

Construction Update

Coastal GasLink

June 27, 2022

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

Monthly highlights

Gearing up for an exciting summer construction season

The summer construction season is quickly ramping up, with more than 6000 women and men expected to work along Coastal GasLink's project route at its peak. Our prime contractors are mobilizing crews to various sites along the project route to continue to progress Coastal GasLink's most important construction season yet. With construction on Coastal GasLink approaching 65 per cent overall completion, the focus is on a strong start this summer to set the pace towards the many exciting construction milestones anticipated this year.

Cable Crane Hill – a feat of engineering

Cable Crane Hill, one of the many special sections along Coastal GasLink's 670-kilometre route, has transported its first segment of pipe up the steep slope using the cable crane. A true testament to the skill and ingenuity of our team, the crane was erected over the last two years using heavy lift helicopters battling difficult terrain and challenging conditions. Now complete, the cable crane will be used to transport people, equipment and material safely up the steep slopes to facilitate installation. Once the special section is complete, it's estimated it will have carried approximately 1,400 meters of pipe over an elevation change of 700 meters.

Take a look at our photo of the month on page 10 to learn more about Cable Crane Hill.

Performance at a glance:



64.2%
overall progress*



56.0%
construction progress



2,993
workers across the project route as of May 31, 2022

*includes all engineering, procurement and construction activities

Under Construction

- ◆ Coastal GasLink Metering Facility
- ▲ Coastal GasLink Compression & Metering Facility
- LNG Canada Facility (3rd party)
- ✓ Completed pipe installation



1 Section 1: Monthly Construction Update

At a glance:



Completed pipeline installation

While pipe installation is complete on Section 1, work is ongoing to complete testing and advance final clean-up and reclamation efforts. Construction on the Wilde Lake Compressor Station is ongoing.



191

workers at
Sunset Prairie Lodge

Section 1

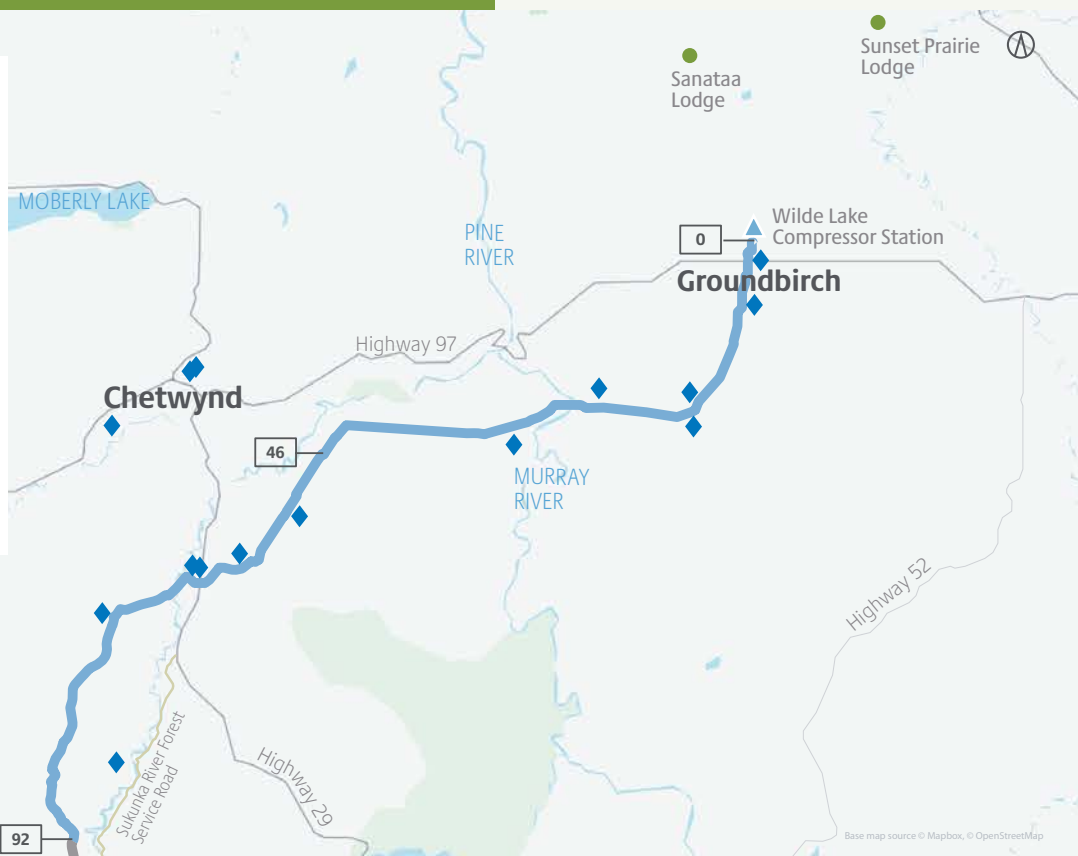
Location: West of Dawson Creek to south of Chetwynd

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

- Continued Erosion and Sediment Control (ESC) mitigation and maintenance
- Remobilized crews for summer construction, including hydrotesting, caliper pig runs, valve installation, clean-up and reclamation

Look ahead*

- Continue ESC mitigation and maintenance
- Complete hydrotesting in test sections from KP 0 to 27
- Begin clean-up activities

*All schedules are subject to change

Did you know?

Known as hydrotesting, the completed pipe is filled with water and pressurized to a level that exceeds the operating pressure of the pipeline, ensuring it's ready to transition safely into operation.

Wilde Lake Compressor Station

Key activities

- Overall construction surpassed 85%; site welding surpassed 96% in diameter inches
- Completed Meter Station Pipeline welding
- Hydrotesting underway including on small bore piping, prep underway to hydrotest Joint Venture Partner lines
- Continued structural work within each compressor station, nearing completion on most large weight work
- Completed first large bore hydrotest
- Continued backfilling throughout the yard
- Progressed electrical and instrumentation work

Look ahead*

- Complete lube oil flushing in A1, continue flushing for A2 to prep for final pipe install and commissioning
- Continue backfilling activities
- Progress electrical and instrumentation installation
- Complete final 48" welds on site

*All schedules are subject to change

② Section 2: Monthly Construction Update

At a glance:



100%

cleared, includes project route and ancillary sites



88.7%

of grading completed



33.8%

of pipe installed, includes activities from stringing through to backfilling



140

workers at Sukunka Lodge

Section ②

Location: South of Chetwynd to east of McLeod Lake

Length: 48 kilometres

Prime Contractor: Surerus Murphy Joint Venture

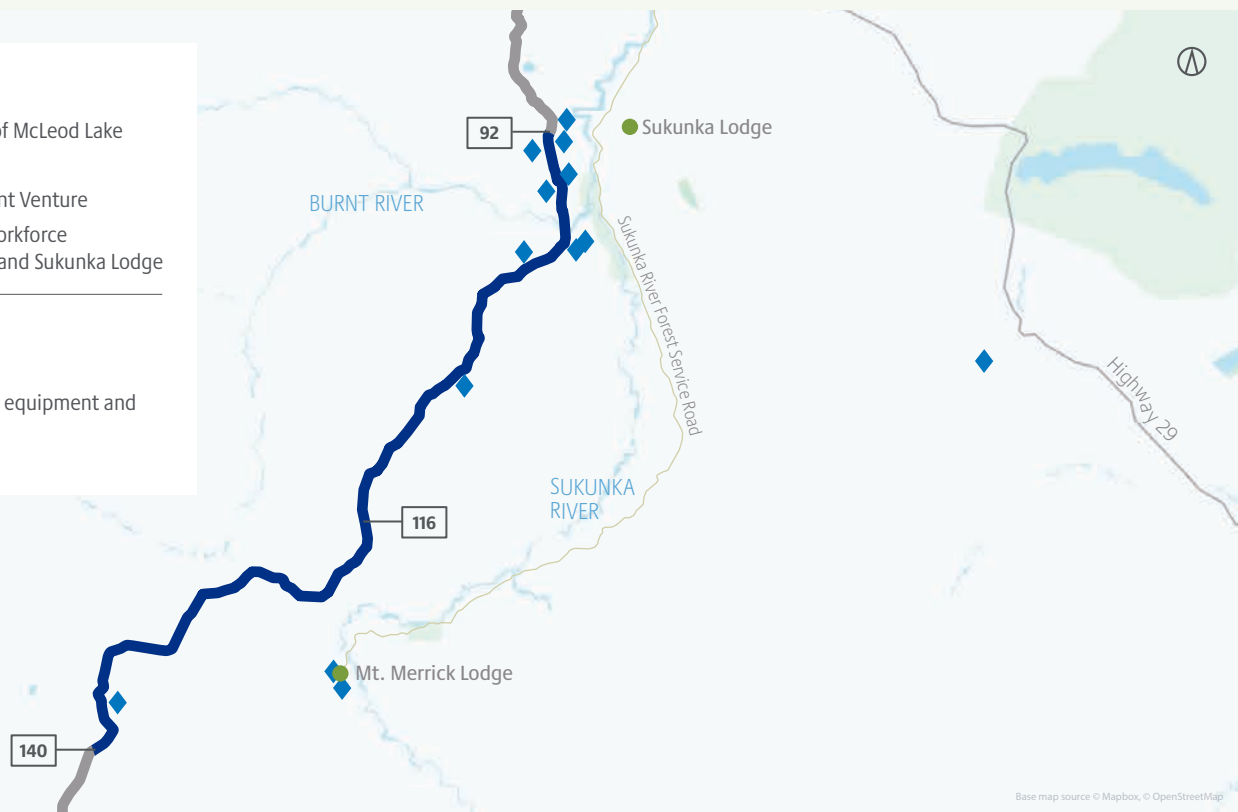
Workforce Accommodations: Two Workforce Accommodations – Mt. Merrick Lodge and Sukunka Lodge

— Project Route (Section 2)

● Workforce Accommodation Site

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

□ Kilometre Post Markings (KP)



Key activities

- Continued Erosion Sediment Control (ESC) mitigation and maintenance
- Remobilized crews for summer construction
- Reopened Mt Merrick Lodge for summer construction

Look ahead*

- Continue ESC mitigation and maintenance
- Remobilize crews to resume various construction activities, including grading, blasting, stringing, bending, welding, coating and Mt Merrick Special Section works

**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



56.3%

of pipe installed, includes activities from stringing through to backfilling



135

workers at Parsnip Lodge

Section 3

Location: East of McLeod Lake to north of Prince George

Length: 104 kilometres

Prime Contractor: SA Energy Group

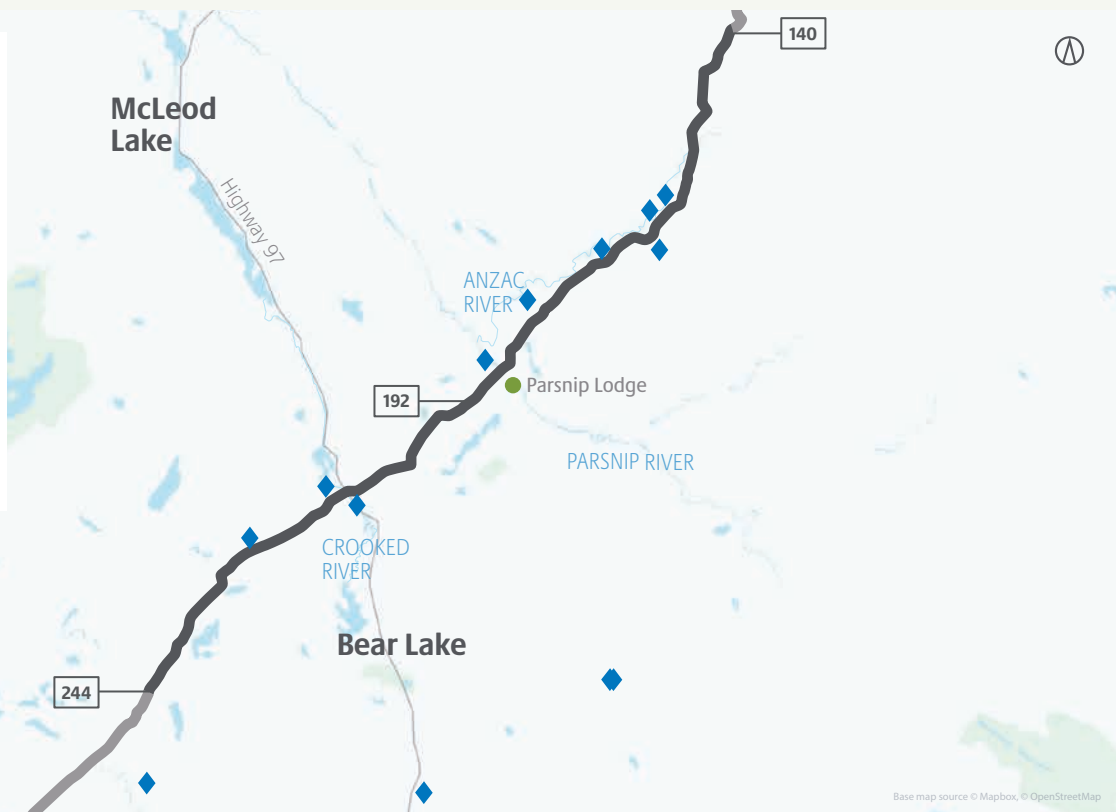
Workforce Accommodations: One Workforce Accommodation – Parsnip Lodge

— Project Route (Section 3)

● Workforce Accommodation Site

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

□ Kilometre Post Markings (KP)



Key activities

- Progressed execution planning workshops for glaciolacustrine clay area, watercourse crossings and ESC mitigations
- Preparation of work plans for mainline work and sheet piling for summer construction season
- Continued ESC mitigation and maintenance

Look ahead*

- Remobilize crews for summer construction season
- Finalize execution plan for glacio-lacustrine clay area
- Complete expansion of Parsnip Lodge
- Complete CGL and Contractor Season 4 planning workshops
- Continued ESC mitigation and maintenance

**All schedules are subject to change*

Did you know?

Coastal GasLink traverses challenging and diverse terrain across the 670-kilometre route, including rock deposits and steep slopes. This summer, crews in Section 3 will face the most difficult and unique terrain in construction to date.

4 Section 4: Monthly Construction Update

At a glance:

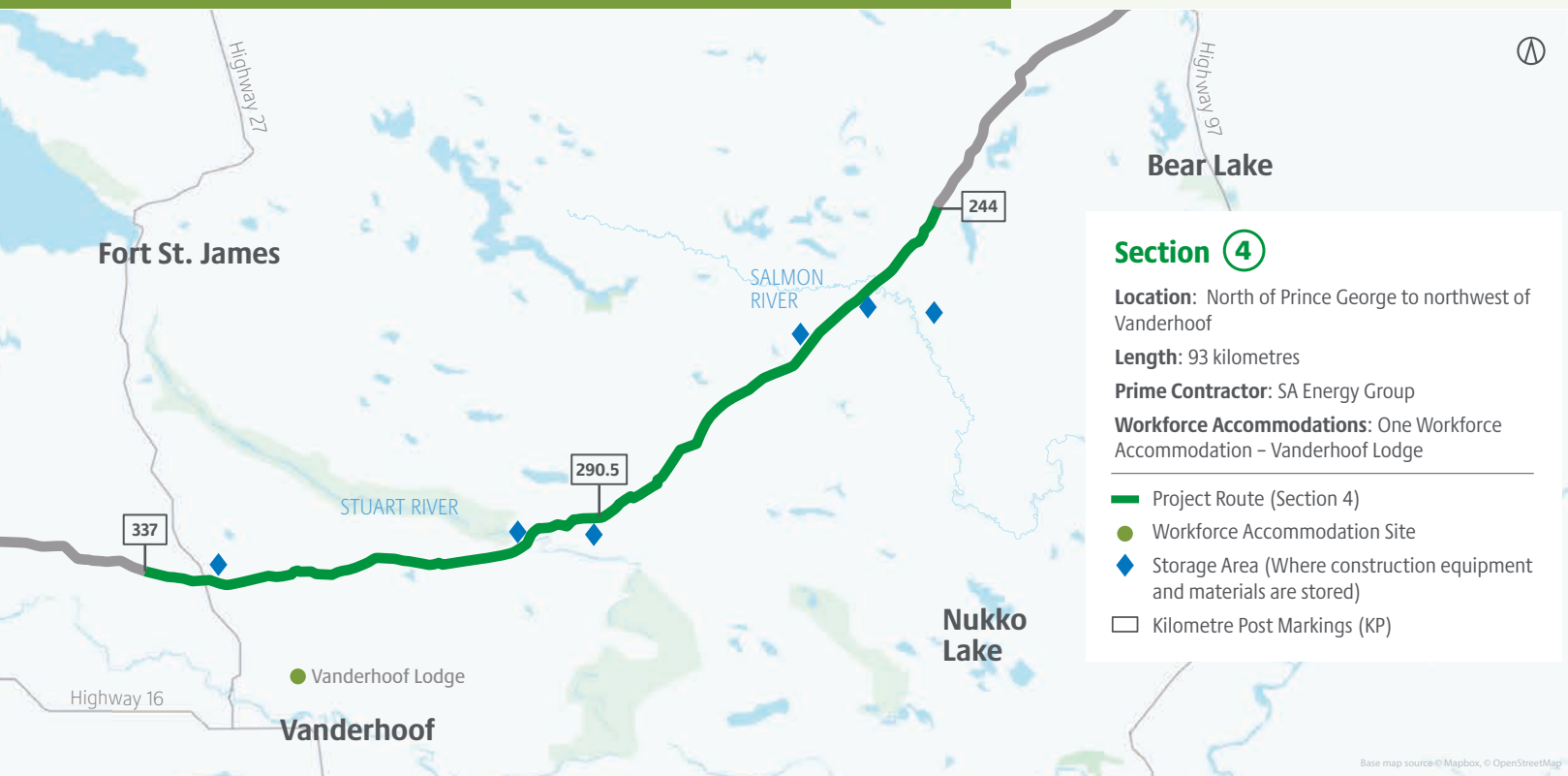


Completed pipeline installation

While pipe installation is complete on Section 4, work is ongoing to advance final clean-up and reclamation efforts.



Vanderhoof Lodge
decommissioned



Key activities

- Completed machine clean-up
- Continued ESC mitigation and maintenance
- Began reclamation activities at Vanderhoof Lodge site

Look ahead*

- Continued focus on ESC monitoring
- Continue reclamation activities at Vanderhoof Lodge site
- Continue backfilling and grading activities at Mainline Block Valve 7 at approx. KP 249.500

*All schedules are subject to change



Maintaining the integrity of our pipe to ensure top environmental protection is paramount while constructing Coastal GasLink. That's why we wrap the pipe in rockshield, a highly-durable yellow sponge-like material pictured here, to protect the coating from scratches and dents.

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



244

workers at Little Rock Lake Lodge

Section 5

Location: North of Vanderhoof to south of Burns Lake

Length: 54 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

- Continued to mobilize crews for summer construction season
- Continued grading, welding, coating and blasting activities and started mainline welder testing
- Commenced summer scope crossings (roads and watercourses)
- Commenced work on Hwy 16, CN Rail and Trout Road Forest Service Road trenchless crossings

Look ahead*

- Continue with ESC monitoring and maintenance
- Complete Trout Road Forest Service Road trenchless crossing, continue to progress work on Hwy 16 / CN Rail crossing and start work on Fraser Cliff pipe installation
- Complete trench and grade blasting activities
- Commence with mainline pipeline activities

**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



32.4%

of pipe installed, includes activities from stringing through to backfilling



139

workers at 7 Mile Lodge



Key activities

- Continued ESC monitoring and maintenance
- Began mobilization of Michels Canada and construction planning activities for summer construction season

Look ahead*

- Continue with ESC monitoring and maintenance
- Remobilize contractor crews to site for summer construction season
- Begin pre-ditching activities to identify rock locations
- Begin setup and preparation for welder qualification activities
- Begin preparation for grubbing and stripping activities
- Assess right-of-way conditions to begin mainline activities

**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



192
workers at
Huckleberry Lodge

Section 7

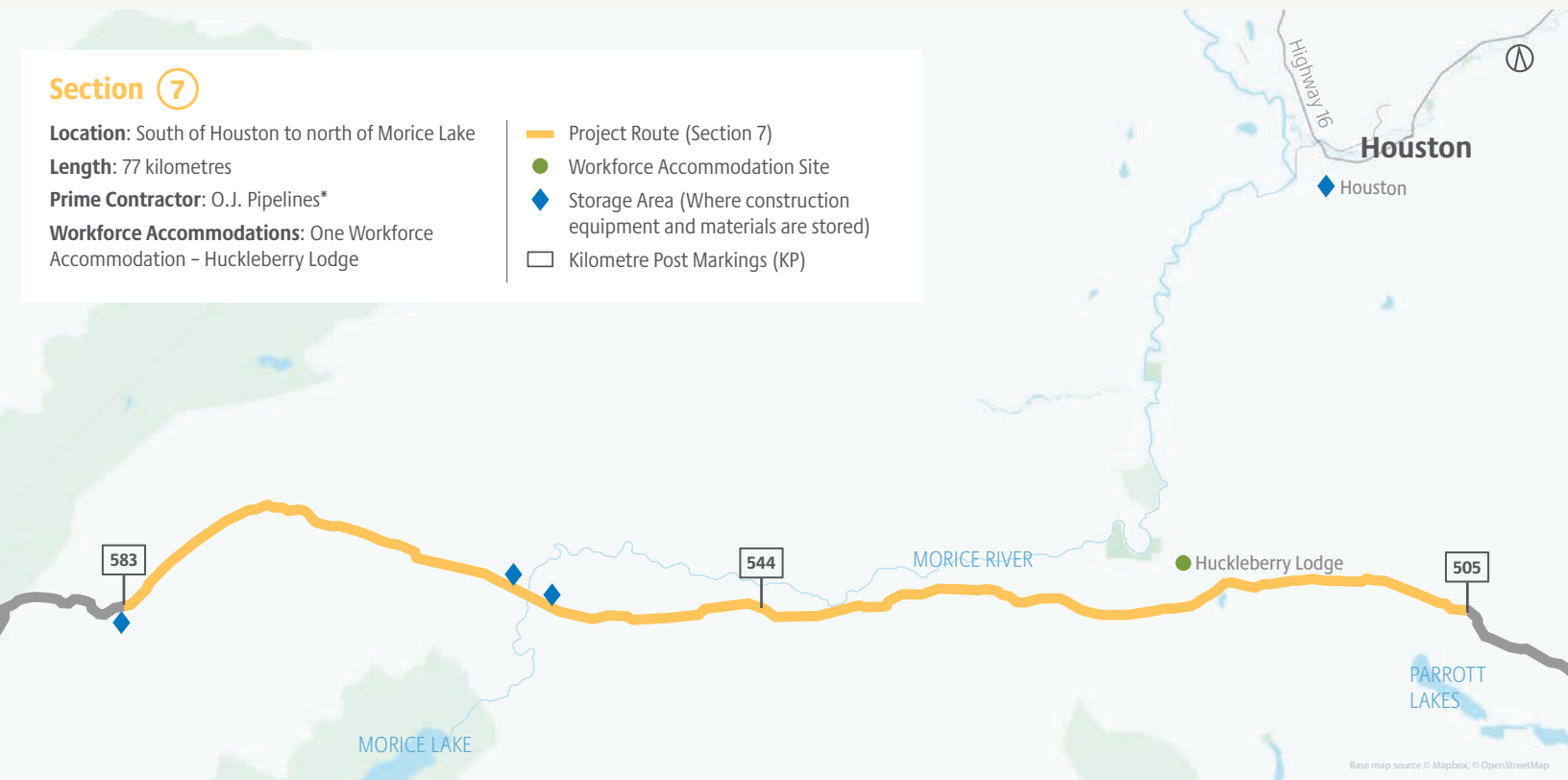
Location: South of Houston to north of Morice Lake

Length: 77 kilometres

Prime Contractor: O.J. Pipelines*

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

- Continued mobilization of heavy equipment and supplies
- Began the removal of bridge abutments in preparation for new bridge installation
- Loaded out pipe from the Houston stockpile site to haul in welder testing pipe
- Continued ESC monitoring and maintenance

Look ahead**

- Continue with ESC monitoring and maintenance
- Remobilize crews to site for summer construction season

****All schedules are subject to change**

**O.J. Pipelines in partnership with Natanlii Development Corporation (Skin Tyee Nation), Yinka Dene Economic Development Limited Partnership (Wet'suwet'en First Nation) and Kyah Development Corporation (Witset First Nation)*



Recently, we announced the collaboration between O.J. Pipelines and three Indigenous nations including Natanlii Development Corporation (Skin Tyee Nation), Yinka Dene Economic Development Limited Partnership (Wet'suwet'en First Nation) and Kyah Development Corporation (Witset First Nation). Pictured is Dwayne Prince, Construction Monitoring and Community Liaison (CMCL) for Skin Tyee (Left) and Tommy Adair, Environmental Inspector (Right) walking side-by-side along the Morice Drill Pad site in Section 7.

8 Section 8: Monthly Construction Update

At a glance:



100%

cleared, includes project route and ancillary sites



86.9%

of grading completed



35.7%

of pipe installed, includes activities from stringing through to backfilling



1,551

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

Section 8

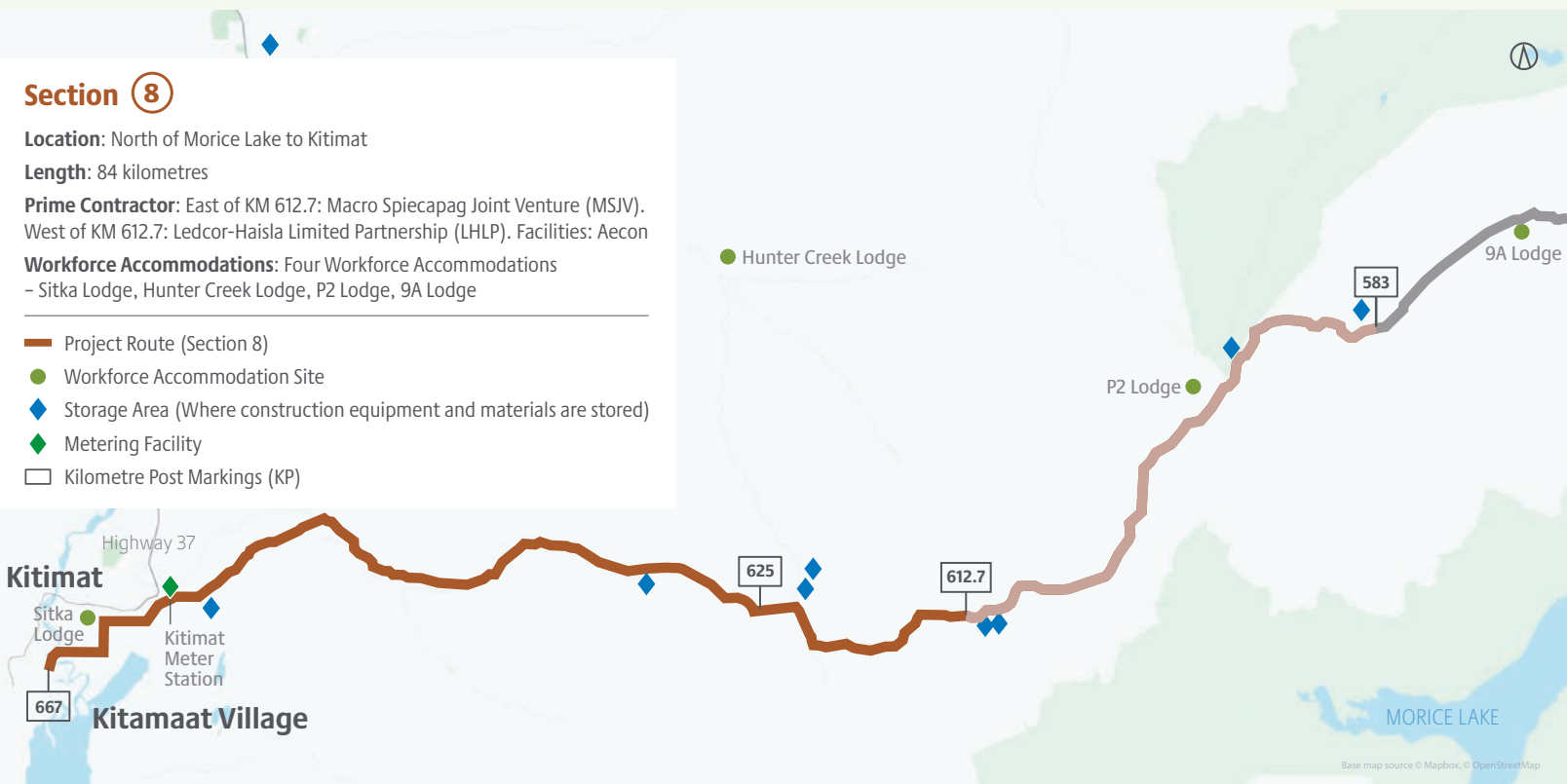
Location: North of Morice Lake to Kitimat

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

- Continued grading, rock trenching and blasting
- Commenced mainline activities May 17th
- Continued watercourse crossing installations, isolations and reinstatements

Section 8 East Look ahead*

- Continue watercourse crossing installations and reinstatements
- Continue mainline construction activities
- Continue ESC maintenance and monitoring
- Re-commence steep slope grading activities

**All schedules are subject to change*

Section 8 West Key activities

- Continued grading and blasting in valley and west areas
- Continued mainline and back-end pipe installation
- Completed pipe installation at watercourse crossing; continued pipe install at other priority watercourse crossings
- Completed trenchless crossings
- Progressed steep slope excavation and pipe installation in various areas
- Continued townsite clean-up activities

Section 8 West Look ahead*

- Complete watercourse crossing installations on multiple work fronts
- Continue valley corridor grading
- Continue steep slopes #5, #6 and #10 works
- Continue sheet pile installation in the Kitimat area
- Continue townsite pipe installation
- Complete watercourse trenchless pipe installation
- Continue ESC maintenance and monitoring

**All schedules are subject to change*



Photo of the month

First segment of pipe delivered using the cable crane

Cable Crane Hill, one of the many special sections along Coastal GasLink's 670-kilometre route, is a gondola-like structure built entirely to transport equipment people and materials up the hill. Often used to manage difficult terrain, this crane was erected as a temporary solution to allow for safer construction on the steep slope. There are two cranes in operation on Cable Crane Hill – the smaller one has the capacity to transport 5 tonnes and will carry personnel up the hill on a gondola. The larger crane has capacity to carry up to 16 tonnes and will be used to transport materials such as pipe (pictured), spider excavators, drills, welding equipment, shacks and other construction equipment

Learn more about this major milestone [here](#).



The first segment of pipe being transported up the hill to commence mainline construction

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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