

Construction Update

June 18, 2021

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

Coastal GasLink

Construction highlights

Summer construction season is set to begin on the Coastal GasLink route

Our construction workforce continued to grow in May with a modest increase marking the end of spring break-up and the beginning of what's looking to be a busy summer construction season for Coastal GasLink. We expect our workforce numbers to grow into the fall to advance the project and complete several milestones on the horizon.

In May, we saw Section 1 reach 100% grading completion and in early June, the section was also the site of the successful implementation of the Murray River Horizontal Directional Drill (HDD) pipe installation. This 48-inch HDD is the largest of its kind for TC Energy and is our featured 'Photo of the Month.'

Another milestone we're looking forward to at the end of June is construction completion of the Kitimat Meter

Station. On May 30, the site completed its fourth successful hydrotest. Hydrotesting is the **sixth of seven stages that are a part of facilities construction**; this marks the first large bore pipe section at a Coastal GasLink facility to undergo field hydrotesting.

While we expect to share more construction progress and milestones this summer, safety continues to be our number one value. In late May, Coastal GasLink introduced Rapid Antigen Diagnostic (RAD) testing. These tests can yield COVID-19 results within 15 minutes to help prevent virus spread among our workforce. This testing precedes a downward trend among our workforce lodge population for active COVID-19 cases, with zero positive test results achieved in early June. COVID-19 vaccines are continuing to be offered at workforce lodges, including second doses, to help protect our workforce and the communities in which we work.

Performance at a glance:



43.9%

Overall progress*

*includes all engineering, procurement and construction activities



27.2%

Construction progress



1,627

workers across the project route as of May 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



72%
of pipe installed, includes
activities from stringing
through to backfilling



107
workers at
Sanataa Lodge

Section 1

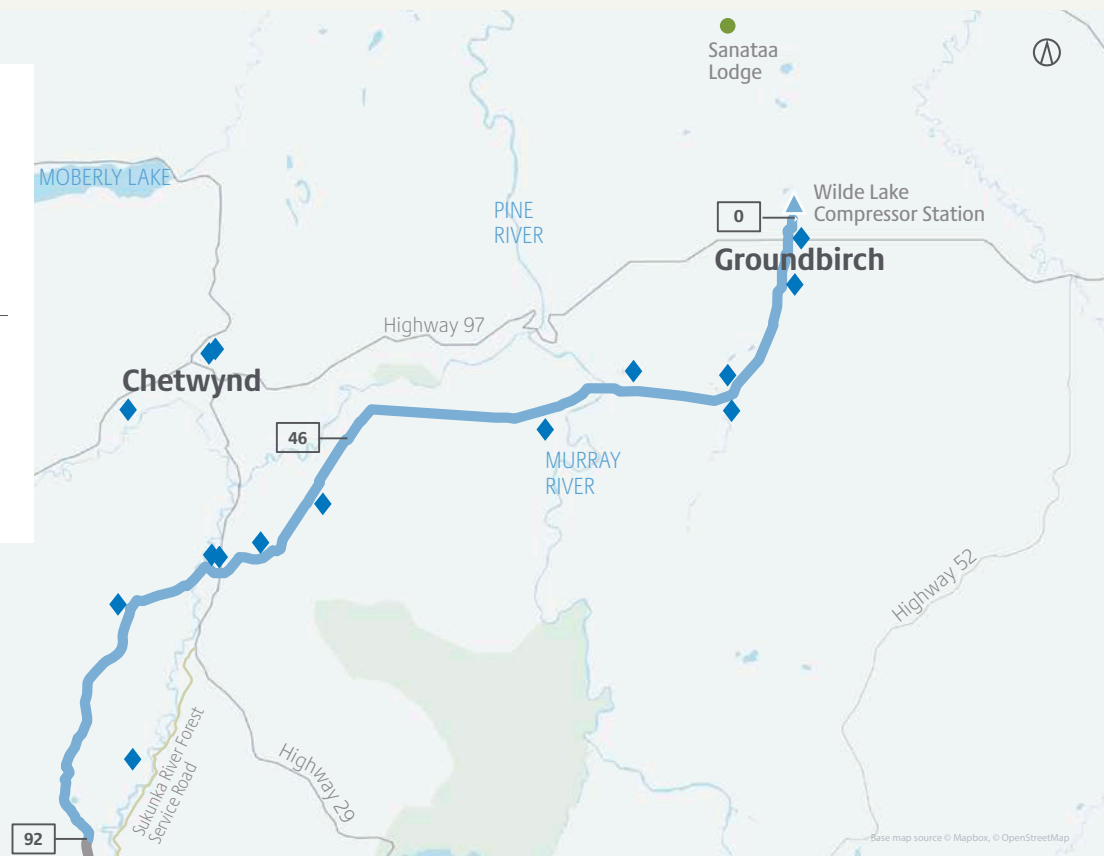
Location: West of Dawson Creek to south of Chetwynd

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:

- Completed grading across the section
- Completed 60" ream drilling bore for Murray River Horizontal Directional Drilling (HDD)
- Continued Erosion and Sediment Control (ESC) mitigation

Look ahead*:

- Complete installation of the Murray River HDD with pull-in pipeline segment (completed June 11)
- Resume Sukunka River HDD activities including casing installation and initiate pilot drilling
- Resume mainline pipeline construction activities including blasting, stringing, bending, welding and special section works

**All schedules are subject to change*

Wilde Lake Compressor Station

Key activities

- Continued civil, concrete and piping/structural installations
- Field welding of piping commenced
- Offsite fabrication (piping and structural steel) progressing

Look ahead*:

- Concrete foundation work to re-commence
- Continued onsite pipe and steel structure installations
- Continue auxiliary buildings delivery and integration
- Commence raising of the compressor unit building
- Fabrication of pipe and structural steel offsite

**All schedules are subject to change*

② Section 2: Monthly Construction Update

At a glance:



100%

cleared, includes project route and ancillary sites



11%

of grading completed



2.1%

of pipe installed, includes activities from stringing through to backfilling



223

workers at Sukunka Lodge

Section ②

Location: South of Chetwynd to east of McLeod Lake

Length: 48 kilometres

Prime Contractor: Surerus Murphy Joint Venture

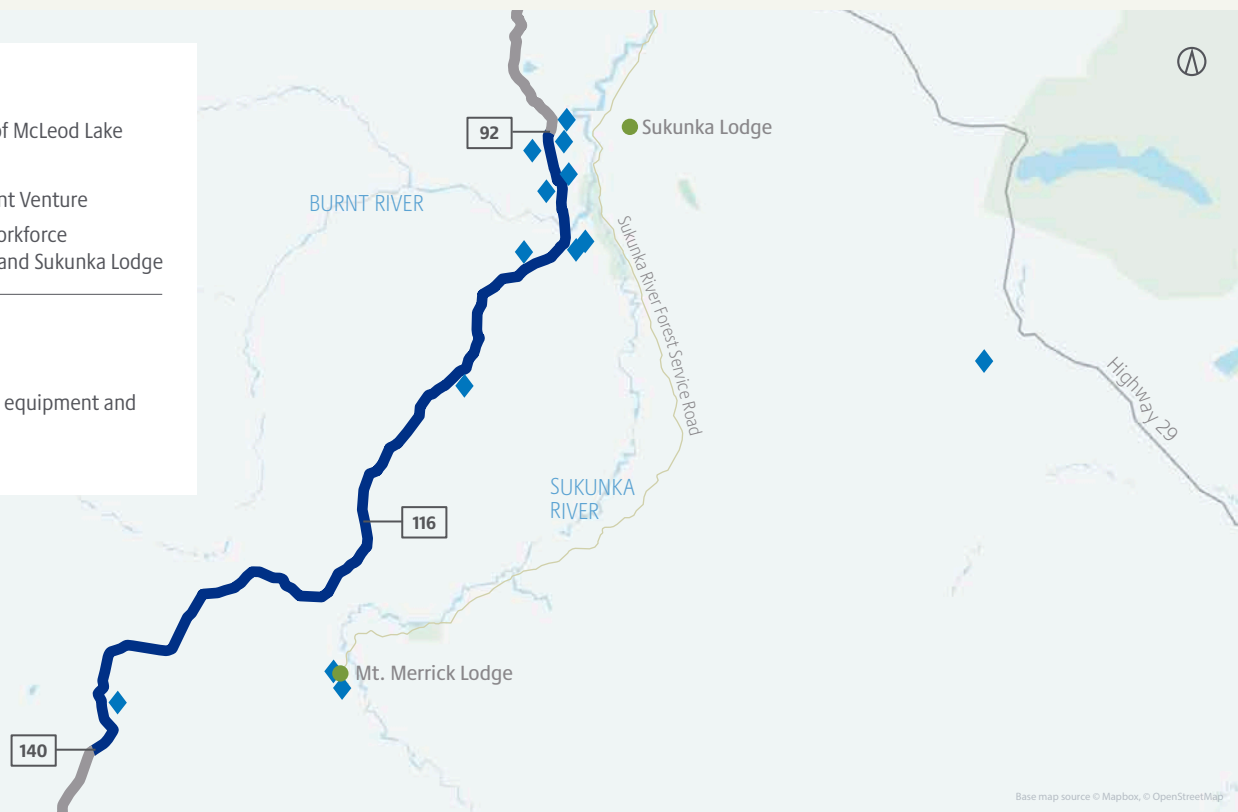
Workforce Accommodations: Two Workforce Accommodations – Mt. Merrick Lodge and Sukunka Lodge

— Project Route (Section 2)

● Workforce Accommodation Site

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

□ Kilometre Post Markings (KP)



Key activities:

- Completed ESC mitigation for the season
- Continued construction of Mt. Merrick Lodge

Look ahead*:

- Continue monitoring ESC mitigations
- Opening Mt. Merrick Lodge for operation scheduled for June
- Start mainline pipeline construction activities including access, topsoil stripping, grading, blasting, stringing, bending, welding, coating, trenching, lower-in and backfill

**All schedules are subject to change*

Did you know?

Mt. Merrick Lodge in Section 2 and P2 Lodge in Section 8 will be Coastal GasLink's final workforce lodges to be developed for the project. Occupancy of both lodges is slated for June 2021.

③ Section 3: Monthly Construction Update

At a glance:



94%
cleared, includes
project route and
ancillary sites



27%
of grading
completed



8.9%
of pipe installed, includes
activities from stringing
through to backfilling



26
workers at
Parsnip Lodge

Section ③

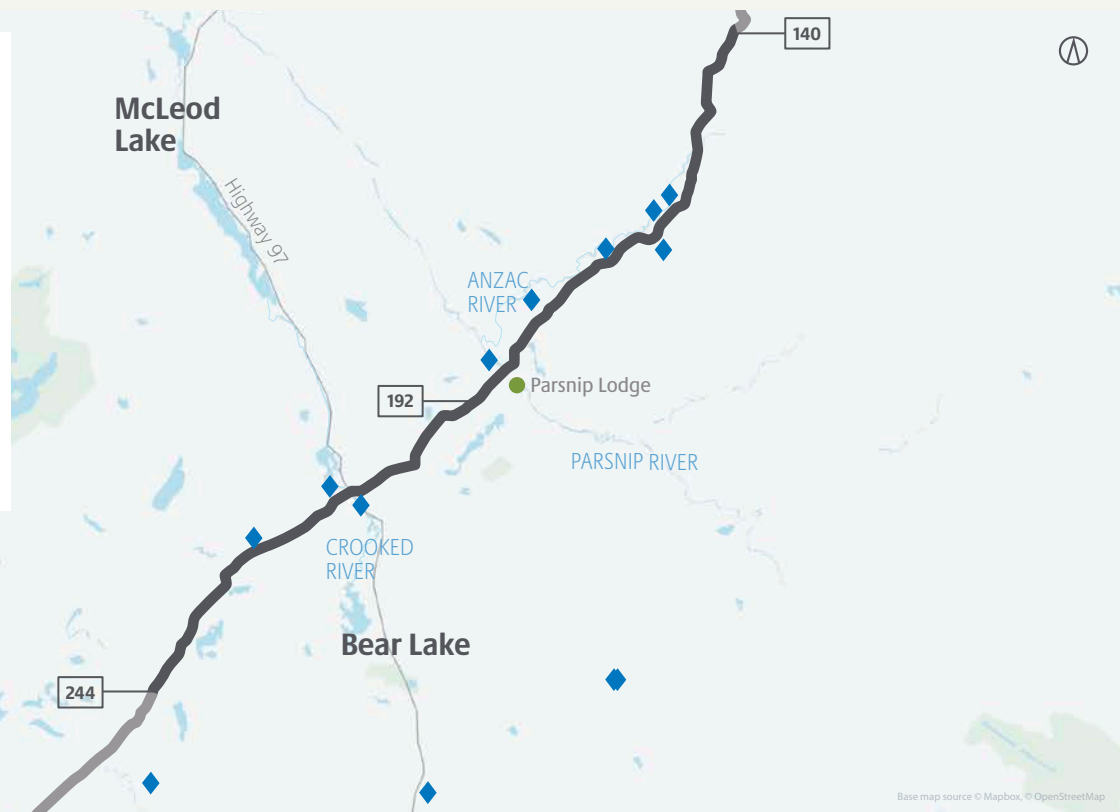
Location: East of McLeod Lake to north of Prince George

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:

- Parsnip Lodge closed for end of spring break-up
- Continued ESC mitigation

Look ahead*:

- Maintain ESC monitoring
- Reopen Parsnip Lodge
- Drone activities as required

**All schedules are subject to change*

4 Section 4: Monthly Construction Update

At a glance:



100%
cleared, includes
project route and
ancillary sites



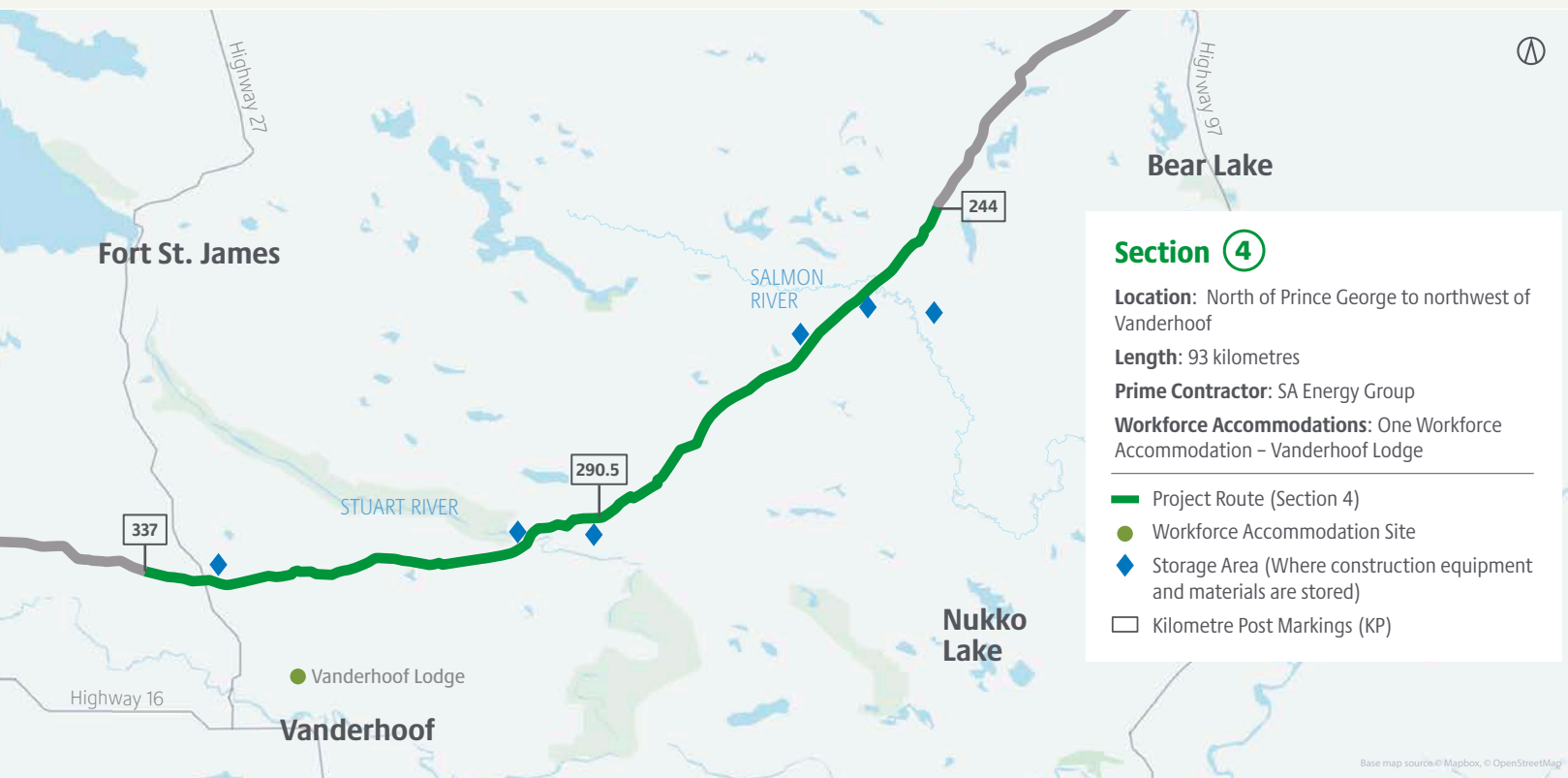
100%
of grading
completed



90%
of pipe installed, includes
activities from stringing
through to backfilling



272
workers at
Vanderhoof Lodge



Key activities:

- Continued ESC mitigation

Look ahead*:

- Maintain ESC monitoring
- Resume machine cleanup activities
- Drone activities as required

**All schedules are subject to change*

5 Section 5: Monthly Construction Update

At a glance:



100%

cleared, includes project route and ancillary sites



36%

of grading completed



5.5%

of pipe installed, includes activities from stringing through to backfilling



0

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:

- Little Rock Lake Lodge closed for end of spring break-up
- ESC monitoring and maintenance, as required
- Fencing work completed for pond and drainage works at Little Rock Lake Lodge

Look ahead*:

- Start access and grubbing/grading works
- Remobilization and qualification of welders
- Re-start mainline activities including bending, stringing and grading
- Re-open Little Rock Lake Lodge
- Drone and controlled blasting activities as required

**All schedules are subject to change*

6 Section 6: Monthly Construction Update

At a glance:



99%
cleared, includes
project route and
ancillary sites



56%
of grading
completed



17%
of pipe installed, includes
activities from stringing
through to backfilling



238
workers at 7 Mile
Lodge



Key activities:

- Limited access works ongoing
- ESC monitoring and maintenance, as required

Look ahead*:

- Remobilization and qualifications of welders
- Restart of mainline activities, including trenching, welding, coating and backfilling
- Drone and controlled blasting activities as required

**All schedules are subject to change*

7 Section 7: Monthly Construction Update

At a glance:



79%

cleared, includes project route and ancillary sites



0%

of grading completed



0%

of pipe installed, includes activities from stringing through to backfilling



129

workers at Huckleberry Lodge

Section 7

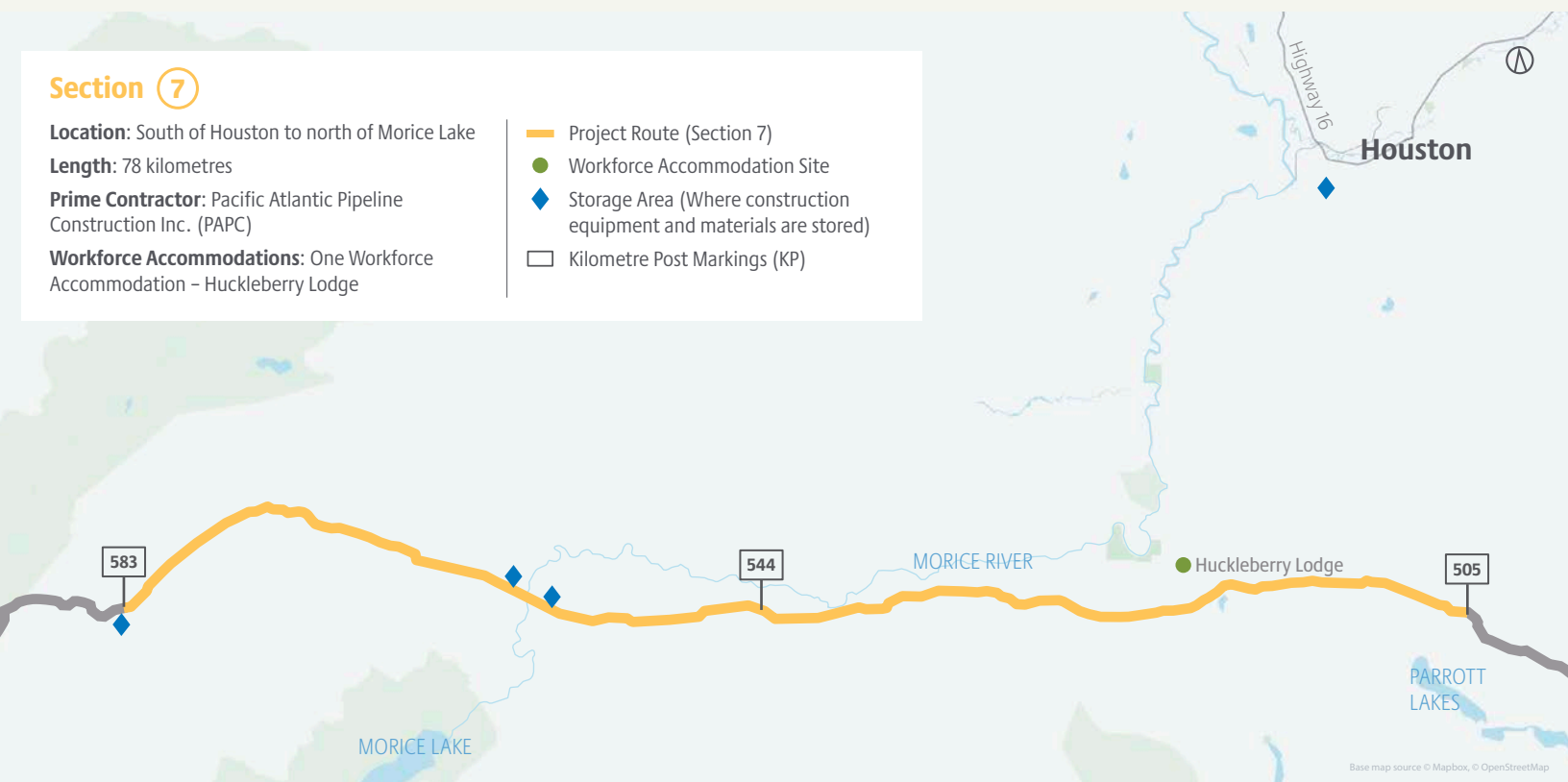
Location: South of Houston to north of Morice Lake

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:

- Ongoing clearing activities and associated access road work conducted as needed
- Ongoing civil works and ESC works at Huckleberry Lodge

Look ahead*:

- Continue clearing and support for ESC and compliance activities
- Start construction of Huckleberry accommodation main phase
- Preparations to start access and grading works
- Drone and controlled blasting activities as required

**All schedules are subject to change*

8 Section 8: Monthly Construction Update

At a glance:



77%

cleared, includes project route and ancillary sites



39%

of grading completed



5%

of pipe installed, includes activities from stringing through to backfilling



350

workers at Sitka Lodge, Hunter Creek Lodge and 9A Lodge

Section 8

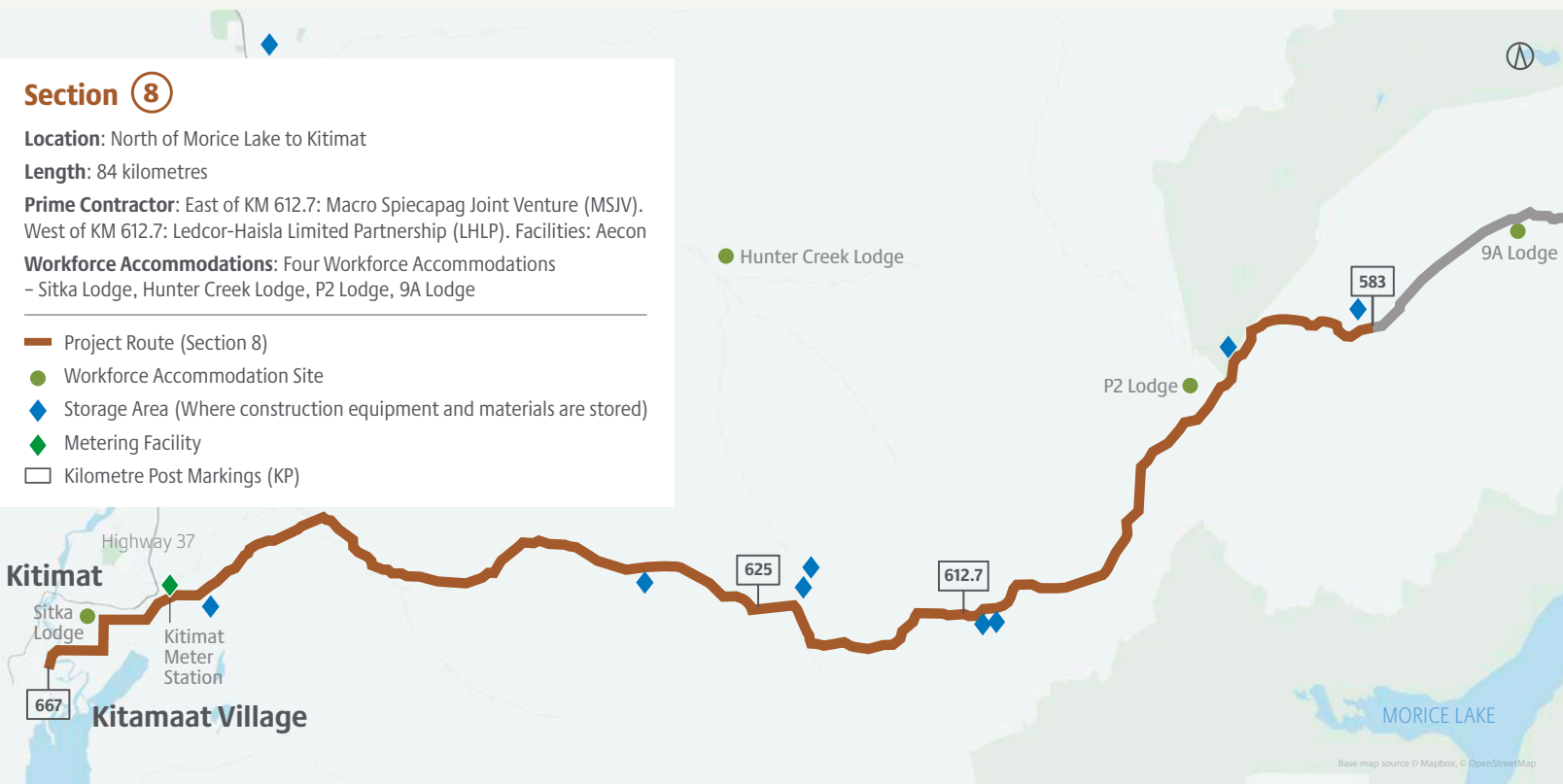
Location: North of Morice Lake to Kitimat

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)



Key activities:

- Ongoing critical access works
- Ongoing critical ESC monitoring and maintenance
- Platform development and accommodation works for P2 Lodge in Section 8 East

Look ahead*:

Section 8 consists of Section 8 East and Section 8 West, marked at 612.7 KP. [Read about it here.](#)

- Resume grading work
- Commence crossing installations
- One traffic notification is in place: **Kitimaat Village Road** until the end of the year to accommodate equipment moves
- Drone and controlled blasting activities as required, as well as burning along Section 8 East

**All schedules are subject to change*

Kitimat Meter Station

Key activities:

- North settlement pond expansion and bypass ditch construction underway
- Three successful small bore hydrotests and one successful large bore hydrotest completed

Look ahead*:

- Complete remaining large bore hydrotest
- Complete de-watering, drying and reinstatement of piping
- Complete North settlement pond and bypass ditch construction
- Potential traffic interruptions on the South Hirsch Mainline are anticipated later in June to accommodate communications fiber installation.
- Prepare for mechanical completion at the end of June

**All schedules are subject to change*



Photo of the month

Section 1 was the site of the Murray River HDD, TC Energy's longest 48-inch HDD pipe pull!

This impressive Horizontal Direction Drill (HDD) pull began on June 10 and was safely and successfully completed a day later. Measuring approximately 1.3 km-long, this section of pipe now rests beneath the Murray River near Chetwynd, B.C.

As one of the longest and heaviest pipe pulls ever completed in North America, workers navigated an additional challenge of steep slopes on both sides of this water crossing, requiring a higher angle of entry and exit for the HDD. Learn more about HDDs and how Coastal GasLink safely crosses B.C.'s waterways along the project route at CoastalGasLink.com.



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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