

Construction Update

July 28, 2022

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

Coastal GasLink

Monthly highlights

Summer construction in full swing

More than 6000 women and men are expected to work along Coastal GasLink's project route at its peak during this summer construction season. 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. At the end of June, Coastal GasLink was 66 per cent complete overall and is expected to reach 70 per cent overall completion this summer. Meanwhile, crews will be working hard to prepare and progress construction across the entire project route. Stay tuned for more!

Wilde Lake Compressor Station – the beating heart of Coastal GasLink

Fondly referred to as the “beating heart” of the Project, the Wilde Lake Compressor Station is approaching the finish line with overall construction progress almost 90 per cent complete. Recently, Coastal GasLink led a tour with LNG Canada and representatives from the joint venture partnership. The tour provided an opportunity to highlight the physical connection to our partners and underscored the collaboration we achieved working together on this critical piece of infrastructure. The tour also provided an opportunity for our partners to witness firsthand the incredible feat of constructing TC Energy's largest ever natural gas compressor facility in a single phase.

Check out our Photo of the Month to view some of the incredible milestones and achievements completed to date.

Performance at a glance:



66.0%
overall
progress*



58.5%
construction
progress



4,923
workers across the project
route as of June 30, 2022

*includes all engineering, procurement and construction activities as of end June 2022)

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.



202
workers at
Sunset Prairie Lodge

Section 1

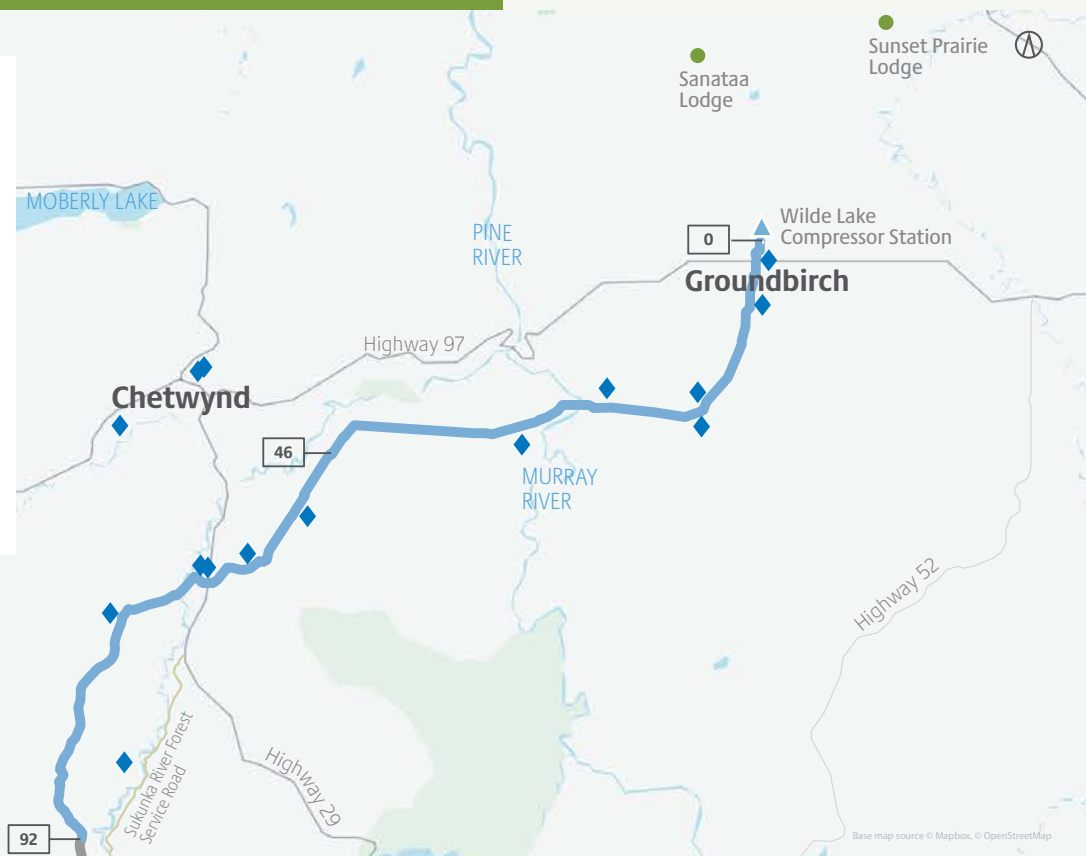
Location: West of Dawson Creek to south of Chetwynd

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
- Completed hydrotest of Test Section 1 (KP 0-26)
- Completed caliper tool run of Test Section 1 and the Groundbirch connector with no pipe anomalies

Look ahead*

- Continue ESC mitigation and maintenance
- Complete hydrotesting in Test Sections 16, 15, 7, 8, 9 & 10
- Installation of Mainline Block Valve 2
- Continue 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 87%; site welding surpassed 97%
- Progressed preparations to hydrotest Joint Venture Partner lines – the largest test by volume to date at Wilde Lake
- Continued structural work within each compressor station, nearing completion on most large weight work
- Continued backfilling throughout the yard
- Progressed electrical and instrumentation work
- Completed lube oil flush of A1 and A2 Mineral Lube Oil

Look ahead*

- Complete hydrotesting on Joint Venture Partner lines, compressor station suction header and plant A1 hydrotests
- Complete lube oil flushing in A2, commence flushing for A3
- Continue backfilling activities
- Progress electrical and instrumentation installation

**All schedules are subject to change*

② Section 2: Monthly Construction Update

At a glance:



100%
cleared, includes
project route and
ancillary sites



100%
of grading
completed



40.8%
of pipe installed, includes
activities from stringing
through to backfilling



425
workers at
Sukunka Lodge
170
workers at
Mt. Merrick Lodge

Section ②

Location: South of Chetwynd to east of McLeod Lake

Length: 48 kilometres

Prime Contractor: Surerus Murphy Joint Venture

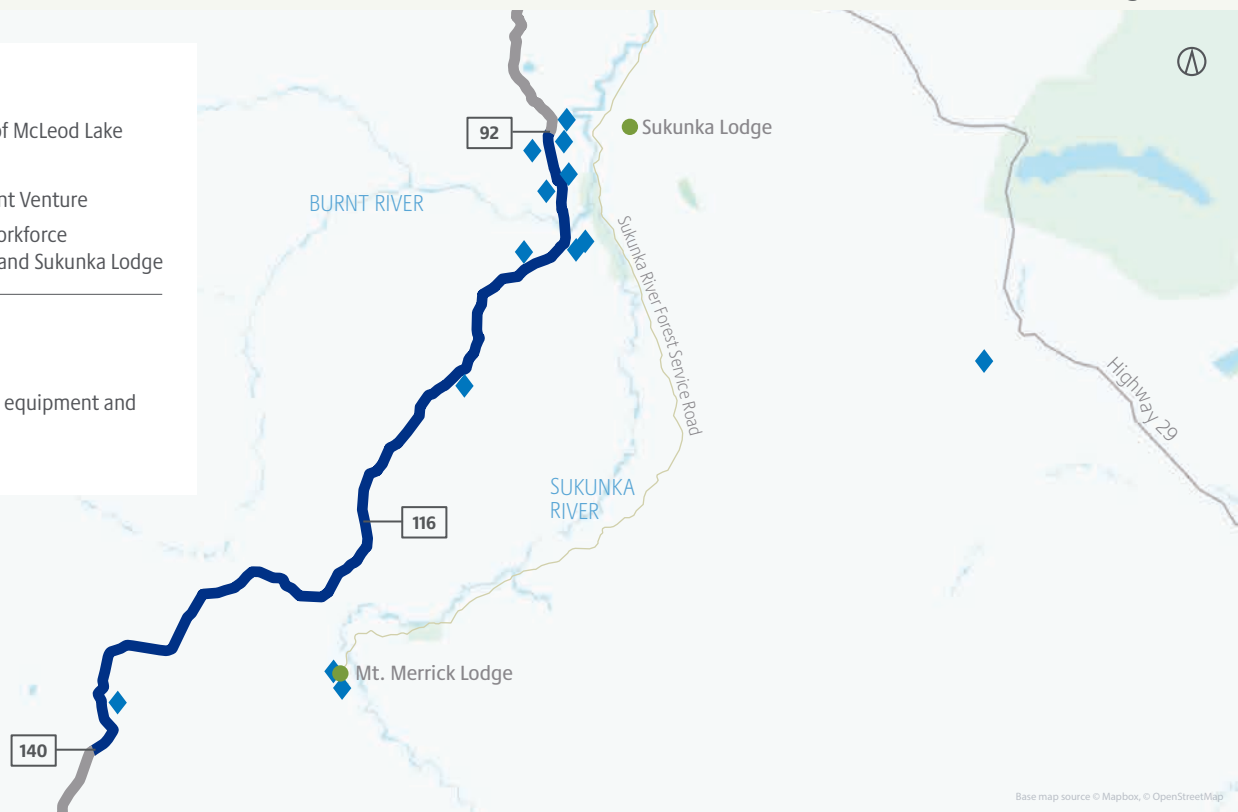
Workforce Accommodations: Two Workforce Accommodations – Mt. Merrick Lodge and Sukunka Lodge

— 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
- Re-establish access to Headwall Special Section
- Progressed civil and mechanical installation through Mount Merrick Special Section
- Progressed Mainline pipe installation between KP 103-117

Look ahead*

- Continue ESC mitigation and maintenance
- Continue mainline construction activities such as access maintenance, grading, blasting and road crossings between KP 103-117 and Mount Merrick Special Section works
- Complete re-establishment access into Headwall Special Section and begin progressing new access into the Special Section

**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



494

workers at Parsnip Lodge

Section 3

Location: East of McLeod Lake to north of Prince George

Length: 104 kilometres

Prime Contractor: SA Energy Group

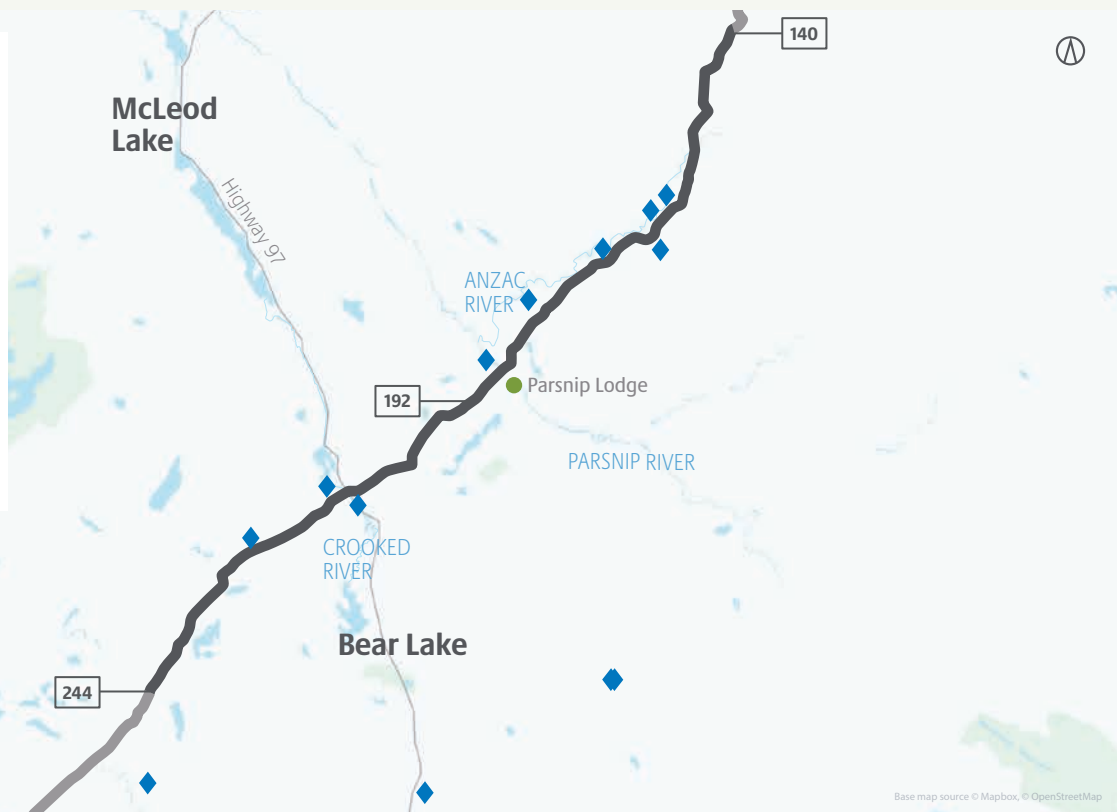
Workforce Accommodations: One Workforce Accommodation – Parsnip Lodge

— 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 for glaciolacustrine clay area, watercourse crossings and ESC mitigations
- Mobilized crews to start clean-up and tie-ins
- Work started at Crocker Creek Direct Pipe Installation (DPI) entry and exit pads
- Continued ESC mitigation and maintenance
- Develop ESC Work Execution Plans for Independent Erosion and Sediment Control Auditor (IESCA) review and Environmental Assessment Office (EAO) approval
- Progressing work on ovality dig program
- Progress removal of sheet piles at various sites

Look ahead*

- Continue to remobilize crews for summer construction season
- Finalize execution plan for glaciolacustrine clay area and mobilize crews and equipment
- Complete CGL and Contractor Season 4 Planning workshops
- Begin sheet pile installation at KP 213-214, and continue sheet pile installation at KP 215
- Continued ESC mitigation and maintenance

*All schedules are subject to change

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

- Progressed machine clean-up
- Continued ESC mitigation and maintenance
- Continued reclamation of Vanderhoof Lodge site

Look ahead*

- Continued focus on ESC monitoring
- Begin ramp up of crews
- Complete reclamation activities at Vanderhoof Lodge site
- Continue backfilling and grading activities at Racoon Lake Mainline Block Valve 7 at approx. KP 249.500

*All schedules are subject to change

Did you know?

From Dec 2021 to May 2022, Coastal GasLink held over 218 meetings with Indigenous groups including: Indigenous Leaders Meeting, site visits/flyovers, community meetings, consultation and engagement meetings and education, training and community investment meetings.

5 Section 5: Monthly Construction Update

At a glance:



100%

cleared, includes project route and ancillary sites



91.2%

of grading completed



42.7%

of pipe installed, includes activities from stringing through to backfilling



312

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

- Completed all 12 planned open cut road crossings
- Continued civil works across construction corridor and open cut water crossings
- Commenced mainline stringing and bending
- Continued ESC monitoring and maintenance
- Continued trenchless crossings at Hwy 16, CN Rail and Trout Road Forest Service Road

Did you know?

The open cut method is used when the stream or water body is seasonally dry or frozen; we excavate a trench across a waterway and lay the pipeline into the trench. The work is completed during a specific window of time when environmental risk due to changing weather conditions is at its lowest, bringing environmental protection to the forefront.

Look ahead*

- Continue with ESC monitoring and maintenance
- Complete Trout Road Forest Service Road trenchless crossing, re-start setup activities at Hwy 16 / CN Rail crossing
- Continue civil works across construction corridor, open cut water crossings and mainline stringing and bending
- Commence mainline welding, coating, ditching lowering and backfill
- Commence trenchless crossing at Endako River, Ormond Creek and Stern Creek

**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



194

workers at 7 Mile Lodge



Key activities

- Continued ESC monitoring and maintenance
- Begin mobilization of Michels Canada
- Preparation for pre-ditch and bending activities in advance of mainline execution
- Continued detailed execution planning and schedule development
- Preparation for welder training and qualifications
- Grading works in preparation of mainline crews
- Planning for execution of water crossings
- Planning for blasting activities

Look ahead*

- Continue with ESC monitoring and maintenance
- Mobilize mainline crews
- Continue detailed execution planning and schedule development
- Continue grading, pre-ditch and bending works
- Continue welder training and qualifications
- Commence blasting, water crossings, coating and welding 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



14.4%
of grading
completed



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



506
workers at
Huckleberry Lodge

Section 7

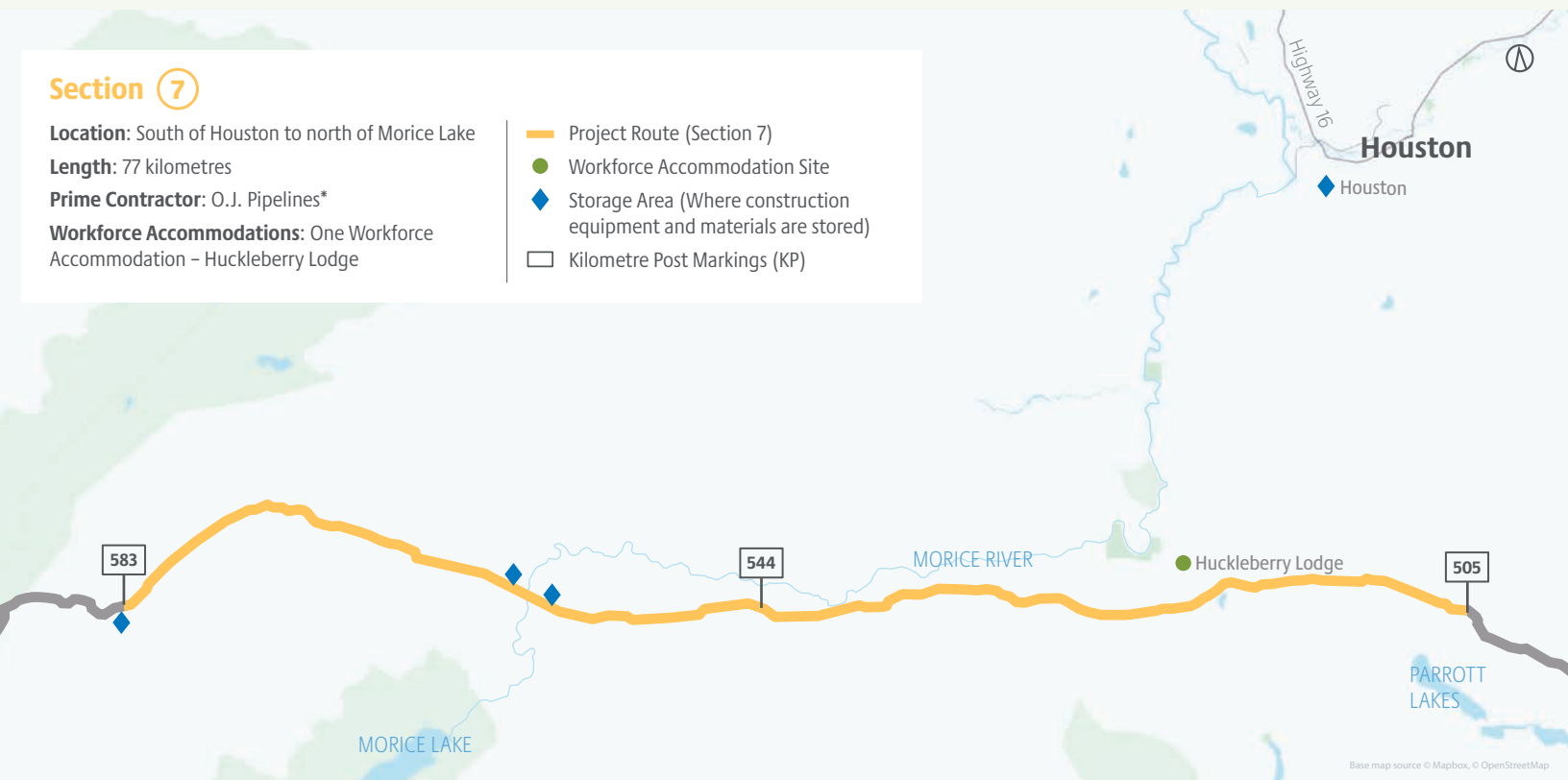
Location: South of Houston to north of Morice Lake

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

- Commenced grubbing and grading in multiple areas
- Performed grade and ditch blasting in multiple scopes
- Continue progress at Morice microtunnel site
- Continue successful ongoing welder testing
- Continued ESC monitoring and maintenance

Look ahead**

- Continue with ESC monitoring and maintenance
- Continue mainline activities for grubbing, grading, stringing and bending
- Commence welding and coating across construction corridor
- Continue planning work for trenchless crossing at Gosnell creek
- Continue progress at Morice microtunnel site
- Perform ditch and grade blasting and conduct additional clearing

**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)

8 Section 8: Monthly Construction Update

At a glance:



100%

cleared, includes project route and ancillary sites



86.9%

of grading completed



50.5%

of pipe installed, includes activities from stringing through to backfilling



1,714

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

Section 8

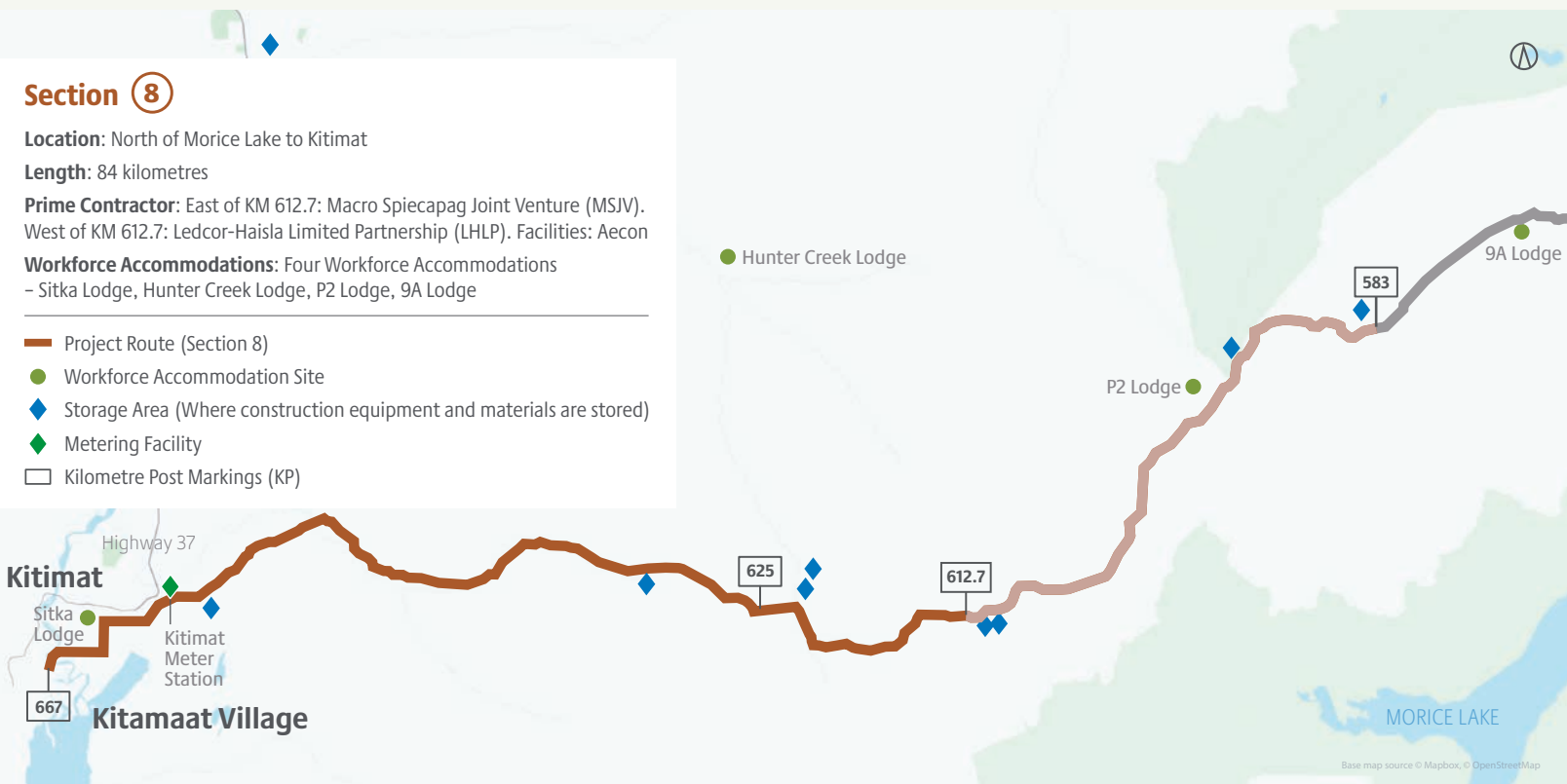
Location: North of Morice Lake to Kitimat

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)



Section 8 East Key activities

- Continue grading, rock trenching, blasting and mainline work
- Continued watercourse crossing preparations, installations, isolations and reinstatements. Activity paused for most of June due to high water flows

Section 8 East Look ahead*

- Continue watercourse crossing installations and reinstatements
- Continue mainline construction activities
- Complete grubbing and grading
- Continue ESC maintenance and monitoring

**All schedules are subject to change*

Section 8 West Key activities

- Continued grading and blasting in Icy Pass and North Hirsch areas
- Continued mainline and back-end pipe installation
- Completed pipe installation at watercourse crossings; continued pipe install at other priority watercourse crossings
- Progressed steep slope excavation, blasting and pipe installation in various areas
- Continued townsite clean-up activities
- Progressed Cable Crane Hill pipe install
- Progressed trenchless watercourse crossing 1999 to near completion

Section 8 West Look ahead*

- Complete watercourse crossing installations on multiple work fronts
- Continue Icy Pass and North Hirsch corridor grading
- Continue steep slopes #5, #6 and #10 works, progress Cable Crane Hill
- Start Raised Bore and Tunnel Installation at Steep Slope #3
- Continue townsite pipe installation
- Recommence watercourse trenchless 2091 pipe installation
- Continue ESC maintenance and monitoring

**All schedules are subject to change*



Photo of the month



At Coastal GasLink, we are incredibly proud of our team and community partners whose dedication and support have enabled us to make the extraordinary possible.”
— Bevin Wirzba, President, Coastal GasLink

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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Visit our community office:
Prince George
760 Kinsmen Place

Coastal GasLink

