

Construction Update

June 28, 2023

Numbers as available at the end of May unless otherwise noted

Construction highlights

Coastal GasLink reaches 90 per cent overall completion

With the ramp up of crews to kick off our summer construction season, Coastal GasLink has achieved 90 per cent overall completion. Contributing to this major milestone, pipe installation is now complete in Section 6, which means that three out of eight sections have now achieved full pipe installation and more than 622 km of pipe has been installed along the 670-km route.

The summer construction season is always our busiest time of year, and during our final construction season things are no different. In the coming months we expect more than 6,000 women and men to be working along the project route as we set our sights on 100 per cent construction completion by the end of the year. The last 10 per cent of the Project will focus on technically challenging sections, complex workfronts, integrity testing and remaining watercourse crossings.

Wildfire response

As we enter the summer months, Coastal GasLink remains committed to the safety of the environment and communities, as we continue to closely monitor the wildfire situation across the province. Our workforce is on high alert, and crews are in place project-wide that are trained and fully equipped to suppress fires that could occur in the area. As such, we are pleased to announce that Coastal GasLink and TC Energy has provided a donation of \$70,000 to the United Way of Northern BC (UWNBC)'s Urgent Response Fund, enabling immediate assistance to those displaced and impacted by wildfires in northern B.C. [Read more here.](#)

Take a look at our [photo of the month](#) on page 10 to learn more about Steep Slope 3's Raised Bore

Performance at a glance:



90.0%
overall progress*



88.0%
construction progress



4,033
workers across the project route as of May 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
- Percentages represent amount of pipe installed, including activities from stringing through to backfilling



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.



84 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

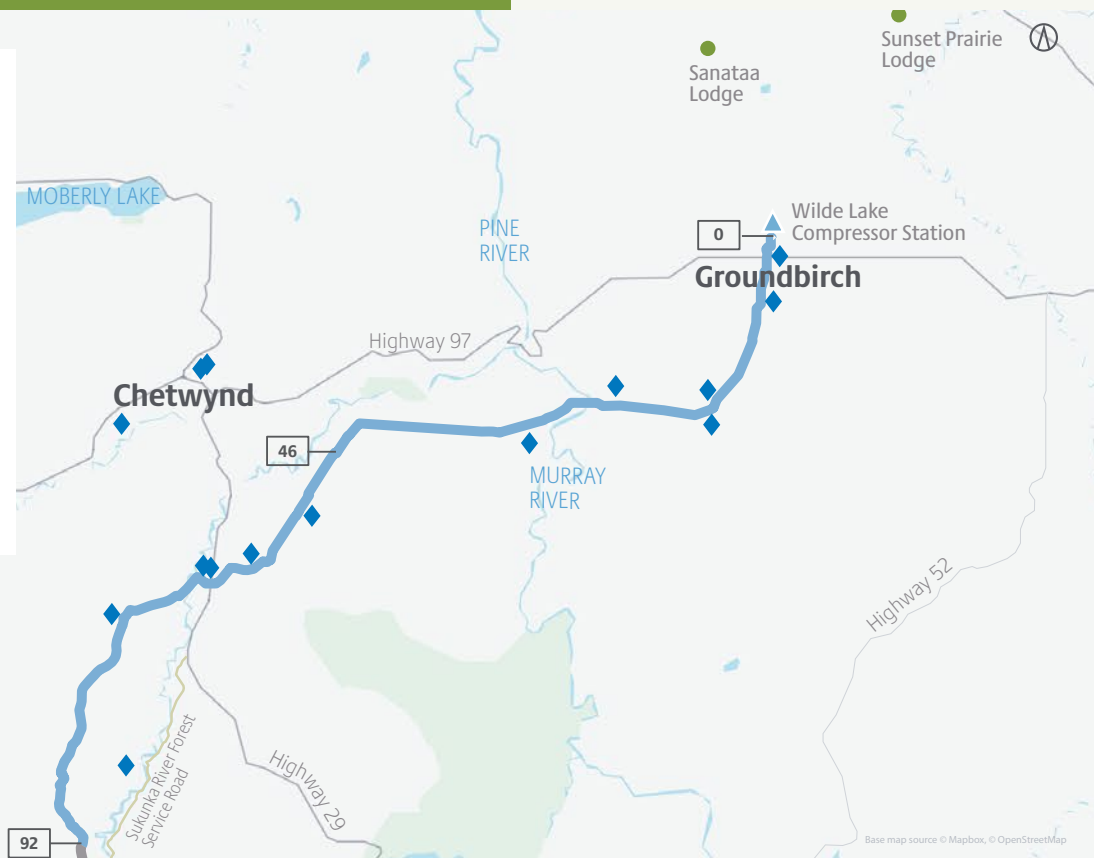
— Project Route (Section 1)

● 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
- Remobilizing backfill and clean-up crews for summer construction program

Look ahead*

- Continue Environmental and ESC monitoring and maintenance
- Complete backfill of Main Line Block Valve (MLBV) 4
- Progress remaining clean-up works between KP 24-140

*All schedules are subject to change

Did you know?

Mainline block valves (MLBV) are installed across the project to allow our operations team to cut off and isolate the flow of natural gas in the event of an emergency or routine maintenance.

Wilde Lake Compressor Station

Key activities

- Completed the introduction of gas in all compressor plants
- Completed first run of the A1 and A2 compressor units
- Continue final grading throughout the site to near completion

Look ahead

- First run of the A3 compressor unit
- Continued close out of remaining turnover checklist items for operations
- Project close out and transfer of responsibility from Prime contractor to operations team

*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



98.5%
of pipe installed, includes
activities from stringing
through to backfilling



345
workers at
Sukunka Lodge

Section 2

Location: South of Chetwynd to east of McLeod Lake

Length: 48 kilometres

Prime Contractor: Surerus Murphy Joint Venture

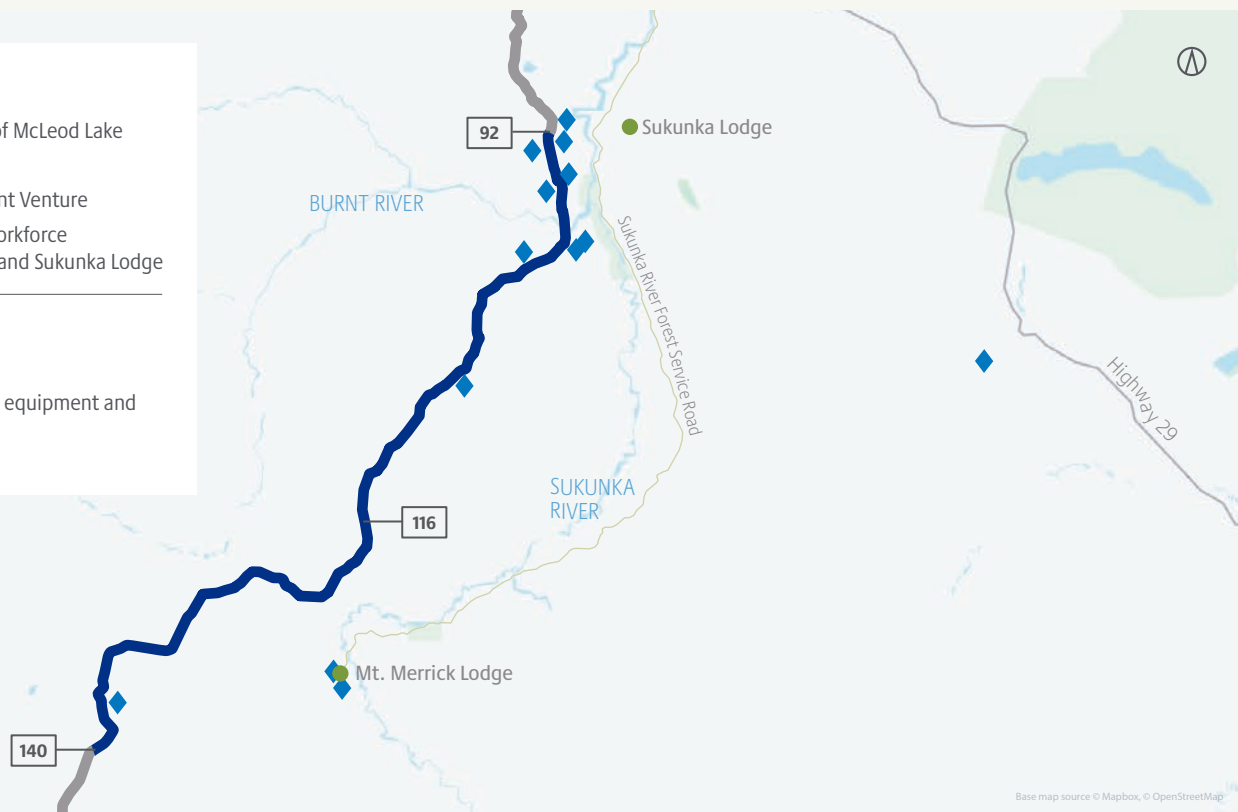
Workforce Accommodations: Two Workforce Accommodations – Mt. Merrick Lodge and Sukunka Lodge

— Project Route (Section 2)

● Workforce Accommodation Site

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

□ Kilometre Post Markings (KP)



Key activities

- Continued ESC monitoring and maintenance
- Complete Mt. Merrick Lodge reactivation
- Preparing access to KP 130-140 by removing snow and installing ESC mitigation measures
- Remobilize backfill, testing and steep slope crews for summer construction program

Did you know?

After the pipeline has been installed and hydrotested, a tool called a caliper pig is used to identify any possible anomalies, like dents, in the pipe after it was installed. These anomalies are investigated and resolved prior to gas entering into the pipeline.

Look ahead*

- Continue ESC mitigation and maintenance
- Continue backfill of Mt. Merrick Special Section at KP 120
- Continue to prepare access to KP 130-140 by removing snow and installing ESC mitigation measures
- Mobilize testing equipment and fill 2-3 test segments with water for hydrotesting
- Remobilize steep slope crews and begin trenching, welding and pipe installation between KP 138-140
- Complete investigations into pipe locations showing anomalies resulting from the KP 97-118 pipeline caliper pipe run

**All schedules are subject to change*

3 Section 3: Monthly Construction Update

At a glance:



100%
cleared, includes project route and ancillary sites



100%
of grading completed



89.0%
of pipe installed, includes activities from stringing through to backfilling



736
workers at Parsnip Lodge

Section 3

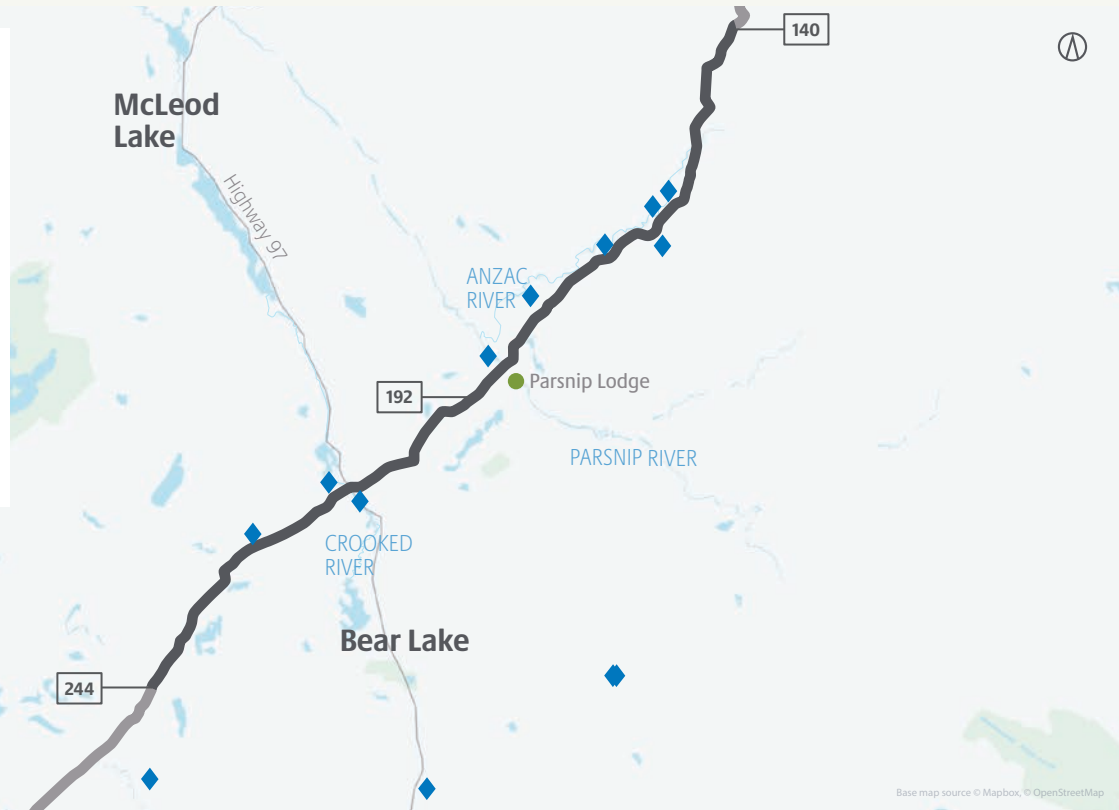
Location: East of McLeod Lake to north of Prince George

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

- Continue to actively address areas requiring additional ESC measures and repairs
- Completed grade blasting and grading. Continued rock processing to produce bedding/padding material for ESC mitigation
- Continue to develop Work Execution Plans (WEPs) for Environmental Assessment Office (EAO) compliance relating to cleanup activities
- Prepared access to KP 140-143 by removing snow and installing ESC mitigation measures
- Paused ditching, lowering-in and backfill work in the glaciolacustrine clay (GLC) area between KP 149–KP 165 due to unfavourable ground conditions
- Completed mechanical installation of Mt. Bracey valve site; paused backfill activities to refocus crews to ESC efforts along construction corridor
- Continued ongoing sheet piling support at multiple locations between KP 154-165
- Continued boring activity for watercourse crossing at KP 155

Look ahead*

- Continue to focus on ESC mitigation and maintenance and install additional ESC measures as required
- Continue to develop and submit WEPs to EAO for final cleanup activities
- Complete blast rock crushing for ESC mitigation
- Complete design of contingency crossing method for watercourse crossing at KP 143
- Complete preparations for SMJV to begin mechanical work between KP 140-143
- Complete boring activities for watercourse crossing at KP 155
- Begin Mount Bracey valve site electrical and instrumentation work, complete backfilling

**All schedules are subject to change*

4 Section 4: Monthly Construction Update

At a glance:

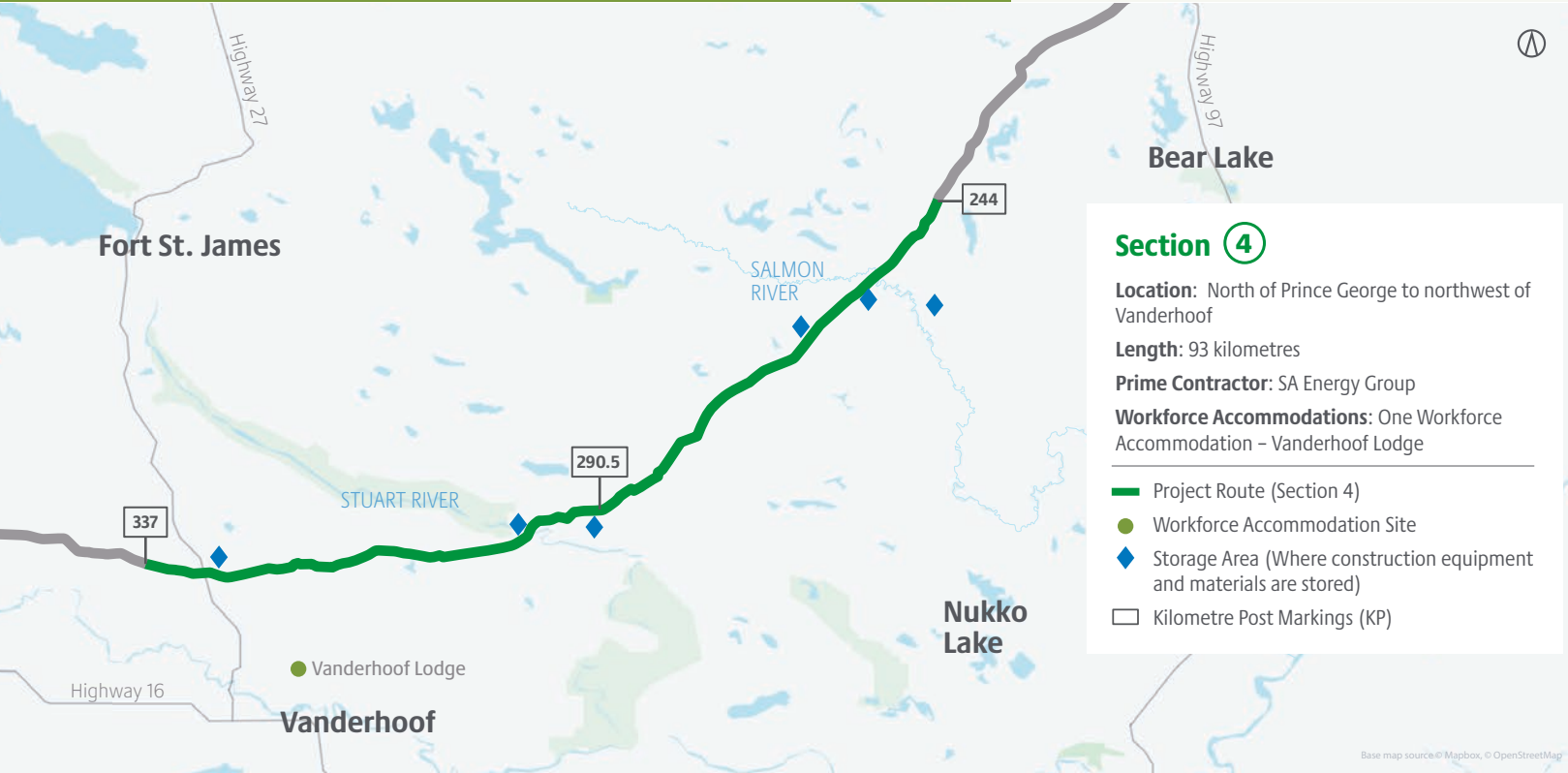


Completed pipeline installation

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
- Continue to address post-freshet repairs to slopes and construction corridor

Look ahead*

- Continued focus on ESC monitoring
- Monitor results of reclamation at Vanderhoof Lodge site
- Progress plans for permanent access roads to valve sites
- Progress project turnover activities in preparation for commissioning

*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 and commissioning 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



514
workers at Little
Rock Lake Lodge

Section 5

Location: North of Vanderhoof to south of Burns Lake

Length: 103 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 Endako River crossing
- Continued hydrotests of multiple test sections
- Continued ESC monitoring and maintenance

Look ahead*

- Continue with ESC monitoring and maintenance
- Continue to progress Endako River crossing
- Complete hydrotests of multiple test sections
- Continue ESC clearing of deficiency locations and advance freshet preparations in all areas
- Complete MLBV 12 mechanical and construction grade work
- Begin machine and final clean up work
- Complete blasting work as required between KP 419-440

**All schedules are subject to change*



Completed pipeline installation

While pipe installation is complete on Section 6, work is ongoing to complete testing and advance final clean-up and reclamation efforts.



282 workers at 7 Mile Lodge



Key activities

- Completed mainline lowering-in, backfill and tie-in activities between SHAR_19 and SHAR_23.
- Continued backfill to rough grade at MLBV 13
- Remobilization of crews to site after freshet to begin setting up for hydrotesting activities
- Prepared all test sections for hydrotesting

Look ahead**

- Continue ESC monitoring and maintenance
- Prepare for and complete hydrotests between KP 506 and SHAR_11
- Complete anomaly investigations, machine and final clean up between KP 439-442
- Begin machine and final clean up work
- Complete electrical and instrumentation, remaining rough grade and final grade activities at MLBV 13
- Complete remaining coating and hydrotesting; begin backfilling of station piping and rough grade at MLBV 14

**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)

7 Section 7: Monthly Construction Update

At a glance:



100% cleared, includes project route and ancillary sites



99.5% of grading completed



73.3% of pipe installed, includes activities from stringing through to backfilling



999 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

- Completed mainline bending, welding and coating activities
- Completed mainline bending, welding and coating at Owen Bluff (KP 521-525)
- Complete hydrotest at test section 07-06 at KP 547-551
- Progress work and installing ESC measures at Gosnell Creek crossing
- Begin machine and final clean up work
- Continued ESC monitoring and maintenance

Look ahead**

- Continue ESC monitoring and maintenance
- Continue backend mainline and tie-in activities
- Continue backend activities at Owen Bluff (KP 521-525)
- Progress clean up and trenching near Gosnell Creek to prepare crossing
- Begin mechanical and backfill activities at MLBV 16
- Continue blasting and grade activities at end of line (KP 582)
- Begin hydrotests preparation
- Begin machine and final clean up work
- Progress 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



99.5%
of grading completed



95.4%
of pipe installed, includes activities from stringing through to backfilling



1,236
workers at Sitka, Hunter Creek, P2 and 9A Lodges

Section 8

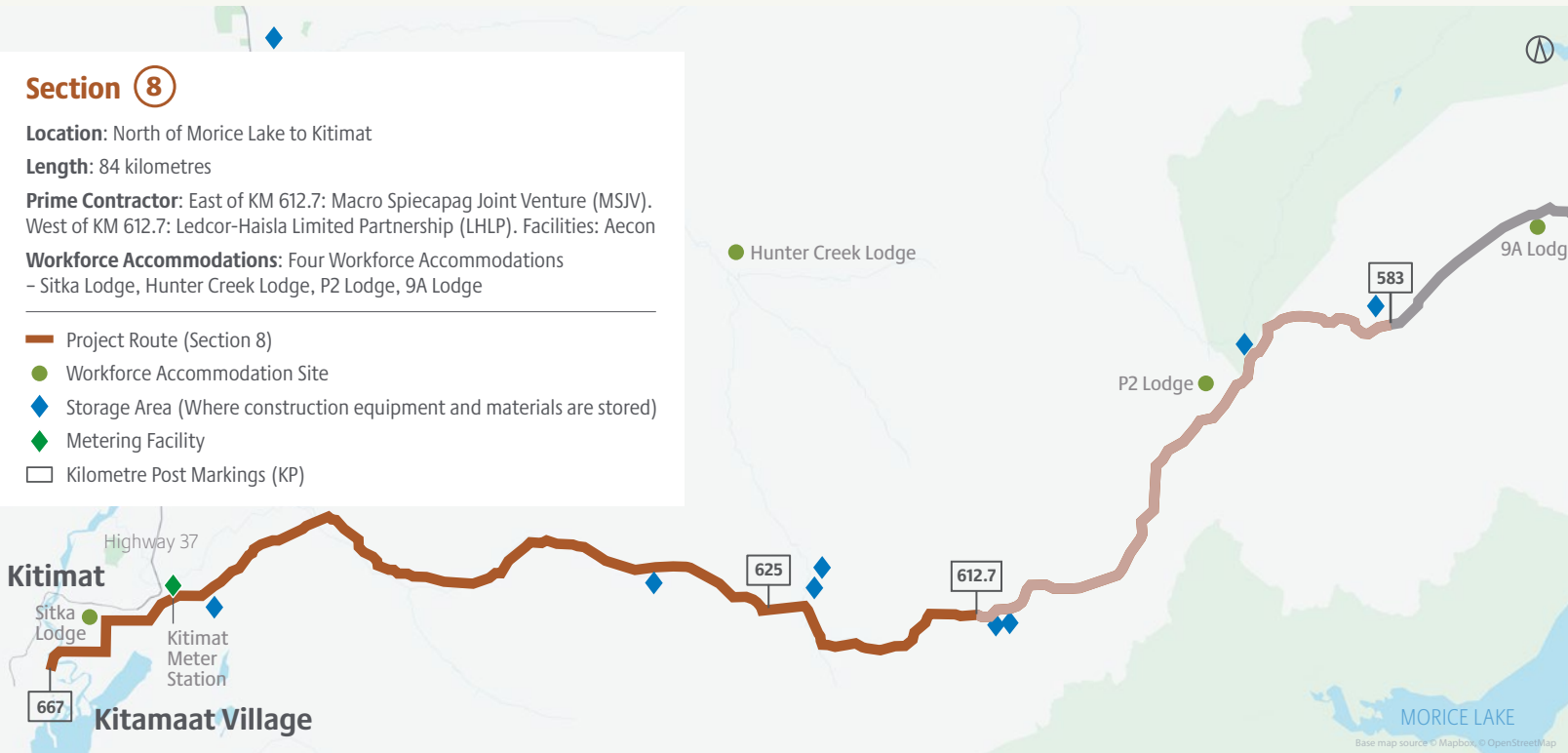
Location: North of Morice Lake to Kitimat

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

- Installation of ESC mitigation measures
- Completed clearing snow into the Icy Pass at KP 606-612 and KP 583-586
- Continued production welds including tie-ins
- Conducted hydrotests in two test sections; cleaning and gauging hydrotest test section underway
- Completed all mechanical activities at Clore Hill at KP 595-596
- Began backfilling activities at Burnie Gorge at KP 592-606

Section 8 East Look ahead*

- Continue ESC mitigation and maintenance
- Continue mechanical works at Icy Pass at KP 611-612
- Continue backfilling at Burnie Gorge at KP 592
- Continue machine and final clean-up at KP 583-588
- Continue cleaning and gauging hydrotest sections and prepare to conduct tests at KP 599-610
- Continue backfilling slope at KP 606
- Continue lowering-in and tie-ins at KP 604-610; complete backfilling at KP 597-610

*All schedules are subject to change

Section 8 West Key activities

- Completed mainline front-end and back-end work west of KP 629, recommenced central Icy Pass mainline work
- Completed pipe install and backfill at Kitimat townsite and glaciomarine clay area (KP 662-664)
- Completed pipe install and reclamation on all watercourse crossings west of KP 624
- Continued Steep Slope 6 pipe install and backfill near KP 620
- Progressed mechanical work at Cable Crane Hill
- Recommenced Steep Slope 3 mechanical work
- Continued hydrotest and clean up activities

Section 8 West Look ahead*

- Continue Cable Crane Hill pipe install and backfill, and mainline pipe install in Icy Pass (KP 612-614)
- Continue Steep Slope 3 pipe weld and pipe installation at KP 617
- Continue Steep Slope 6 pipe install and backfill at KP 620
- Complete hydrotesting between KP 629-667
- Continue clean up work on between KP 650-658
- Continue ESC maintenance and monitoring

*All schedules are subject to change



Photo of the month

A first-of-its-kind in Canada – Coastal GasLink’s Raised Bore on Steep Slope 3

Deep in the coastal mountain range in Section 8W, Coastal GasLink has employed innovative engineering to tackle steep slopes. Using an innovative technique called a raised bore, crews working on Steep Slope 3 built a tunnel more than 100 metres into the mountain, and 120 metres vertically on a 60-degree angle to maneuver the product pipe in through the mountain. After months of collaboration on detailed design, construction plans and risk mitigation, crews completed the safe installation of the product pipe ahead of schedule. While this will be the first time the raised bore method is used in Canada, the Coastal GasLink team tapped into the expertise of the TC Energy team who successfully implemented this technology in Mexico.



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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Visit our community office:
Prince George
760 Kinsmen Place

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