

Construction Update

April 28, 2023

Numbers as available at the end of March unless otherwise noted

Construction highlights

Wrapping up our winter construction season

As we enter spring and wind down our winter construction season, our crews are preparing for spring break-up, when field construction work is reduced due to soft, thawing ground conditions caused by melting snow. During this time, our workforce is focused on critical and seasonally sensitive work, while also ensuring the integrity of site conditions and that enhanced erosion and sediment control measures are in place.

Take a look at our **photo of the month** on page 10 to learn about how the Nadleh-Macro team is progressing project construction while building their careers.

Construction by the numbers

Coastal GasLink continues to safely and steadily progress construction, with nearly 87% of construction complete. This includes the following recent achievements:

- 85% of all water crossings safely completed
- Access to the Headwall, one of the project's many Steep Slopes in the Rocky Mountains, is now complete
- More than 567 km of pipe installed
- Nearly 94% of all pipe has been welded
- 44 million hours of work completed

Performance at a glance:



86.8%
overall progress*



84.4%
construction progress



5,513
workers across the project route as of March 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.



94 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

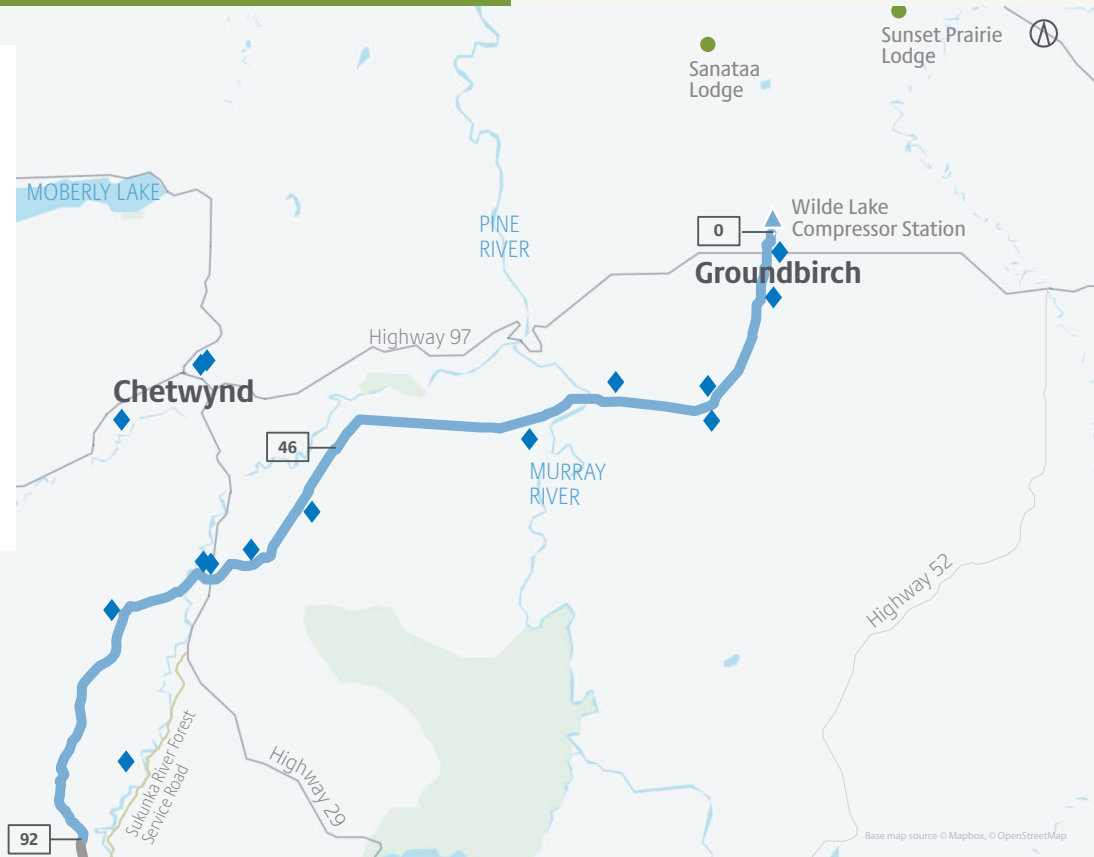
— Project Route (Section 1)

● 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 pipe preservation for the season and demobilized crews for spring break-up

Look ahead*

- Continue Environmental and ESC monitoring and maintenance

*All schedules are subject to change

Wilde Lake Compressor Station

Key activities

- Continued progressively introducing gas throughout the facility; fired up heating system to eliminate temporary heaters on site
- Civil work to complete finished grade of the facility

Look ahead*

- Complete commissioning of utility generators to remove temporary site commissioning power
- Complete Pre-Startup Safety Review (PSSR) for the compressor plants
- Continue civil work to complete finished grade

*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



98.3%
of pipe installed, includes
activities from stringing
through to backfilling



190
workers at
Sukunka Lodge

Section 2

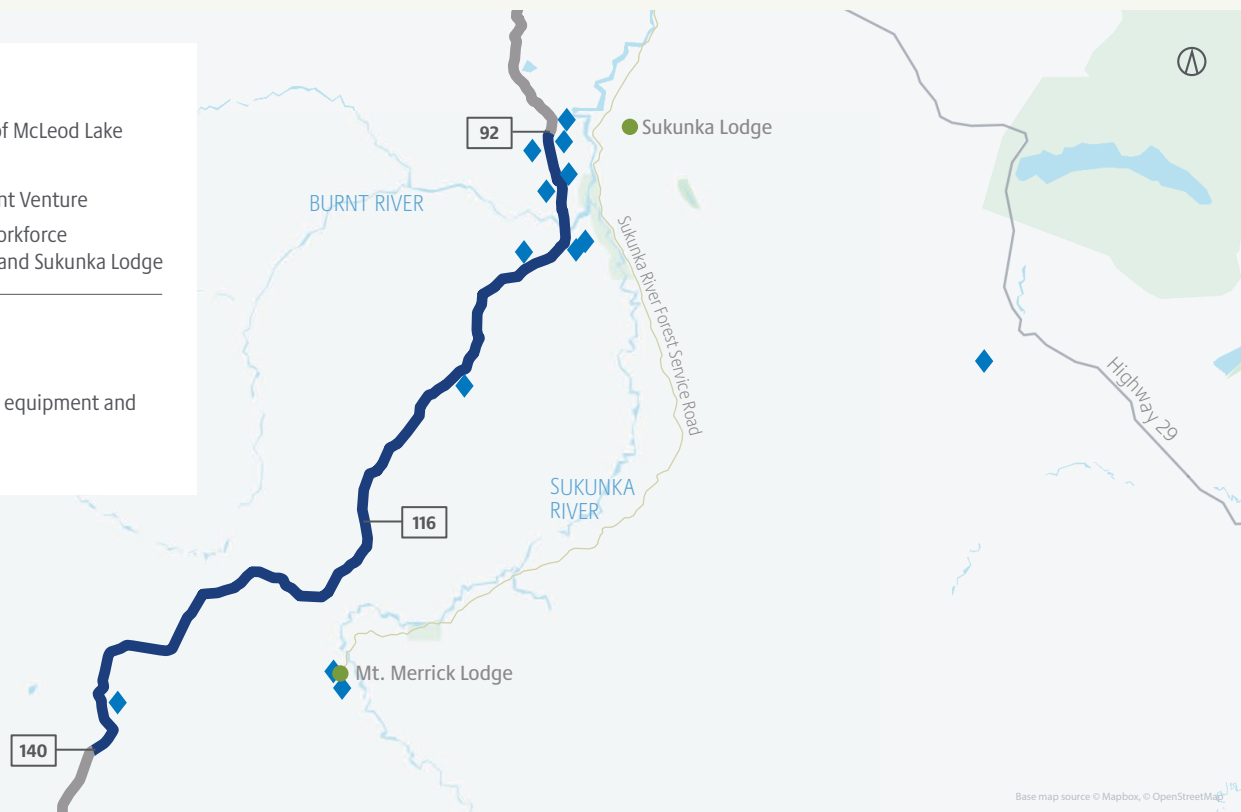
Location: South of Chetwynd to east of McLeod Lake

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)



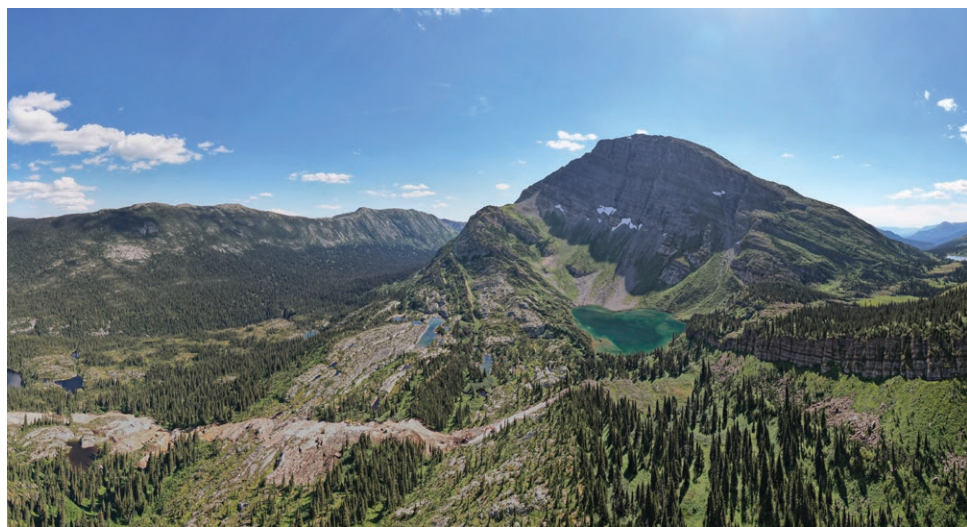
Key activities

- Completed pipe installation, backfill and reclamation at watercourse crossings near KP 133 and KP 136
- Completed installation on Steep Slopes at KP 136
- Completed pipe preservation activities for the season and demobilized crews for spring break-up
- Ongoing construction corridor and ESC monitoring and maintenance

Look ahead*

- Continue ESC mitigation and maintenance
- Monitor weather and ground thawing conditions to establish remobilization date

*All schedules are subject to change



The Headwall in Section 2 is one of the Project's many incredible Steep Slopes that traverse mountainous terrain. Near the bottom left of the image, you can see the recently completed access road that the construction crews created to safely access this steep terrain.

3 Section 3: Monthly Construction Update

At a glance:



100% cleared, includes project route and ancillary sites



96.0% of grading completed



87.1% 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

- Complete North Anzac Road extension, providing access to KP 143
- Continued grade and ditch blasting, grading and rock processing to produce bedding/padding material
- Develop Work Execution Plans (WEPs) for Environmental Assessment Office (EAO) compliance relating to cleanup activities
- Continued ditching, lowering-in and backfill work in the glaciolacustrine clay (GLC) area between KP 149 and KP 165
- Continued installation of Mt. Bracey valve site
- Continued preventative avalanche risk mitigation blasts in the headwall area
- Continued mainline work between KP 165 and KP 180 and cleanup work west of KP 180
- Completed final tie-ins between KP 165 and KP 244
- Continued ongoing sheet piling support at multiple locations
- Prepare for spring break-up while continuing ESC mitigation and maintenance
- Continued boring activities at watercourse crossings at KP 150 and KP 155

Look ahead*

- Continue to develop and submit WEPs to EAO for final cleanup activities
- Continue grade, blasting and access work between KP 140 and KP 149
- Complete watercourse crossing bore between KP 143 and KP 144
- Continue mainline work and sheet piling support between KP 149 and KP 165
- Complete boring activities at watercourse crossings at KP 150 and KP 155
- Complete ditching, lowering in, backfill from KP 165 to KP 244
- Complete hydrotest and run in-line inspection (ILI) tool from KP 163 to KP 188
- Continue Mount Bracey valve site development
- Continue ESC mitigation and maintenance, install ESC measures in preparation for spring break-up

*All schedules are subject to change

4 Section 4: Monthly Construction Update

At a glance:

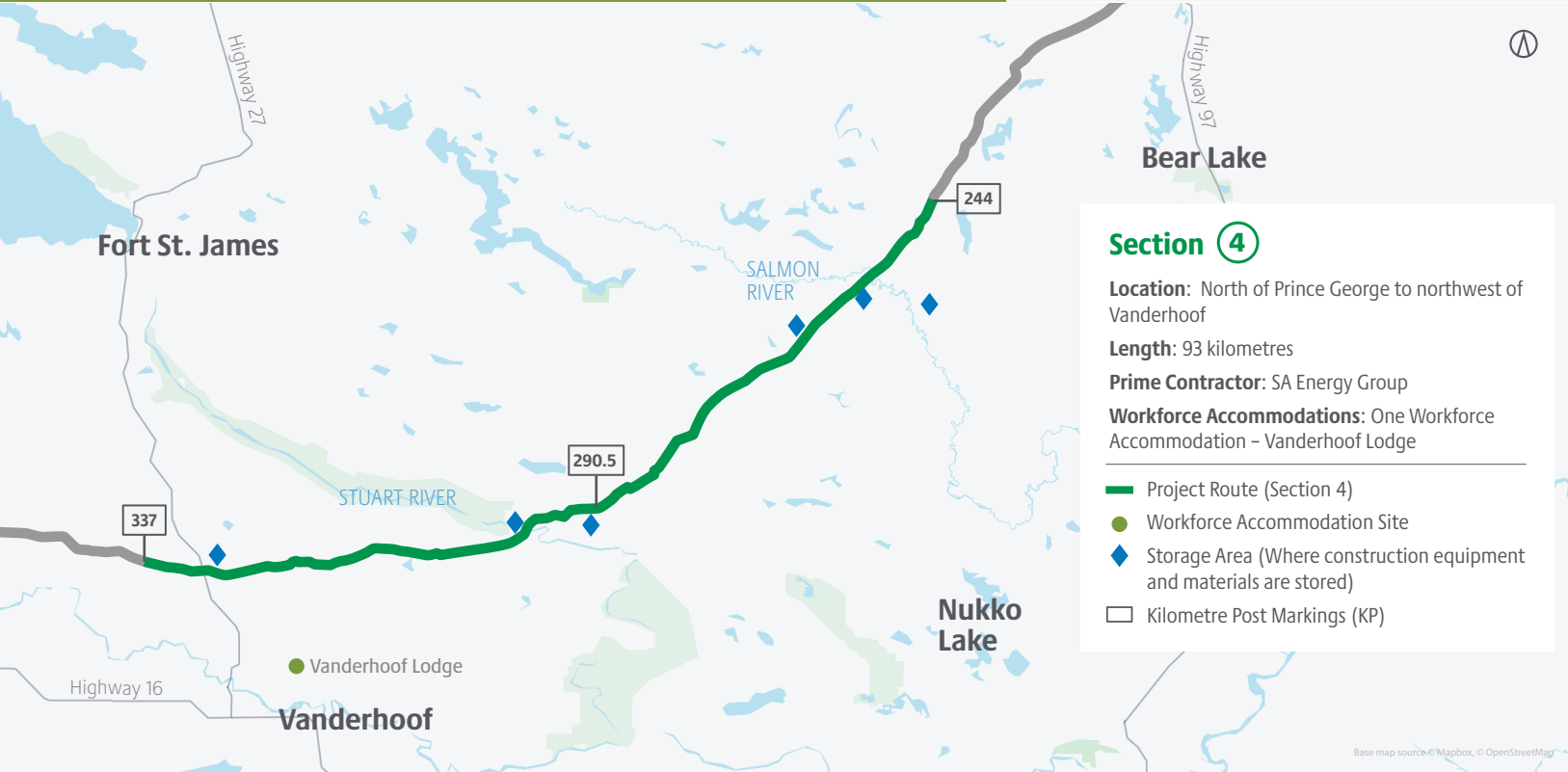


Completed pipeline installation

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
- Former Vanderhoof Lodge site remediation work is now complete and site conditions have been accepted by the District of Vanderhoof, allowing turnover back to the District

Look ahead*

- Continued focus on ESC monitoring
- Monitor results of reclamation at Vanderhoof Lodge site
- Complete final clean-up
- Progress plans for permanent access roads to valve sites
- Begin preparations for 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



544
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 Endako River Trenchless crossing
- Completed mainline block valve (MLBV) 12 pipe installation and commenced hydrotest activities
- Completed watercourse crossing and road crossing tie-in activities in the Finishing Scope East up to KP 419, and completed first of two hydrotests for this section
- Continued ESC monitoring and maintenance

Look ahead*

- Continue with ESC monitoring and maintenance
- Continue to progress Endako River Trenchless Crossing
- Commence watercourse crossing and road crossing tie-in activities between KP 419 and KP 440
- Complete hydrotest of MLBV 12 and tie-in valve assembly piping to the mainline piping

**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



100%
of grading
completed



83.1%
of pipe installed, includes
activities from stringing
through to backfilling



578
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 mainline grading and stringing
- Continue mainline coating, trenching and lowering in activities
- Completed hydrotest of elbows at Parrott Lakes Future Compressor Station
- Completed pipe installation in the Allin Creek Road crossing
- Completed cleaning pig run
- Completed pipe installation for the Ramsay Road crossing
- Completed pipe installation for the Bosch Road

Look ahead**

- Continue mainline coating, trenching, lowering-in and backfill activities towards KP 458
- Complete ditch rock blasting, bending, welding and coating, start back-end activities
- Complete all remaining watercourse crossings
- Complete mechanical installation of MLBV 14

**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.

*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



99.2%
of grading
completed



60.9%
of pipe installed, includes
activities from stringing
through to backfilling



1,175
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 grubbing and grading with tie-in activities ongoing
- All open cut Fisheries and Oceans Canada (DFO) watercourse crossings have been completed and restoration is ongoing
- Progressed grade and ditch blasting activities to near completion
- Continued mechanical activities for MLBV 15 and 16
- Continued ESC monitoring and maintenance

Look ahead**

- Continue ESC monitoring and maintenance
- Continue mainline activities including tie-ins
- Continue mainline grade and ditch blasting
- Continue mechanical work at MLBV 15 and 16
- Begin hydrotest at Test Section 7-04B and 07-05
- 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



91.9% of pipe installed, includes activities from stringing through to backfilling



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

Section 8

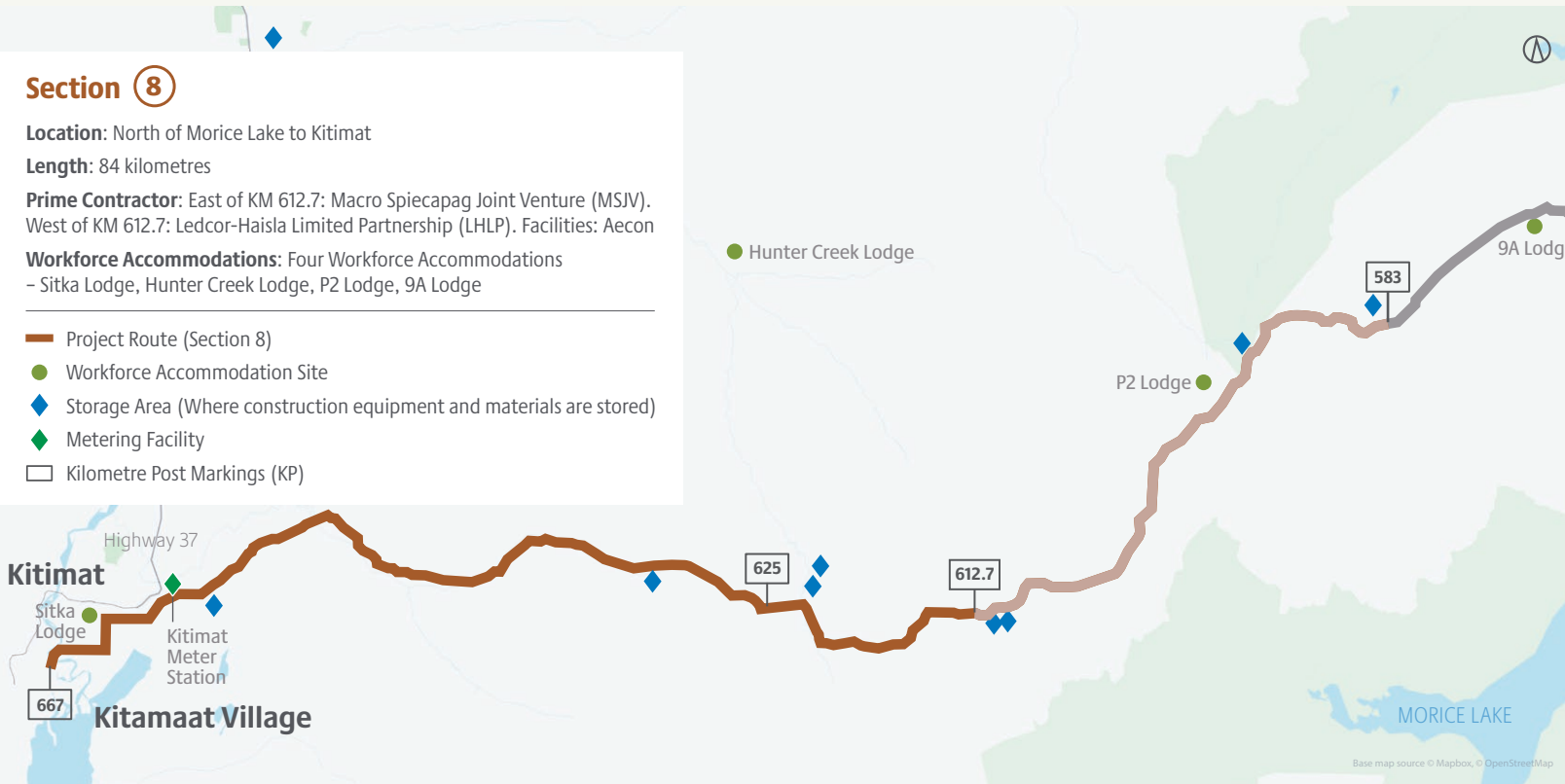
Location: North of Morice Lake to Kitimat

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

- Committed focus and resources to the installation of ESC mitigation measures along right-of-way
- Began clearing snow pioneer trail into the Icy Pass between KP 606 and KP 612
- Progressed tie-ins including associated trenching, lowering-in, coating and backfilling
- Completed temporary reinstatement of isolated S6 watercourse crossings

Section 8 East Look ahead*

- Progress Clore Hill field joint coating, tie-in and backfill from KP 595 to KP596
- Continue miscellaneous tie-ins
- Progress snow removal at Icy Pass (KP 612)
- Preparation for hydrotesting KP 583 to KP 593
- Begin pipe installation on Steep Slope KP 606
- Continue ESC maintenance and monitoring, preparing for spring break-up

*All schedules are subject to change

Section 8 West Key activities

- Continued mainline front-end and back-end work
- Progressed Kitimat townsite pipe installation
- Progressed trenching, pipe weld, lowering-in and backfill in the glaciomarine clay area between KP 662 to KP 664
- Continued pipe installation at priority watercourse crossings
- Completed civil work at Steep Slope 6
- Completed Cable Crane Hill civil work with the remainder of pipe installation to follow shortly
- Completed last remaining trenchless crossing for Section 8 west

Section 8 West Look ahead*

- Continue watercourse crossing installations
- Continue Cable Crane Hill backfill
- Continue construction in the glaciomarine clay area
- Continue mainline pipe installation in North Hirsch area (KP 627 to KP 633)
- Continue Steep Slope 6 and 7 pipe installation
- Continue ESC maintenance and monitoring
- Snow clearing to gain access to SS3

*All schedules are subject to change



Photo of the month

Nadleh Macro crew building dreams in Section 5

In March 2022, Macro Pipelines and Nadleh Whut'en's economic development corporation **partnered to construct Section 5, near Fraser Lake**. As part of a commitment to provide jobs and skills training for local Indigenous people, a unique team was assembled, to ensure that people of all experience levels could expand their knowledge on Coastal GasLink. Taking on any challenge that comes their way, this team undertakes a multitude of construction tasks, such as scaffolding, environmental work and operating machinery to develop their skill sets. Once they've gained sufficient experience with the crew, they move into other positions such as leads and operator positions where they continue to advance their careers. Coastal GasLink's extraordinary legacy is lived out every day by the tremendous efforts of the men and women working to construct this incredible project.



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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