

Construction Update

March 30, 2023

Numbers as available at the end of February unless otherwise noted

Monthly highlights

Coastal GasLink more than 85% complete; Wilde Lake compressor station receives first natural gas

The Wilde Lake Compressor station, which serves as the starting point for the natural gas pipeline, was complete earlier this year and is now introducing natural gas into the system as part of the transition to operations. As the project surpasses 85% completion, this is a significant milestone that brings Coastal GasLink one step closer to delivering critical Canadian LNG to world markets.

As part of the extensive commissioning process, crews have and continue to check every piece of rotating equipment, every weld and every wire to ensure it has been built as designed with the safety of our workforce, the environment and the surrounding communities at the forefront. The purpose of this early introduction is to conduct further tests on site and decommission the temporary generators currently powering the facility.

The Wilde Lake facility consists of three compressor units and four meter stations. The meter stations receive and measure the incoming gas from our customers, and the compressor units then compresses the gas to provide the pressure required to safely deliver the gas 670 kilometers to LNG Canada's site in Kitimat.

Prior to the introduction of gas, regulators reviewed our operational plans, and our Emergency Response team engaged with Indigenous groups, stakeholders and nearby landowners to inform them of the introduction of gas. The introduction of first gas at the Wilde Lake Compressor Station marks another incredible construction achievement as we approach project completion.

Take a look at our Photo of the month on page 10 to learn more about how we're using innovative technology to tackle steep slopes.

Performance at a glance:



85.5%
overall progress*



82.8%
construction progress



5,489
workers across the project route as of February 28, 2023

*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.



108 workers at Sunset Prairie Lodge

Section 1

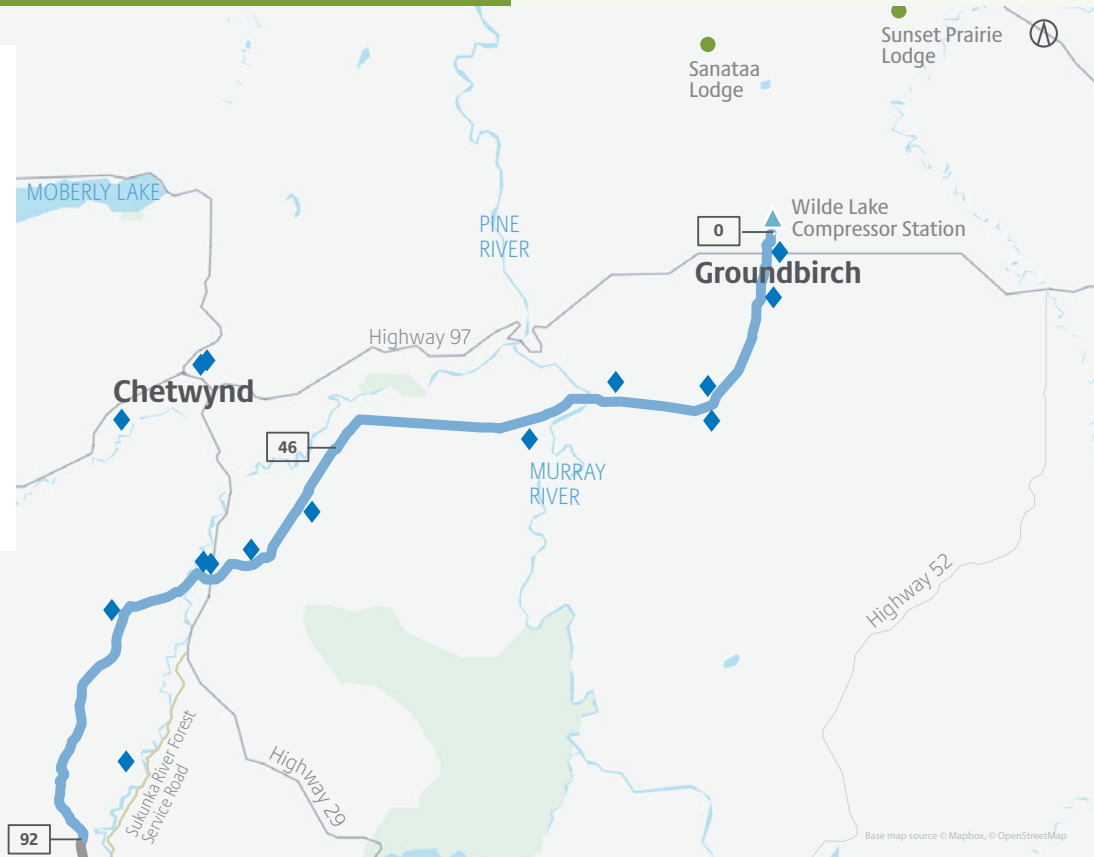
Location: West of Dawson Creek to south of Chetwynd

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 ongoing construction corridor and Erosion and Sediment Control (ESC) maintenance
- Completed planned burning and corridor clean-up activities

Look ahead*

- Continue Environmental and ESC monitoring and maintenance

*All schedules are subject to change

Wilde Lake Compressor Station

Key activities

- Completed pre-startup safety reviews of the section of the site to receive gas in March
- Progressed dry commissioning activities on site to test equipment before energization
- Completed and signed commissioning memorandums for Meter Station 1 and Wilde Lake Header

Look ahead*

- Introduction of early gas to run utility systems targeted for March

*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



98.2%
of pipe installed, includes
activities from stringing
through to backfilling



208
workers at
Sukunka Lodge

Section 2

Location: South of Chetwynd to east of McLeod Lake

Length: 48 kilometres

Prime Contractor: Surerus Murphy Joint Venture

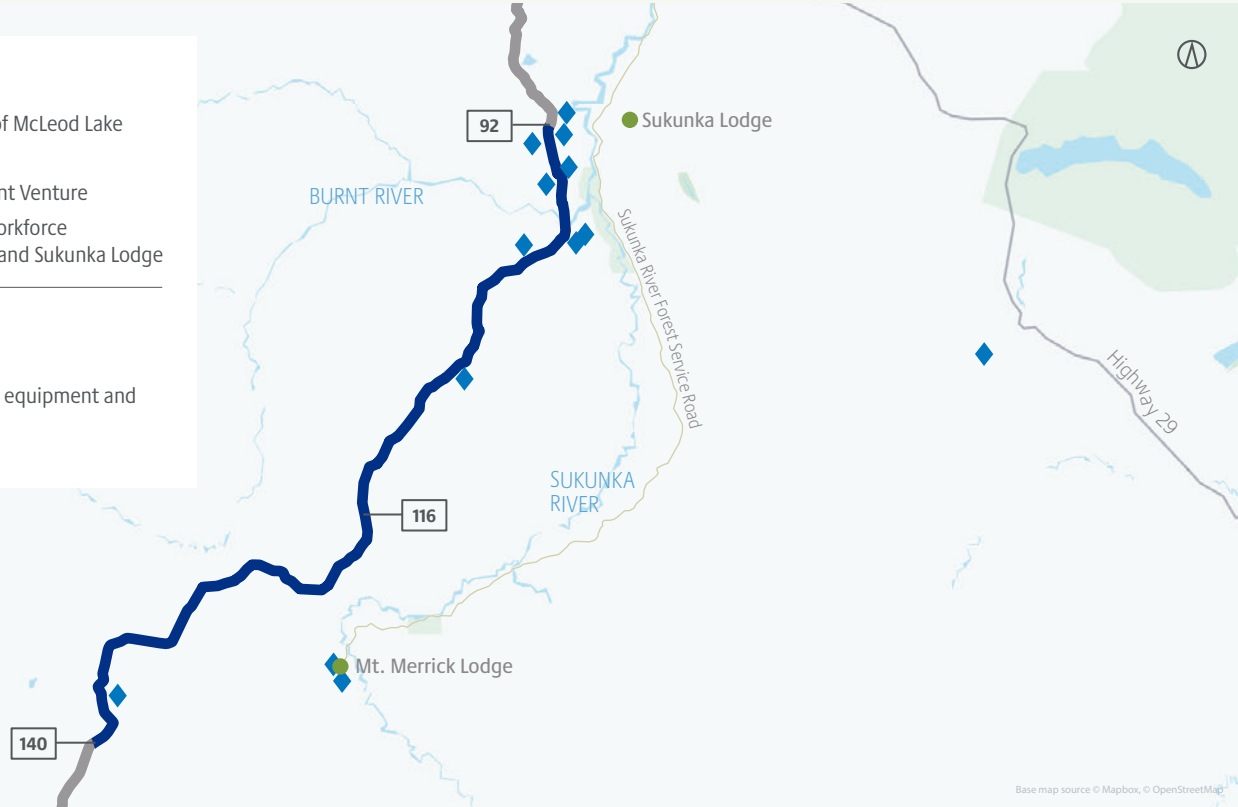
Workforce Accommodations: Two Workforce Accommodations – Mt. Merrick Lodge and Sukunka Lodge

■ Project Route (Section 2)

● Workforce Accommodation Site

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

□ Kilometre Post Markings (KP)



Key activities

- Completed sheet piling, began trenching for pipe installation at watercourse crossing near KP 133
- Completed pipe installation at watercourse crossing near KP 136
- Progressed trenching and welding of pipe for installation on steep slopes at KP 136
- Ongoing construction corridor and ESC monitoring and maintenance

Look ahead*

- Continue ESC mitigation and maintenance
- Complete pipe installation at KP 133 and 136
- Completing pipeline preservation activities to protect pipe from internal corrosion until it is commissioned
- Demobilize crews for spring breakup, resume work when weather and ground conditions permit

*All schedules are subject to change

Did you know?

Spring breakup, sometimes also known as freshet, is the time of year when field construction work is reduced due to soft, thawing ground conditions caused by melting snow.

3 Section 3: Monthly Construction Update

At a glance:



100%
cleared, includes project route and ancillary sites



94.8%
of grading completed



80.5%
of pipe installed, includes activities from stringing through to backfilling



1,241
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

- Received approvals for a number of Work Execution Plans (WEP) for Environmental Assessment Office (EAO) compliance and have begun submitting additional WEPs for cleanup activities
- Continued grading, blasting, and access work including installation of final bridge decks for access to the Headwall Special Section between KP 140-149
- Continued grading, stringing and bending work in the glaciolacustrine clay (GLC) area between KP 149-165
- Continued preventative avalanche risk mitigation blasts in the headwall area
- Mobilized two crushers in the headwall area to process rock, produce bedding/padding materials
- Continued mainline work between KP 165-180
- Continued ongoing sheet piling support at multiple locations
- Continued ESC mitigation and maintenance
- Began boring activities at watercourse crossings at KP 150 and 155

Look ahead*

- Continue to develop and submit WEPs to EAO for final cleanup activities
- Continue grade, blasting and access work between KP 140-149
- Complete watercourse crossing bore between KP 143-144
- Continue mainline work and sheet piling support between KP 149-165
- Complete boring activities at watercourse crossings at KP 150 and 155
- Complete ditching, lowering in, backfill and hydrotesting from KP 165-188
- Complete verification digs from KP 212-288
- Continue Mount Bracey valve site development
- Continue ESC mitigation and maintenance

**All schedules are subject to change*

4 Section 4: Monthly Construction Update

At a glance:

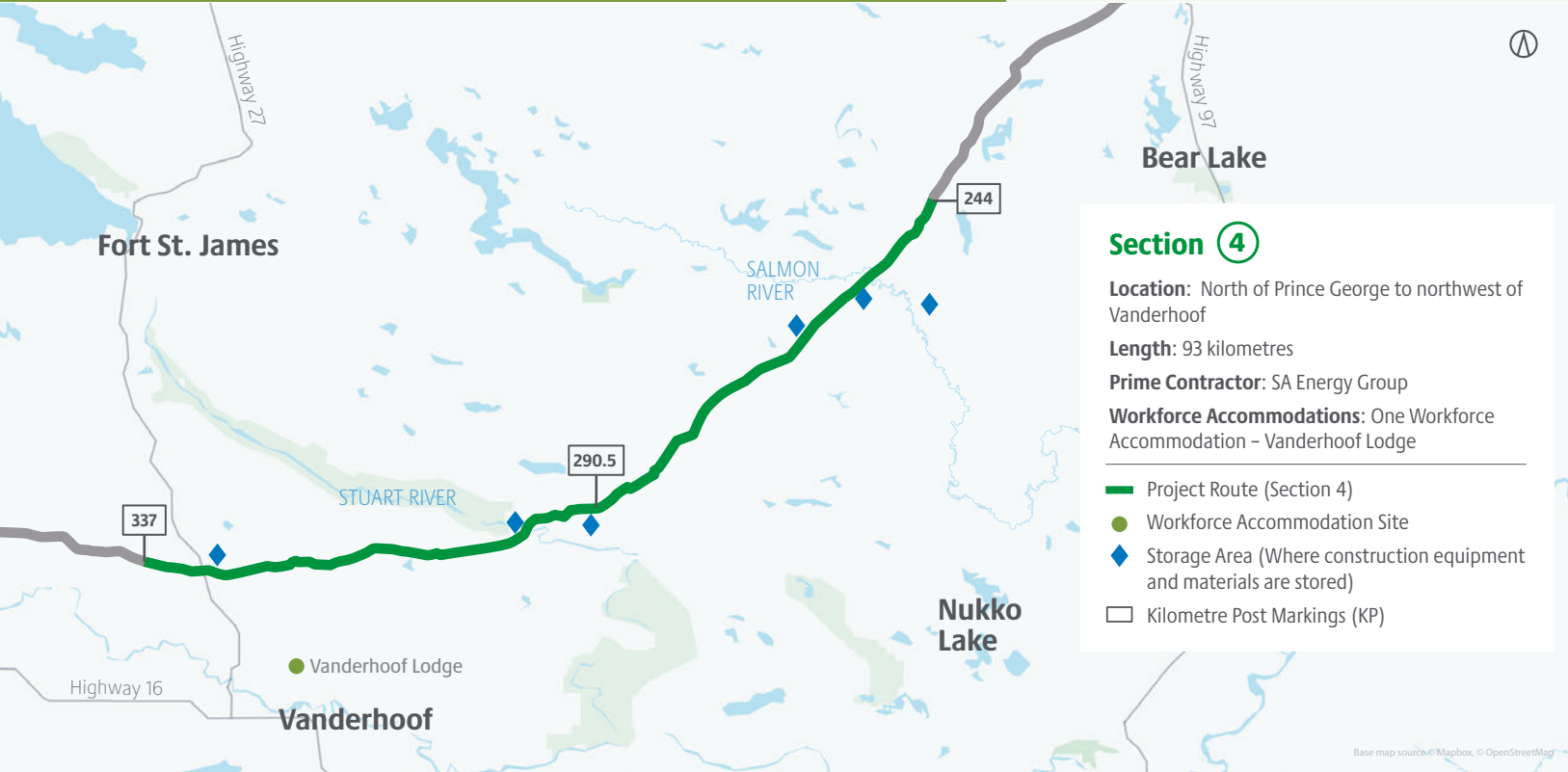


Completed pipeline installation

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



Vanderhoof Lodge decommissioned



Key activities

- Continued ESC mitigation and maintenance
- Continued final clean-up activities at Racoon Lake valve site
- Completed electrical and instrumentation installation at Clear Creek and Racoon Lake valve sites

Look ahead*

- Continued focus on ESC monitoring
- Monitor results of reclamation at Vanderhoof Lodge site
- Complete final clean-up
- Complete permanent access roads to valve sites
- Begin dry commissioning activities at valve sites

*All schedules are subject to change

Did you know?

Before Coastal GasLink enters its operational phase of delivering Canadian natural gas to global markets, our construction teams test the integrity of each weld and quality of pipe to ensure it's safe to accept gas into the system.

5 Section 5: Monthly Construction Update

At a glance:



100%
cleared, includes project route and ancillary sites



100%
of grading completed



97.2%
of pipe installed, includes activities from stringing through to backfilling



527
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

- Continued sheet piling installation at Endako River Trenchless crossing
- Continued backfilling activities for 5.5km of Section 5 scope
- Completed mainline block valve (MLBV) 10 & 11 installations and commenced with civil works including piling for MLBV 12
- Completed 9 watercourse crossings, 2 road crossings and a major wetland crossing at KP 397
- Continued ESC monitoring and maintenance

Look ahead*

- Continue with ESC monitoring and maintenance and complete winterization activities in all areas
- Continue to progress Endako River Trenchless Crossing
- Complete mainline activities including remaining tie-ins and watercourse crossings in both the 5.5km scope and the finishing scope east up to KP 419
- Complete finishing scope east hydrotest activities including caliper runs
- Continue installation of MLBV 12

*All schedules are subject to change

Did you know?

A mainline block valve (MLBV) is a valve that is installed across the project at various stages that allow for our operations team to cut off and isolate the flow of natural gas in the event of an emergency or routine maintenance. There are 17 MLBVs across the entire project route.

6 Section 6: Monthly Construction Update

At a glance:



100%
cleared, includes project route and ancillary sites



97.8%
of grading completed



70.9%
of pipe installed, includes activities from stringing through to backfilling



585
workers at 7 Mile Lodge



Key activities

- Completed the preservation of pipe between KP 439-458
- Completed restoration of Allin Creek, SHAR18, 21, 24 and 27
- Completed machine cleanup at watercourse crossing WC 45C2A near KP 420
- Completed pipe installation at watercourse crossing WC 83C1 near KP 425
- Completed welding at Steep Slope 3 near KP S_9
- Completed all tie-ins between KP S_23 and KP 506 excluding final tie-ins and fabrication scope; relocated mainline backfill crews to East WEP

**In collaboration with Atsiyan Services LP (Stellat'en First Nation), Kyah Development Corporation (Witset First Nation), Yinka Dene Economic Development Limited Partnership (Wet'suwet'en First Nation), Natanlii Development Corporation (Skin Tyee Nation), Hunust'ot'en Investment Corporation (Nee Tahi Buhn Band) and Ts'il Kaz Koh Development Corporation (Ts'il Kaz Koh First Nation)*

Look ahead**

- Continue mainline activities continuing towards KP 458
- Complete blasting and grade work in WEP area and progress to mainline activities
- Complete MLBV 14 structural and mechanical installation
- Complete MLBV 13 backfill and clean up

***All schedules are subject to change*

Did you know?

During the time between when the pipe has been installed and when the line receives gas, crews sometimes add nitrogen with a small amount of pressure to prevent corrosion. In some cases, pressure monitoring gauges are added to the ends of the pipe to ensure that the line is holding pressure during the preservation phase.

7 Section 7: Monthly Construction Update

At a glance:



100%
cleared, includes
project route and
ancillary sites



92.1%
of grading
completed



51.5%
of pipe installed, includes
activities from stringing
through to backfilling



1,227
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 mainline activities including grading, ditching, lowering-in and backfilling
- Completed sheet piling at entry side of the trenchless Gosnell Creek watercourse crossing
- Continued tie-ins and watercourse crossing activities
- Completed installation and restoration at Crystal Creek
- Continued grade and ditch work at multiple work fronts
- Continued ESC monitoring and maintenance

Look ahead**

- Continue ESC monitoring and maintenance
- Continue mainline activities for grading, ditching and lowering-in; complete grubbing scope
- Continue mainline grade and ditch blasting
- Begin mechanical work at MLBV 15 & 16
- Begin hydrotest at Test Section 7-04B
- Progress work at various watercourse crossings
- Progressing work at the Morice River crossing

**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



99.4%
of grading completed



90.9%
of pipe installed, includes activities from stringing through to backfilling



1,005
workers at Sitka, Hunter Creek, P2 and 9A Lodges

Section 8

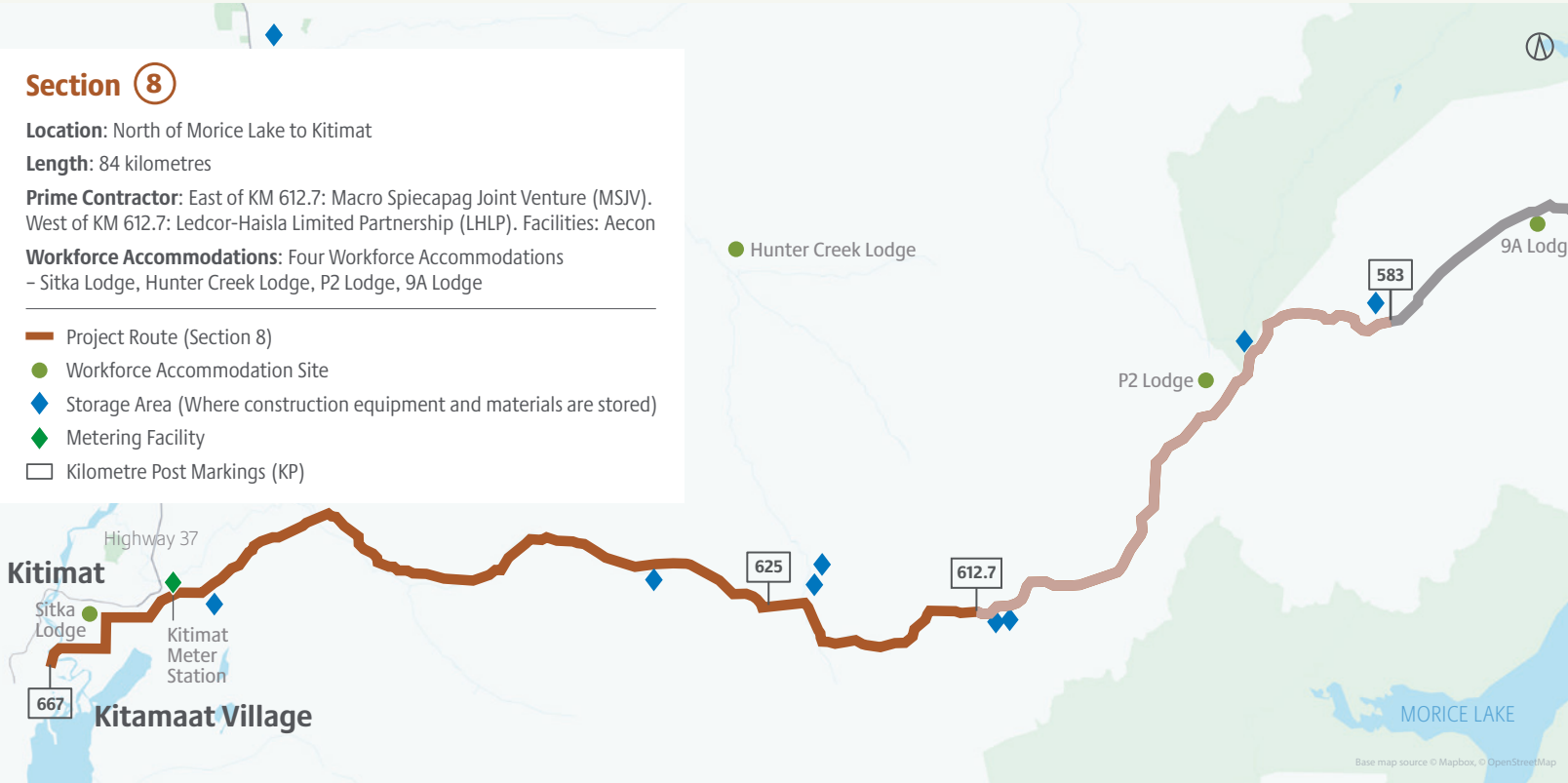
Location: North of Morice Lake to Kitimat

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

- Completed the reinstatement of flow and released isolation at the Clore River Crossing
- Progressed production welds and tie-ins
- Completed engineered fill special section at KP 589
- Completed 55 of 78 watercourse crossings

Section 8 East Look ahead*

- Complete Clore River Crossing tie-ins (out of stream), removal of remaining sheet piles and reinstatement of riparian area
- Continued ESC measures including dewatering and special reinstatement
- Progress Clore Hill lowering-in, welding and tie-ins from KP 595-596
- Complete four watercourse crossings currently under isolation between KP 595 to KP 608
- Plowing snow for access to Icy Pass
- Continue ESC maintenance and monitoring, preparing for spring freshet

*All schedules are subject to change

Section 8 West Key activities

- Continued mainline front-end and back-end work
- Completed valley area pipe install; progressed Kitimat townsite
- Resumed trenching, pipe weld and lowering-in in the glaciomarine clay area between KP 662 to KP 664
- Progressed civil work at Steep Slope 6
- Progressed Cable Crane Hill blasting, rock hammer and excavation
- Completed casing installation at trenchless crossing

Section 8 West Look ahead*

- Continue watercourse crossing installations
- Continue Cable Crane Hill civil works and backfill to the extent weather allows
- Continue construction in the glaciomarine clay area
- Continue mainline pipe install in North Hirsch area (KP 627-633)
- Continue to progress final trenchless watercourse crossing
- Continue ESC maintenance and monitoring

*All schedules are subject to change



Photo of the month

Innovative tunneling method preserves cliff face on steep slope

Coastal GasLink’s 670-kilometre route spans across some of the most complex terrains in Canada. Overlooking the beautiful landscape and right-of-way in Section 5, Fraser Cliffs is one of the many steep slopes that our crews have navigated. Located within Nadleh Whut’en and Stellat’en territory, Fraser Cliff’s distinctive rock face is an important local landmark. To preserve the cliff face, crews used an innovative technology called the ‘Down the Hole’ (DTH) Bore to tunnel under the cliff. Where the cliff rock meets softer terrain, crews continued pipe installation using the open cut method. This is just one of the many innovative construction methods that Coastal GasLink is using, while contributing to our extraordinary legacy of respect for all people, communities and the environment.



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](https://www.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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