

Construction Update

December 21, 2022

Numbers as available at the end of November unless otherwise noted

Monthly highlights

Finishing 2022 at more than 80% completion, Coastal GasLink sets a strong foundation for final year of construction

2022 was an incredible year filled with many construction milestones, as the project achieved more than 80 per cent completion. Some of the most notable achievements include the 100% pipe install in Sections 1 and 4, the completion of our Wilde Lake compressor station and the commencement of pipe install at Cable Crane Hill – which has reached 45 per cent pipe install ahead of schedule. This year, we also safely and successfully completed 9 out of 10 major watercourse crossings.

To date, our team has installed nearly 490 km of pipe across the 670-kilometer route, and steady progress is made each day. Overall, our team has spent more than 38 million hours working on this project, with more than 6,000 women and men employed at our peak.

Take a look at our Photo of the month on page 10 for a holiday message from Coastal Gaslink.

Performance at a glance:



81.2%
overall progress*



77.8%
construction progress



6,120
workers across the project route as of November 30, 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.



170
workers at
Sunset Prairie Lodge

Section 1

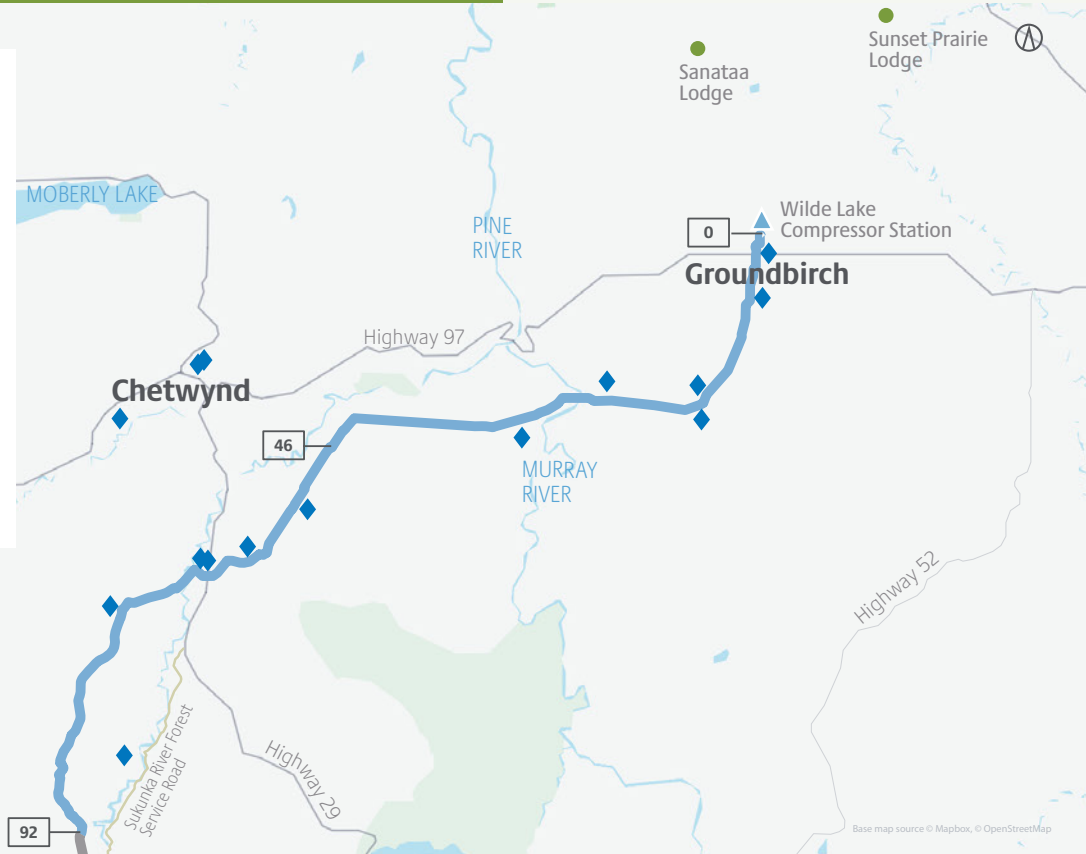
Location: West of Dawson Creek to south of Chetwynd

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 pre-winterization Erosion and Sediment Control (ESC) mitigation and maintenance
- Progressed machine and final clean-up activities
- Completed piping for Mainline Block Valve 4 installation; continued mechanical installation

Look ahead*

- Complete pre-winter ESC mitigation and maintenance
- Complete Mainline Block Valve 4 testing and tie-ins
- Complete clean-up activities for 2022 and demobilize clean-up crews until summer 2023

*All schedules are subject to change

Wilde Lake Compressor Station Key activities

- Overall construction surpassed 98%
- Continue backfill activities throughout the yard to near completion
- Winter prep underway with deficiency list clean up to facilitate turnover to commissioning
- Progressed electrical and instrumentation work to near completion

Look ahead*

- Continue backfill activities throughout the site in January, weather permitting
- Progress electrical and instrumentation installation across compressor station and meter station areas
- Continue turnover to commissioning

*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



97.5%
of pipe installed, includes
activities from stringing
through to backfilling



483
workers at
Sukunka and
Mt. Merrick Lodges

Section 2

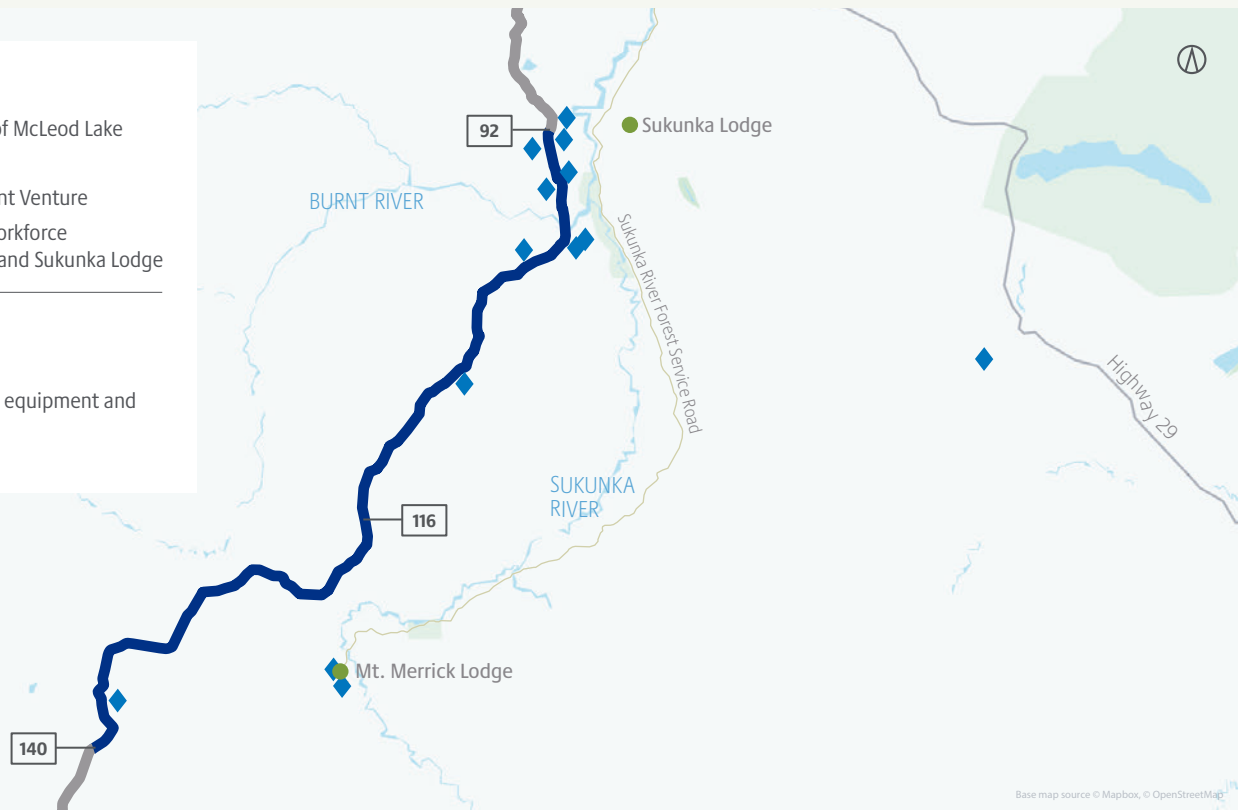
Location: South of Chetwynd to east of McLeod Lake

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)



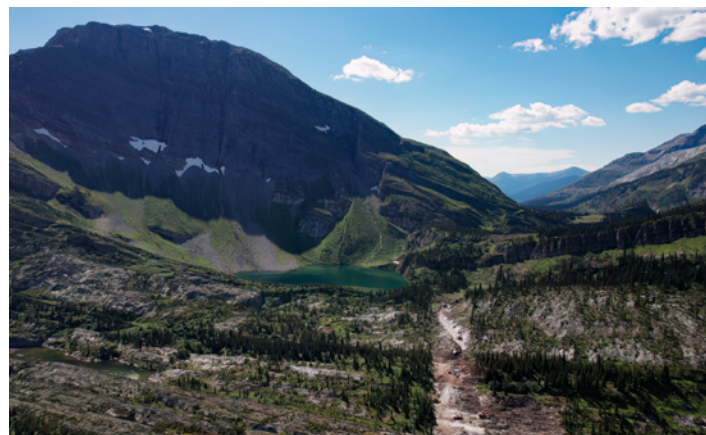
Key activities

- Continued ESC mitigation and maintenance
- Progressed mechanical installation through Mount Merrick Special Section (KP 117-122)
- Progressed mechanical installation at the Headwall Special Section (KP 138-140)

Look ahead*

- Complete pre-winter ESC mitigation and maintenance
- Progress mechanical installation through Mount Merrick Special Section (KP 117-122)
- Progress mechanical pipe installation through Headwall Special Section (KP 138-140) including watercourse and wetland crossing at KP 139.7
- Demobilize mechanical installation crews for holiday break; return in January for additional mechanical installation
- Demobilize Mount Merrick Lodge facility in December 2022

*All schedules are subject to change



Scenic views from the Headwall where construction is quickly approaching 100% pipe installation

3 Section 3: Monthly Construction Update

At a glance:



100%
cleared, includes
project route and
ancillary sites



83.2%
of grading
completed



64.6%
of pipe installed, includes
activities from stringing
through to backfilling



1,164
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, stringing and bending work in the glaciolacustrine clay area between KP 149-165
- Continued access, grubbing and grading activities at KP 143-149 toward Headwall Special Section
- Began access, grubbing and blasting between KP 140-143 (supported by SMJV)
- Completed grading and continued mainline work between KP 165-180
- Continued tie-ins and machine clean up from Season 3 work
- Continued ESC mitigation and maintenance
- Continued Mount Bracey valve site development
- Completed in-line inspection (ILI) tool run between KP 190-212

Look ahead*

- Continue to develop and submit WEPs to EAO
- Continue access, grading, drilling and blasting between KP 140-149
- Continue grade and mainline work between KP 149-165 and KP 165-180
- Continue Mount Bracey valve site development
- Continued ESC mitigation and maintenance
- Ramp down crews for holiday break

**All schedules are subject to change*

4 Section 4: Monthly Construction Update

At a glance:

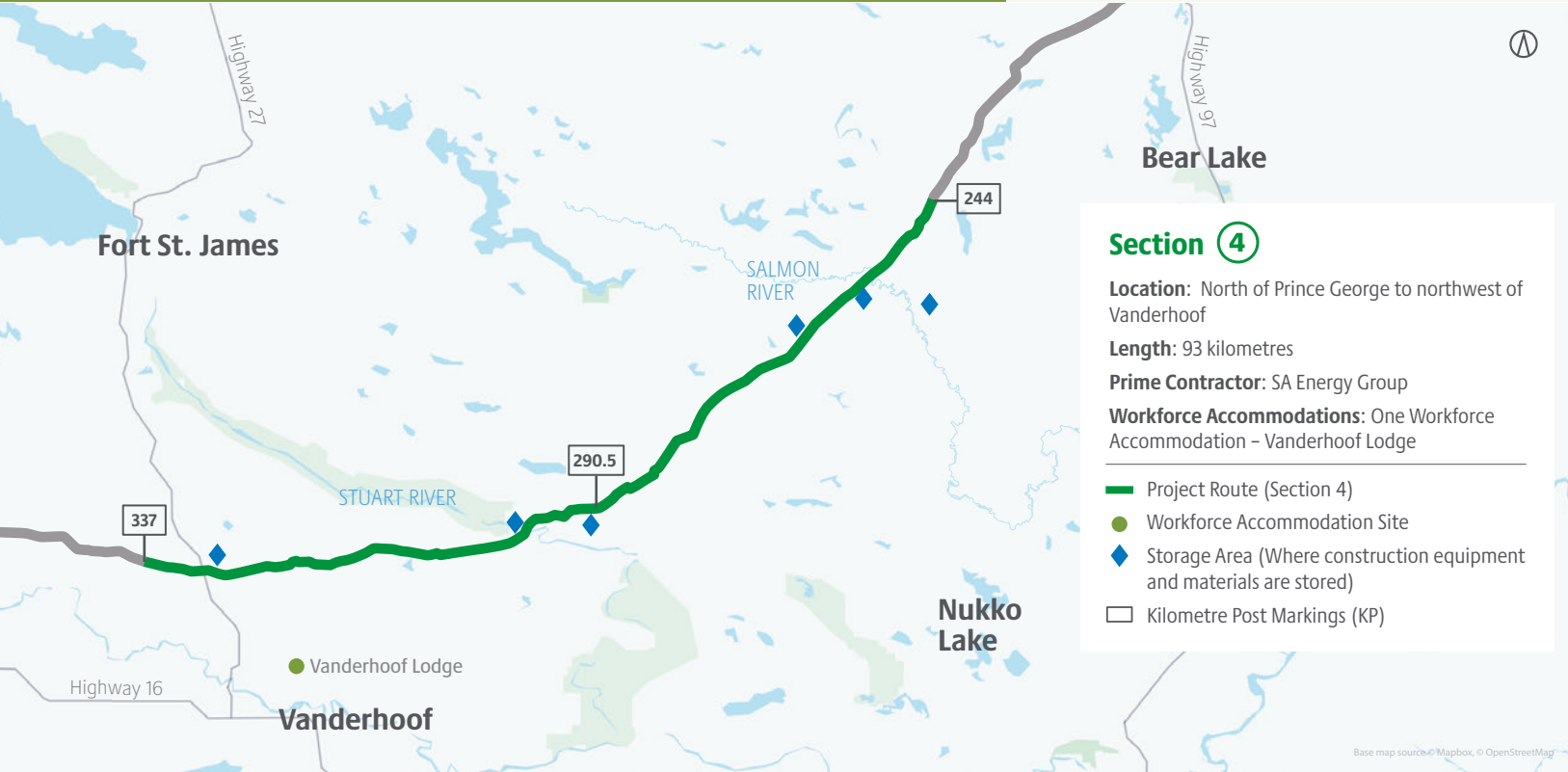


Completed pipeline installation

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

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

*All schedules are subject to change

Did you know?

An in-line inspection (ILI) tool is used as part of our pipeline integrity program to identify corrosion, cracks and other defects using a device known as a Smart Pig, which are devices sent through the pipeline to collect data.

5 Section 5: Monthly Construction Update

At a glance:



100%
cleared, includes project route and ancillary sites



100%
of grading completed



84.6%
of pipe installed, includes activities from stringing through to backfilling



480
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 civil activities; complete Mainline activities from KP 337-378
- Completed two caliper tool runs and tie-ins
- Continue construction activities at Fraser Cliff
- Endako River trenchless crossing deferred to January 2023
- Started mainline activities between KP 391-397
- Started mainline work including freeze down activities between KP 397 and KP 419
- Started MLVB-10 and MLBV-11 installations
- Continued ESC monitoring and maintenance

Look ahead*

- Continue with ESC monitoring and maintenance
- Complete construction activities at Fraser Cliff
- Complete mainline construction activities between KP 379-389
- Complete remaining tie-ins
- Complete hydrotest activities on all Test Sections
- Continue mainline construction activities from KP 391-397 and start crossing and tie-in work
- Continue reclamation activities

**All schedules are subject to change*

6 Section 6: Monthly Construction Update

At a glance:



100%
cleared, includes
project route and
ancillary sites



94.5%
of grading
completed



52.2%
of pipe installed, includes
activities from stringing
through to backfilling



608
workers at
7 Mile Lodge



Key activities

- Completed mainline backfill, cathodic protection installation and tie-ins between KP 442-458
- Completed cleaning runs and other prerequisites in preparation for hydrostatic testing between KP 439-458
- Completed installation and restoration of watercourse crossing SHAR-31 at KP 030+952
- Started preparations and isolation on two watercourse crossings at KP 425 and KP 420

Did you know?

There are 17 Mainline Block Valves across the entire project route which allow for our operations team to cut off and isolate the flow of natural gas in the event of an emergency or routine maintenance.

Look ahead*

- Continue mainline activities
- Complete isolation and pipe installation at two watercourse crossings KP 425 and KP 420
- Complete pile installation of Mainline Block Valve 14 at Parrott Lakes future compressor station
- Complete restoration of watercourse crossing at SHAR-28
- Continue site preparations and pipe works at Allin Creek watercourse crossing
- Complete hydrotest activities between KP 439-458
- Continue with ESC monitoring and maintenance

*All schedules are subject to change

7 Section 7: Monthly Construction Update

At a glance:



100%
cleared, includes
project route and
ancillary sites



67.6%
of grading
completed



32.4%
of pipe installed, includes
activities from stringing
through to backfilling



1,229
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

- Continue mainline activities including grubbing, grading, ditching and lowering-in
- Ongoing activities for tie-ins and watercourse crossings
- Ongoing planning to prepare site for winter
- 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
- Progress tie-ins and watercourse crossings
- Progressing work at the Morice River water 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



98.7%
of grading completed



87.7%
of pipe installed, includes activities from stringing through to backfilling



1,386
workers at Sitka, Hunter Creek, P2 and 9A Lodges

Section 8

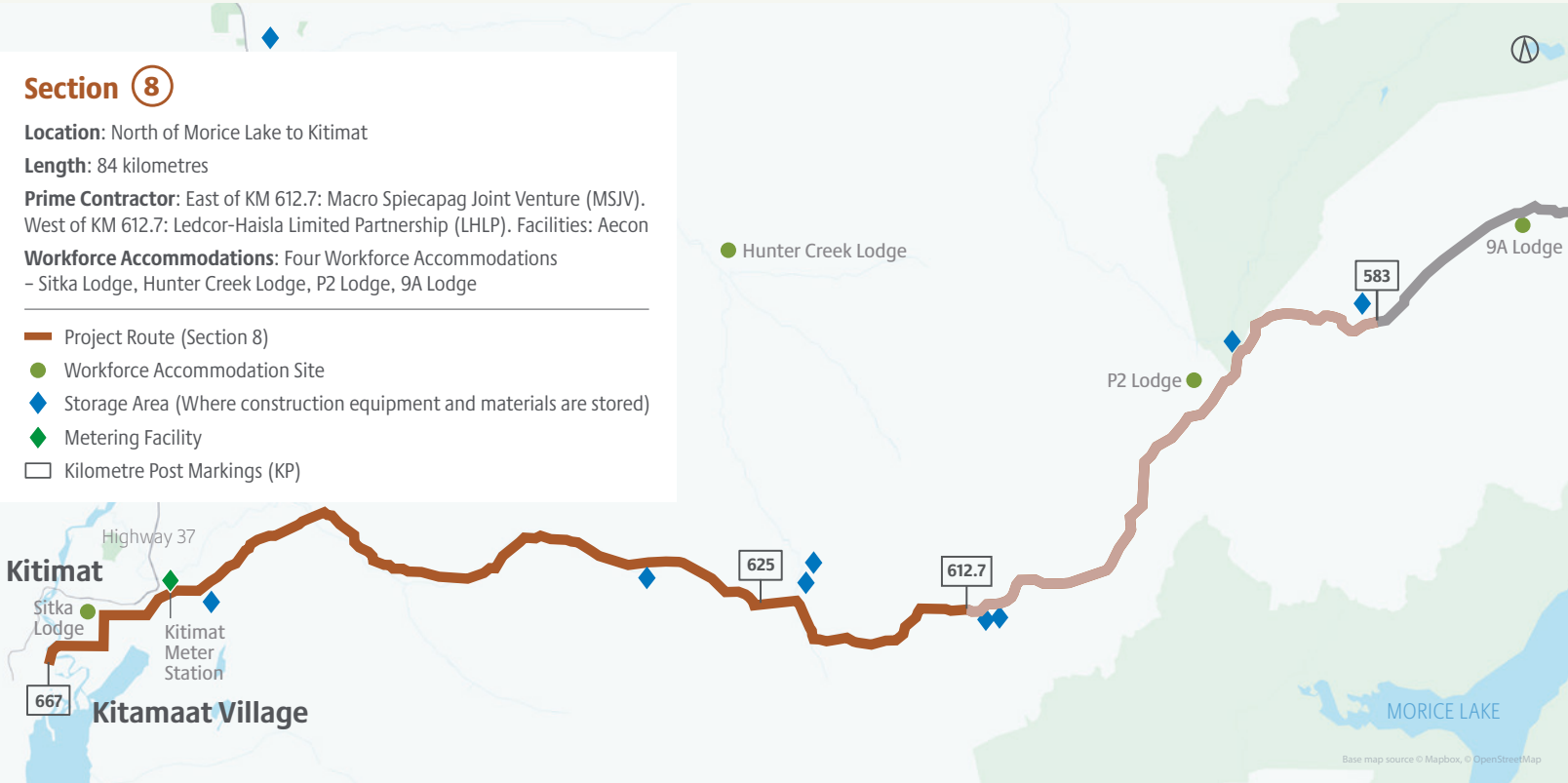
Location: North of Morice Lake to Kitimat

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 Clore River
- Continue key watercourse crossing re-instatement and isolation followed by lowering-in and backfill
- Progress mechanical activities between KP 604-612
- Completed cleaning, gauging and set up for hydrotesting of Test Section 2B

Section 8 East Look ahead*

- Continue watercourse crossing installations and reinstatements
- Continue sheet piling at Clore River; mobilize subcontractor for pump installation
- Complete welding, coating, lowering in, backfill and tie-ins at Bernie Gorge forecasted for the new year
- Progress trenching, lowering in, backfill and tie-ins at KP 604-612
- Continue backfill and tie-ins at KP 597-604
- Continue ESC maintenance and monitoring

*All schedules are subject to change

Section 8 West Key activities

- Continued mainline and back-end pipe installation
- Completed pipe installation at key watercourse crossings; continued pipe installation at other priority watercourse crossings
- Progressed work at Steep Slopes 3, 6 and 10
- Progressed Cable Crane Hill blasting, excavation and pipe backfill
- Completed hydrotesting and caliper run of Test Sections 10 and 11

Section 8 West Look ahead*

- Continue watercourse crossing installations
- Continue Cable Crane Hill civil and backfill to the extent weather permits
- Complete glaciomarine clay area design
- Continue mainline pipe install in North Hirsch area (KP 627-633)
- Complete final drying of Test Sections 10 and 11
- Continue ESC maintenance and monitoring

*All schedules are subject to change



Photo of the month

This year has been full of many milestone achievements, and it's all thanks to the support of the Indigenous and local communities along the project route. We look forward to continuing to build this extraordinary legacy with you as we enter the final year of construction in 2023.

From everyone at Coastal GasLink, we wish you and your family a happy holiday.



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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