

Construction Update

February 23, 2022

Numbers as available at the end of January 2022 unless otherwise noted

Coastal GasLink

Monthly Highlights

Coastal GasLink continues to make steady progress as we ramp up for 2022

Overall project progress, which includes engineering and procurement activities, recently surpassed 60 per cent completion. Along with these accomplishments, Section 3 and Section 8 have completed clearing activities, leaving only one section left to clear across the project. North of Prince George, decommissioning work continues at the Stuart River temporary bridge, the largest temporary free-span bridge in the world. The Stuart River bridge main span is the most recent section to be safely removed. This year we will see many more milestones reached as we begin to complete pipe installation, with Section 1 and 4 reaching that point in the next few months.

Take a look at our Photo of the month on page 10 to learn about our amphibian salvage environmental work along the project route.

Our role in the energy transition

Once the Coastal GasLink project is operational, it will play an important role in the global energy transition. It's estimated that natural gas exports facilitated by Coastal GasLink could reduce annual global CO2 emissions by 60-90 million tonnes, which equates to more than the total annual emissions of B.C., and roughly 10 per cent of Canada's annual emissions. Liquefied natural gas (LNG) is one of the world's fastest growing major energy sources, and global demand is projected to rise significantly over the next 20 years, providing a unique opportunity for British Columbia to help replace higher carbon-emitting fuels, such as coal, with cleaner sources of energy, contributing to the global effort to mitigate greenhouse gas emissions and reduce air pollution. We're proud of our role in supporting emissions reductions, and leaving a lasting legacy in our local communities and around the world.

Performance at a glance:



60.3%
overall
progress*

*includes all engineering, procurement and construction activities



50.3%
construction
progress



3,678

workers across the project
route as of January 31, 2022

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:



100%

cleared, includes project route and ancillary sites



100%

of grading completed



98.7%

of pipe installed, includes activities from stringing through to backfilling



150

workers at Sanataa Lodge

Section 1

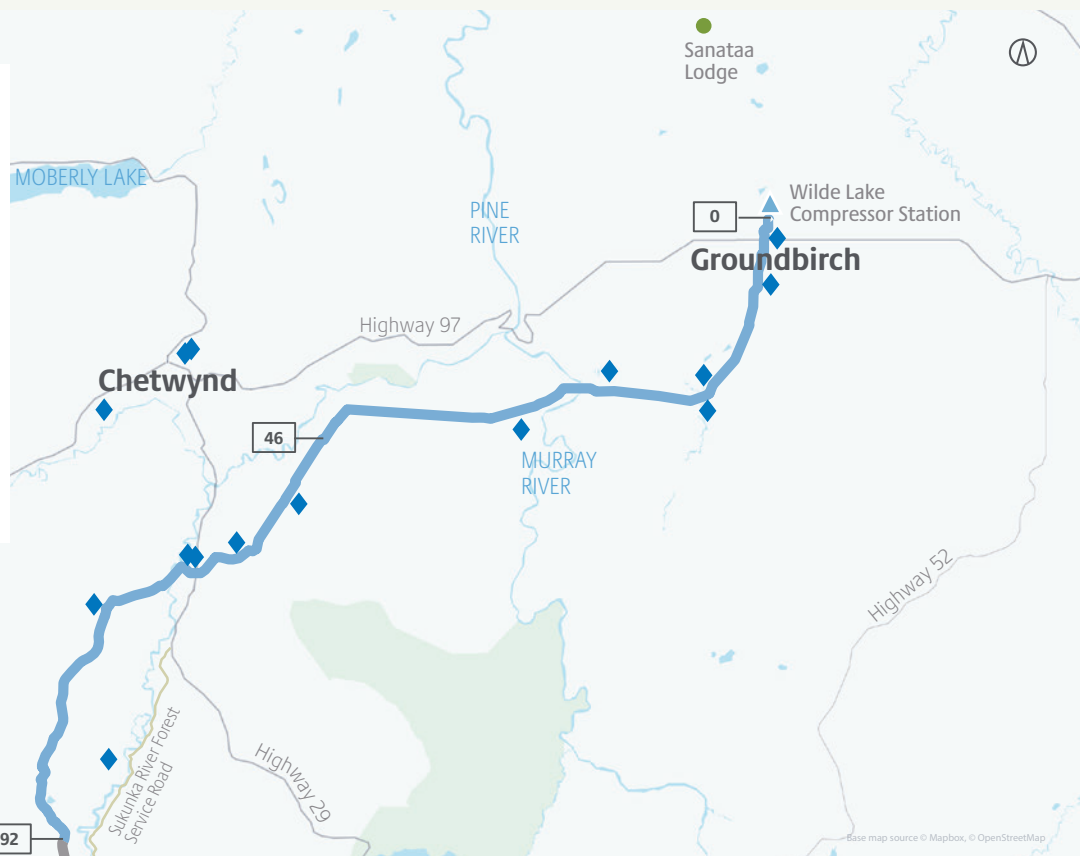
Location: West of Dawson Creek to south of Chetwynd

Length: 92 kilometres

Prime Contractor: Surerus Murphy Joint Venture

Workforce Accommodations: One Workforce Accommodation – Sanataa Lodge

- 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

- Continued civil works on Coldstream Creek, progressing grade and completed concrete coating installation
- Progressed grading on Murray Hill
- Continued Erosion and Sediment Control (ESC) mitigation
- Continued pipe preservation activities

Look ahead*

- Isolation of Coldstream Creek and installation of in-stream pipe
- Complete grade on Murray Hill and progress pipe installation
- Continue ESC mitigation and prep for winter season
- Continue pipe preservation

**All schedules are subject to change*

Wilde Lake Compressor Station

Key activities

- Wilde Lake overall construction surpassed 69%, site welding surpassed 81% in diameter inches
- Continued progress on sour bottle piping facility
- Structural, electrical and mechanical work is in full swing in all three compressor buildings
- Electrical / instrumentation work tracking to plan

Look ahead*

- Piping installation and welding to continue at site, including sour bottle piping
- Significant work front will open within each compressor building as the units are pre-aligned
- Electrical and instrumentation installation to progress across compressor station and meter station areas

**All schedules are subject to change*

② Section 2: Monthly Construction Update

At a glance:



100%

cleared, includes project route and ancillary sites



85.9%

of grading completed



26.3%

of pipe installed, includes activities from stringing through to backfilling



381

workers at Sukunka Lodge

Section ②

Location: South of Chetwynd to east of McLeod Lake

Length: 48 kilometres

Prime Contractor: Surerus Murphy Joint Venture

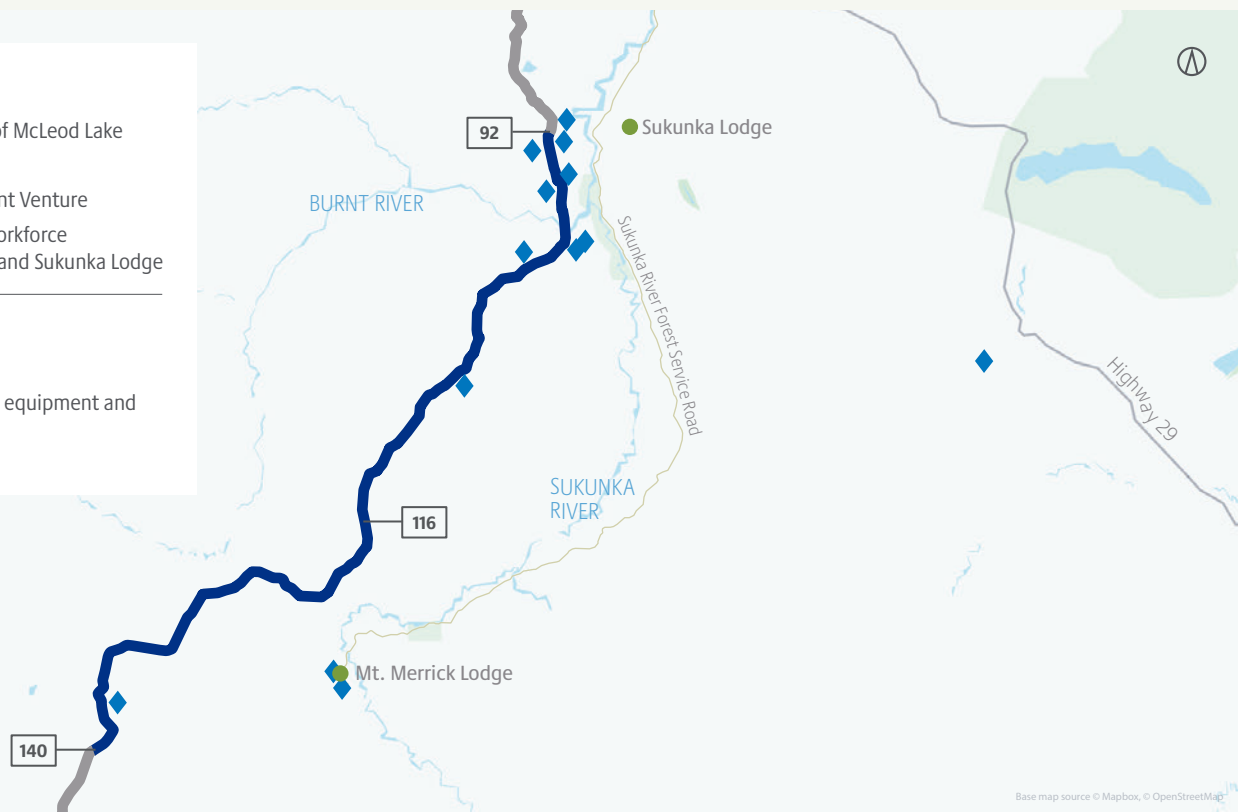
Workforce Accommodations: Two Workforce Accommodations – Mt. Merrick Lodge and Sukunka Lodge

— Project Route (Section 2)

● Workforce Accommodation Site

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

□ Kilometre Post Markings (KP)



Key activities

- Continued snow clearing and re-establishing access
- Continued civil and mechanical works on Burnt Mountain Special Section
- Continued tie-in and creek crossing installation between KP 99-117
- Continued ESC mitigation

Look ahead*

- Continue trenching, crossing and tie-in works between KP 99-177 as weather conditions permit
- Continue Burnt Mountain Special Section works
- Continue ESC mitigation, prep for winter season

**All schedules are subject to change*

3 Section 3: Monthly Construction Update

At a glance:



100%

cleared, includes project route and ancillary sites



59.6%

of grading completed



47.1%

of pipe installed, includes activities from stringing through to backfilling



1,021

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 progressing grading, stringing, bending, welding, coating, trenching, lowering-in, backfill and tie-in activities
- Access development to Headwall ongoing
- Geotechnical program for glacio-lacustrine clay area, section with poor soil strength, completed
- Sheet piling ongoing
- Parsnip River DPI tunneling in progress
- Continued ESC mitigation

Look ahead*

- Continue mainline activities
- Continue Headwall access development
- Continue machine cleanup work and ESC mitigations in preparation for spring breakup
- Complete Parsnip River DPI and de-mobilize
- Prepare for Parsnip CN Rail crossing
- Begin construction trial in glacio-lacustrine clay area, section with poor soil strength and may require alternative construction methods

*All schedules are subject to change

4 Section 4: Monthly Construction Update

At a glance:



100%
cleared, includes
project route and
ancillary sites



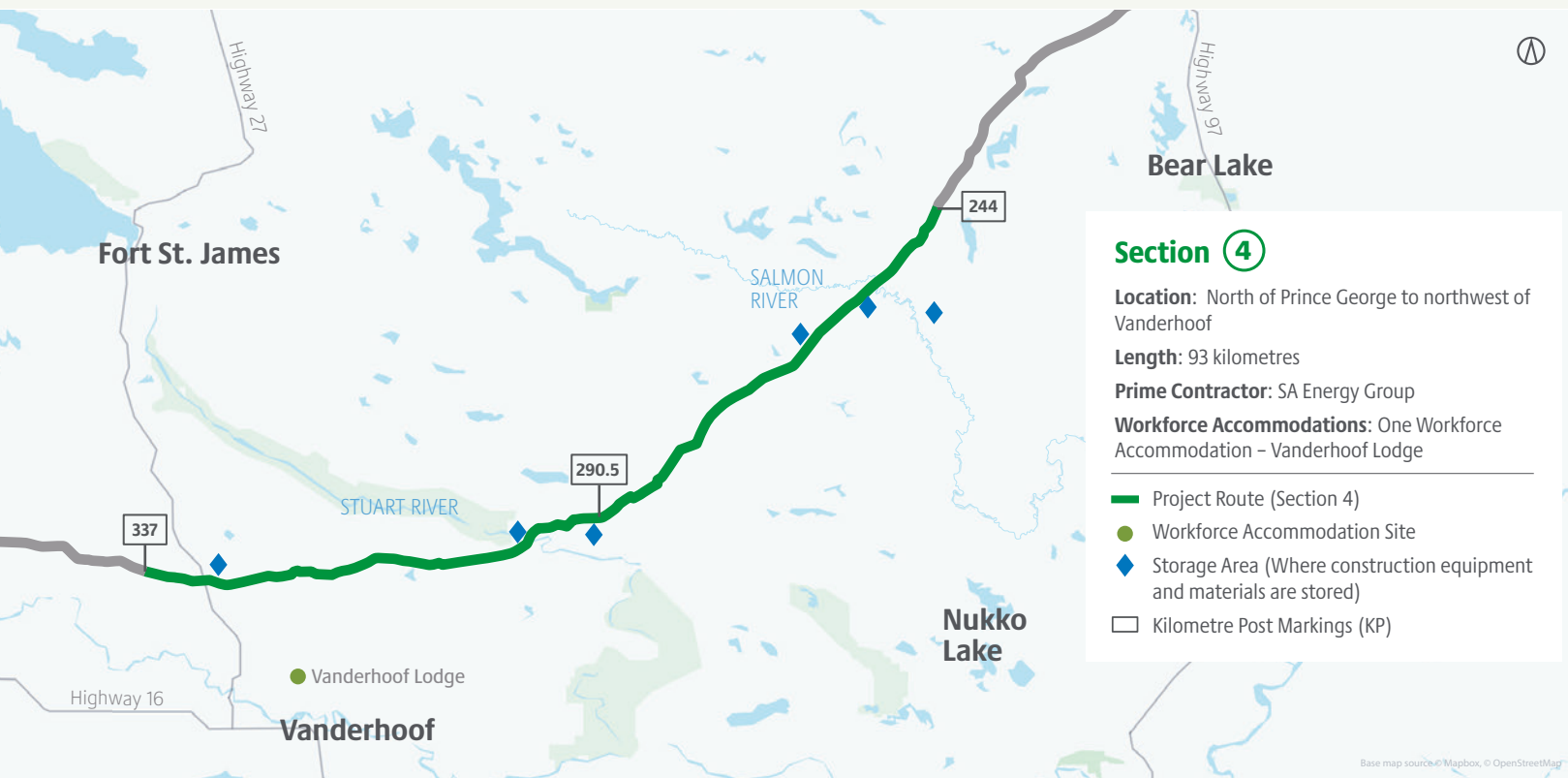
100%
of grading
completed



99.7%
of pipe installed, includes
activities from stringing
through to backfilling



Vanderhoof Lodge
decommissioned



Key activities

- Continued progressing trenching, lowering-in, backfill, tie-ins, machine clean-up and final clean-up
- Completed tie-ins at KP 272 to support next tranche of hydrotest
- Sheet piling ongoing
- Salmon CN Rail crossing ongoing
- Removal of Stuart River bridge ongoing; main span removed
- Continue work at Clear Creek and Raccoon Lake mainline block valve (MLBV) sites
- Continued ESC mitigation

Look ahead*

- Complete mainline activities and resume hydrotesting
- Continue machine cleanup work and ESC mitigations in preparation for spring breakup
- Complete hydrotest and Caliper tool run from KP 263–298
- Remove Stuart River bridge piles
- Complete Salmon CN Rail crossing
- Continue work at Clear Creek and Raccoon Lake mainline block valve sites (MLBV)

**All schedules are subject to change*

5 Section 5: Monthly Construction Update

At a glance:



100%

cleared, includes project route and ancillary sites



88.5%

of grading completed



39.6%

of pipe installed, includes activities from stringing through to backfilling



25

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 ESC monitoring and maintenance; snow removal and road maintenance
- Limited Notice to Proceed (LNTP) issued to Nadleh-Macro for Work Package 3 East (KM 337.3 to 391.5) winter work including activities through spring breakup
- Nadleh-Macro mobilization to site
- Nadleh-Macro continue to finalize project documentation deliverables for remaining scope

Look ahead*

- ESC monitoring and maintenance
- Nadleh-Macro to mobilize more resources to site to support winter work
- Progress freezing-in activities to support wetland watercourse crossing
- Initiate preliminary survey and site investigations
- Start welder qualification and testing activities
- Start work on wetland watercourse crossings
- Continue with snow removal and road maintenance
- Preparation to start mainline activities

**All schedules are subject to change*

6 Section 6: Monthly Construction Update

At a glance:



100%

cleared, includes project route and ancillary sites



80.9%

of grading completed



32.4%

of pipe installed, includes activities from stringing through to backfilling



91

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 Route (Section 6)
- Workforce Accommodation Site
- Storage Area (Where construction equipment and materials are stored)
- Kilometre Post Markings (KP)



Key activities

- Continued ESC monitoring and maintenance; snow removal and road maintenance

Look ahead*

- Continue with ESC monitoring and maintenance

**All schedules are subject to change*

7 Section 7: Monthly Construction Update

At a glance:



96.6%
cleared, includes
project route and
ancillary sites



11.2%
of grading
completed



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



70
workers at
Huckleberry Lodge

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



Key activities

- Continued ESC monitoring and maintenance; snow removal and road maintenance
- Continued to mobilize equipment and resources and to set up for Morice River microtunnel

Look ahead*

- Continue with ESC monitoring and maintenance
- Continue Morice River microtunnel works

**All schedules are subject to change*

8 Section 8: Monthly Construction Update

At a glance:



100%
cleared, includes
project route and
ancillary sites



71.3%
of grading
completed



25.9%
of pipe installed, includes
activities from stringing
through to backfilling



1,209
workers at Sitka,
Hunter Creek, P2
and 9A Lodges

Section 8

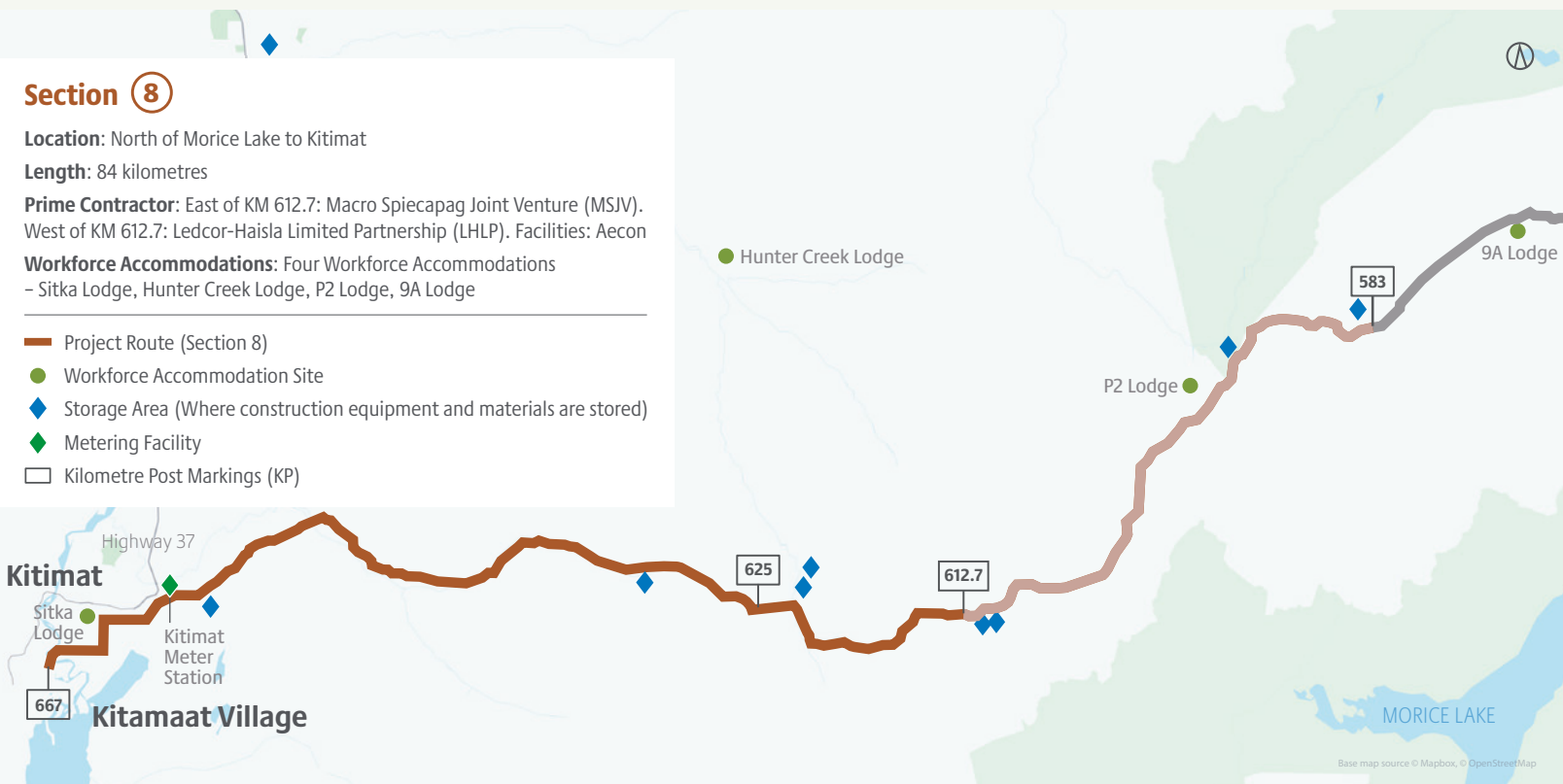
Location: North of Morice Lake to Kitimat

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

- Continue grading
- Watercourse crossing installations, isolations and reinstatements within Qualified Environmental Professional (QEP) window
- Continued ESC maintenance

Section 8 East Look ahead*

- Continue ESC maintenance
- Continue grading and trench blasting
- Continue watercourse crossing work
- Continue lowering and backfilling

**All schedules are subject to change*

Section 8 West Key activities

- Cable crane system is certified and operational
- Kitimat River, Hirsch Creek and Pine Creek pipe installation completed
- Continued grading and tie-in welding and coating
- Completed steep slope pipe backfill at SS20
- Continued pipe installation at watercourse crossings
- Continued ESC maintenance

Section 8 West Look ahead*

- Continue restoration activities at Kitimat River and Hirsch Creek
- Continue trenchless activities in District of Kitimat
- Continue steep slope welding and backfill
- Continue sheet pile installation in District of Kitimat
- Continue watercourse crossing work
- Continue ESC maintenance

**All schedules are subject to change*



Photo of the month

Meet Coastal GasLink's Amphibian Friends

Respect and care for the environment – including amphibians – is core to Coastal GasLink's construction program. Our environment team went along the project route to conduct an amphibian salvage last Fall. This practice is an ongoing activity outlined in our Environmental Management Plan that guides the way we work. Our team members gather amphibians within our project's footprint to relocate them to nearby suitable habitats. Environmental responsibility is about doing the right thing – not always the easiest. Our environment team takes that responsibility to heart by ensuring amphibian breeding wetlands are identified prior to construction, and that salvage occurs when construction activities overlap breeding periods.



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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