

Construction Update

Coastal GasLink

September 18, 2020

Numbers as available at the end of August 2020 unless otherwise noted

Construction highlights

Coastal GasLink continues to ramp up with more activity — and more workers — across the project right-of-way.

Kitimat Direct Pipe Installation complete

Protecting water and aquatic life throughout construction and into operations is paramount and we use state-of-the-art technology and methods to help us do that. **Direct Pipe Installation (DPI)** is a highly specialized trenchless construction method that installs pipe underneath a waterway and in late August, we completed the first DPI near Kitimat, located on the west end of the Coastal GasLink route. DPI installations along the Coastal GasLink route will vary from 325 metres to 535 metres in length. Find out more about water crossings at [CoastalGasLink.com](https://www.coastalgaslink.com).

Clearing underway along the entire right-of-way

The **first stage of pipeline construction** — clearing — is now officially underway (and complete in some locations) along all sections of the right-of-way. In August, Section 7 joined in clearing activities along the Coastal GasLink route.

Workforce accommodations operational in all eight sections

This month marks the first time workforce accommodations in each of our sections are operational with Sanataa Lodge (Section 1) and Huckleberry Lodge (Section 7) welcoming Coastal GasLink workforce members. A new and unique program - the Community Workforce Accommodation Advisor (CWAA) Program — is being launched at new and existing sites to enhance the experience of workers and provide opportunities for neighboring Indigenous communities. Read more on [CoastalGasLink.com](https://www.coastalgaslink.com).

Field workforce adds almost 1,000 workers

We're employing workers from across B.C., with an additional 1,000 women and men in the field in September compared to the end of July. Information on the diverse employment and contracting opportunities available can be found at [CoastalGasLink.com/employment](https://www.coastalgaslink.com/employment).

Performance at a glance:



26.6%

Overall progress*



9.5%

Construction progress



2,849

workers across the project right-of-way as of Sept. 5, 2020

*includes all engineering, procurement and construction activities

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:



89%
cleared, includes
right-of-way and
ancillary sites



44%
of grading
completed



6.5%
of pipe installed, includes
activities from stringing
through to backfilling



55
workers at
Sanataa Lodge

Section 1

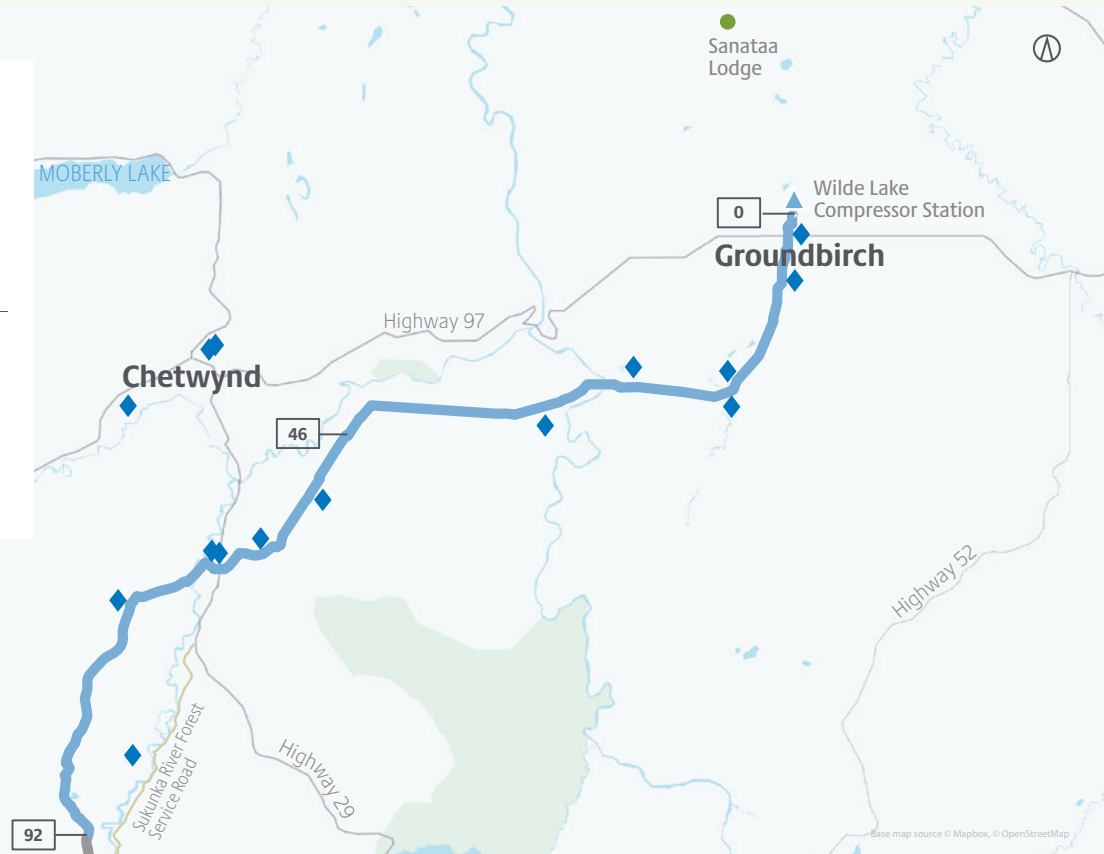
Location: West of Dawson Creek to south of Chetwynd

Length: 92 kilometres

Prime Contractor: Surerus Murphy Joint Venture

Workforce Accommodations: One Workforce Accommodation – Sanataa Lodge

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



Key activities:

- Sanataa Lodge opening
- Mainline pipe activities commenced
- Continued access, clearing, grubbing and grading
- Pipe crossing under Highway 97 and a CN railroad track completed

Look ahead*:

- Ongoing environment and erosion control management
- Continued access road upgrades including Road 269 heading north of Highway 97 for 2.5 km until mid-October
- Reduced traffic speeds on Lone Prairie road from September 17-25 to accommodate construction activity between KP 6 and 6.4
- Continued grading activities
- Ongoing clearing and pipe installation; increased pipe delivery traffic between storage sites and the right-of-way
- Drone and controlled blasting activities as required
- Ongoing pipe installation

**All schedules are subject to change*

Did you know?

Sanataa Lodge is our workforce accommodation site for the construction of the Wilde Lake **Compressor Station**. In August, 50 workers were working on the facility site.

2 Section 2: Monthly Construction Update

At a glance:



77%
cleared, includes
right-of-way and
ancillary sites



0%
of grading
completed



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



139
workers at
Sukunka Lodge

Section 2

Location: South of Chetwynd to east of McLeod Lake

Length: 48 kilometres

Prime Contractor: Surerus Murphy Joint Venture

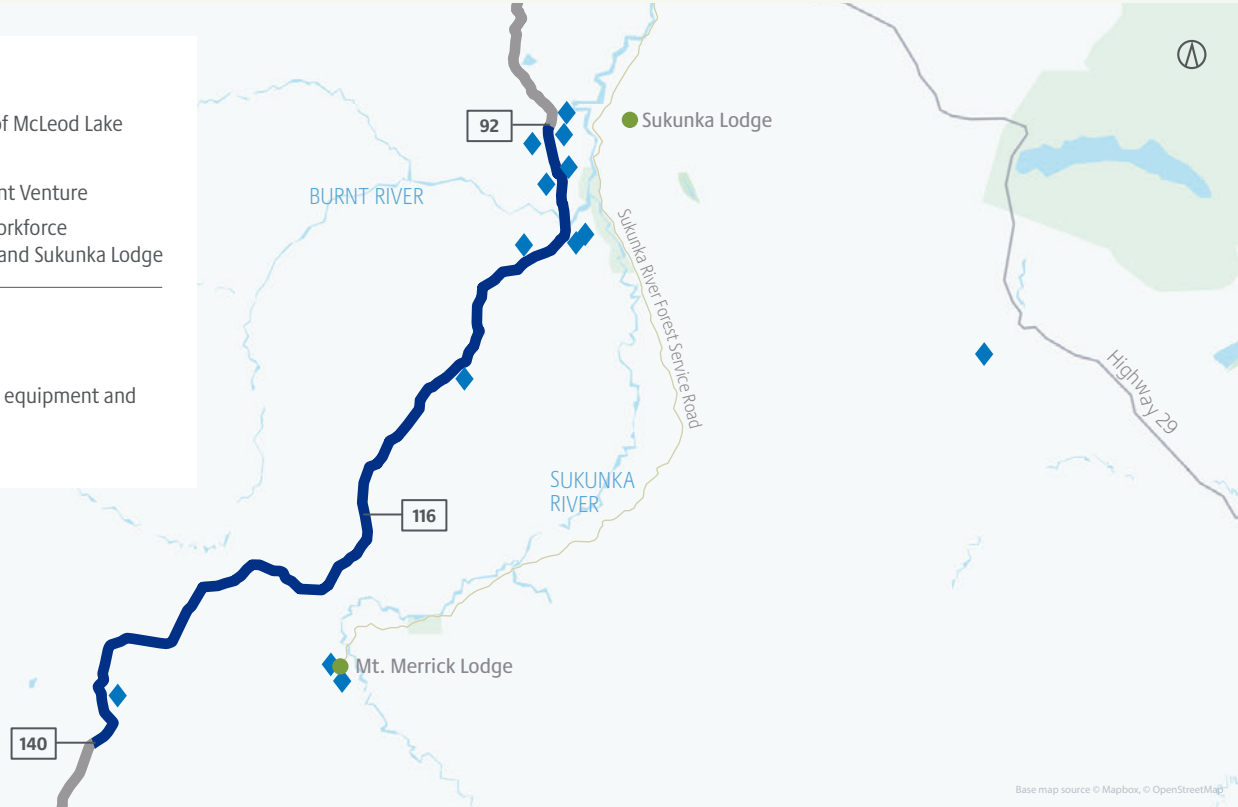
Workforce Accommodations: Two Workforce Accommodations – Mt. Merrick Lodge and Sukunka Lodge

■ Project Right-of-Way (Section 2)

● Workforce Accommodation Site

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

□ Kilometre Post Markings (KP)



Key activities:

- Sukunka Lodge reopened
- Continued access, clearing and grubbing

Look ahead*:

- Ongoing environment and erosion control management
- Begin civil works at Mt. Merrick Lodge
- Increased traffic from storage sites to route to transport pipe
- Drone and controlled blasting activities as required

**All schedules are subject to change*

Did you know?

We continue to follow Dr. Bonnie Henry's guidance, and work with Northern Health as we progress construction activities. We have dedicated, 24/7 on-site medical services within all our lodges and worksites, reduced occupancy at all workforce sites, enhanced mandatory pre-screening and daily temperature checks. Learn about our on-site medical service provider, International SOS, and the measures we have in place by visiting CoastalGasLink.com/Safety.

3 Section 3: Monthly Construction Update

At a glance:



69% cleared, includes right-of-way and ancillary sites



0% of grading completed



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



269 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 Right-of-Way (Section 3)

● Workforce Accommodation Site

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

□ Kilometre Post Markings (KP)



Key activities:

- Construction of helipads to support clearing from KP 140 to 172
- Expansion of Parsnip Lodge continued

Look ahead*:

- Ongoing environment and erosion control management
- Ongoing expansion of Parsnip Lodge
- Start heli-logging
- Begin preparations for Crooked River DPI
- Increased traffic from storage sites to route to transport pipe
- Drone and controlled blasting activities as required
- Pipe stringing beginning mid-October; welding beginning late-October

**All schedules are subject to change*

4 Section 4: Monthly Construction Update

At a glance:



98% cleared, includes right-of-way and ancillary sites



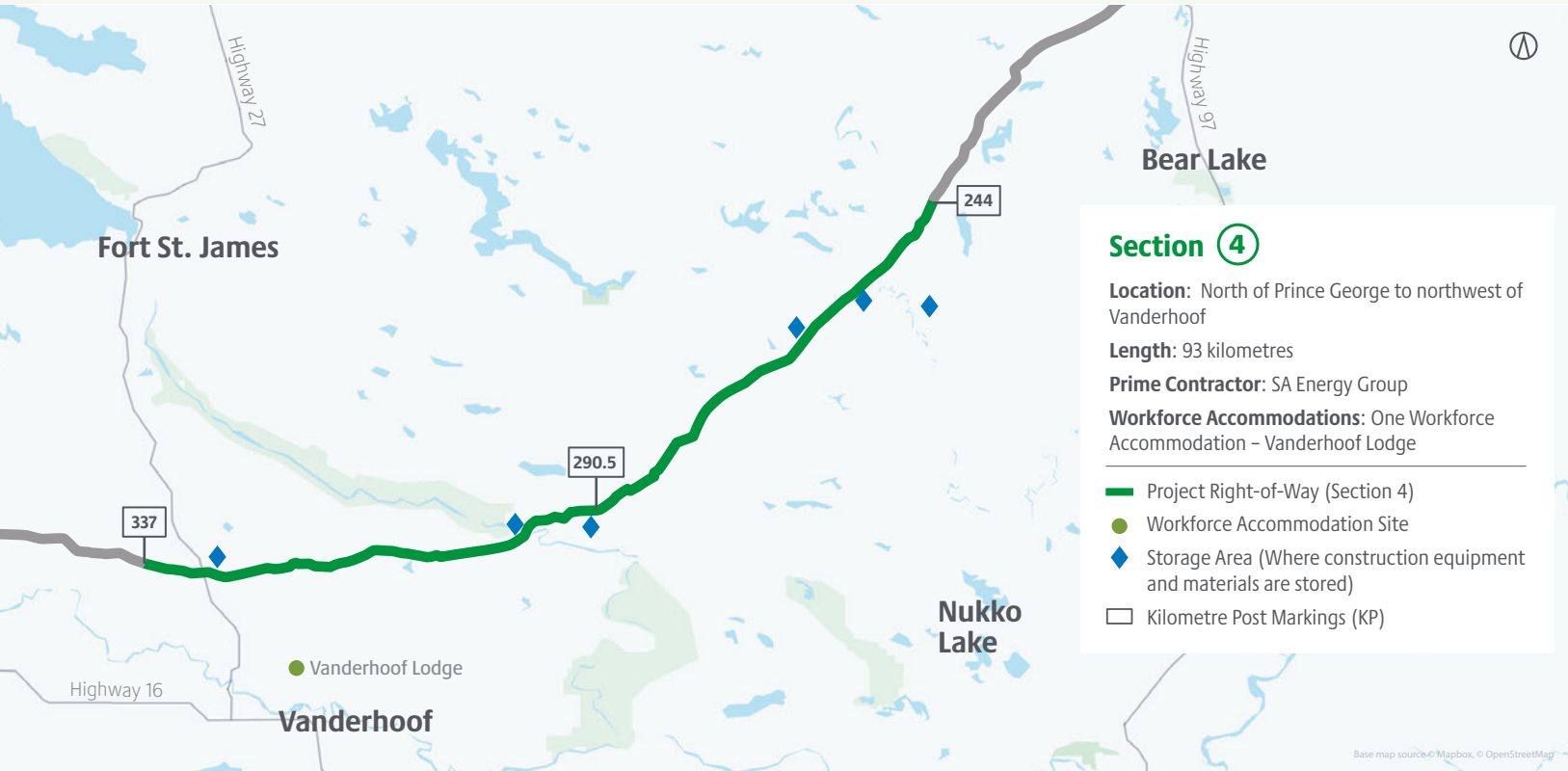
39% of grading completed



2.9% of pipe installed, includes activities from stringing through to backfilling



641 workers at Vanderhoof Lodge



Key activities:

- Completed Vanderhoof Lodge construction
- Began pipe installation along the route, including welding
- Continued clearing, access, grubbing, grading and stringing

Look ahead*:

- Ongoing pipeline installation along right-of-way; begin lowering in pipe
- Road and bridge upgrades as required
- Increased traffic from storage sites to route to transport pipe
- Drone activities as required

**All schedules are subject to change*

Did you know?

Welding is the fourth of the eight stages of pipeline construction. Welders join pipe segments together and each weld is inspected and certified using X-ray or ultrasonic technology. The **entire process** for installing segments of pipe can happen over a few days to weeks, including backfilling the trench.

5 Section 5: Monthly Construction Update

At a glance:



100% cleared, includes right-of-way and ancillary sites



0% of grading completed



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



78 workers at Little Rock Lake Lodge

Section 5

Location: North of Vanderhoof to south of Burns Lake

Length: 82 kilometres

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

Workforce Accommodations: One Workforce Accommodation – Little Rock Lake Lodge

— Project Right-of-Way (Section 5)

● Workforce Accommodation Site

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

□ Kilometre Post Markings (KP)



Key activities:

- Ongoing erosion and sediment control monitoring, as well as access works
- Pipe delivered to area storage sites
- Expansion of Little Rock Lake Lodge underway

Look ahead*:

- Begin mainline pipe installation activities in September 2020
- Ongoing sediment and erosion control and completion of storage sites to accommodate pipe and material arrival
- Continue work on expanding Little Rock Lake Lodge
- Grubbing and grading along right-of-way
- Access works
- Increased pipe delivery traffic between storage sites and the right-of-way
- Drone activities as required

**All schedules are subject to change*

Did you know?

Coastal GasLink uses drones to survey route topography for clearing activities. Drones provide an efficient and unobtrusive way to view the project corridor including conditions and terrain. All drone operations are done in accordance with provincial and federal regulations. Visit our interactive map at map.coastalgaslink.com for regular construction updates.

6 Section 6: Monthly Construction Update

At a glance:



97%
cleared, includes
right-of-way and
ancillary sites



15%
of grading
completed



0.4%
of pipe installed, includes
activities from stringing
through to backfilling



365
workers at 7 Mile
Lodge



Key activities:

- Pipe installation underway with the start of stringing and preparation for bending and welding
- Right-of-way grubbing and grading continued
- Continued erosion and sediment control monitoring, access preparation, and receipt of pipe
- Continued main phase construction at 7 Mile Lodge

Look ahead*:

- Continue access, grubbing, grading and pipe stringing works
- Commence pipe bending and welding
- Complete remaining clearing areas and log hauling
- Complete main phase of 7 Mile Lodge construction as required
- Increased traffic from storage sites to route to transport pipe
- Drone and controlled blasting activities as required

**All schedules are subject to change*

7 Section 7: Monthly Construction Update

At a glance:



15% cleared, includes right-of-way and ancillary sites



0% of grading completed



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



101 workers at Huckleberry Lodge

Section 7

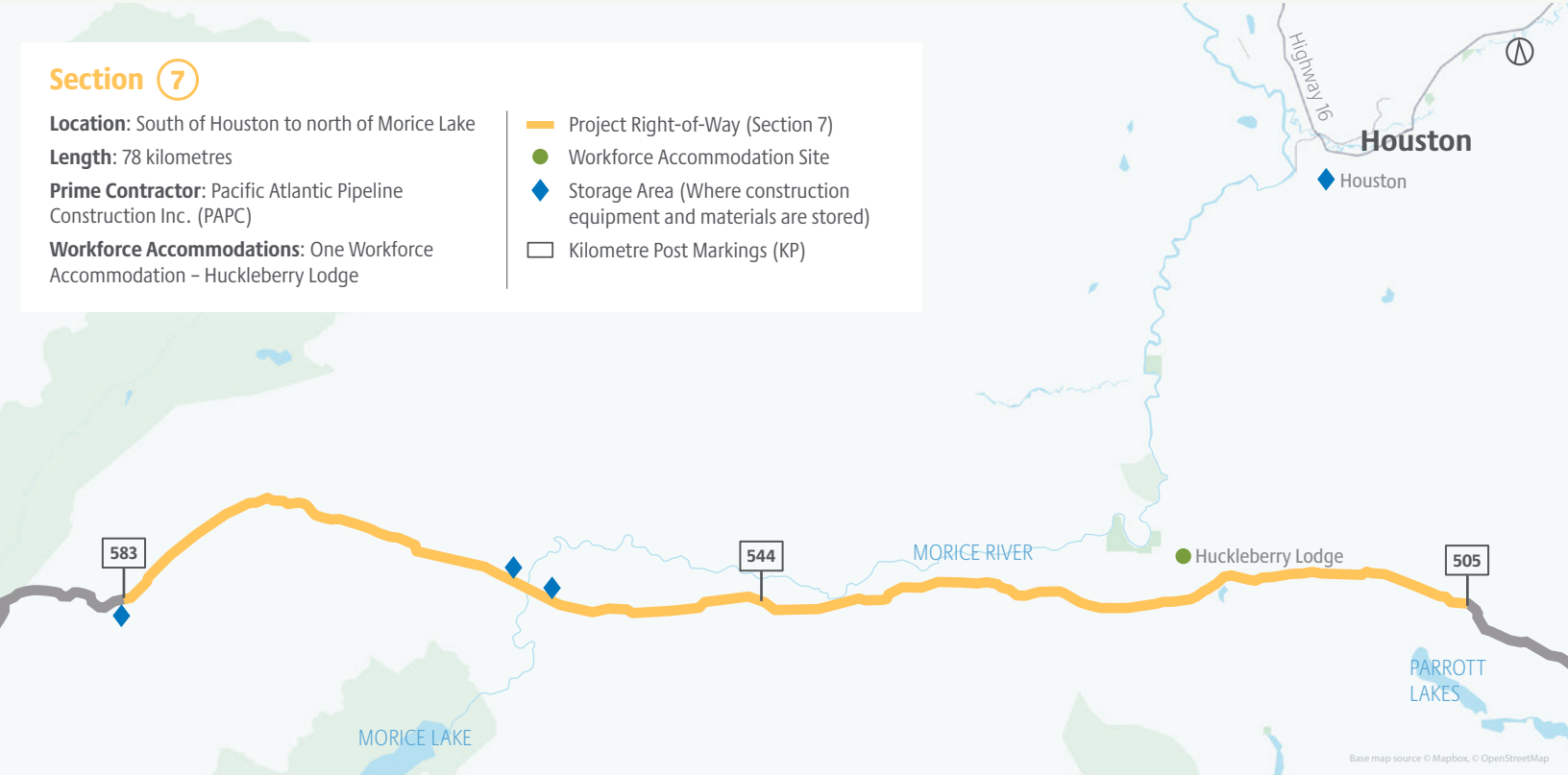
Location: South of Houston to north of Morice Lake

Length: 78 kilometres

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

Workforce Accommodations: One Workforce Accommodation – Huckleberry Lodge

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



Key activities:

- Commenced right-of-way clearing
- Opened Huckleberry Lodge
- Enhancements underway at Houston Storage Site
- Material extraction from borrow site PBS 55

Look ahead*:

- Ongoing right-of-way clearing
- Increased traffic from storage sites to route to transport pipe
- Ongoing enhancements at Houston Storage Site
- Drone and controlled blasting activities as required

**All schedules are subject to change*

Did you know?

Clearing on the Section 7 right-of-way means that all Coastal GasLink sections now have route clearing underway, or in some cases, like Section 5, completed.

8 Section 8: Monthly Construction Update

At a glance:



69%
cleared, includes
right-of-way and
ancillary sites



29%
of grading
completed



0.8%
of pipe installed, includes
activities from stringing
through to backfilling



346
workers at Sitka
Lodge and Hunter
Creek Lodge

Section 8

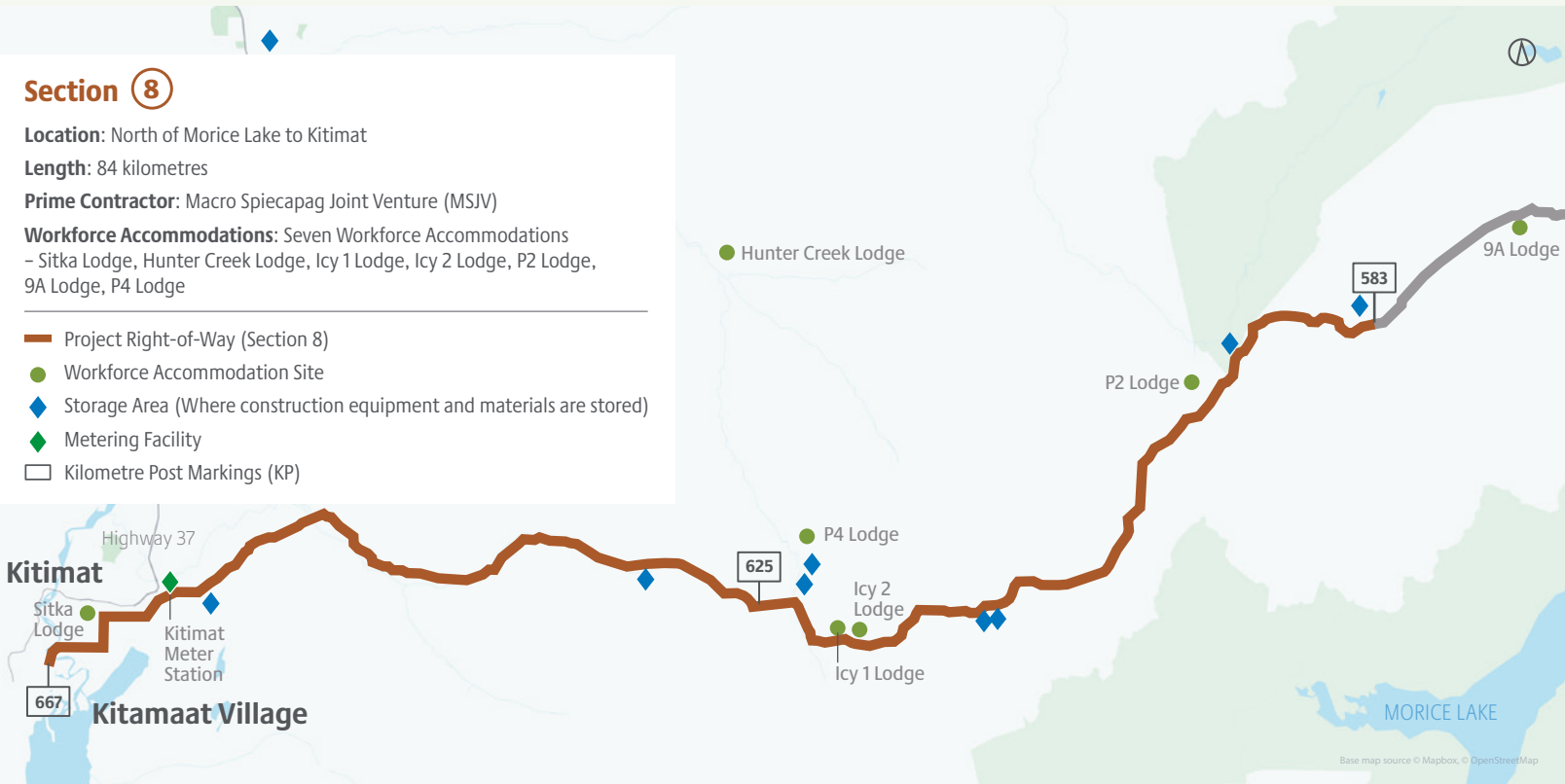
Location: North of Morice Lake to Kitimat

Length: 84 kilometres

Prime Contractor: Macro Spiecapag Joint Venture (MSJV)

Workforce Accommodations: Seven Workforce Accommodations – Sitka Lodge, Hunter Creek Lodge, Icy 1 Lodge, Icy 2 Lodge, P2 Lodge, 9A Lodge, P4 Lodge

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



Key activities:

- Completed crossing of Kitimat River by DPI
- Pipe welding at LNG Canada connector site
- Road works and general maintenance along Kitimat region roads
- Ongoing clearing in Kitimat area, with grading and blasting as required
- 9A Lodge construction activities continued
- Ongoing road maintenance as well as erosion and sediment control

Look ahead*:

- Continue right-of-way preparation such as clearing, drone and controlled blasting activities as required
- Continue grading
- Continue development at 9A Lodge
- Pipe installation to continue at LNG Canada connector site; increased traffic from storage sites to route to transport pipe

**All schedules are subject to change*



Photo of the month

Section 4 pipe being prepared for lowering in

Mainline pipe installation continues along the route, with crews recently lowering the first 600-metres of pipe in Section 4 near Vanderhoof. Learn more about construction progress by visiting CoastalGasLink.com, or following us [@CoastalGasLink](https://twitter.com/CoastalGasLink).



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.

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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CoastalGasLink.com



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coastalgaslink@tcenergy.com



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Visit our community office:
Prince George
760 Kinsmen Place

Coastal GasLink

