

Construction Update

February 28, 2023

Numbers as available at the end of January unless otherwise noted

Monthly highlights

Overall project progress surpasses 84% this month; Two more sections nearing 100% pipe installation

This month, construction on Coastal GasLink surpassed 84% overall completion, keeping us on track to complete Canada's first direct path to delivering LNG to global markets by the end of 2023. This incredible progress is due in part to the rapid pace of pipe installation activities in Section 2 and Section 5, which are both nearing 100% of all pipe being installed.

Sections 1 and 4 reached 100% pipe installation last year, and with Sections 2 and 5 not far behind, we anticipate that by springtime, half of all sections will have achieved 100% pipe install milestones.

With more than 510 kms of pipe installed to date, including the completion of our compression and metering facilities in Kitimat and at Wilde Lake, the Coastal GasLink team is

advancing plans to ensure the safe operation of the pipeline when construction is complete.

Each and every pipeline weld will be inspected with ultrasonic inspection technology, in addition to using standard x-ray inspections tools. We will also test the integrity of the pipeline segment beyond its maximum operating pressure so that it can safely accept gas into the system.

As crews prepare for spring breakup - the time of year when field construction work is reduced due to soft, thawing ground conditions caused by melting snow, we are making significant headway to ensure critical in-stream works are complete before thawing conditions set in, while keeping erosion and sediment control (ESC) measures top of mind.

Take a look at our Photo of the month on page 10.

Performance at a glance:



84.1%
overall progress*



81.0%
construction progress



5,763
workers across the project route as of January 31, 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.



122 workers at Sunset Prairie Lodge

Section 1

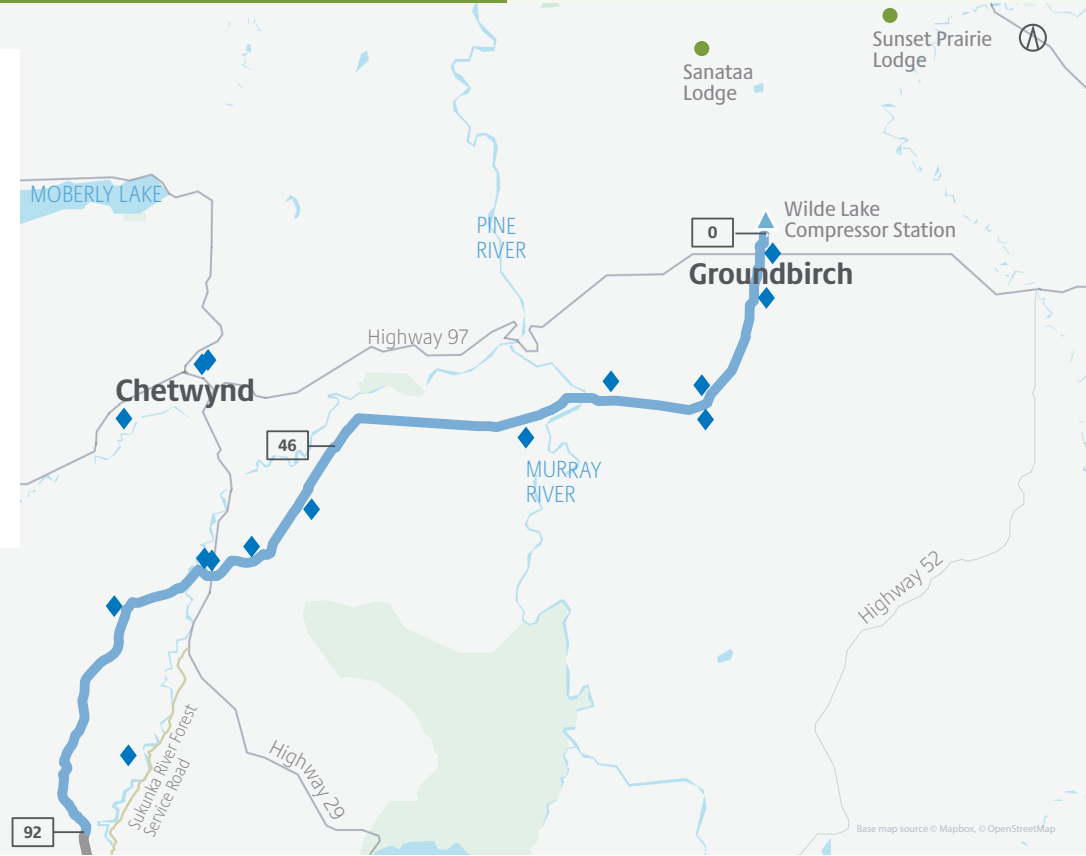
Location: West of Dawson Creek to south of Chetwynd

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
- Transported and stockpiled sand to Mainline Block Valve 4 site in preparation for summer works
- Completed demobilization of the Chetwynd Construction Office infrastructure

Look ahead*

- Continue ESC mitigation and maintenance
- Continue clean-up of right-of-way including the removal of debris and surplus materials

*All schedules are subject to change

Wilde Lake Compressor Station Key activities

- Overall construction is over 98% complete
- Final grade/clean-up will be completed in the spring as weather allows
- Electrical and Instrumentation is nearing full completion
- Ongoing deficiency list clean-up to facilitate turnover to commissioning
- Final construction walkdowns are complete
- Pre-start up safety reviews of early gas systems underway and nearing completion

Look ahead*

- Complete final system walkdowns
- Continue turnover to commissioning
- 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



204 workers at Sukunka Lodge

Section 2

Location: South of Chetwynd to east of McLeod Lake

Length: 48 kilometres

Prime Contractor: Surerus Murphy Joint Venture

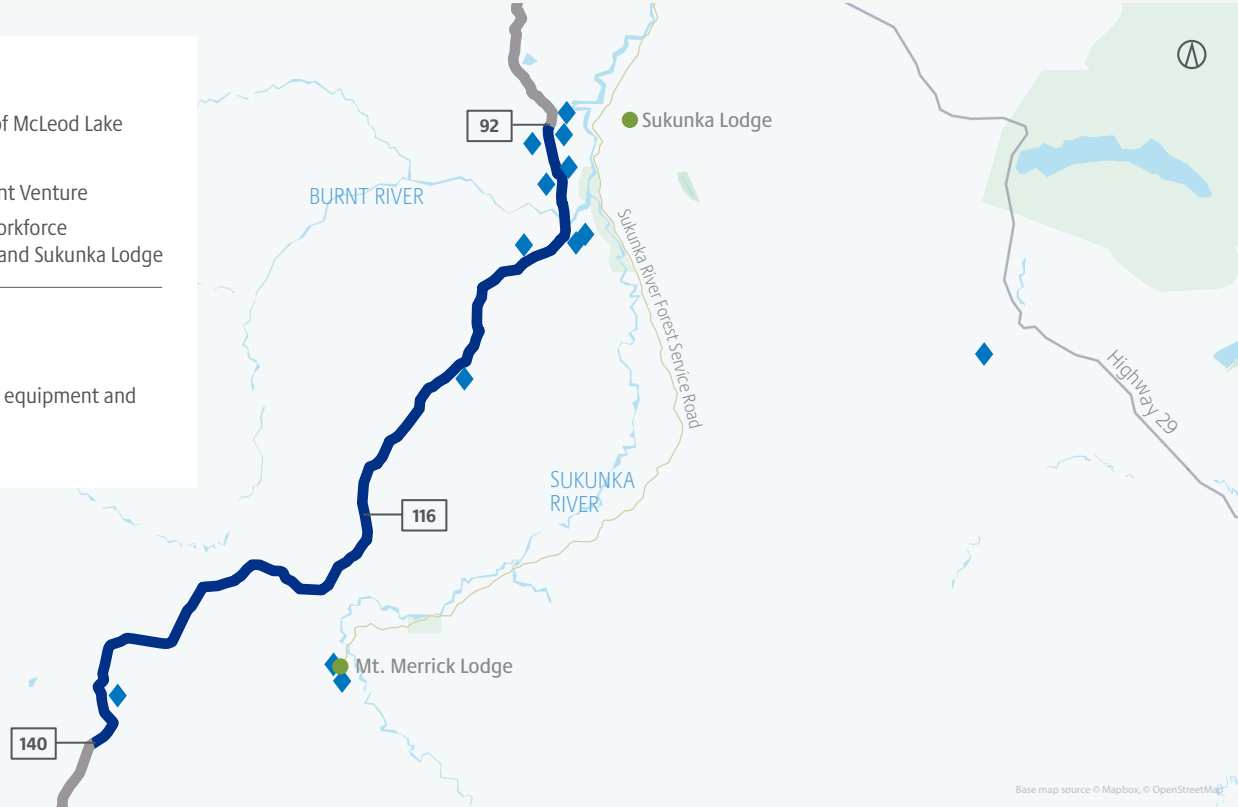
Workforce Accommodations: Two Workforce Accommodations – Mt. Merrick Lodge and Sukunka Lodge

■ Project Route (Section 2)

● Workforce Accommodation Site

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

□ Kilometre Post Markings (KP)



Key activities

- Remobilize crews and re-establish access to work fronts by clearing snow
- Completed final tie-ins at Burnt Mountain (KP 97)
- Continued isolation work at two key watercourse crossings
- Begin sheet pile installation
- Complete grading and began stringing and welding pipe segments for installation
- Ongoing ESC monitoring and maintenance

Look ahead*

- Continue ESC mitigation and maintenance
- Complete mechanical installation at key watercourse crossings (KP 133 & 136)
- Complete pipe installation at various work fronts
- Complete pipe integrity verification dig at KP 113

*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 the asset is safe to accept gas into the system, conducting integrity digs if any anomalies are found.

3 Section 3: Monthly Construction Update

At a glance:



100%
cleared, includes
project route and
ancillary sites



92.5%
of grading
completed



74.0%
of pipe installed, includes
activities from stringing
through to backfilling



1,248
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

- Continued development of Work Execution Plans (WEP) for Environmental Assessment Office (EAO) compliance
- 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
- Complete preventative avalanche risk mitigation blasts in the headwall area
- Continued mainline work between KP 165-180
- Continued tie-ins and machine clean up west of KP 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
- Completed hydrotesting between KP 212-228

Look ahead*

- Continue to develop and submit WEPs to EAO for backfill, tie-ins and final cleanup activities
- Continue grade, blasting and access work between KP 140-149
- Complete grade and continue mainline work between KP 149-165
- Continue sheet piling support
- Complete tie-ins and hydrotesting from KP 165-180
- Complete all final tie-ins west of KP 188
- 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:

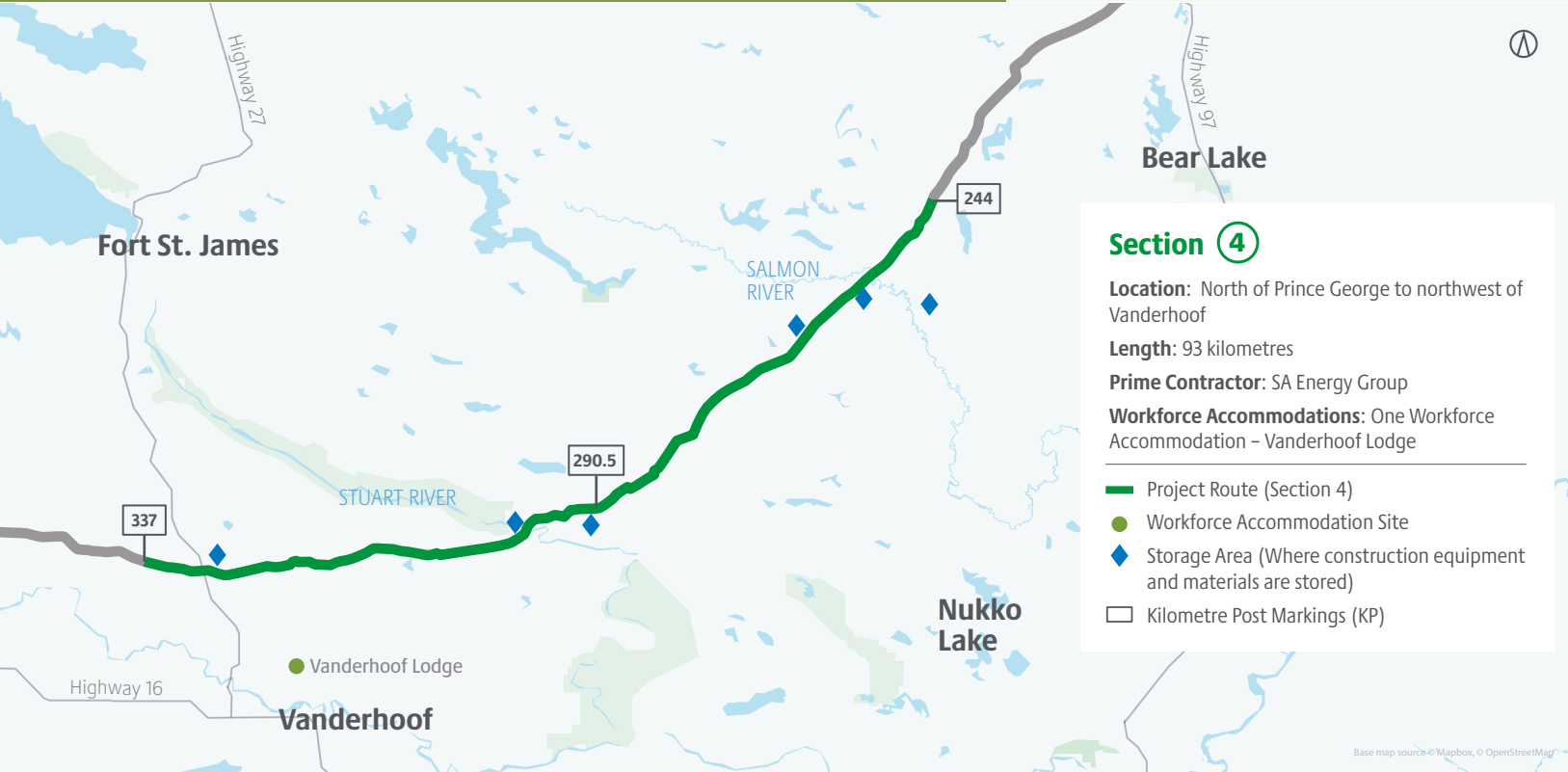


Completed pipeline installation

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
- Begin 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
- Complete Electrical and Instrumentation work at Clear Creek and Racoon Lake sites

*All schedules are subject to change

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



520
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

- Began sheet piling installation at Endako River Trenchless crossing
- Continue mainline ditching for 5.5km of Section 5 scope with lowering-in, backfilling and crossings forecasted to be completed in February
- Began Mainline Block Valve 10 installation
- Completed hydrotesting of Test Sections 8 and 9
- Continued ESC monitoring and maintenance

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.

Look ahead*

- Continue with ESC monitoring and maintenance
- Begin Endako River Trenchless Crossing drilling activities
- Complete hydrotest activities on all Test Sections
- Complete installation of MLBV 10 and MLBV 11
- Install Preservation between MLBV 9 and MLBV 10
- Complete construction activities from KP 392 to KP 397
- Continue crossing installations and tie-ins from KP 397-419
- Begin assembly of MLBV 12

*All schedules are subject to change

6 Section 6: Monthly Construction Update

At a glance:



100%
cleared, includes
project route and
ancillary sites



96.8%
of grading
completed



63.5%
of pipe installed, includes
activities from stringing
through to backfilling



585
workers at
7 Mile Lodge



Section 6

Location: South of Burns Lake to south of Houston

Length: 86 kilometres

Prime Contractor: Michels Canada*

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

- Completed caliper drying runs between KP 439-459
- Completed concrete coating installation on Allin Creek pipe section
- Resumed mainline welding activities
- Completed pipe installation for two key watercourse crossings
- Completed final tie-in welds on MLBV 13
- Began structural works on MLBV 14

Did you know?

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

Look ahead**

- Complete isolation and installation of Allin Creek crossing
- Begin mainline ditching activities
- Complete tie-in backfill and move crews to support tie-in backfills at other locations
- Install the preservation heads on open ends of piping
- Continue ongoing tie-in and blasting work
- Install MLBV 13 actuator, progress backfill and clean up
- Complete MLBV 14 structural and mechanical installation
- Continue with ESC monitoring and maintenance

**All schedules are subject to change

*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)

At a glance:



100% cleared, includes project route and ancillary sites



81.2% of grading completed



42.7% of pipe installed, includes activities from stringing through to backfilling



1,219 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
- Begin preparations for sheet piling installation at MLBV 15 & 16
- Progressed tie-in and watercourse crossing activities
- Progressed Gosnell access/frost packing, began moving and placing mats
- Progressed isolation and bridge installation at Owen Creek and Crystal Creek
- Progressed grade and ditch blasting in multiple areas
- Continued ESC monitoring and maintenance

Look ahead**

- Continue ESC monitoring and maintenance
- Continue mainline activities for grubbing, grading, ditching and lowering-in
- Continue grade and ditch blasting
- Continue piling activities on MLBV 15 & 16
- 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



90.6%
of pipe installed, includes activities from stringing through to backfilling



685
workers at Sitka, Hunter Creek, P2 and 9A Lodges

Section 8

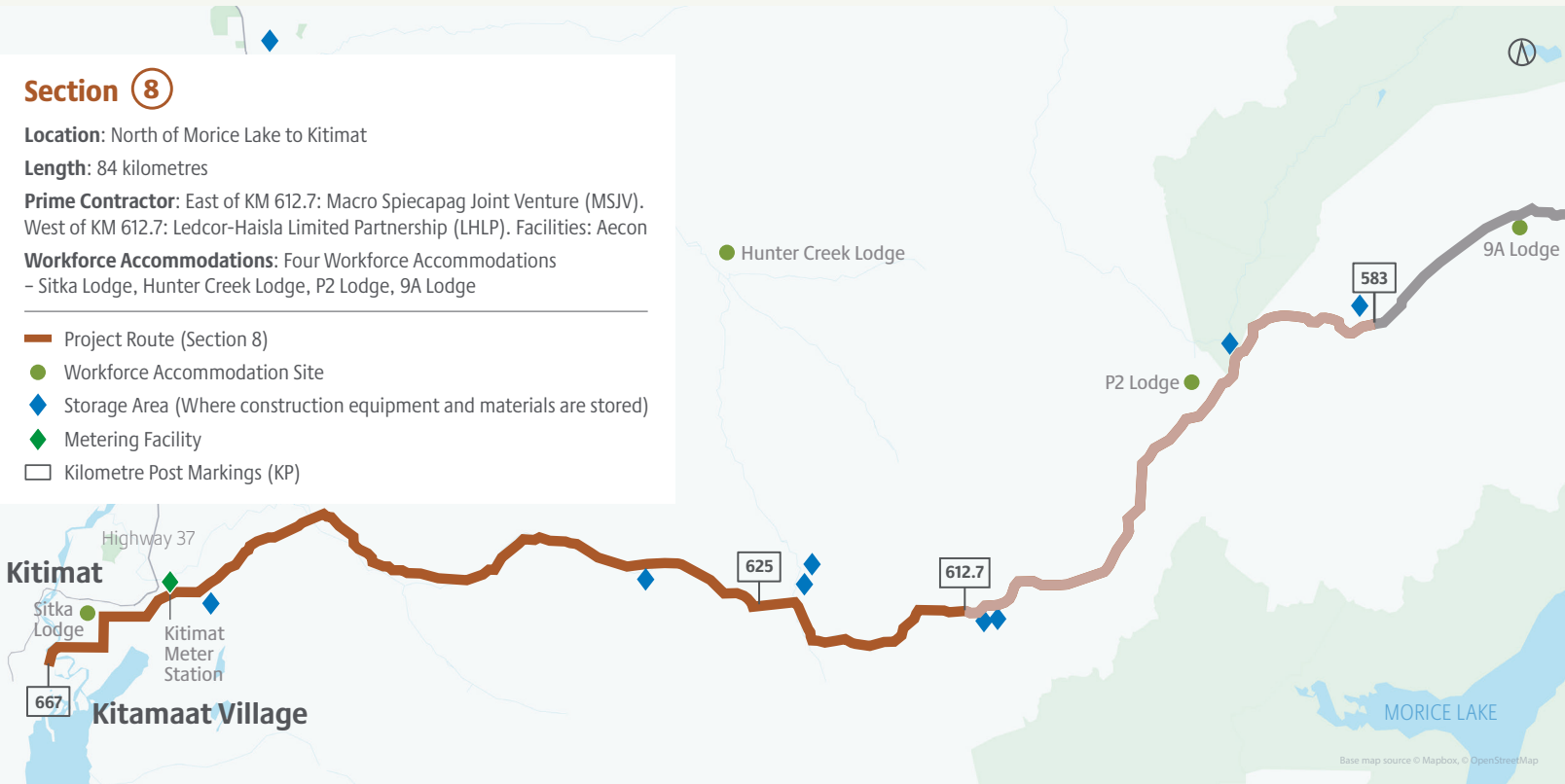
Location: North of Morice Lake to Kitimat

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 sheet piling at key watercourse crossing
- Completed snow removal, tie-ins, coating, lowering-in, ditching and backfill at Burnie Gorge
- Progressed mechanical activities and completed lowering-in, trenching, welding, coating and tie-ins at KP 589-590

Section 8 East Look ahead*

- Continue sheet piling and water level control for Clore River Crossing
- Continue welding, coating, lowering in, backfill and tie-ins
- Installation of Clore River Crossing
- Continue ESC maintenance and monitoring

**All schedules are subject to change*

Section 8 West Key activities

- Progressed valley pipe install
- Completed pipe installation at key watercourse crossings, continued pipe installation at other priority watercourse crossings
- Progressed civil work at Steep Slope 6
- Prepared sites for winter slowdown
- Progressed Cable Crane Hill trench excavation
- Continued 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
- Begin construction in the glaciomarine clay area within the District of Kitimat
- Continue mainline pipe install in North Hirsch area (KP 627-633)
- Continue to progress trenchless watercourse crossing
- Continue ESC maintenance and monitoring

**All schedules are subject to change*



Photo of the month

It's been a snowy winter in northern British Columbia, which means avalanche risk prevention and mitigation is top of mind for crews working on steep slopes. Across our project route, Field Avalanche Technicians monitor snow levels and temperature daily and test the stability of the snowpack to determine if it's safe for crews to proceed. From rescheduling crews to removing snow, the safest option is always taken. Check out this shot from last year of Field Avalanche Technicians on top of Burnt Mountain checking on snow levels.



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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