

Construction Update

May 30, 2023

Numbers as available at the end of April unless otherwise noted

Construction highlights

Coastal GasLink nears 89% completion

As overall project progress nears 89% and we approach the midway point of our final year of construction, Coastal GasLink continues to safely overcome challenges and complete significant milestones that will help supply Canadian-made, lower-emission energy to the world. Check out a few of the things happening along the right-of-way:

- Nearing 100% pipe install completion in two additional sections, bringing our total to 4 of 8 sections complete
- To date, 70% of all water crossings on the Project are now complete
- 97% of all pipe has now been welded
- More than 612 km of pipe across the 670 km route has been installed

Responding to rapidly changing spring conditions

With record breaking high temperatures and higher than average snowpack causing rapid spring melt, Coastal GasLink is adjusting work plans and implementing additional erosion and sediment control (ESC) mitigation measures based on professional recommendations to protect the environment. We currently have over 700 workers dedicated to monitoring conditions and implementing ESC measures as required across the project, including 23 Certified Professionals whose roles are to ensure we are ready to respond and adapt should additional situations require it.

Take a look at our **photo of the month** on page 10 to learn about how we're supporting emergency response in local communities like Fraser Lake.

Performance at a glance:



88.4%
overall progress*



86.5%
construction progress



4,410
workers across the project route as of April 30, 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.



87
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

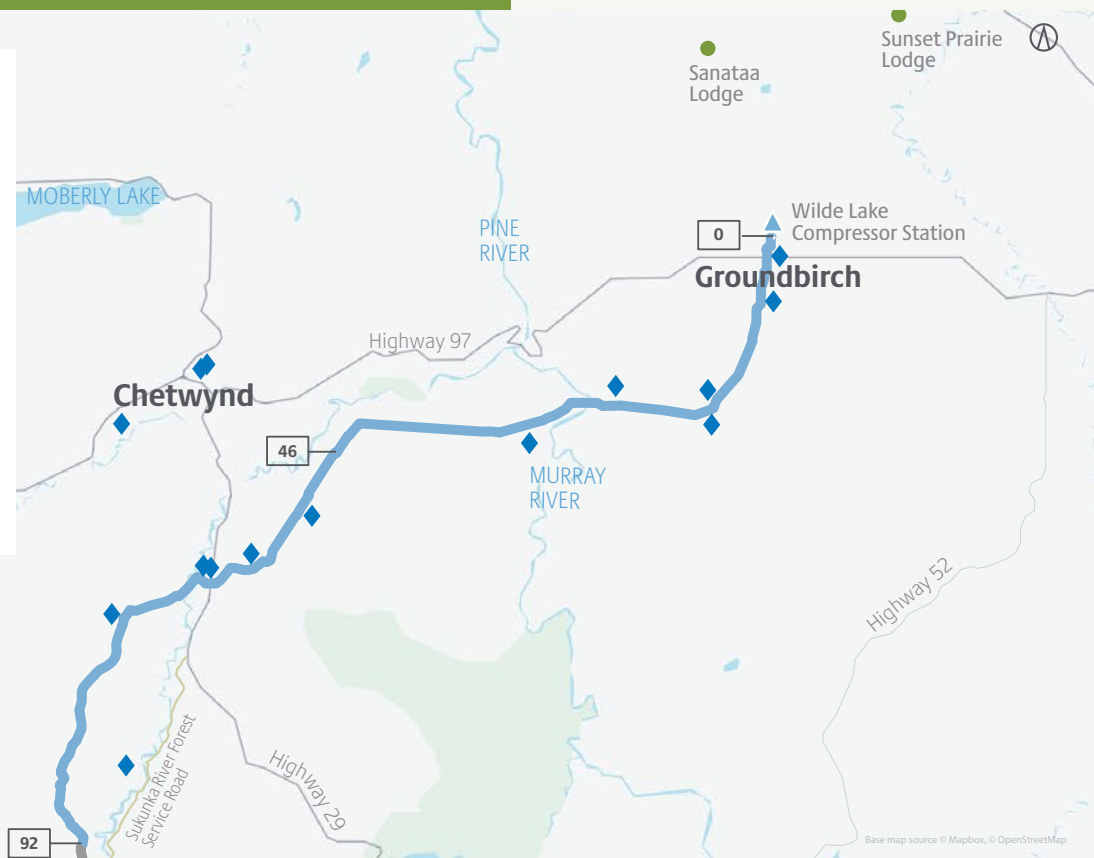
 Project Route (Section 1)

 Workforce Accommodation Site

 Storage Area (Where construction equipment and materials are stored)

 Kilometre Post Markings (KP)

 Wilde Lake Compressor Station



Key activities

- Continued ongoing ESC mitigation and maintenance
- Demobilized construction crews

Look ahead*

- Continue Environmental and ESC monitoring and maintenance

**All schedules are subject to change*

Wilde Lake Compressor Station

Key activities

- Completed the introduction of gas in all Meter Stations, Compressor Station pipeline and Utility systems
- Completed Pre-Startup Safety Review (PSSR) of the first compressor plant
- Continue final grading and seeding activities

Look ahead

- Complete all PSSR for the remaining compressor plants

**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



90 workers at Sukunka Lodge

Section 2

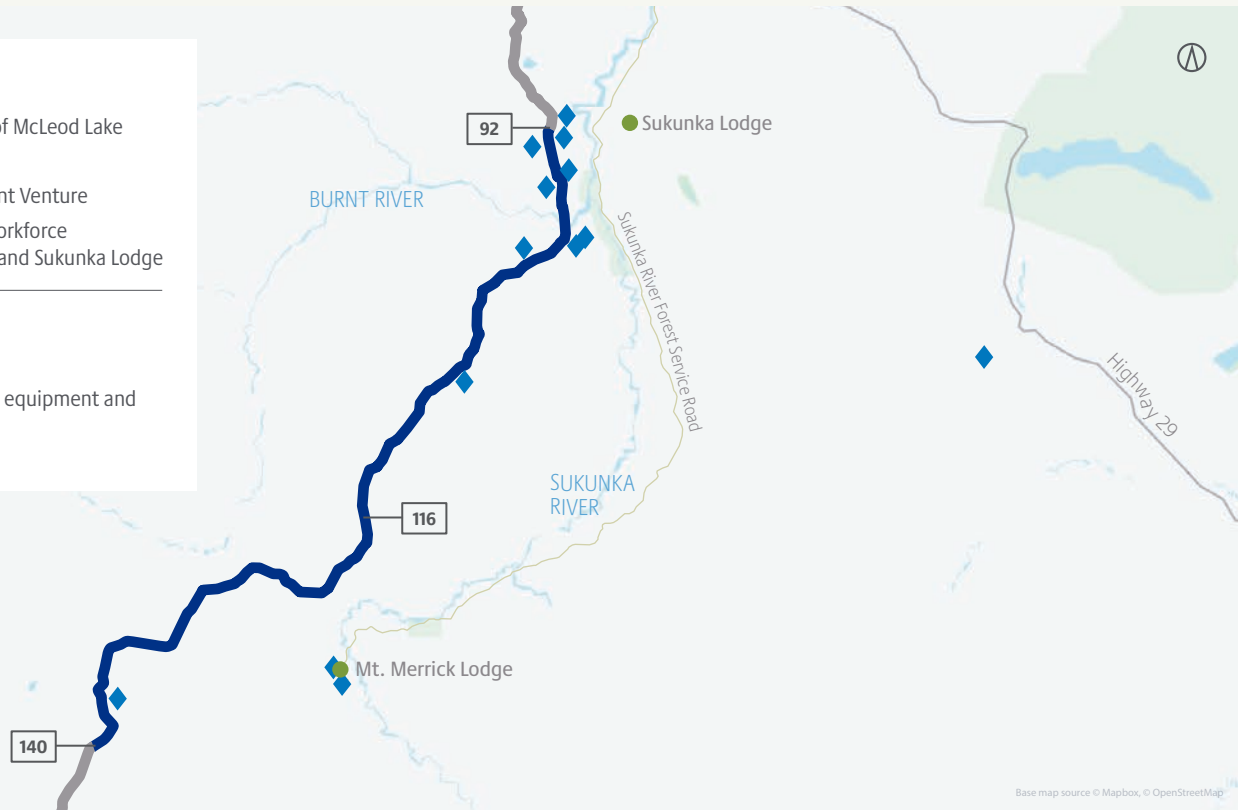
Location: South of Chetwynd to east of McLeod Lake

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

- Preparing Mt. Merrick Workforce Accommodation for June 2023 re-activation
- Demobilized crews for spring breakup and continued ESC monitoring and maintenance

Look ahead*

- Continue ESC mitigation and maintenance
- Monitor weather and ground thawing conditions to establish remobilization date
- Finalize preparations for Mt. Merrick Workforce Accommodation re-activation

*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



99.4%
of grading completed



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



1,086
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

- Prepare for spring breakup while continuing ESC mitigation and maintenance
- Continued grade and ditch blasting, grading, and rock processing for ESC mitigation materials
- 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 area at KP 149 to KP 165
- Continued installation of Mt. Bracey valve site
- Continued preventative avalanche risk mitigation work in the Headwall area
- Removed sheet piles at KP 167; continued sheet piling support
- Completed boring activity for watercourse crossing at KP 150 and continued at KP 155
- Completed hydrotesting, in-line inspection tool runs and final tie-ins from KP 163 to 189
- Established air pack for preservation from KP 163 to Racoon Lake Valve site at KP 249

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
- Complete preparations for SMJV to begin mechanical work between KP 140 to 143
- Continue mainline work and sheet piling support between KP 149 and KP 165
- Complete boring activities for watercourse crossing at KP 155
- Continue Mount Bracey valve site development
- Continue ESC mitigation and maintenance, install additional ESC measures as required

*All schedules are subject to change

4 Section 4: Monthly Construction Update

At a glance:

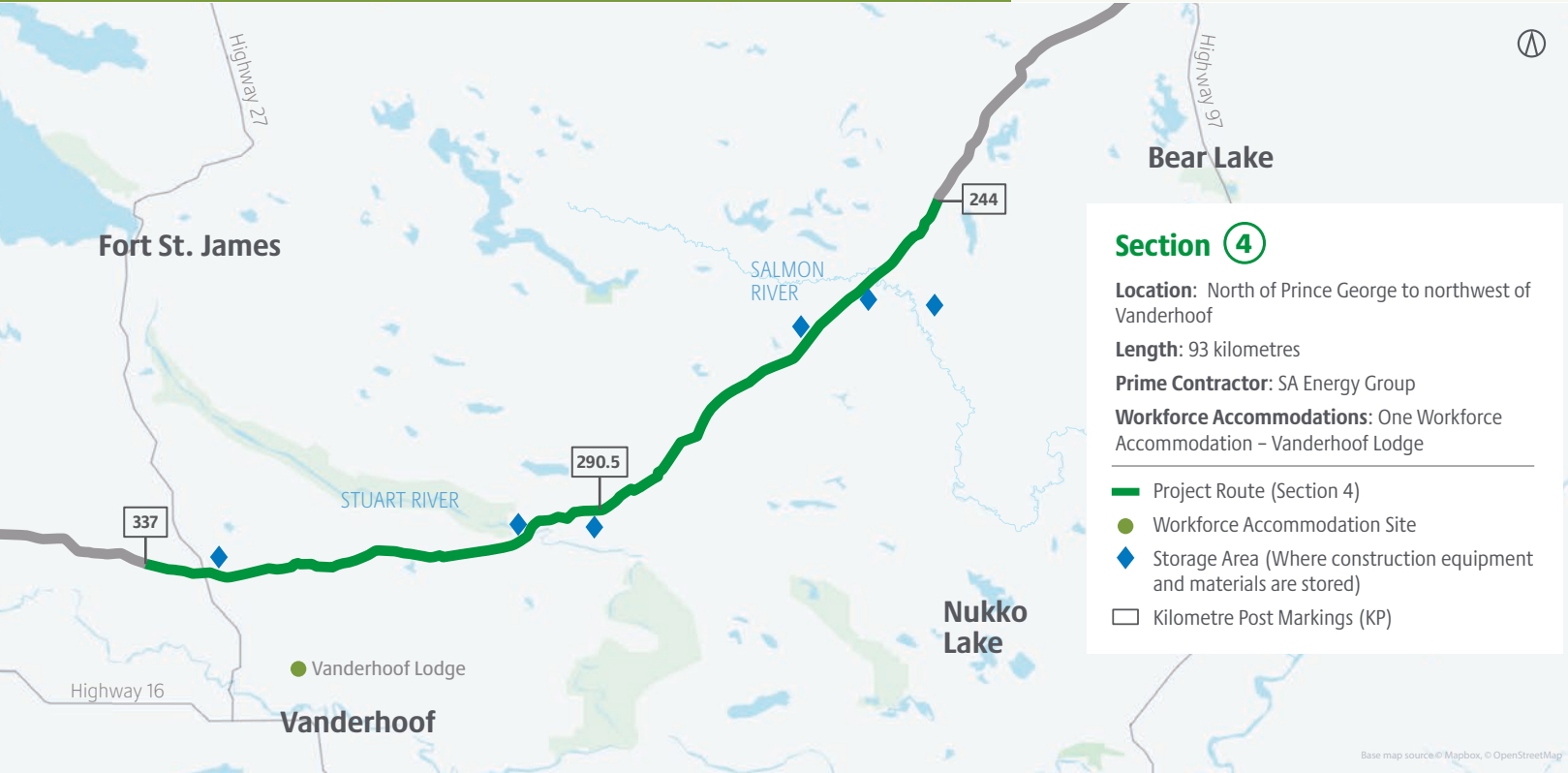


Completed pipeline installation

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
- Completed final clean-up activities at Racoon Lake valve site

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 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



515
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
- Completed mainline block valve (MLBV) 12 mechanical, electrical and instrumentation work and hydrotest
- Completed Finishing Scope East (KP 397 to 419) with hydrotests and caliper tool run
- Continued tie-in works for Finishing Scope West (KP 419 to 440)
- Continued ESC monitoring and maintenance

Look ahead*

- Continue with ESC monitoring and maintenance
- Continue to progress Endako River crossing
- Continue ESC mitigation and measures in preparation for spring breakup
- Continued tie-in works for Finishing Scope West (KP 419 to 440)
- Complete blasting activities between KP 419 and KP 440
- Complete MLBV 12 mechanical and construction grade work

*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



97.6%
of pipe installed, includes
activities from stringing
through to backfilling



515
workers at
7 Mile Lodge



Key activities

- Completed mainline welding, coating, trenching and lowering-in activities towards KP 458 and between SHAR19 and SHAR23
- Completed backfilling activities towards KP 458
- Continue tie-in and backfilling activities between SHAR19 and SHAR23
- Completed pipe installation at MLBV 14

Look ahead**

- Complete all tie-ins (except post hydrotest tie-ins) and backfill activities between SHAR19 and SHAR23
- Complete backfill of MLBV 13 to bring site up to rough grade
- Continue coating of below ground pipe at MLBV 14
- Complete remaining two watercourse crossings
- Continue ESC monitoring and maintenance
- Prepare for hydrotest at KP 506

**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



69.2% of pipe installed, includes activities from stringing through to backfilling



1,061 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 stringing
- Progress mainline bending activities to near completion
- Tie-in activities are ongoing
- Completed hydrotests for two test sections
- Completed and restored all Fisheries and Oceans Canada (DFO) water crossings
- Continued mechanical activities for MLBV 16
- Continued ESC monitoring and maintenance

Look ahead**

- Continue ESC monitoring and maintenance
- Continue backend mainline activities
- Continue S4-S6 watercourse crossing activities at KP 553, 569 and 576
- 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



94.1% of pipe installed, includes activities from stringing through to backfilling



1,081 workers at Sitka, Hunter Creek, P2 and 9A Lodges

Section 8

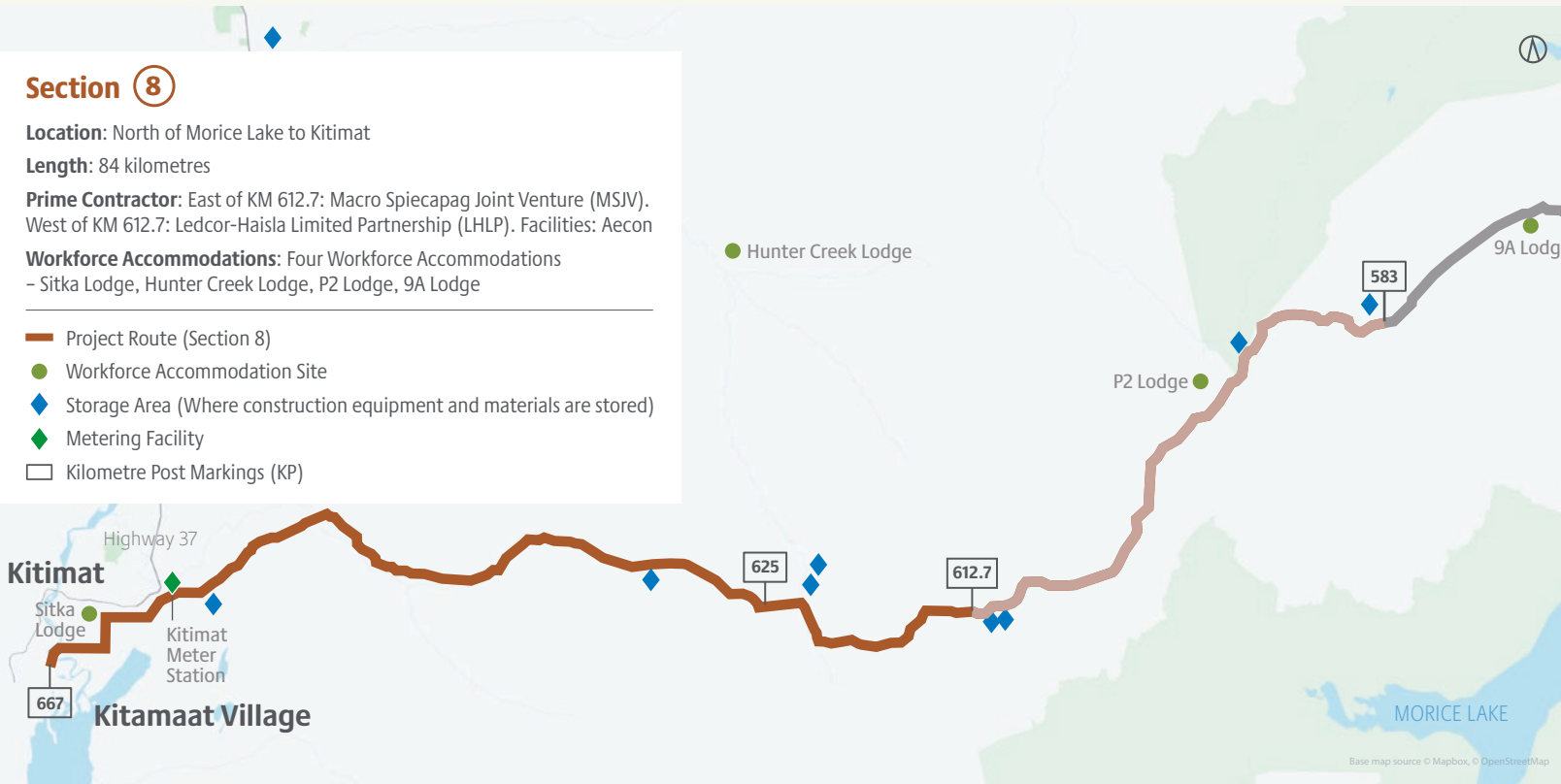
Location: North of Morice Lake to Kitimat

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 to installation of ESC mitigation measures
- Snow clearing at Icy Pass (KP 606-612 and KP 583-586)
- Continued production welds including tie-ins
- Completed work and welding of test heads at KP 583 and 593

Section 8 East Look ahead*

- Progress work at Clore Hill from KP 595 to KP 596
- Progress snow removal at Icy Pass (KP 612)
- Progress steep slope tie-in and backfill at KP 606
- Begin steep slope pipe installation at KP 611 and KP 612
- Progress lowering in and tie-ins from KP 595 to KP 610
- Hydrotesting KP 583 to KP 593; hydrotest preparation KP 595 to KP 599
- Begin machine cleanup KP 583 to KP 588
- Progress steep slope backfill for Burnie Gorge at KP 592
- Continue ESC maintenance and monitoring

*All schedules are subject to change

Section 8 West Key activities

- Continued mainline front-end and back-end work
- Progressed Kitimat townsite pipe installation to near completion
- Progressed trenching, pipe weld, lowering-in and backfill in the glaciomarine clay area between KP 662 to KP 664
- Completed pipe installation at watercourse crossings; continue pipe installation at other priority watercourse crossings
- Completed backfill at Steep Slope 6D, between KP 620 and KP 621
- Completed Cable Crane Hill mechanical work

Section 8 West Look ahead*

- Continue watercourse crossing installations
- Continue Cable Crane Hill pipe install and backfill
- Complete welding in the glaciomarine clay area
- Continue mainline pipe installation in North Hirsch area (KP 627 to KP 633)
- Continue Steep Slope 6 pipe installation at KP 620
- Continue Steep Slope 3 pipe installation at KP 617
- Continue ESC maintenance and monitoring

*All schedules are subject to change



Photo of the month

As part of our commitment to the health and safety of the communities where we operate, Coastal GasLink recently partnered with the Fraser Lake Fire Department and the Northern Development Initiative Trust to purchase a new fire truck for the community. Supporting first responders is a crucial part of our community investment program, Build Strong. We recognize the crucial role fire fighters play in keeping communities safe, and that’s why we’re committed to supporting local initiatives that create expanded capacity for emergency and first responders.



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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