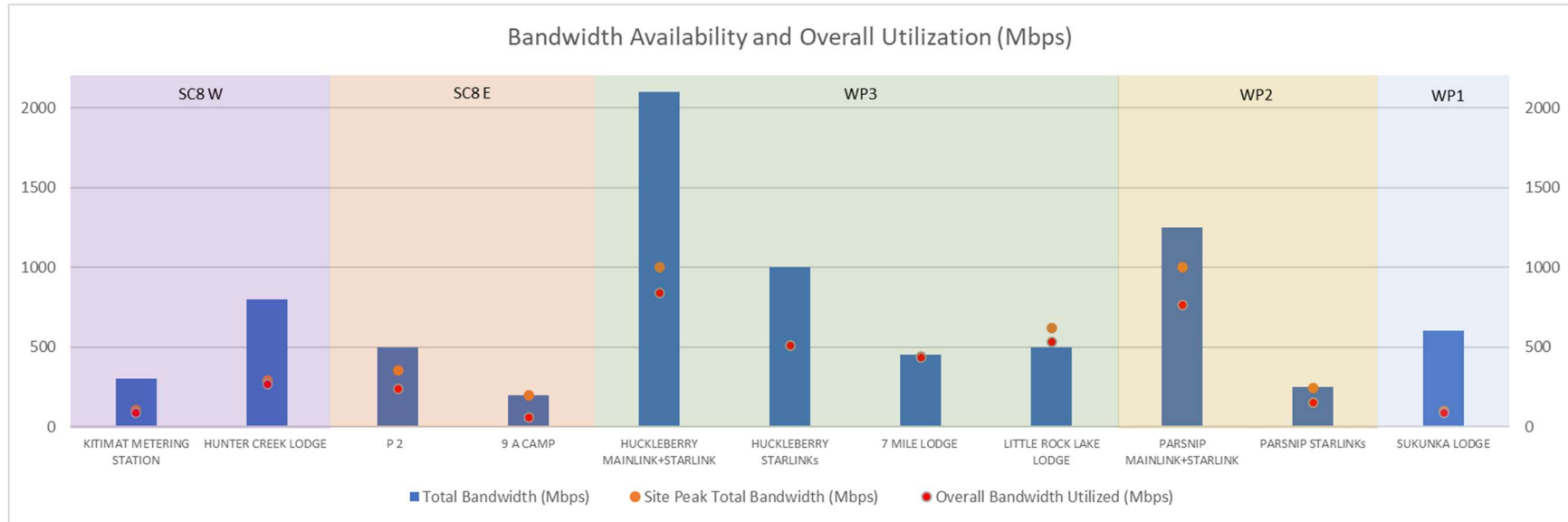
Workforce Accommodation Wi-Fi Availability and Overall Utilization, March 16 – 31, 2023



Notes:

- The Kitimat Metering Station is a Project office.
- In March 2023, Starlink internet service was onboarded at the Parsnip Lodge site to provide additional service capacity.

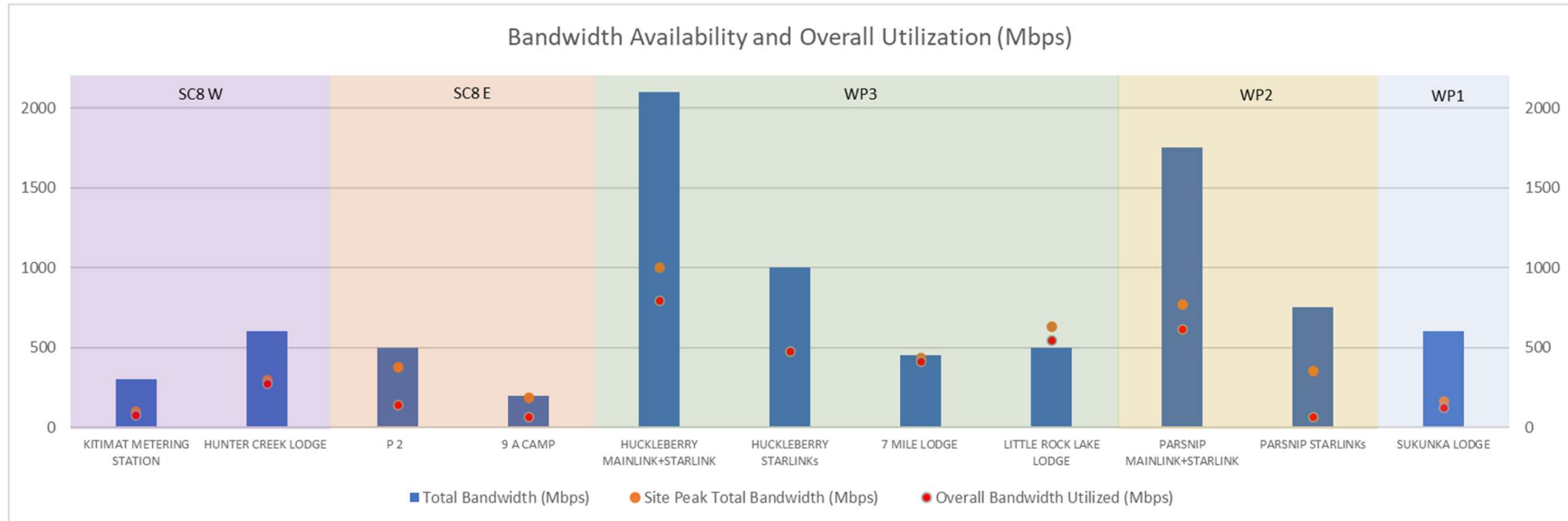
Workforce Accommodation Wi-Fi Availability and Overall Utilization, April 1 – 15, 2023



Notes:

- The Kitimat Metering Station is a Project office.

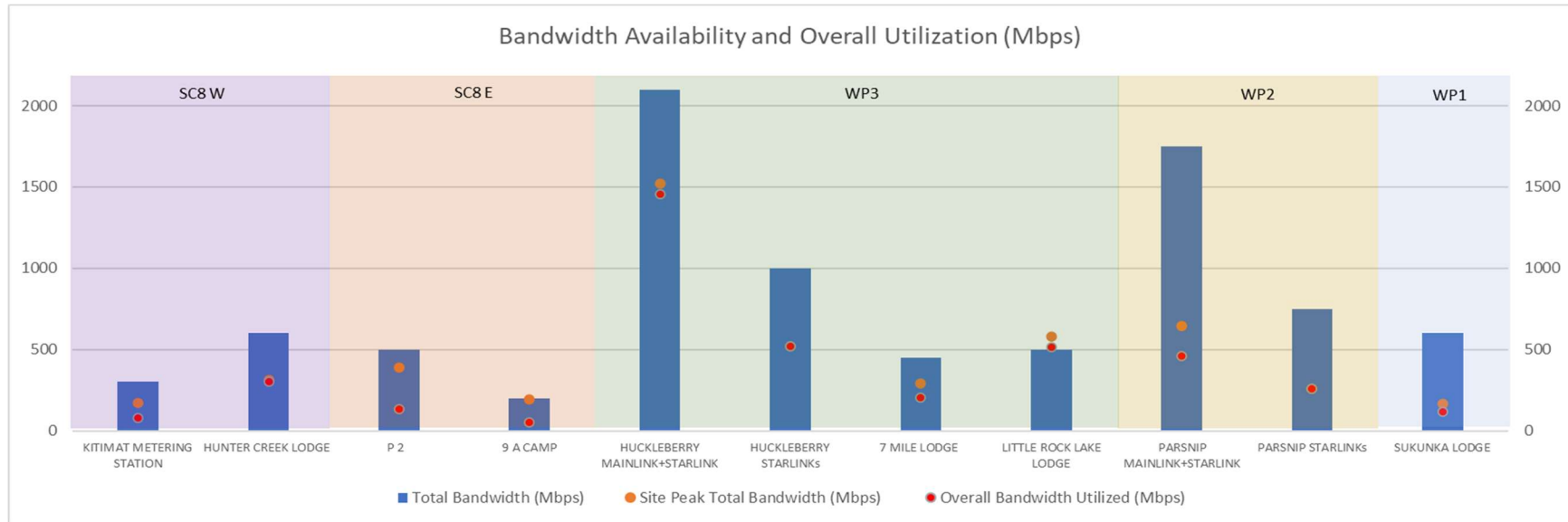
Workforce Accommodation Wi-Fi Availability and Overall Utilization, April 16 – 30, 2023



Notes:

- The Kitimat Metering Station is a Project office.
- In April 2023, additional Starlink internet services were onboarded at the Parsnip Lodge site to provide additional service capacity.

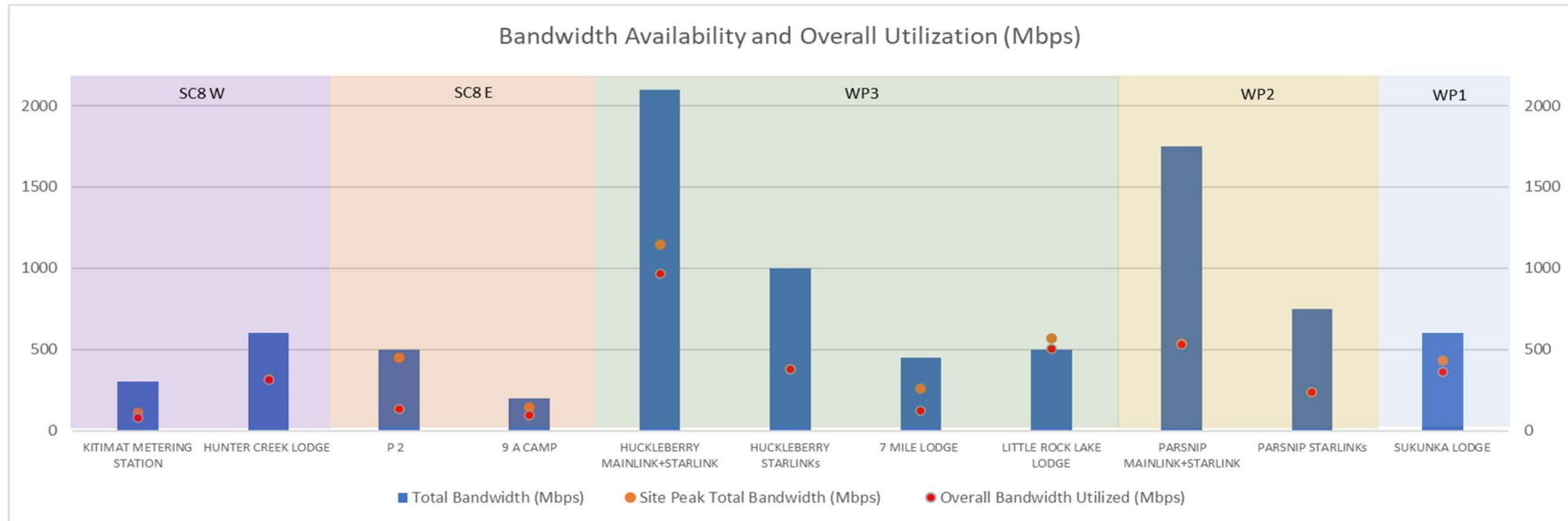
Workforce Accommodation Wi-Fi Availability and Overall Utilization, May 1 – 15, 2023



Notes:

- The Kitimat Metering Station is a Project office.

Workforce Accommodation Wi-Fi Availability and Overall Utilization, May 16 – 31, 2023



Notes:

- The Kitimat Metering Station is a Project office.

Appendix E

Project Waste Volumes by Destination and Type, October 2022 – March 2023

Project Waste Volumes by Destination and Type, October 2022 – March 2023

Waste Type	Receiver	Volume, Q4 2022	Volume, Q1 2023
Wilde Lake Compressor Station			
Garbage and construction waste	Peace River Regional District Bessborough Landfill	36,450 kg	37,110 kg
	Peace River Regional District North Peace Landfill	3,930 kg	0
Wood waste	Peace River Regional District Chetwynd Landfill	21,210 kg	0
	Peace River Regional District Bessborough Landfill	0	19,910 kg
Contaminated soil	GFL Environmental in Prince George, B.C.	500 kg	0
Industrial solid waste (aerosols, oily filters and debris, paint cans, contaminated plastics)	GFL Environmental in Prince George, B.C.	3,950 kg	0
Sewage	District of Chetwynd Sewage Treatment Plant	318.4 m ³	247.2 m ³
	Peace River Regional District Charlie Lake Treatment Facility	15.9 m ³	22.2 m ³
Recyclables (cardboard, bottles & cans)	Dawson Creek Recycling & Bottle Depot	2,630 kg	1,710 kg
Recyclables (metals)	ABC Recycling in Fort St. John, B.C.	23,670 kg	17,110 kg
Work Package 1, Groundbirch to Rocky Mountain Divide (KP 0 to KP 140.2)			
Garbage and general construction waste including hard plastic	Peace River Regional District Chetwynd Landfill	166,600 kg	47,250 kg
Wood waste	Peace River Regional District Chetwynd Landfill	7,170 kg	51,210 kg
Contaminated soil	GFL	180 kg	15,410 kg
Industrial solid waste (engine filters, contaminated plastic, aerosols, absorbents, mixed contaminated waste)	RBW Waste Management in Nisku, AB Navaho Metals in Calgary, AB	1,020 kg	32,095 kg
Industrial liquid waste (oil)	GFL	15.97 m ³	15.49 m ³
Sewage	District of Chetwynd Sewage Treatment Plant	3,666 m ³	832 m ³
Recyclables (cardboard)	Chetwynd Recycling and Bottle Depot	6,101 kg	800 kg
Recyclables (metals)	Commercial brokers, Chetwynd	129,000 kg	116,840 kg
Recyclables (bottles & cans)	Chetwynd Recycling and Bottle Depot	11 loads	3 loads
Work Package 2, Rocky Mountain Divide to east of Highway 27 (KP 140.2 to KP 337.3)			
Garbage and general construction waste	Regional District of Fraser-Fort George Foothills Landfill	960,720 kg	765,690 kg
Wood waste	Regional District of Fraser-Fort George Foothills Landfill	40,120 kg	5,990 kg
Contaminated soil	GFL in Prince George, B.C.	356,148 kg	74,276 kg
Industrial solid waste (aerosols, oily filters and debris, plastics, paint cans)	GFL in Prince George or Delta, B.C.	7,450 kg	43,066 kg
Industrial liquid waste (oil, resins)	GFL in Prince George, B.C.	26.5 m ³	29.5 m ³
Industrial liquid waste (ethyl methyl ketone, xylenes, liquid NOS fuel)	GFL in Prince George, B.C.	-	15.6 m ³
Liquid waste (drill mud, hydrovac slurry, washwater)	GFL in Prince George, B.C.	393 m ³	704 m ³
Sewage ¹	City of Prince George, B.C.	0	1,776 m ³
Recyclables (metals)	ABC Recycling in Prince George, B.C.	171,420 kg	287,400 kg
Recyclables (cardboard)	Cascades Recovery in Prince George, B.C.	28,140 kg	38,510 kg
Recyclables (cooking oil)	McLeod's in Prince George, B.C.	30 m ³	30 m ³
Recyclables (bottles & cans)	GFL	3 loads	0

¹ Following the closure of the Vanderhoof Lodge on October 1, 2021, sewage from Work Package 2 was disposed of at the provincially-permitted septic field near the Coastal GasLink Parsnip Lodge. As of January 2023, Coastal GasLink is also shipping sewage to the City of Prince George treatment facility.

Notes:

- Garbage and construction 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).
- Contaminated soil is gathered up from fuel spill areas. Depending on the level of contamination, it may be disposed of at public landfills or at permitted private facilities.
- The industrial waste category covers materials that are not accepted at public landfills and must be transported to a permitted private facility. The list of possible materials includes: 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; and medical waste.
- Sewage is liquid waste that will be accepted on payment of a standard disposal fee at a sewage treatment facility operated by a local government or First Nation.
- Recyclables are materials that are deemed by the hauler to be recyclable according to standard lists maintained by recycling facilities and materials brokers. In some cases, recyclables may be disposed of at landfills due to lack of markets.

Project Waste Volumes by Destination and Type, October 2022 – March 2023

Waste Type	Receiver	Volume, Q2 2022	Volume, Q3 2022
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	524,130 kg	418,105 kg
	Regional District of Bulkley-Nechako Clearview Landfill	175,485 kg	195,722 kg
Mixed loads (with wood waste)	Regional District of Bulkley-Nechako Knockholt Landfill	0	16,000 kg
Wood waste	Regional District of Bulkley-Nechako Knockholt Landfill	7,650 kg	16,280 kg
	Regional District of Fraser-Fort George Foothills Landfill	0	5,290 kg
Contaminated soil	GFL Environmental in Prince George, B.C.	74,790 kg	44,700 kg
Industrial solid waste (aerosols, oily filters and rags, contaminated plastic, oily sludge)	GFL Environmental in Prince George, B.C. Secure Energy in Buick, B.C.	53,015 kg	13,250 kg
Industrial liquid waste (oil, contaminated waste water)	GFL	26.25 m ³	35.58 m ³
Sewage ²	District of Houston	12,824 m ³	16,146 m ³
	Village of Burns Lake	4,554 m ³	7,381 m ³
	District of Vanderhoof	36 m ³	9,982 m ³
Recyclables (bottles & cans)	Return-it in Fraser Lake, B.C.	14 loads	10 loads
	GFL Cascade Recovery in Prince George, B.C.		
Recyclables (cardboard)	BBRD Recycling Depot in Witsset, B.C. Burns Lake Waste Transfer Station Cascade Recovery in Prince George, B.C. Canada Recycle in Prince George, B.C.	63,530 kg	46,500 kg
Recyclables (metals)	ABC Recycling in Prince George, B.C. Richmond Steel Recycling in Prince George, B.C. Regional District of Bulkley-Nechako Knockholt Recycling Depot Allan's Scrap in Prince George, B.C.	68,490 kg	69,720 kg
Recyclables (timber)	Canada Recycle in Prince George, B.C.	0	18,190 kg
Recyclables (cooking oil)	McLeod's in Prince George, B.C.	13 m ³	3 m ³
Work Package 4 east, north of Morice Lake (KP 583.2 to KP 612.7)			
Garbage and construction waste	Regional District of Bulkley-Nechako Knockholt Landfill	382,880 kg	193,860 kg
Contaminated soil	Regional District of Bulkley-Nechako Knockholt Landfill Secure Energy in Buick, B.C. and Ryley, AB	171,670 kg 7,640 kg	138,430 kg 39,500 kg
Industrial solid waste (contaminated plastics, oily absorbents and rags, wet batteries)	Secure Energy in Buick, B.C.	17,440 kg	20,800 kg
Industrial liquid waste in containers (resin, antifreeze, isocyanate, diesel fuel)	Secure Energy in Buick, B.C.	0	3,143 kg
Industrial liquid waste (oil)	E360 Services in Prince George, B.C.	18.8 m ³	12.76 m ³
Sewage	District of Houston	12,854 m ³	9,394 m ³
Recyclables (metals)	Do Your Part Recycling in Terrace, B.C.	38,840 kg	70,830 kg
Recyclables (cardboard)	Do Your Part Recycling in Terrace, B.C. Cascades in Prince George, B.C.	16,340 kg	13,090 kg
Recyclables (bottles & cans)	Do Your Part Recycling in Terrace, B.C. Houston Bottle Depot	9 loads	4 loads
Work Package 4 west, KP 612.7 to LNG Canada site in Kitimat, B.C.			
Garbage and construction waste	Regional District of Kitimat-Stikine Forceman Ridge Landfill City of Prince Rupert Landfill	456,280 kg 0	288,040 kg 4,390 kg
Wood waste	Regional District of Kitimat-Stikine Forceman Ridge Landfill	147,080 kg	76,930 kg
Contaminated soil	Regional District of Kitimat-Stikine Forceman Ridge Landfill	143,260 kg	10,220 kg
Industrial solid waste (aerosols, oily debris, contaminated plastics; also trash from Kitimat River boom)	Secure Energy in Edmonton, AB or Fort St. John, B.C.	12,515 kg	15,806 kg
Industrial liquid waste (oil)	GFL	32 m ³	20.13 m ³
Sewage	District of Kitimat	414.2 m ³	386.5 m ³
	City of Terrace	4780.2 m ³	2801.2 m ³
Recyclables, metals	ABC Recycling in Terrace, B.C. Geier Waste Services	678,183 kg	183,986 kg
	Regional District of Kitimat-Stikine Forceman Ridge Landfill	0	21,303 kg
Recyclables (cardboard)	Do Your Part Recycling in Terrace, B.C.	7,610 kg	6,170 kg
Recyclables (bottles and cans)	Geier Waste Services	3 loads	4 loads

² Through 2021 and 2022, sewage from Little Rock Lake Lodge in Work Package 3 was disposed of at the adjacent Nadleh Whut'en First Nation lagoons. Volumes were not included in these reports. Starting in January 2023 sewage from the Lodge has been diverted to municipal facilities due to technical issues at Nadleh Whut'en.

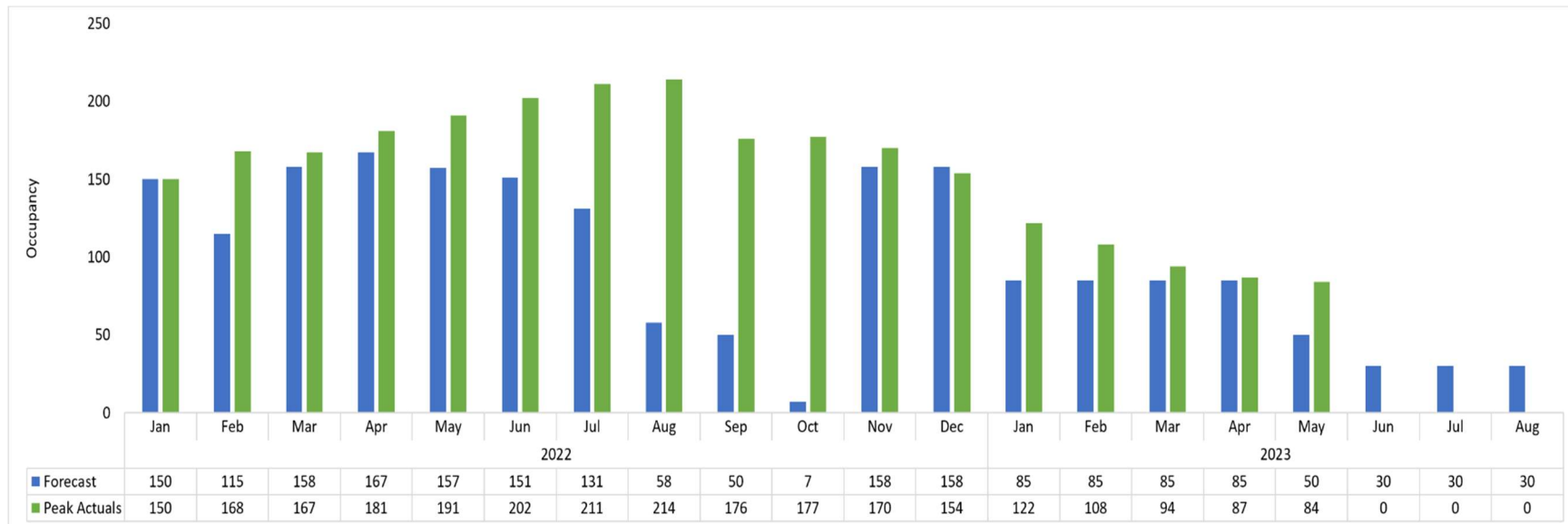
Notes:

- Garbage and construction 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).
- Contaminated soil is gathered up from fuel spill areas. Depending on the level of contamination, it may be disposed of at public landfills or at permitted private facilities.
- The industrial waste category covers materials that are not accepted at public landfills and must be transported to a permitted private facility. The list of possible materials includes: 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; and medical waste.
- Sewage is liquid waste that will be accepted on payment of a standard disposal fee at a sewage treatment facility operated by a local government or First Nation.
- Recyclables are materials that are deemed by the hauler to be recyclable according to standard lists maintained by recycling facilities and materials brokers. In some cases, recyclables may be disposed of at landfills due to lack of markets.

Appendix F

Workforce Accommodations – Planned vs. Actual Peak Occupancies

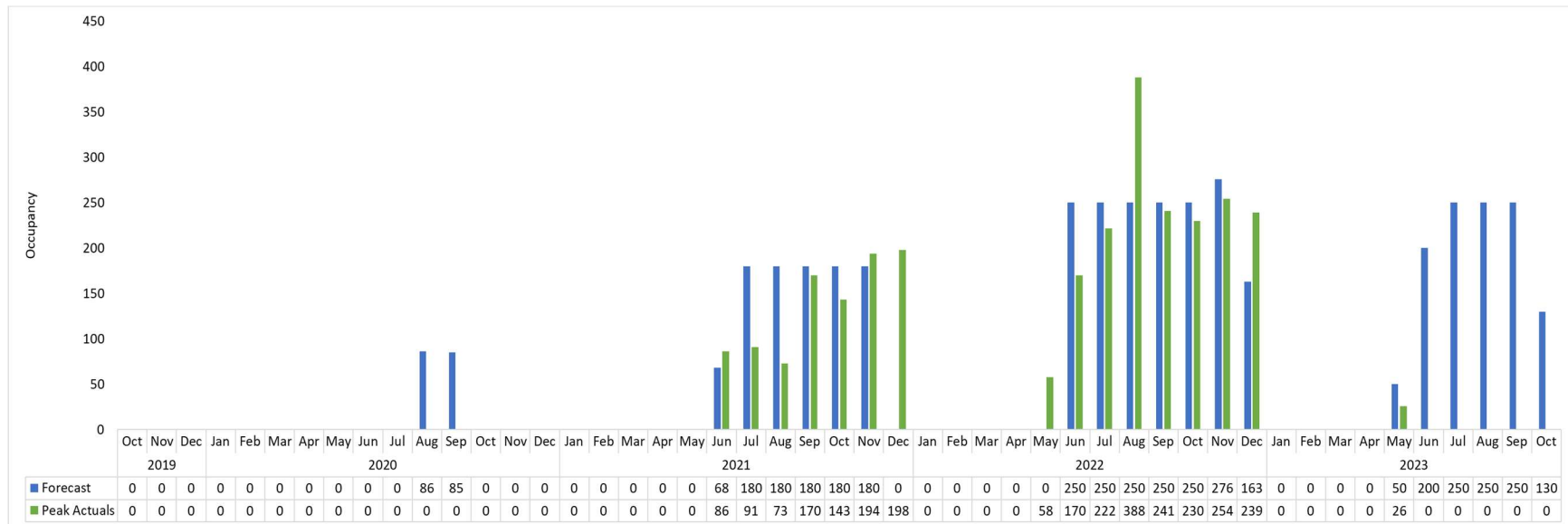
Sunset Prairie Lodge (Section 1): planned vs actual peak occupancy



Notes:

- Data is current as of May 2023.
- Peak occupancy is recorded as the highest occupancy day within a given month.

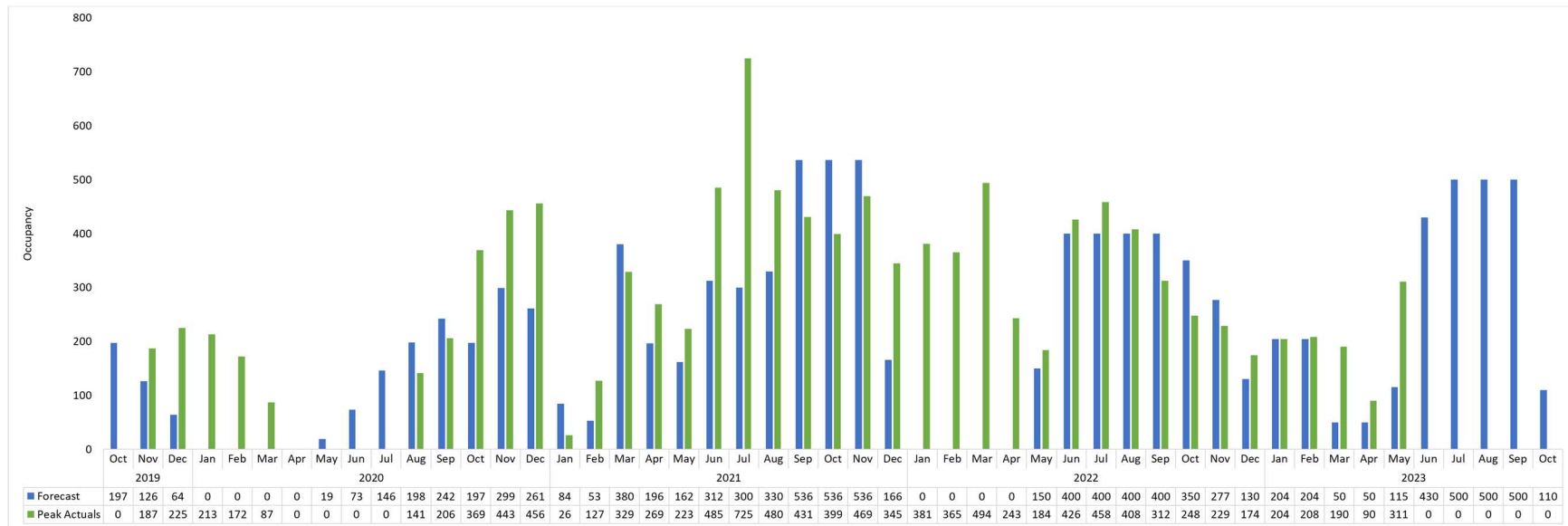
Mount Merrick Lodge (Section 2): planned vs actual peak occupancy



Notes:

- Data is current as of May 2023.
- Peak occupancy is recorded as the highest occupancy day within a given month.

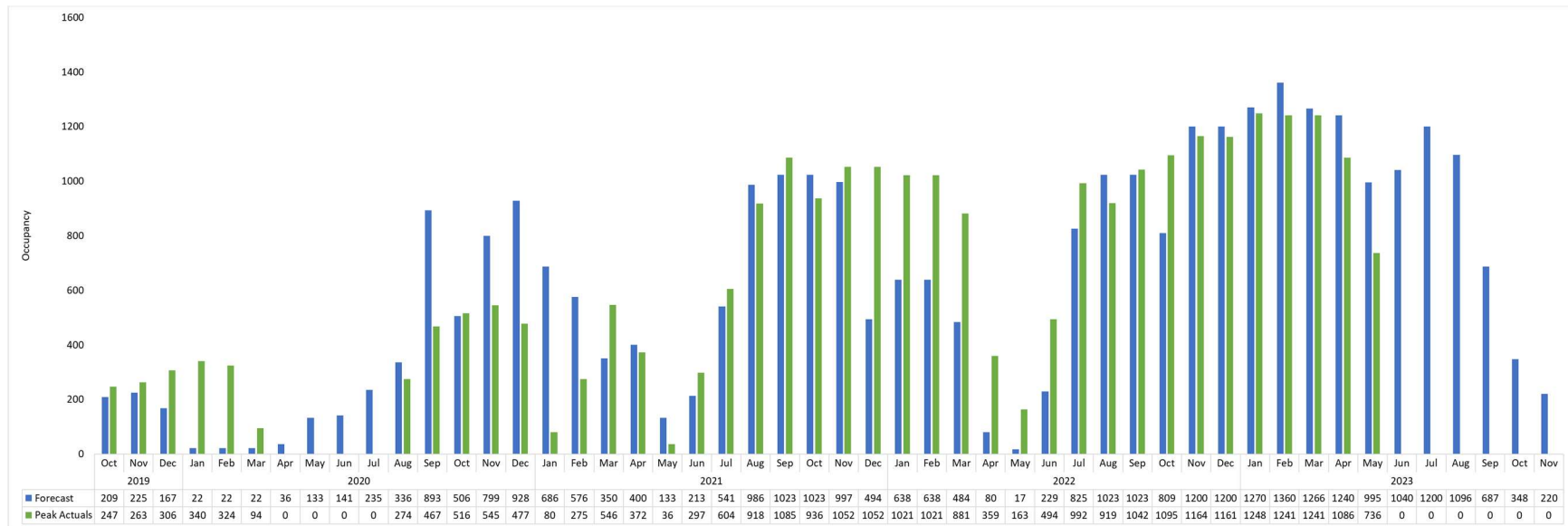
Sukunka Lodge (Section 2): planned vs actual peak occupancy



Notes:

- Data is current as of May 2023.
- Peak occupancy is recorded as the highest occupancy day within a given month.

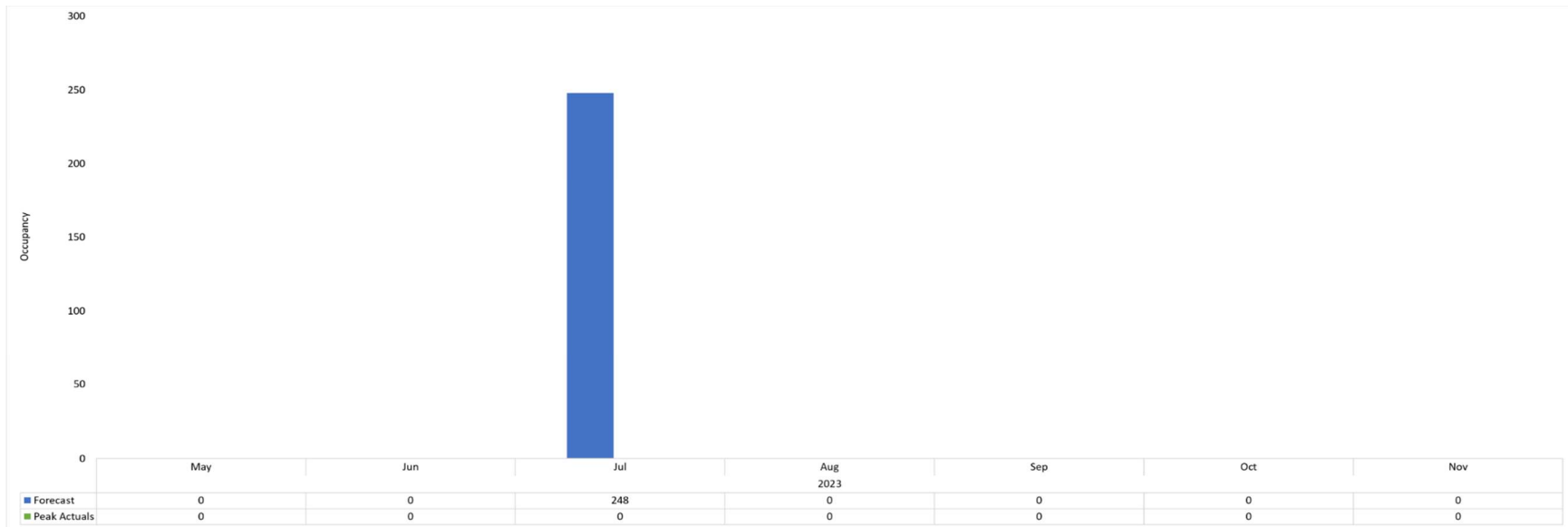
Parsnip Lodge A (Section 3): planned vs actual peak occupancy



Notes:

- Data is current as of May 2023.
- Peak occupancy is recorded as the highest occupancy day within a given month.

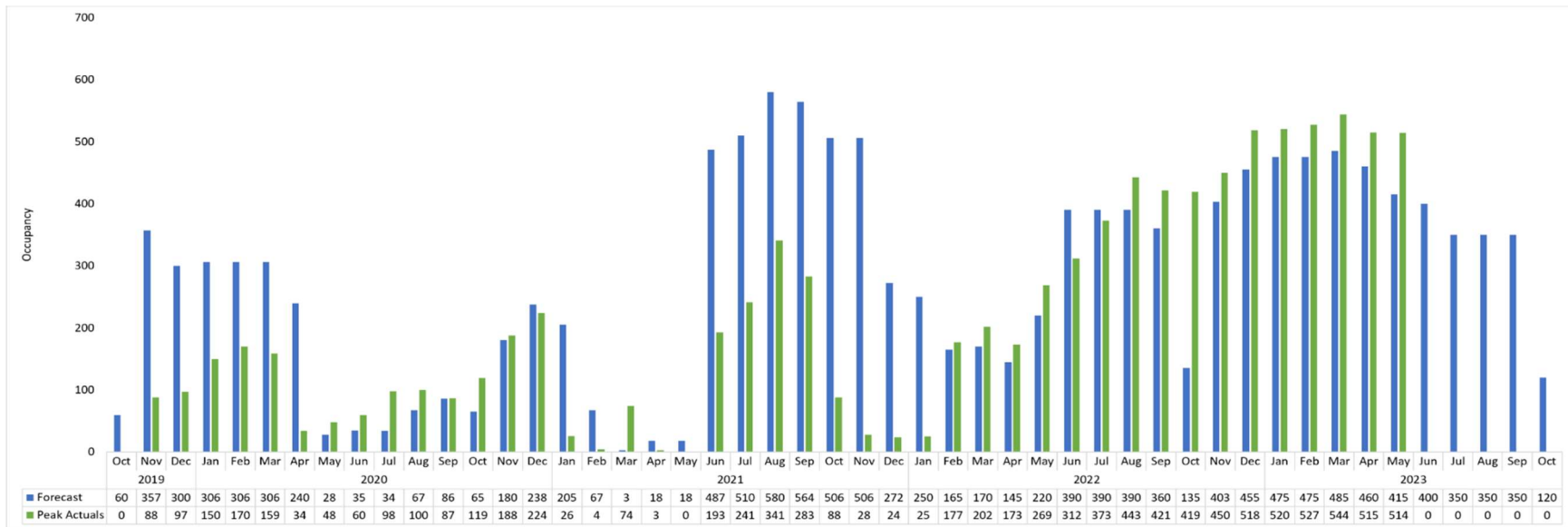
Parsnip Lodge B (Section 3): planned vs actual peak occupancy



Notes:

- Data is current as of May 2023.
- Peak occupancy is recorded as the highest occupancy day within a given month.
- In May 2023, Parsnip Lodge B was mobilized as part of a temporary expansion of the original Parsnip Lodge (noted as Parsnip Lodge A in SEEMP Report #9).

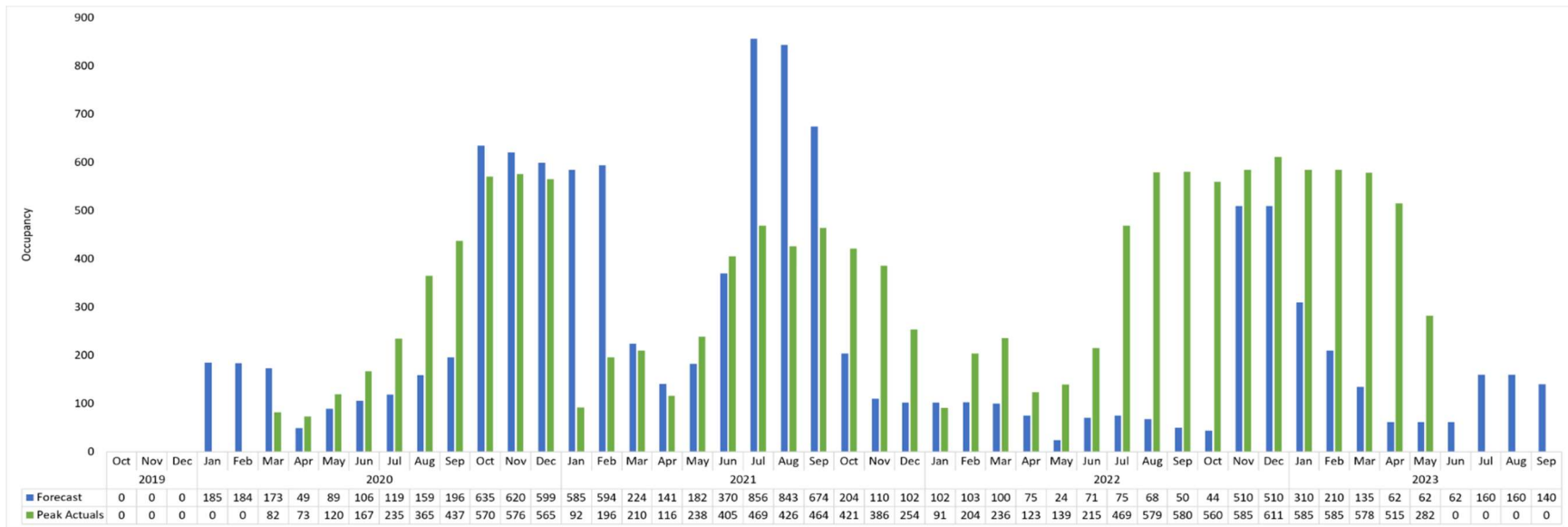
Little Rock Lake Lodge (Section 5): planned vs actual peak occupancy



Notes:

- Data is current as of May 2023.
- Peak occupancy is recorded as the highest occupancy day within a given month.

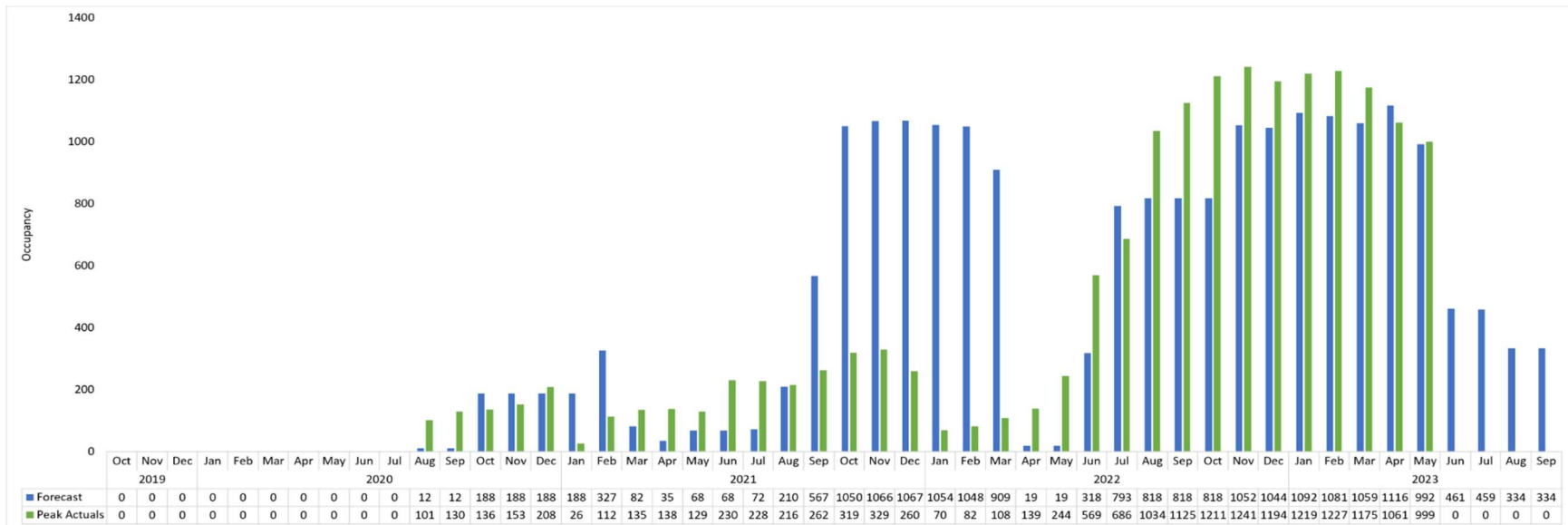
7 Mile Road Lodge (Section 6): planned vs actual peak occupancy



Notes:

- Data is current as of May 2023.
- Peak occupancy is recorded as the highest occupancy day within a given month.

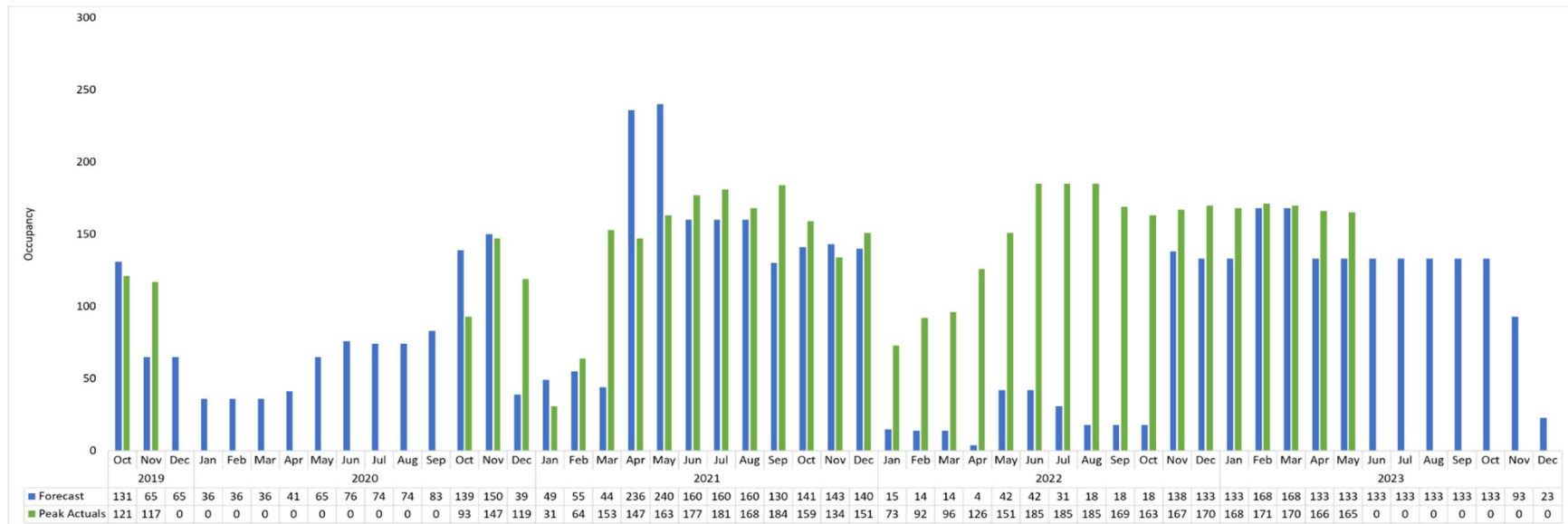
Huckleberry Lodge (Section 7): planned vs actual peak occupancy



Notes:

- Data is current as of May 2023.
- Peak occupancy is recorded as the highest occupancy day within a given month.

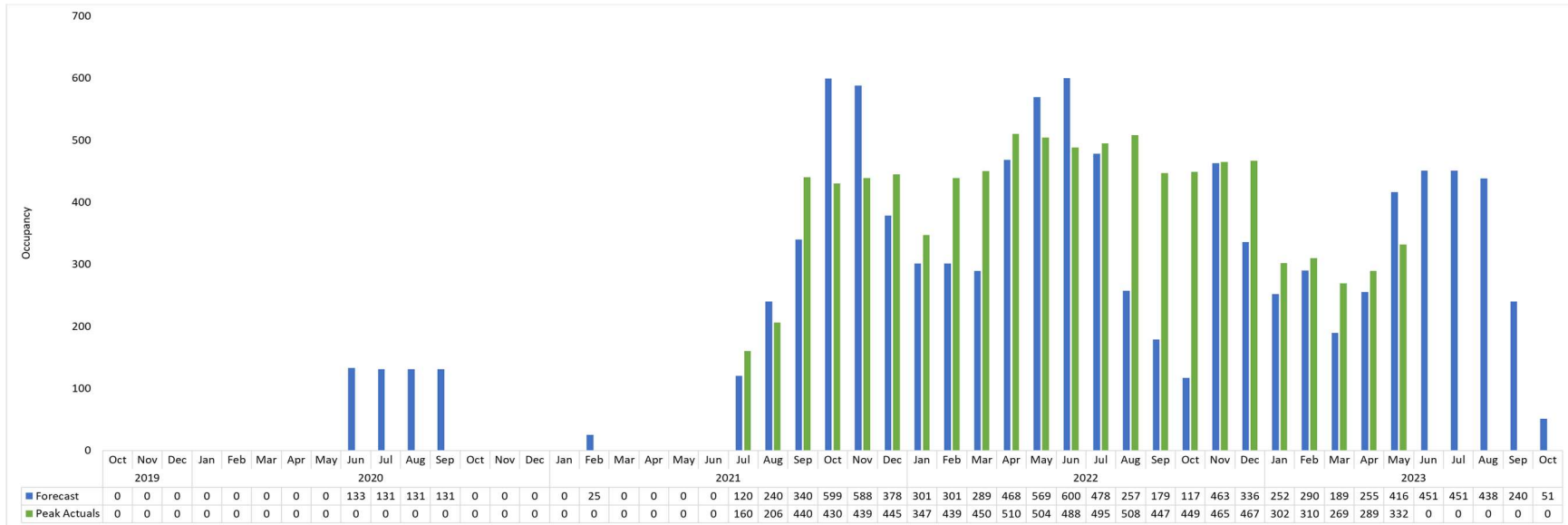
9A Lodge (Section 8): planned vs actual peak occupancy



Notes:

- Data is current as of May 2023.
- Peak occupancy is recorded as the highest occupancy day within a given month.

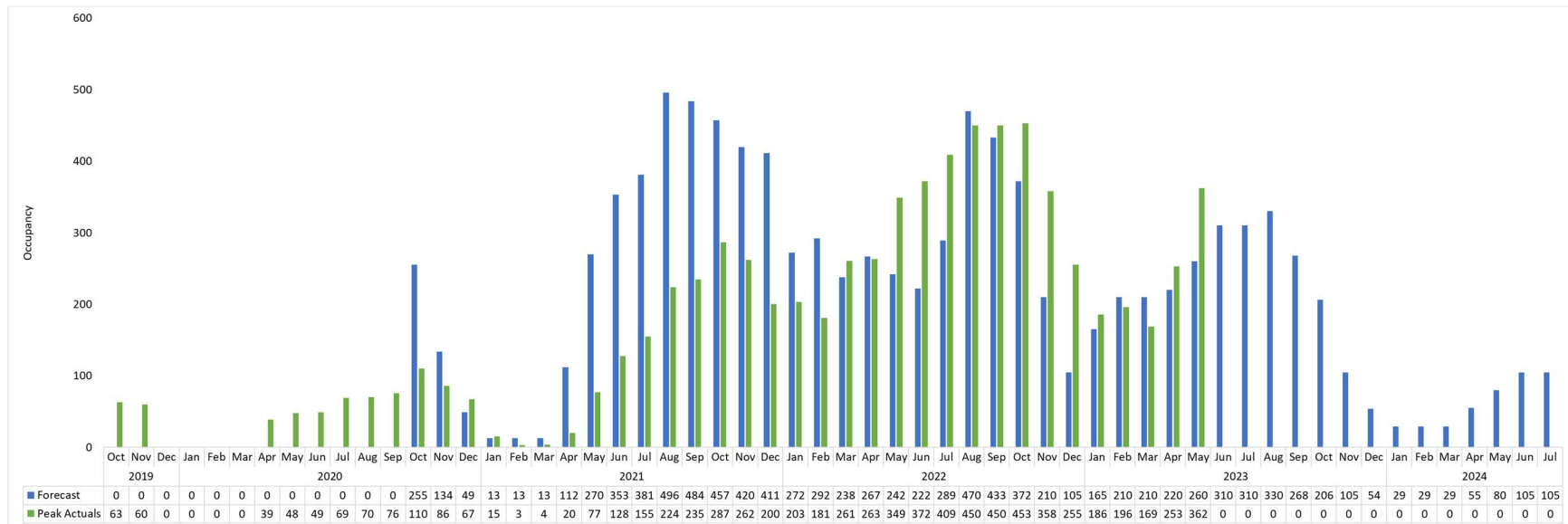
P2 Lodge (Section 8): planned vs actual peak occupancy



Notes:

- Data is current as of May 2023.
- 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 May 2023.
- Peak occupancy is recorded as the highest occupancy day within a given month.

