

# Construction Update

March 23, 2022

Numbers as available at the end of February 2022 unless otherwise noted

Coastal GasLink

## Monthly Highlights

### Making headway before spring breakup

With over 3,500 workers on-site, construction activities steadily progress as we head into spring breakup - the time of year when field construction work is reduced due to soft, thawing ground conditions caused by melting snow. In Section 1, critical in-stream work has been completed at the Coldstream Creek water crossing. As for the Wilde Lake Compressor Station, the team celebrated a significant milestone with the completion of initial alignment for all three compressor units. Overall construction at the Wilde Lake Compressor Station has surpassed 74 per cent; the facility is expected to be completed by the beginning of 2023. Over in Section 4, our team welcomed the safe removal of the temporary free-span Stuart River bridge. The Stuart River bridge saved an estimated 6.3 million kilometres of project vehicle traffic during service.

### Meet Nadleh-Macro

Recently, Macro pipelines was awarded the prime contract in the region of Section 5. Macro has partnered with Nadleh Whut'en and its long-time partner Frost Group to execute the work. This partnership with an Indigenous community follows the Indigenous Joint Venture with the Leducor-Haisla Limited Partnership announced in May 2021. Over the years, Nadleh Whut'en have been working towards economic prosperity for themselves and the region. Nadleh Whut'en brings their deep knowledge and commitment to the land to this important partnership. Nadleh Whut'en-Frost's collaboration with Macro provides a unique solution that demonstrates how industry and Indigenous people can move forward, together, as they work towards economic reconciliation.

Take a look at our Photo of the month on page 10 to learn about the Parsnip River water crossing.

### Performance at a glance:



**61.6%**  
overall progress\*

\*includes all engineering, procurement and construction activities



**52.2%**  
construction progress



**3,839**

workers across the project route as of February 28, 2022

#### Under Construction

- ◆ Coastal GasLink Metering Facility
- ▲ Coastal GasLink Compression & Metering Facility

#### Potential Future Facilities

- ▲ Coastal GasLink Compression Facilities (TBD)
- LNG Canada Facility (3rd party)



# 1 Section 1: Monthly Construction Update

## At a glance:



**100%**

cleared, includes project route and ancillary sites



**100%**

of grading completed



**99.4%**

of pipe installed, includes activities from stringing through to backfilling



**168**

workers at Sunset Prairie Lodge

## Section 1

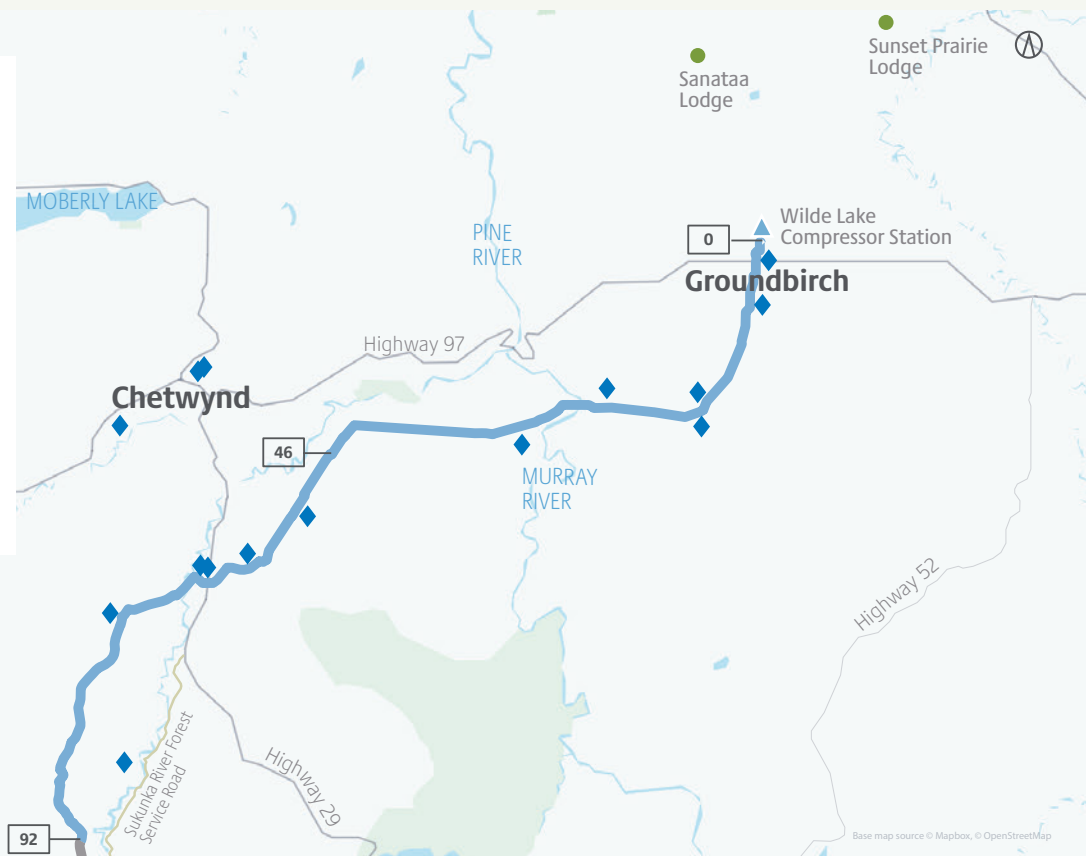
**Location:** West of Dawson Creek to south of Chetwynd

**Length:** 92 kilometres

**Prime Contractor:** Surerus Murphy Joint Venture

**Workforce Accommodations:** One Workforce Accommodation – Sanataa Lodge; and one short-term Workforce Accommodation at Sunset Prairie Lodge

- Project Route (Section 1)
- Workforce Accommodation Site
- ◆ Storage Area (Where construction equipment and materials are stored)
- Kilometre Post Markings (KP)
- ▲ Wilde Lake Compressor Station



## Key activities

- Completed installation of in-stream works for Coldstream Creek; continuing pipe installation and restoration on creek banks
- Complete grading and progressing pipe installation on Murray Hill
- Continued Erosion and Sediment Control (ESC) mitigation and preparing for spring season

## Look ahead\*

- Complete Coldstream Creek pipe installation on creek banks, tie-ins and bank restoration
- Complete pipe installation on Murray Hill
- Continue ESC mitigation

*\*All schedules are subject to change*

## Wilde Lake Compressor Station

### Key activities

- Overall construction surpassed 74%; site welding surpassed 84% in diameter inches
- All three compressor initial alignments complete
- Sour bottle piping facility continues to progress
- Structural, piping and electrical work within each compressor building underway

### Look ahead\*

- Piping installation and welding to continue, including sour bottle piping facility
- Welding in some sections is nearing completion, beginning preparation for hydrotests
- Electrical and instrumentation installation to progress across compressor station and meter station areas

*\*All schedules are subject to change*

## ② Section 2: Monthly Construction Update

### At a glance:



**100%**

cleared, includes project route and ancillary sites



**85.9%**

of grading completed



**28.7%**

of pipe installed, includes activities from stringing through to backfilling



**381**

workers at Sukunka Lodge

### Section ②

**Location:** South of Chetwynd to east of McLeod Lake

**Length:** 48 kilometres

**Prime Contractor:** Surerus Murphy Joint Venture

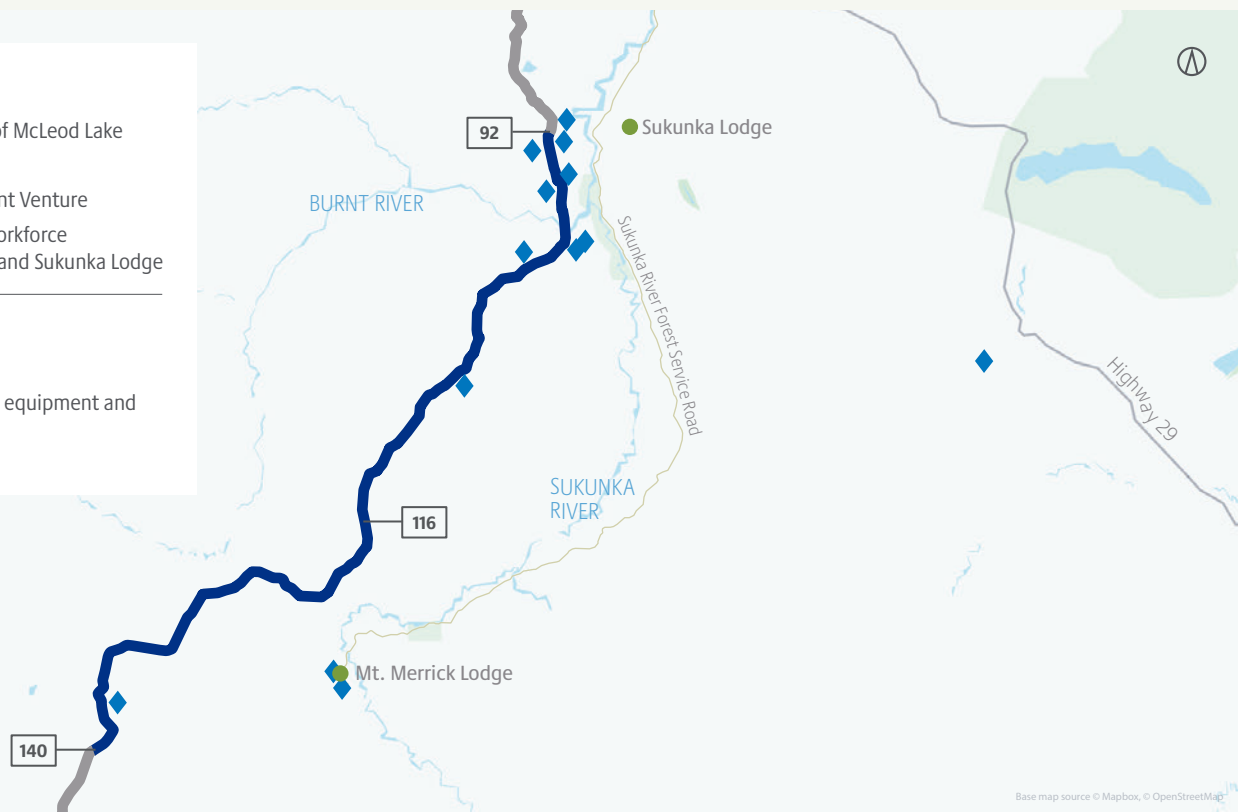
**Workforce Accommodations:** Two Workforce Accommodations – Mt. Merrick Lodge and Sukunka Lodge

— Project Route (Section 2)

● Workforce Accommodation Site

◆ Storage Area (Where construction equipment and materials are stored)

□ Kilometre Post Markings (KP)



### Key activities

- Snow clearing and maintaining access
- Continued civil and mechanical works on Burnt Mountain Special Section
- Continued tie-in and creek crossing installation between KP 99-117
- Continued ESC mitigation

### Look ahead\*

- Complete trenching, crossing and tie-in works between KP 99-177 for the season, resume in summer
- Continue Burnt Mountain Special Section works
- Continue ESC mitigation

*\*All schedules are subject to change*

## 3 Section 3: Monthly Construction Update

### At a glance:



**100%**

cleared, includes project route and ancillary sites



**62.5%**

of grading completed



**55.2%**

of pipe installed, includes activities from stringing through to backfilling



**1,021**

workers at Parsnip Lodge

### Section 3

**Location:** East of McLeod Lake to north of Prince George

**Length:** 104 kilometres

**Prime Contractor:** SA Energy Group

**Workforce Accommodations:** One Workforce Accommodation – Parsnip Lodge

— Project Route (Section 3)

● Workforce Accommodation Site

◆ Storage Area (Where construction equipment and materials are stored)

□ Kilometre Post Markings (KP)



### Key activities

- Progressing grading, stringing, bending, welding, coating, trenching, lowering-in, backfill and tie-in activities
- Progress access development toward Headwall
- Ditch and grade rock blasting ongoing
- Sheet piling ongoing
- Completed Parsnip DPI tunnelling activity
- Continued ESC mitigation

### Look ahead\*

- Complete machine cleanup work and ESC installations in preparation for spring breakup
- Develop execution plan for glacio-lacustrine clay area with poor soil strength; may require alternative construction methods
- Complete hydrotest and caliper tool run from KP228-244

*\*All schedules are subject to change*

## 4 Section 4: Monthly Construction Update

### At a glance:



**100%**  
cleared, includes  
project route and  
ancillary sites



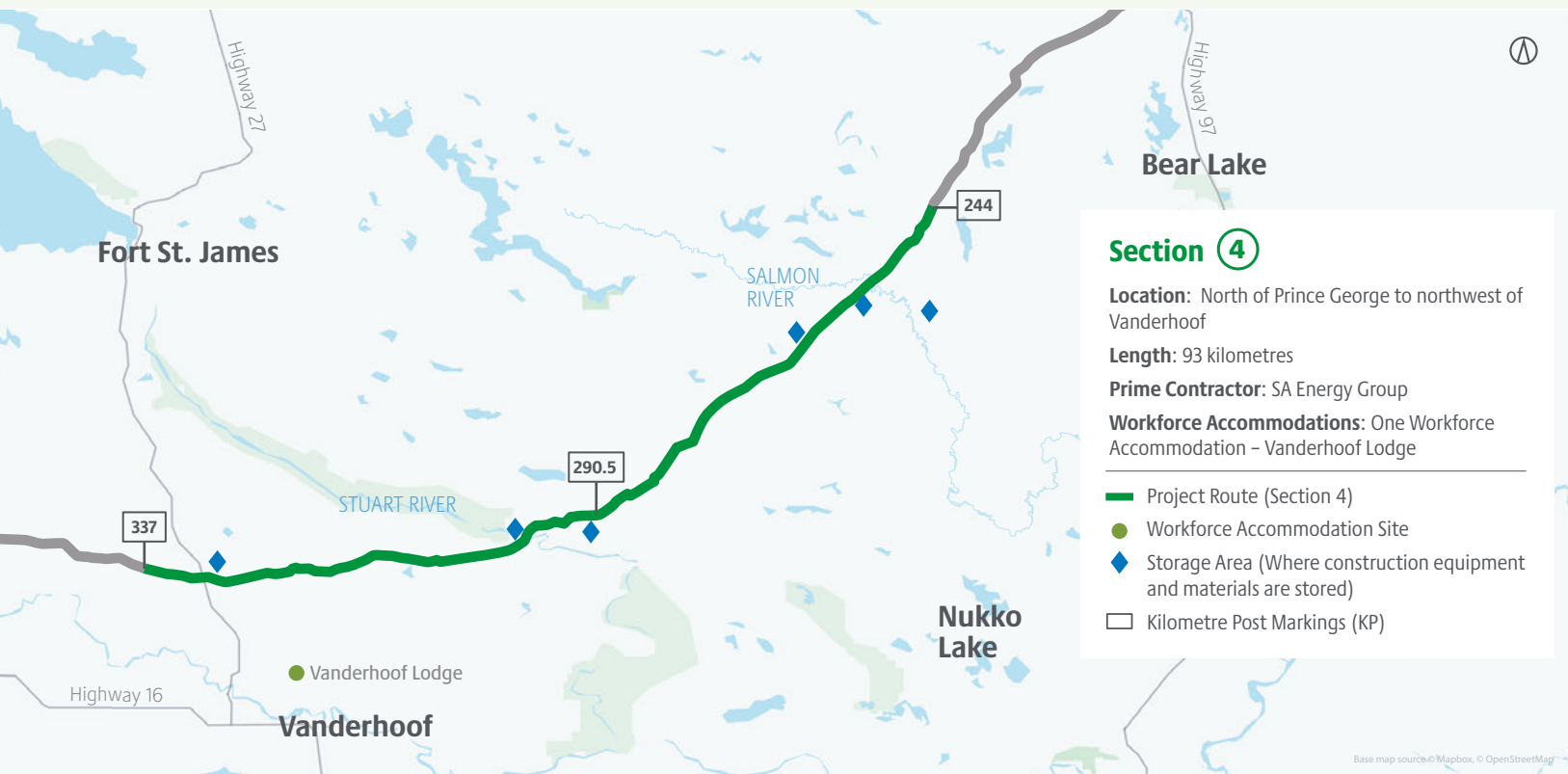
**100%**  
of grading  
completed



**99.7%**  
of pipe installed, includes  
activities from stringing  
through to backfilling



Vanderhoof Lodge  
decommissioned



### Key activities

- Continued progressing tie-ins, machine clean-up and final clean-up, as well as mainline activities
- Continuing anomaly dig program to address indications identified during caliper run
- Completed next tranche of hydrotesting from KP263-298
- Sheet piling ongoing
- Continue work at Raccoon Lake mainline block valve (MLBV) sites
- Continued ESC mitigation

### Look ahead\*

- Complete machine cleanup work and ESC installations in preparation for spring breakup
- Complete piping installation at Raccoon Lake MLBV and continue backfilling site
- Complete indication/anomaly dig program KP263-298
- Tie-in CN Rail crossing pipe at KP253
- Complete hydrotest and Caliper tool run from KP244-263

*\*All schedules are subject to change*

## 5 Section 5: Monthly Construction Update

### At a glance:



**100%**

cleared, includes project route and ancillary sites



**88.5%**

of grading completed



**39.6%**

of pipe installed, includes activities from stringing through to backfilling



**177**

workers at Little Rock Lake Lodge

### Section 5

**Location:** North of Vanderhoof to south of Burns Lake

**Length:** 82 kilometres

**Prime Contractor:** Nadleh-Macro

**Workforce Accommodations:** One Workforce Accommodation – Little Rock Lake Lodge

- Project Route (Section 5)
- Workforce Accommodation Site
- ◆ Storage Area (Where construction equipment and materials are stored)
- Kilometre Post Markings (KP)



### Key activities

- Nadleh-Macro mobilized to site February 1 to start winter works program
- Progressed mobilization of equipment and personnel to site
- Initiated welder training and qualification activities
- Crews started and substantially completed winter freeze down activities in support of planned water crossings
- Started section engineering and coating activities
- Continued ESC monitoring and maintenance; snow removal and road maintenance

### Look ahead\*

- Complete section engineering and welder qualification and training for winter work scope
- Substantially complete planned winter trenchless road crossings and open cut water crossings
- Initiate trench blasting, investigation and assessment of existing work scope previously completed
- Continue with ESC monitoring and maintenance

*\*All schedules are subject to change*



## 6 Section 6: Monthly Construction Update

### At a glance:



**100%**

cleared, includes project route and ancillary sites



**84.7%**

of grading completed



**36.0%**

of pipe installed, includes activities from stringing through to backfilling



**204**

workers at 7 Mile Lodge

### Section 6

**Location:** South of Burns Lake to south of Houston

**Length:** 85 kilometres

**Prime Contractor:** Pacific Atlantic Pipeline Construction Inc. (PAPC)

**Workforce Accommodations:** One Workforce Accommodation – 7 Mile Lodge

- Project Route (Section 6)
- Workforce Accommodation Site
- Storage Area (Where construction equipment and materials are stored)
- Kilometre Post Markings (KP)



### Key activities

- Continued ESC monitoring and maintenance; snow removal and road maintenance

### Look ahead\*

- Continue with ESC monitoring and maintenance
- Construction planning for ramp up post spring breakup period

*\*All schedules are subject to change*

## 7 Section 7: Monthly Construction Update

### At a glance:



**96.6%**  
cleared, includes  
project route and  
ancillary sites



**11.2%**  
of grading  
completed



**0%**  
of pipe installed, includes  
activities from stringing  
through to backfilling



**82**  
workers at  
Huckleberry Lodge

### Section 7

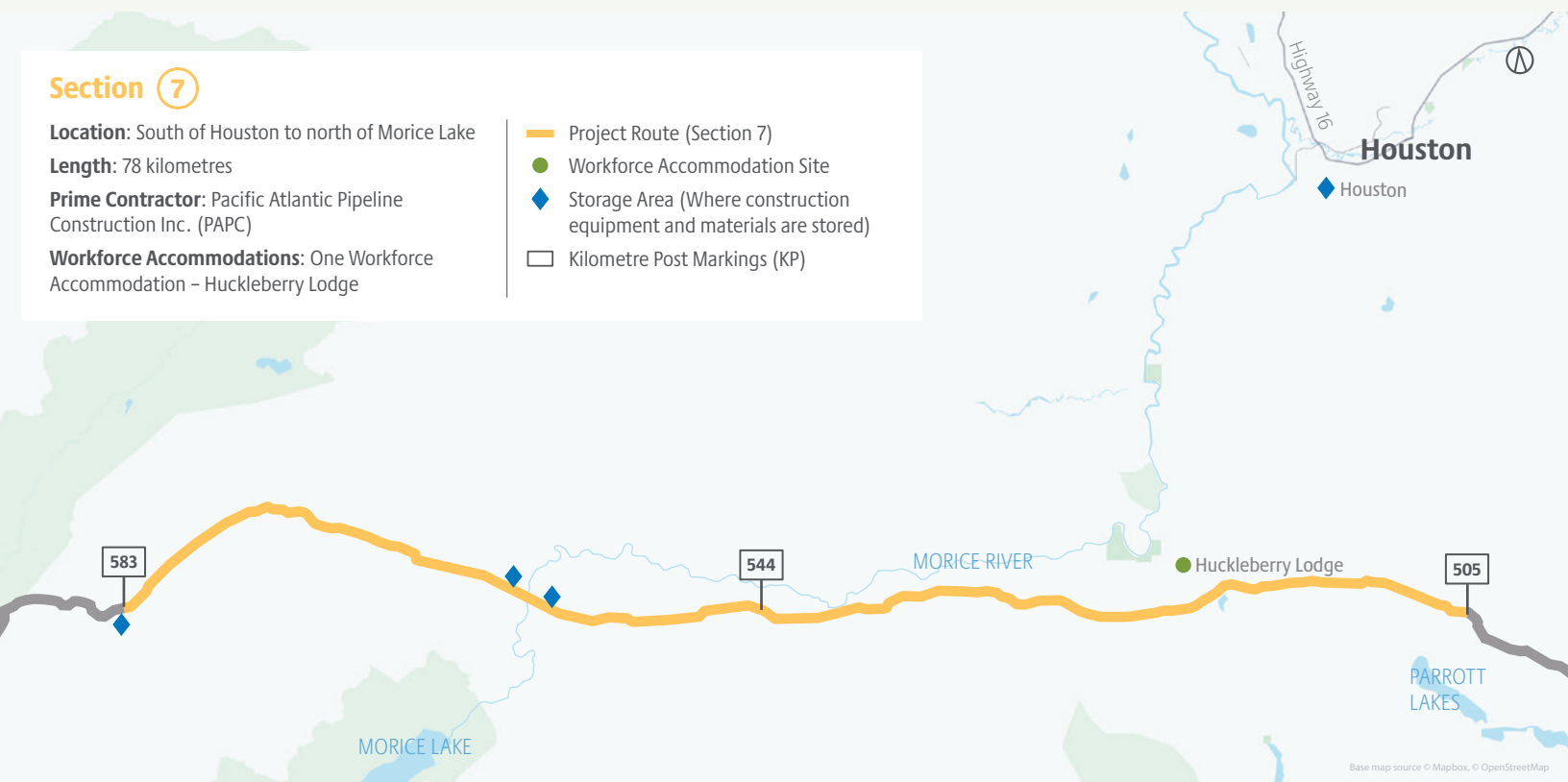
**Location:** South of Houston to north of Morice Lake

**Length:** 78 kilometres

**Prime Contractor:** Pacific Atlantic Pipeline Construction Inc. (PAPC)

**Workforce Accommodations:** One Workforce Accommodation – Huckleberry Lodge

- Project Route (Section 7)
- Workforce Accommodation Site
- Storage Area (Where construction equipment and materials are stored)
- Kilometre Post Markings (KP)



### Key activities

- Environmental mitigation and asset recovery started at Morice River drill site
- Security assessment and mitigation planning ongoing
- Continued ESC monitoring and maintenance; snow removal and road maintenance

### Look ahead\*

- Continue environmental mitigation and asset recovery at Morice River drill site
- Continue with ESC monitoring and maintenance

*\*All schedules are subject to change*



## 8 Section 8: Monthly Construction Update

### At a glance:



**100%**

cleared, includes project route and ancillary sites



**72.2%**

of grading completed



**29.8%**

of pipe installed, includes activities from stringing through to backfilling



**1,292**

workers at Sitka, Hunter Creek, P2 and 9A Lodges

### Section 8

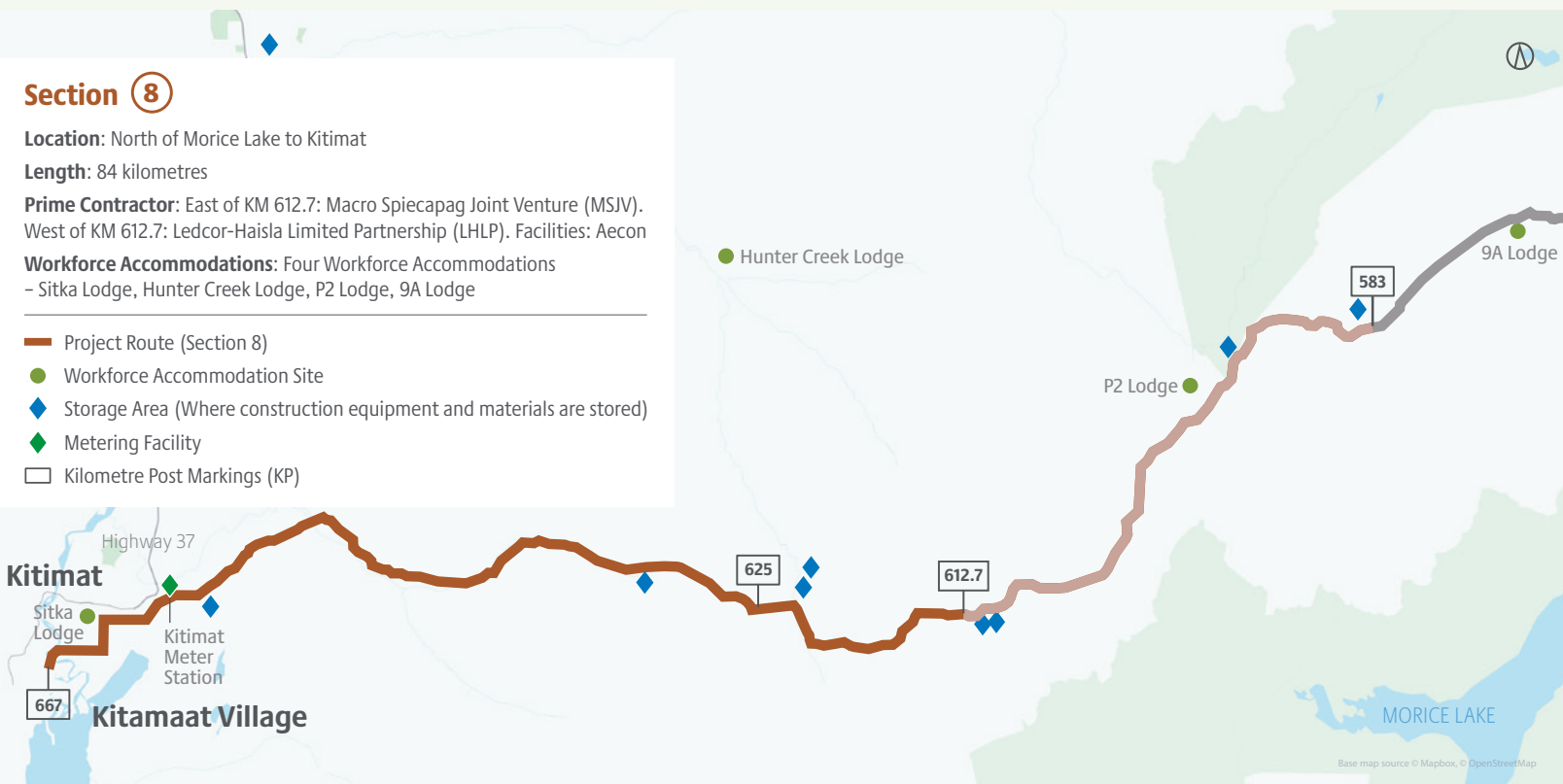
**Location:** North of Morice Lake to Kitimat

**Length:** 84 kilometres

**Prime Contractor:** East of KM 612.7: Macro Spiecapag Joint Venture (MSJV). West of KM 612.7: Ledcor-Haisla Limited Partnership (LHLP). Facilities: Aecon

**Workforce Accommodations:** Four Workforce Accommodations – Sitka Lodge, Hunter Creek Lodge, P2 Lodge, 9A Lodge

- Project Route (Section 8)
- Workforce Accommodation Site
- ◆ Storage Area (Where construction equipment and materials are stored)
- ◆ Metering Facility
- Kilometre Post Markings (KP)



### Section 8 East Key activities

- Continue grading
- Watercourse crossing installations, isolations and reinstatements within Qualified Environmental Professional (QEP) window
- Continued ESC maintenance

### Section 8 East Look ahead\*

- Continue grading
- Continue watercourse crossing installations
- Engineered fill – rock crushing and backfilling
- Continue ESC maintenance

*\*All schedules are subject to change*

### Section 8 West Key activities

- Continued grading and tie-in welding and coating
- Continued Fab-4 watercourse crossing at crossing 2018
- Completed Skeena Sawmills roads open cut specialty crossings
- Continued steep slope #6 excavation
- Completed pipe installation and remediation at watercourse crossing 1884 and 2020
- Continued ESC maintenance

### Section 8 West Look ahead\*

- Continue trenchless activities at 2090.00-WC, 2091.00-WC and 2096.00-WC
- Continue valley corridor grading, steep slope #6 civil work
- Continue South Hirsch Lowering-In
- Continue sheet pile installation in the DPI area
- Continue trench bay removal in Strawberry Meadows
- Complete Fab-4 watercourse crossing work
- Continue ESC maintenance

*\*All schedules are subject to change*



## Photo of the month

### Parsnip River marks the completion of 8 of 9 major water crossings

This month, Coastal GasLink is celebrating the successful, safe completion of the eighth major water crossing of the project. The 656 metre Parsnip River direct pipe installations (DPI) is the latest water crossing to be safely completed - a major milestone for Coastal GasLink as construction progresses towards project completion in 2023. By installing the pipeline under the water body without touching the streambed or banks, the trenchless DPI crossing method sees minimal impact on the area of construction as the pipe is installed with a micro-tunnel boring machine. As a result, there is no impact to the flow of the river and streams.



## About Coastal GasLink's Construction Updates

Our construction updates include information on recent progress, activities that we expect over the next month and detailed section maps that help communicate where project infrastructure is located and where activities are happening.

### Check us out!

Find information, such as Construction Updates and an interactive map, on [CoastalGasLink.com](https://CoastalGasLink.com).

## Keep in touch and learn more

We want to make sure you have access to the information you need about the project. Here are the many ways you can reach out and learn more:



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