

Construction Update

August 19, 2020

Numbers as available at the end of July 2020

Coastal GasLink

Construction highlights

Coastal GasLink milestones abound this summer as we mark three major accomplishments, fully detailed on CoastalGasLink.com.

Mainline pipeline installation begins

With pipe recently installed at Kitimat and Groundbirch – the two locations that bookend the 670 km Coastal GasLink route – the natural gas pipeline project will begin **mainline pipe installation** along the route this month. Mainline installation is the primary type of installation that landowners and communities will see. It is expected to continue through 2021 and employ over 2,000 individuals. Specialized crews will also be installing pipe sections at road and **water crossings**.

Breaking ground event at Kitimat Meter Station

On August 6, District of Kitimat Mayor Phil Germuth and Coastal GasLink President, David Pfeiffer, attended a **breaking ground event** at the project's Kitimat Meter Station.

"It's incredible to be here to see construction underway – a milestone that comes after seven years of rigorous review, planning and collaboration," remarked David.

World's longest temporary free span bridge opens

Coastal GasLink, in **partnership with Nak'azdli Whut'en**, recently opened the longest temporary free span bridge in the world across the Stuart River in northeast B.C. The temporary bridge will help provide Coastal GasLink workers access to remote sections of the project's right-of-way. Read more in our 'photo of the month' feature.

NEW! Project completion in the Construction Update

In addition to more detailed section metrics introduced in July, this month we begin providing project completion statistics to keep you on track with our progress.

Performance at a glance:



23.9%

Overall progress*

*includes all engineering, procurement and construction activities



7.1%

Construction progress



1,860

workers across the project right-of-way as of July 31, 2020

Under Construction

- ◆ Coastal GasLink Metering Facility
- ▲ Coastal GasLink Compression & Metering Facility

Potential Future Facilities

- ▲ Coastal GasLink Compression Facilities (TBD)
- LNG Canada Facility (3rd party)



1 Section 1: Monthly Construction Update

At a glance:



87%
cleared, includes
right-of-way and
ancillary sites



42%
of grading
completed



0.5%
of pipe installed, includes
activities from stringing
through to backfilling



Sanaata Lodge
under development

Section 1

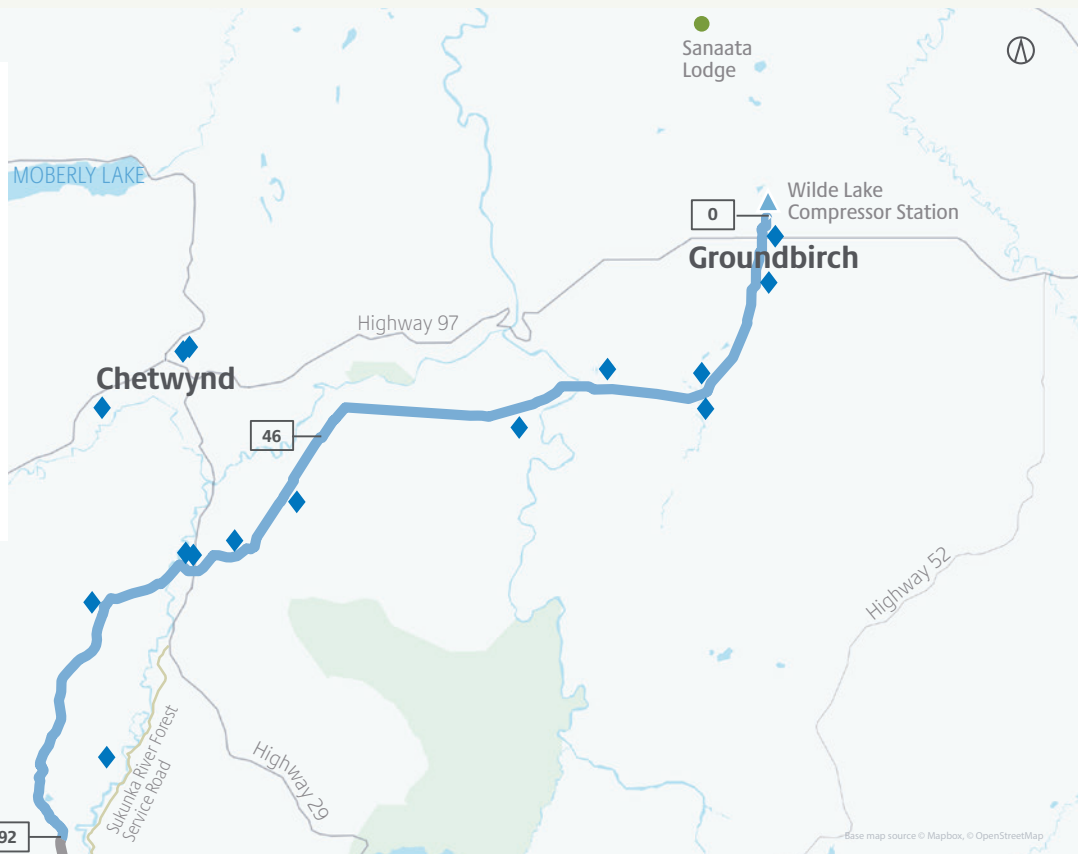
Location: West of Dawson Creek to south of Chetwynd

Length: 92 kilometres

Prime Contractor: Surerus Murphy Joint Venture

Workforce Accommodations: One Workforce
Accommodation – Sanaata Lodge

- Project Right-of-Way (Section 1)
- Workforce Accommodation Site
- ◆ Storage Area (Where construction equipment and materials are stored)
- Kilometre Post Markings (KP)
- ▲ Wilde Lake Compressor Station



Key activities:

- Commenced construction at Wilde Lake Compressor Station and installed first pipe near the facility
- Completion of three open cut road crossings
- Grading and topsoil stripping activities

Look ahead*:

- Ongoing environment and erosion control management
- Ongoing clearing and pipe installation; increased traffic from storage sites to route to transport pipe
- Drone and controlled blasting activities as required
- Pipe stringing beginning in mid-August; welding beginning in September

**All schedules are subject to change*

Did you know?

Mainline pipe installation is like a moving assembly line. Once the land is cleared and graded, crews can line up pipe sections roughly 20 m in length along the route to bend, weld and coat. Then, pipe is lowered into the ground and covered. The **entire process** for placing segments of pipe can happen over a few days to weeks, including backfilling the trench.

② Section 2: Monthly Construction Update

At a glance:



77%

cleared, includes right-of-way and ancillary sites



0%

of grading completed



0%

of pipe installed, includes activities from stringing through to backfilling



0

workers at Sukunka Lodge

Section ②

Location: South of Chetwynd to east of McLeod Lake

Length: 48 kilometres

Prime Contractor: Surerus Murphy Joint Venture

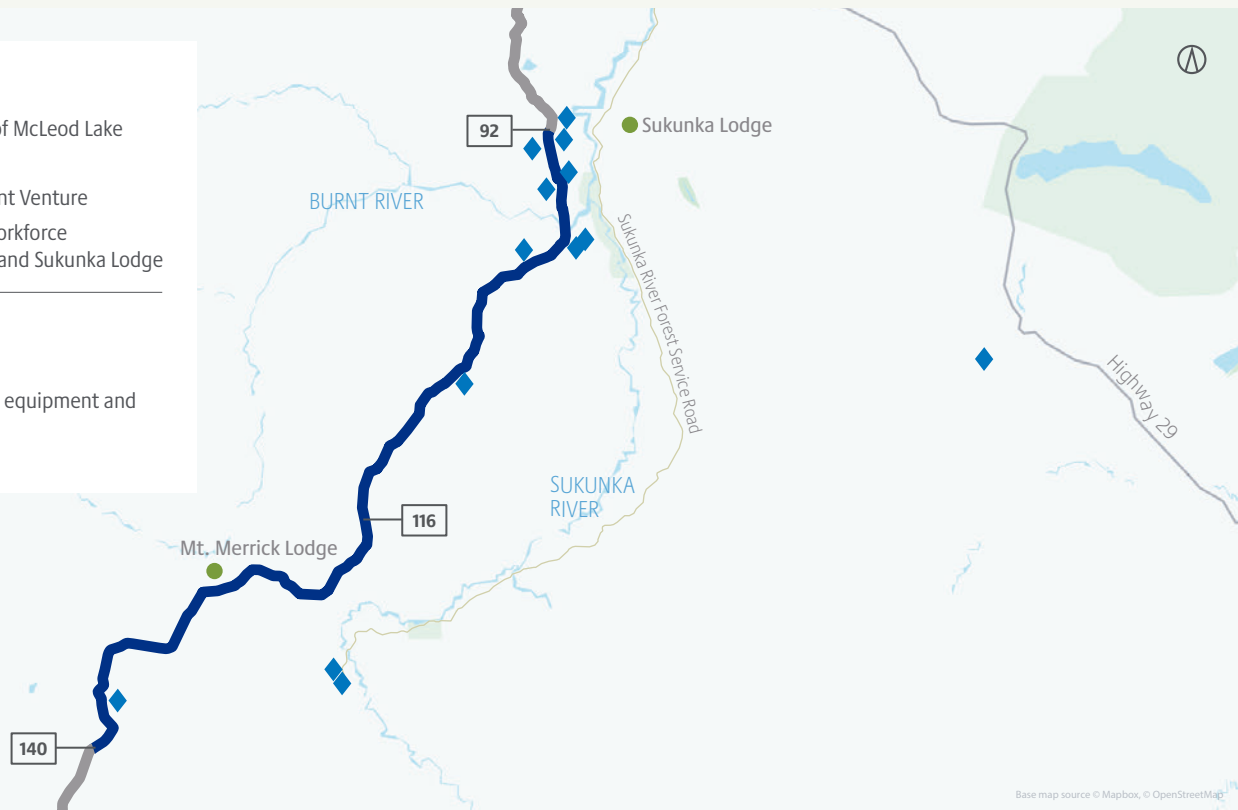
Workforce Accommodations: Two Workforce Accommodations – Mt. Merrick Lodge and Sukunka Lodge

■ Project Right-of-Way (Section 2)

● Workforce Accommodation Site

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

□ Kilometre Post Markings (KP)



Key activities:

- Road and bridge upgrades ongoing by road owners
- Preparation to re-open Sukunka Lodge

Look ahead*:

- Ongoing environment and erosion control management
- Re-start of critical road upgrades
- Civil works on Mt Merrick Lodge
- Increased traffic from storage sites to route to transport pipe
- Drone and controlled blasting activities as required

**All schedules are subject to change*

3 Section 3: Monthly Construction Update

At a glance:



69%
cleared, includes
right-of-way and
ancillary sites



0%
of grading
completed



0%
of pipe installed, includes
activities from stringing
through to backfilling



0
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 Right-of-Way (Section 3)

● Workforce Accommodation Site

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

□ Kilometre Post Markings (KP)



Key activities:

- Completed decommissioning of the temporary 5B Lodge site
- Continued restoration and clean-up of 9A Stockpile Site

Look ahead*:

- Ongoing environment and erosion control management
- Expansion of Parsnip Lodge
- Hand clearing from KP 140 to 172
- Increased traffic from storage sites to route to transport pipe
- Drone activities as required
- Pipe stringing beginning in mid-October; welding beginning in early-November

**All schedules are subject to change*

4 Section 4: Monthly Construction Update

At a glance:



98%
cleared, includes
right-of-way and
ancillary sites



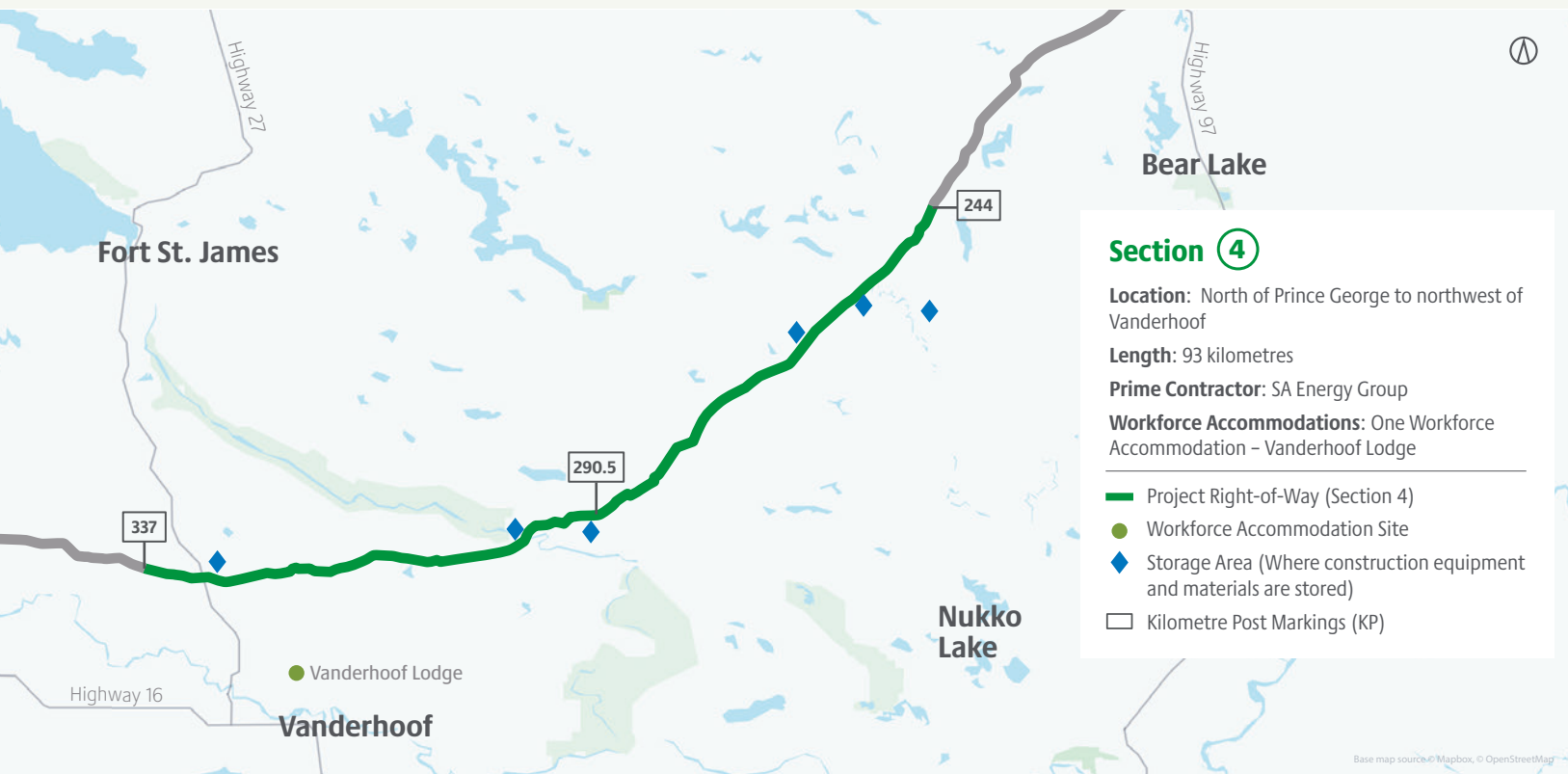
7%
of grading
completed



0%
of pipe installed, includes
activities from stringing
through to backfilling



358
workers at
Vanderhoof Lodge



Key activities:

- Vanderhoof Lodge construction ongoing
- Continued surveying, staking and flagging along right-of-way

Look ahead*:

- Ongoing environment and erosion control management
- Continue construction of Vanderhoof Lodge
- Access and grading activities ongoing
- Stringing of pipe along right-of-way
- Increased traffic from storage sites to route to transport pipe
- Drone activities as required
- Pipe stringing beginning in mid-August; welding beginning in late-August

**All schedules are subject to change*

Did you know?

We continue to follow Dr. Bonnie Henry's guidance and work with Northern Health as we progress construction activities. We have dedicated, 24/7 on-site medical services within all our lodges and worksites, reduced occupancy at all workforce sites, enhanced mandatory pre-screening and daily temperature checks. Learn about our on-site medical service provider, International SOS and the measures we have in place by visiting CoastalGasLink.com/Safety.

5 Section 5: Monthly Construction Update

At a glance:



100%

cleared, includes right-of-way and ancillary sites



0%

of grading completed



0%

of pipe installed, includes activities from stringing through to backfilling



62

workers at Little Rock Lake Lodge

Section 5

Location: North of Vanderhoof to south of Burns Lake

Length: 82 kilometres

Prime Contractor: Macro Spiecapag Joint Venture (MSJV)

Workforce Accommodations: One Workforce Accommodation – Little Rock Lake Lodge

— Project Right-of-Way (Section 5)

● Workforce Accommodation Site

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

□ Kilometre Post Markings (KP)



Key activities:

- Ongoing erosion and sediment control monitoring
- Pipe delivered to area storage sites
- Expansion of Little Rock Lake Lodge underway

Look ahead*:

- Ongoing sediment and erosion control and completion of storage sites to accommodate pipe and material arrival
- Commence development of pipeline construction ancillary and additional storage sites
- Increased traffic from storage sites to route to transport pipe
- Drone activities as required

**All schedules are subject to change*

6 Section 6: Monthly Construction Update

At a glance:



97%

cleared, includes right-of-way and ancillary sites



4%

of grading completed



0%

of pipe installed, includes activities from stringing through to backfilling



218

workers at 7 Mile Lodge

Section 6

Location: South of Burns Lake to south of Houston

Length: 85 kilometres

Prime Contractor: Pacific Atlantic Pipeline Construction Inc. (PAPC)

Workforce Accommodations: One Workforce Accommodation – 7 Mile Lodge

— Project Right-of-Way (Section 6)

● Workforce Accommodation Site

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

□ Kilometre Post Markings (KP)



Key activities:

- Commenced right-of-way grubbing and grading
- Continued access preparation
- Continued receipt of pipe at area storage sites
- Continued setup at 7 Mile Lodge

Look ahead*:

- Ongoing erosion and sediment control monitoring
- Continue access, grubbing and grading works
- Increased traffic from storage sites to route to transport pipe
- Drone and controlled blasting activities as required
- Pipe stringing beginning in late-August; welding beginning in late-September

**All schedules are subject to change*

Did you know?

In early August, we published a **full-route notification** about pipe transport by truck to the Coastal GasLink right-of-way. Beginning this month, and over the course of pipeline construction, truck pipe transport will take place in various sections along the right-of-way during daylight hours. Signage will be used as required and no road closures or significant traffic impacts are expected with staggered loads and standard-sized haul trucks. Visit [CoastalGasLink.com](https://www.coastalgaslink.com) for more details.

7 Section 7: Monthly Construction Update

At a glance:



8%

cleared at ancillary sites



0%

of grading completed



0%

of pipe installed, includes activities from stringing through to backfilling



Huckleberry Lodge site under development

Section 7

Location: South of Houston to north of Morice Lake

Length: 78 kilometres

Prime Contractor: Pacific Atlantic Pipeline Construction Inc. (PAPC)

Workforce Accommodations: One Workforce Accommodation – Huckleberry Lodge

- Project Right-of-Way (Section 7)
- Workforce Accommodation Site
- Storage Area (Where construction equipment and materials are stored)
- Kilometre Post Markings (KP)



Key activities:

- Ongoing civil and access works for Huckleberry Lodge
- Enhancements made at Houston Storage Site
- Material extraction from borrow site PBS 55

Look ahead*:

- Begin opening phase for Huckleberry Lodge
- Right-of-way clearing to commence
- Increased traffic from storage sites to route to transport pipe
- Drone and controlled blasting activities as required

**All schedules are subject to change*

8 Section 8: Monthly Construction Update

At a glance:



66%
cleared*, includes
right-of-way and
ancillary sites



27%
of grading
completed



0%
of pipe installed, includes
activities from stringing
through to backfilling



363
workers at Sitka
Lodge and Hunter
Creek Lodge

Section 8

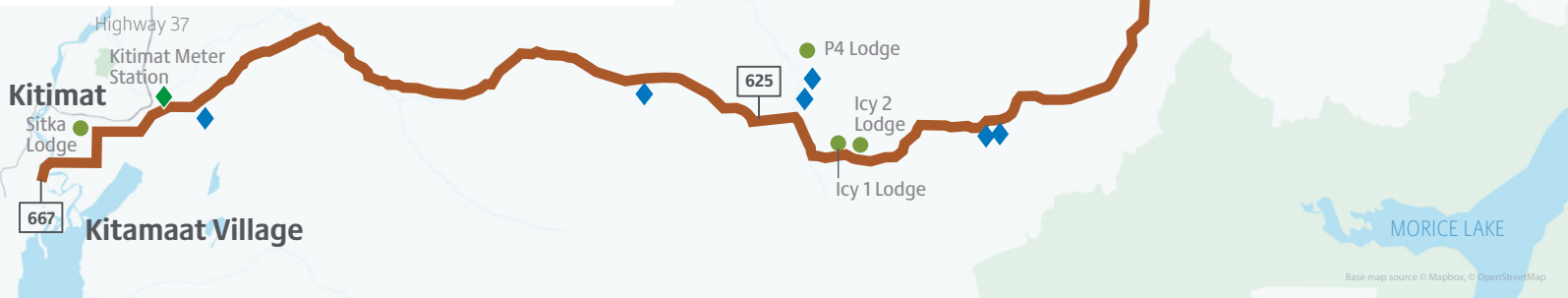
Location: North of Morice Lake to Kitimat

Length: 84 kilometres

Prime Contractor: Macro Spiecapag Joint Venture (MSJV)

Workforce Accommodations: Seven Workforce Accommodations
– Sitka Lodge, Hunter Creek Lodge, Icy 1 Lodge, Icy 2 Lodge,
P2 Lodge, 9A Lodge, P4 Lodge

- Project Right-of-Way (Section 8)
- Workforce Accommodation Site
- ◆ Storage Area (Where construction equipment and materials are stored)
- ◆ Metering Facility
- Kilometre Post Markings (KP)



Key activities:

- Kitimat Meter Station groundbreaking ceremony held; pile driving completed
- Kitimat Meter Station meter run buildings and instrument/analyzer buildings installed on piles
- Pipe arrival at site with first weld completed
- Site setup to support drilling to install pipe under the Kitimat River
- Welding and coating pipe at LNGC Connector site
- Continued road works
- Continued construction on 9A Lodge
- Ongoing clearing in Kitimat area, and grading and blasting as required
- Ongoing road maintenance as well as erosion and sediment control

Look ahead*:

- At Kitimat Meter Station, ongoing pipe welding and lowering into excavations and receipt of remaining separators and installing on piles
- Continue clearing on priority work fronts
- Continue welding and coating, and start trenching, at LNGC Connector site
- Complete under river direct pipe installation and site restoration
- Continue development at 9A Lodge
- Increased traffic from storage sites to route to transport pipe
- Drone and controlled blasting activities as required

**All schedules are subject to change*



Photo of the month

Stuart River Bridge

Coastal GasLink and Nak'azdli Whut'en partnered to construct the world's longest temporary free span bridge across the Stuart River in northeast B.C. Opened this summer, the bridge provides Coastal GasLink workers access to remote sections of the project's 670-kilometre right-of-way.

The bridge was only given the green light after Nak'azdli Whut'en's Natural Resources Department and Chief and Council were assured it could be done safely, and with minimal disturbance to the river, salmon and fish habitat.

The bridge, which is not publicly accessible, was completed ahead of salmon spawning season and will be removed and the land reclaimed after Coastal GasLink construction is complete. Learn more about this milestone at CoastalGasLink.com.



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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Visit our community office:
Prince George
760 Kinsmen Place

Coastal GasLink

