

Construction Update

November 22, 2021

Numbers as available at the end of October 2021 unless otherwise noted

Coastal GasLink

Monthly Highlights

Injunction Enforcement

At Coastal GasLink our top priority is the safety of our workforce, contractors, and the Indigenous and non-Indigenous community members. Our project is fully permitted and has unprecedented support and agreements with 20 elected Indigenous groups. Recently, illegal blockades around the Morice River put our workforce and public safety at serious risk and enforcement activities were necessary to end any interference with Coastal GasLink's permitted construction activities. Following enforcement by RCMP, all obstacles have been cleared and access to our lodges and public forestry roads have been restored and construction activities have resumed. The project currently has over 5,000 workers and unprecedented support from local and Indigenous communities who will benefit from jobs and economic opportunities.

CoastalFITLink Challenge

Coastal GasLink recently developed the fitness-focused CoastalFITLink Challenge. The challenge encourages the workforce to stay active into the Fall and Winter. Since the start of the CoastalFITLink Challenge in October, over 100 participants have joined as each construction section and our Calgary and regional offices competed against each other to log the most activity. So far, the workforce has logged over 700 hours and counting as they progress through the challenge, which concludes at the end of November. Keeping our workforce healthy physically and mentally is just one way we are putting the wellness of our workforce first.

Take a look at our Photo of the month on page 10 to learn more about our latest successful Direct Pipe Installation at Salmon River.

Performance at a glance:



55.6%

Overall progress*

*includes all engineering, procurement and construction activities



43.8%

Construction progress



4,673

workers across the project route as of October 31, 2021

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



96.2%
of pipe installed, includes
activities from stringing
through to backfilling



209
workers at
Sanataa Lodge

Section 1

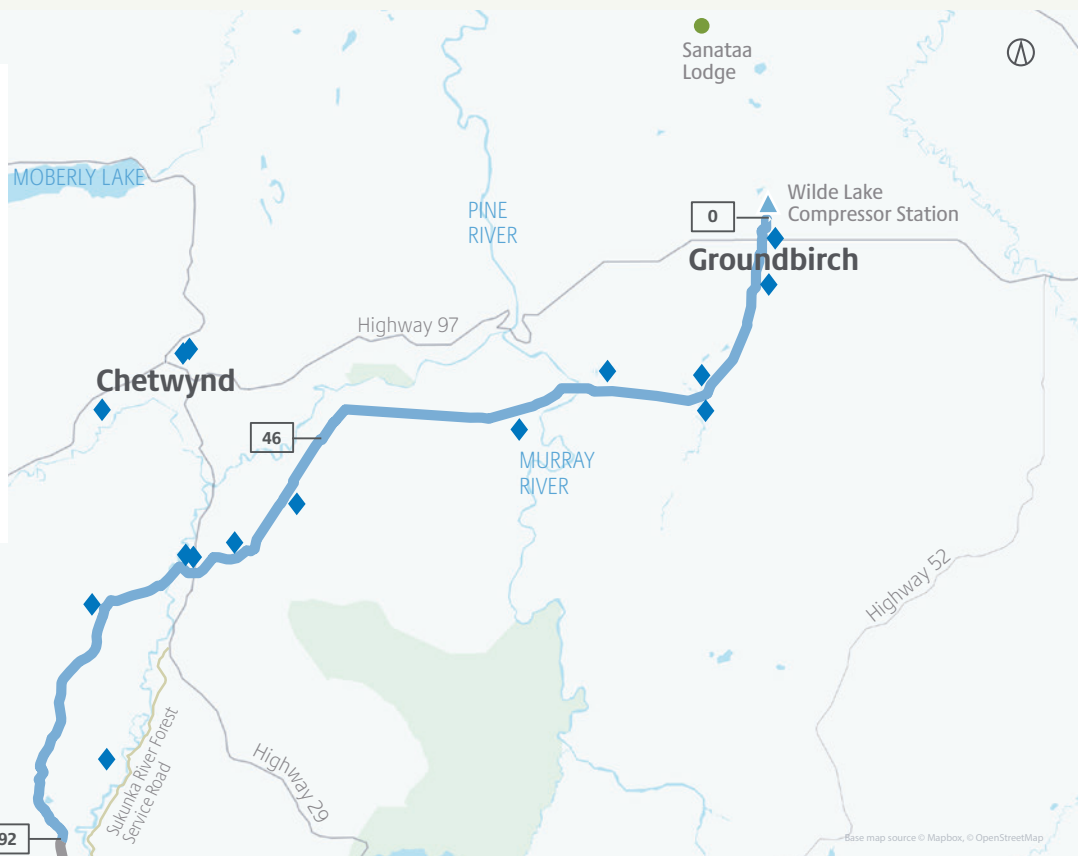
Location: West of Dawson Creek to south of Chetwynd

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:

- Continued mainline construction, water crossings, tie-ins and construction corridor clean-up within limits of weather and ground conditions
- Completed pipe pull-back at Sukunka River crossing
- Continued Erosion and Sediment Control (ESC) mitigation
- Completed Mainline Welding and Coating (tie-ins remaining)

Look ahead*:

- Continue tie-ins, water crossings, and construction corridor clean-up
- Continue ESC mitigation, prep for winter season

**All schedules are subject to change*

Wilde Lake Compressor Station

Key activities

- Compressor building installation substantially complete for all three units
- Wilde Lake overall construction surpassed 62%, site welding surpassed 60%
- Electrical and instrumentation work on track; cable tray/runs, terminations and grounding progressing
- Completion of off-site fabrication of pipe and structural steel

Look ahead*:

- Completion of building installation for all three units and heated storage building
- Piping installation and welding to continue
- Civil earthworks in preparation for winter season
- Electrical and instrumentation 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



75.1%

of grading completed



12.0%

of pipe installed, includes activities from stringing through to backfilling



574

workers at Sukunka and Mt. Merrick Lodges

Section ②

Location: South of Chetwynd to east of McLeod Lake

Length: 48 kilometres

Prime Contractor: Surerus Murphy Joint Venture

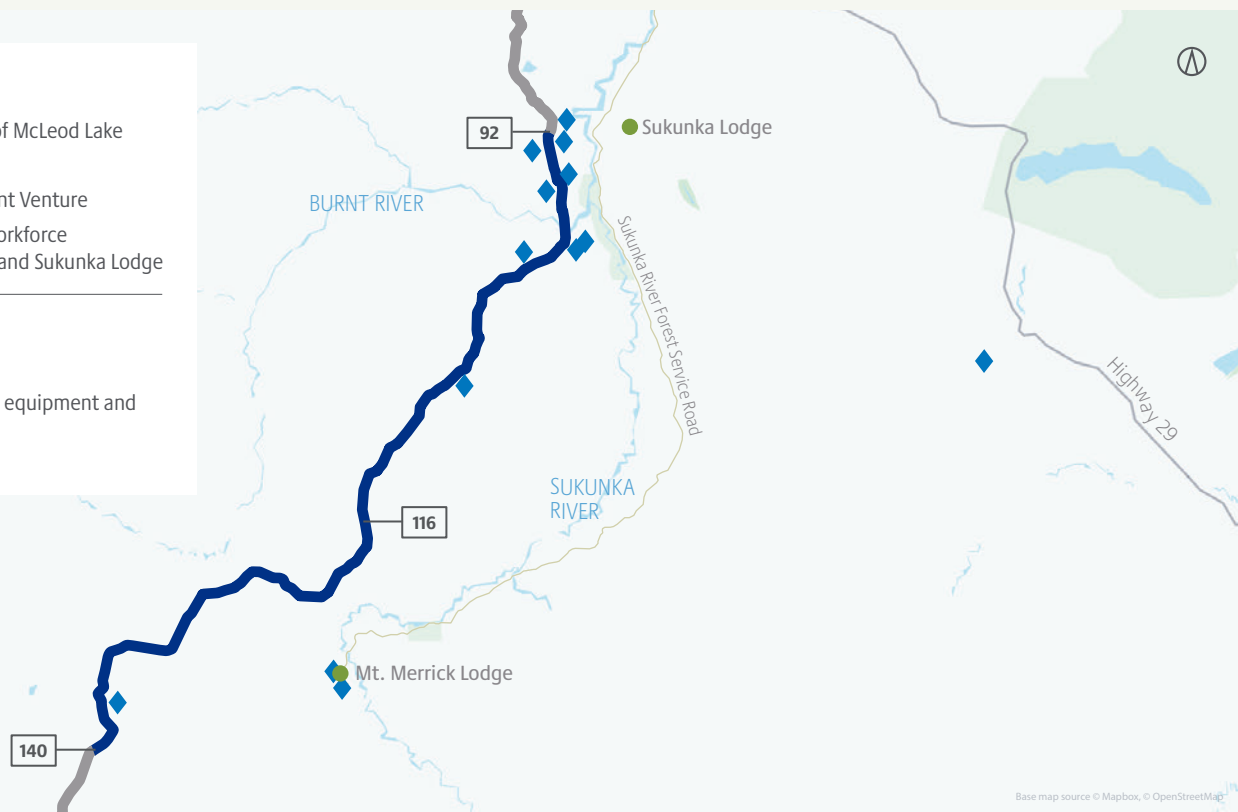
Workforce Accommodations: Two Workforce Accommodations – Mt. Merrick Lodge and Sukunka Lodge

— Project Route (Section 2)

● Workforce Accommodation Site

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

□ Kilometre Post Markings (KP)



Key activities:

- Continued ESC mitigation
- Progressing stripping, access, grading and Special Section works at Burnt Mountain and Mount Merrick

Look ahead*:

- Continue stripping, access, grading, blasting, trenching, lower-in and backfill
- Resume mainline pipeline installation
- Progress Burnt Mountain and Mount Merrick Special Section works
- Continue ESC mitigation

**All schedules are subject to change*

3 Section 3: Monthly Construction Update

At a glance:



99.7%
cleared, includes
project route and
ancillary sites



46.5%
of grading
completed



22.9%
of pipe installed, includes
activities from stringing
through to backfilling



936
workers at
Parsnip Lodge

Section 3

Location: East of McLeod Lake to north of Prince George

Length: 104 kilometres

Prime Contractor: SA Energy Group

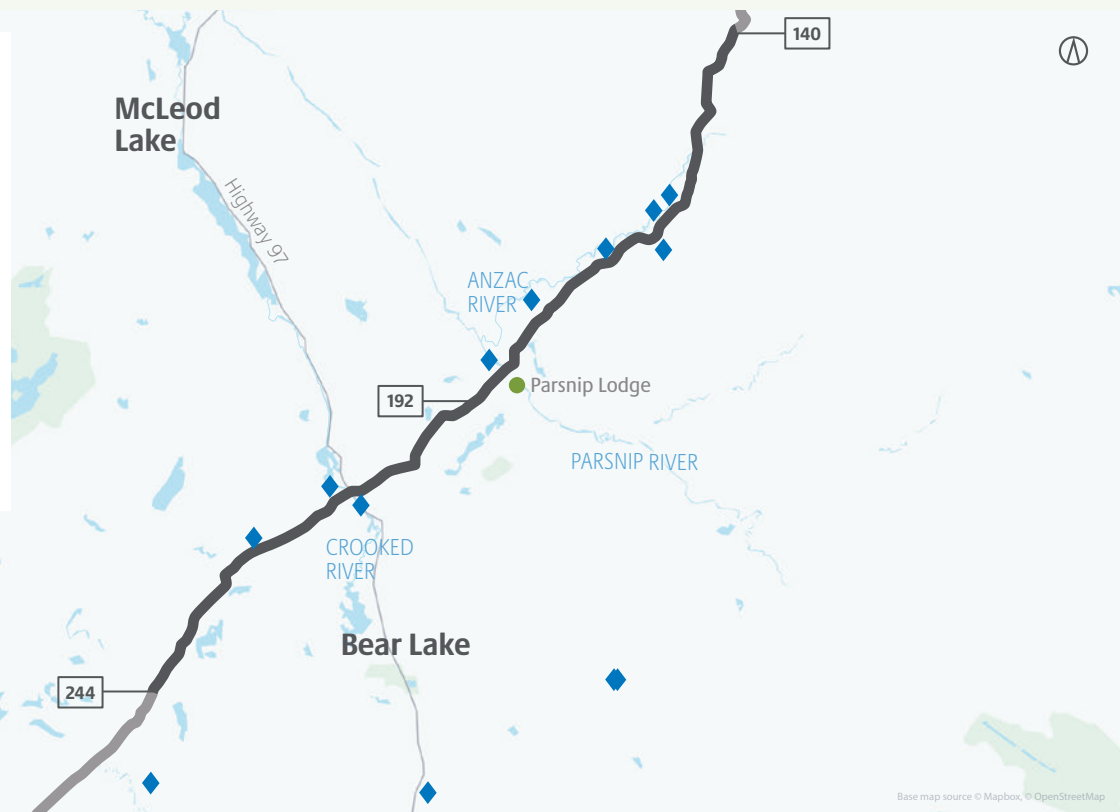
Workforce Accommodations: One Workforce Accommodation – Parsnip Lodge

— Project Route (Section 3)

● Workforce Accommodation Site

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

□ Kilometre Post Markings (KP)



Key activities:

- SA Energy implemented a shutdown of mainline crews on both sections through the month due to saturated pipeline corridor conditions that posed significant safety and environmental risks
- Continued activities related to grading, stringing, bending, trenching, lowering-in, backfill and tie-in work
- Ditch and grade rock blasting ongoing
- Parsnip DPI launch pad prepared and strings in place and welded
- Continue ESC mitigation

Look ahead*:

- Return to full mainline activities after shutdown
- Continue blasting and removal of ditch rock
- Mobilize Parsnip DPI contractor for kick-off and set-up complete string pre-testing
- Continue ESC mitigation

**All schedules are subject to change*

4 Section 4: Monthly Construction Update

At a glance:



100%
cleared, includes
project route and
ancillary sites



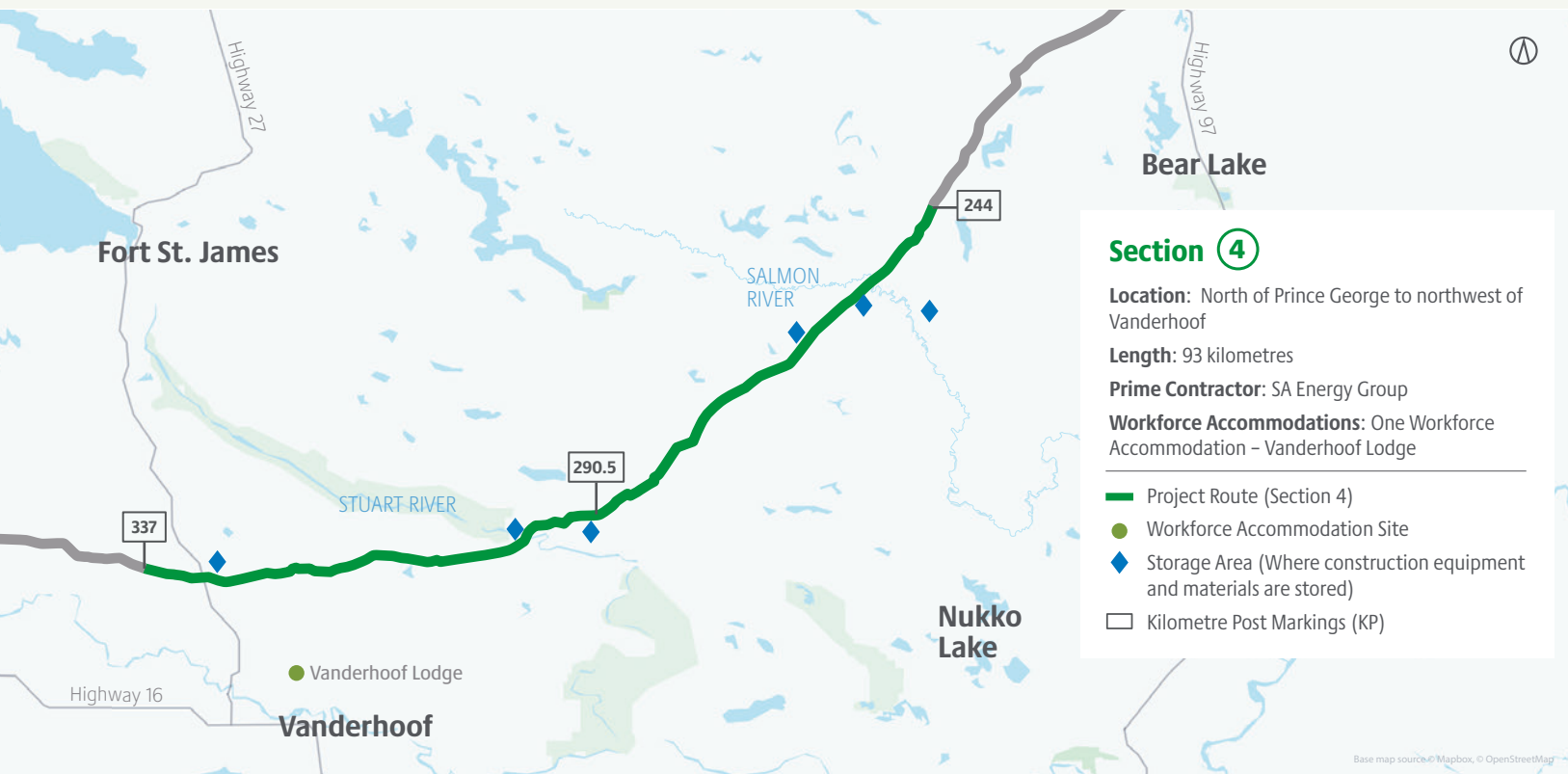
100%
of grading
completed



99.1%
of pipe installed, includes
activities from stringing
through to backfilling



0
workers at
Vanderhoof Lodge



Key activities:

- Continue progressing tie-ins, machine clean-up and final clean-up, as well as mainline activities
- Integrity dig program for the in-line inspection (ILI) tool run ongoing
- Sheet piling ongoing in Loop 2
- Clear Creek mainline block valve (MLBV) site work ongoing
- Salmon River DPI drilling completed
- Vanderhoof Lodge de-mobilization ongoing
- Continue ESC mitigation

Look ahead*:

- Continue integrity dig program for ILI tool run
- Continue sheet piling, tie-ins, coating, machine clean-up and final clean-up
- Continue de-mobilization of Vanderhoof Lodge
- Continue fabrication and valve installation at Clear Creek MLBV site
- Complete Salmon River DPI de-mobilization
- Continue ESC mitigation

**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



37.8%

of pipe installed, includes activities from stringing through to backfilling



88

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 Route (Section 5)

● Workforce Accommodation Site

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

□ Kilometre Post Markings (KP)



Key activities:

- Continued with trenching, lowering-in and backfill; tie-in and repair welding ongoing
- ESC monitoring and maintenance

Look ahead*:

- Continue with trenching, lowering-in and backfill; tie-in and repair welding ongoing
- 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



66.3%

of grading completed



26.8%

of pipe installed, includes activities from stringing through to backfilling



421

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 with access, grubbing, grading, stringing, trenching and backfill
- ESC monitoring and maintenance

Look ahead*:

- Continue ESC monitoring and maintenance
- Grubbing-Stripping, grading, bending, stringing, and backfill

**All schedules are subject to change*

7 Section 7: Monthly Construction Update

At a glance:



92.4%
cleared, includes
project route and
ancillary sites



4.1%
of grading
completed



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



319
workers at
Huckleberry Lodge

Section 7

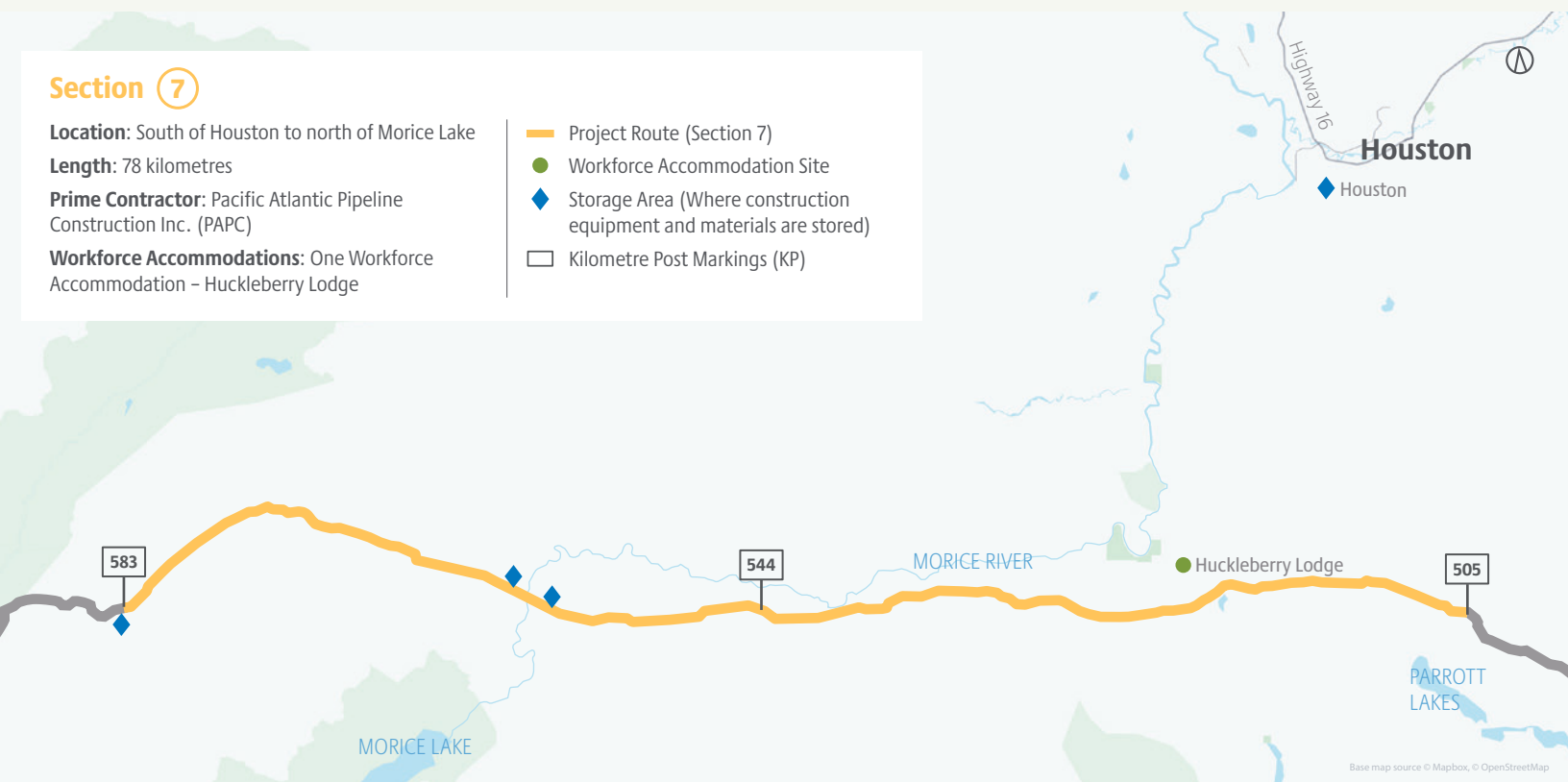
Location: South of Houston to north of Morice Lake

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:

- ESC monitoring and maintenance
- Continued with access, grubbing, grading, and re-mulching
- Counterbores in Houston Pipe Yard
- Protestor activity impacted civil work east of Morice River

Look ahead*:

- Support for ESC maintenance
- Continue clearing activities
- Continue grubbing, stripping, and access activities

**All schedules are subject to change*

8 Section 8: Monthly Construction Update

At a glance:



89.4%
cleared, includes
project route and
ancillary sites



65.2%
of grading
completed



15.6%
of pipe installed, includes
activities from stringing
through to backfilling



1,435
workers at Sitka,
Hunter Creek, P2
and 9A Lodges

Section 8

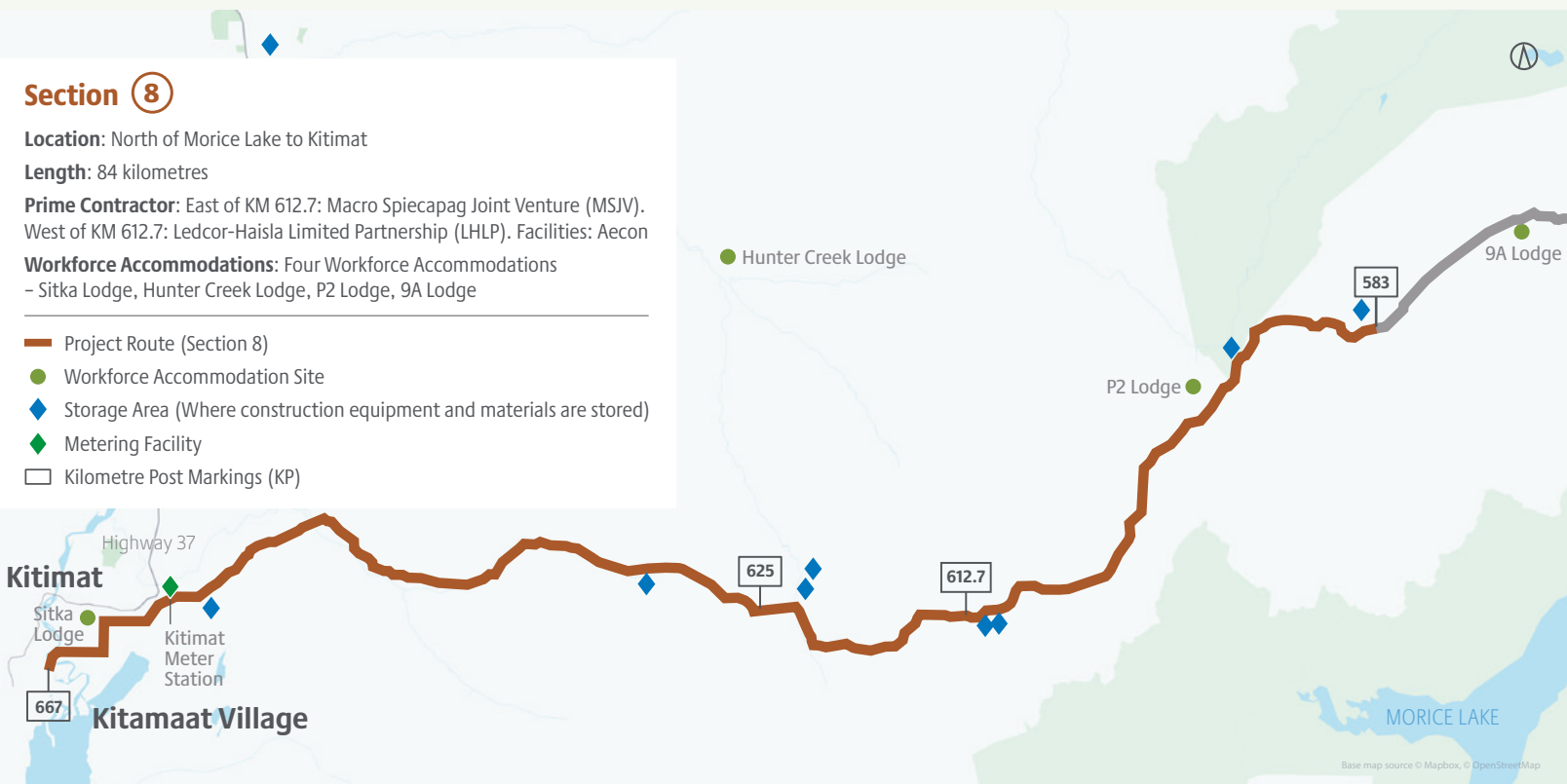
Location: North of Morice Lake to Kitimat

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:

- Pioneer trail/subgrade completion at 100%; machine access achieved to the end of Section 8 East
- Grading at Bernie Gorge
- Trenching crews continue
- Water Crossing 1747 (RR010- Lake 1 F area) was lowered in and backfilled
- Commenced mainline welding
- ESC work continues
- Protestor activity restricting progressable activity in Section 8 East

Section 8 East Look ahead:*

- Work resumption and ramp up in Section 8 East dependent on resolution of current on-site situation with protest activity
- Continued mainline activities and watercourse crossing work
- Continue ESC maintenance and planning for winterization

**All schedules are subject to change*

Section 8 West Key activities:

- Cable crane load testing complete, commissioning certification under review with Transport Canada
- Continued blasting, grading and mainline activities
- Completed 1906.00-WC crossing and bridge installation for isolation preparation at 2020.00-WC

Section 8 West Look ahead:*

- Complete Pine Creek and Elderberry Road auger bore
- Continue corridor grading, steep slope blasting and trenching, and mainline activities
- Continue ESC maintenance and winterization
- Begin instream works for 2020.00-WC and 1970.00-WC DFO crossings

**All schedules are subject to change*



Photo of the month

Coastal GasLink successfully and safely completed the Salmon River water crossing

It has been another exciting month for our Coastal GasLink crews as we completed the Salmon River Direct Pipe Installation (DPI) crossing. This process sees minimal impact on the area of construction as the pipe is installed along a designated route with a micro-tunnel boring machine that pulls the pipe through the tunnel. Our 670 km project route crosses many bodies of water, and we approach each one with the utmost care. At the Salmon River, and all bodies of water we may cross, we've conducted extensive studies and field work to determine the most environmentally responsible method to build our project.

You can learn more about our project and our commitment to the environment [here](#).



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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Visit our community office:
Prince George
760 Kinsmen Place

Coastal GasLink

