

Construction Update

Coastal GasLink

October 28, 2022

Numbers as available at the end of September unless otherwise noted

Monthly highlights

Coastal GasLink reaches 75% overall completion, positioning Project for a strong finish to 2022

This September, construction of Coastal GasLink reached 75 per cent completion overall, with a number of milestone completions and major advancements well underway. Favourable weather conditions over the summer enabled crews to begin pipe installation at Cable Crane Hill, a steep slope in the Coast Mountains, resulting in 30 per cent of pipe being installed ahead of schedule.

Nearby, crews used a raised bore technique to tunnel through a mountain at Steep Slope 3. This incredible feat of engineering is enabling increased safety and efficiency, including overall cost and schedule improvements.

On the eastern end of the Project, crews are making significant progress along steep slopes at Mount Merrick and the Headwall.

Nearly all major watercourse crossings complete

Our dedicated construction and environment teams are working together to ensure we are protecting and caring for critical waterways across the 670-kilometre project route. With the recent completion of the Crocker Creek Direct Pipe Installation (DPI) in Section 3, we have now safely and successfully completed 9 out of 10 major watercourse crossings. To learn more about how we protect this valuable resource, visit our website: [Coastal GasLink – Water crossings](#)

Reclamation advancing across right-of-way

Reclamation is the final stage of pipeline construction and involves restoring the environment back to its pre-construction state. And in some cases, **such as the former Vanderhoof lodge site** which is now complete, we worked together with the District of Vanderhoof and agricultural consultants to restore and enhance agricultural viability of this site.

Take a look at our Photo of the month on page 10 to learn more about reclamation work that is underway.

Performance at a glance:



75%
overall
progress*

*includes all engineering, procurement and construction activities



71.3%
construction
progress



6,389
workers across the project
route as of September 30, 2022

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.



176
workers at
Sunset Prairie Lodge

Section 1

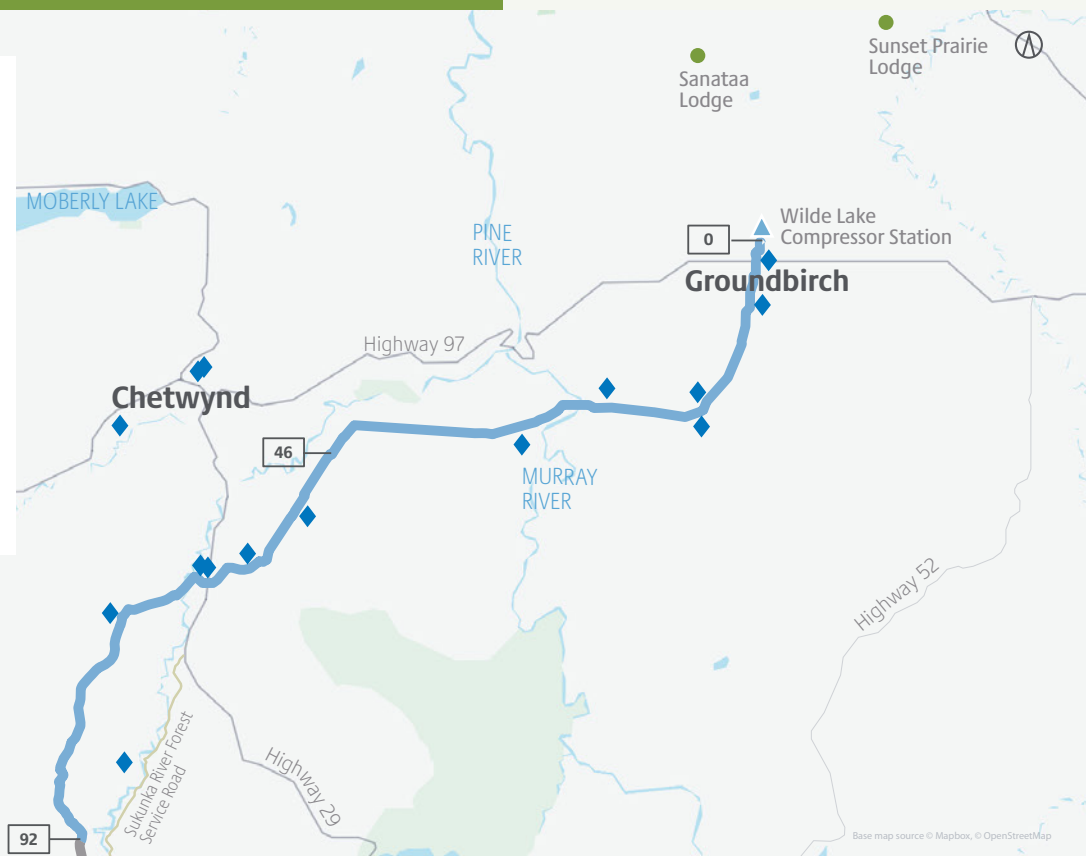
Location: West of Dawson Creek to south of Chetwynd

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
- Progressed machine and final clean-up activities
- Completed final pipeline tie-in welds
- Completed Caliper run and pipe integrity testing
- Commenced grading and piling for Mainline Block Valve 4 installation, which is a valve used to isolate flow during operation if needed
- Began down-sizing Chetwynd construction office

Look ahead*

- Continue ESC mitigation and maintenance
- Progress installation of Mainline Block Valve 4
- Continue clean-up activities

**All schedules are subject to change*

Wilde Lake Compressor Station

Key activities

- Overall construction surpassed 95%; site welding surpassed 99%
- Completed hydrotesting
- Continued backfill activities, progressing final grade work
- Topsoil and clean-up of perimeter ditching is underway
- Progressed electrical and instrumentation work

Look ahead*

- Dry and reinstallation of equipment removed to facilitate piping hydrotests upon completion of testing
- Continue backfill activities throughout the site
- Final cleanup in several areas placing topsoil and hydroseeding
- 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



89.5%

of pipe installed, includes activities from stringing through to backfilling



553

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

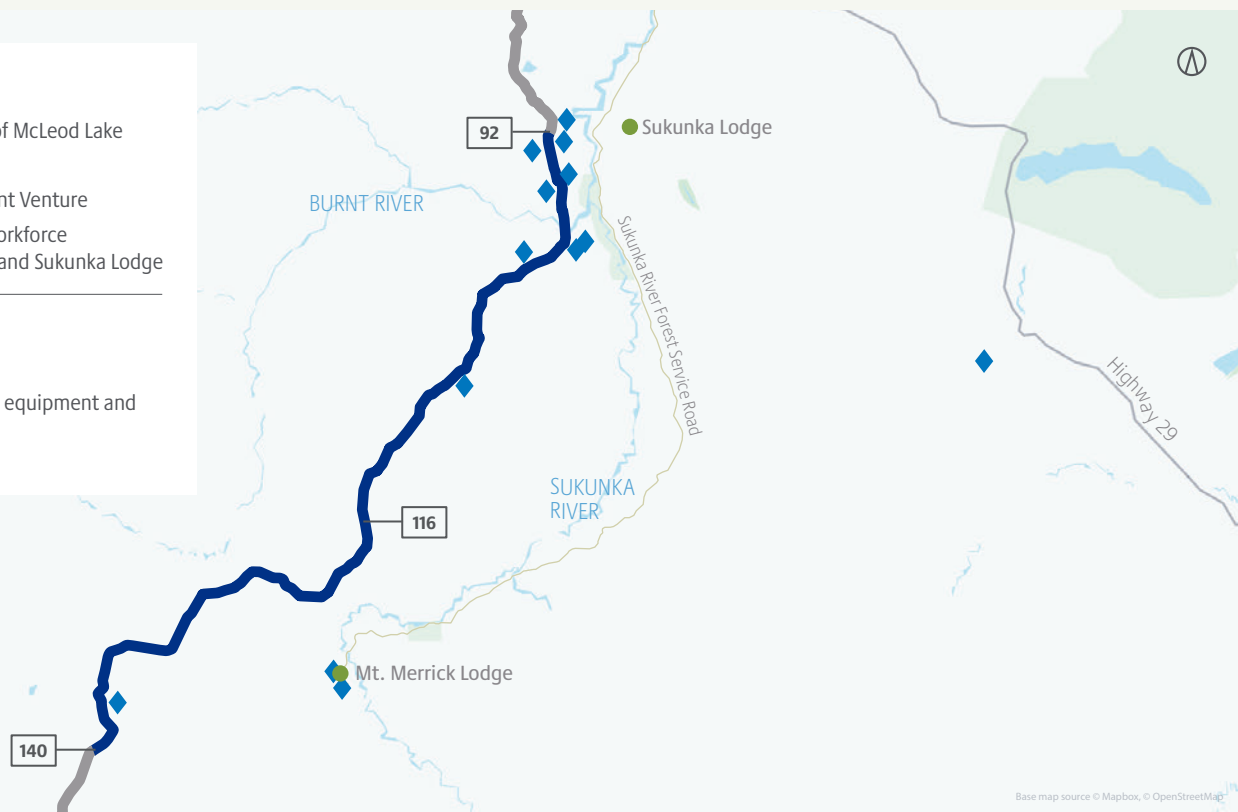
Workforce Accommodations: Two Workforce Accommodations – Mt. Merrick Lodge and Sukunka Lodge

— 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
- Progress grading at the Headwall Special Section
- Progress mechanical installation through Mount Merrick Special Section
- Completed mainline pipe installation between KP 106-117 and 122-136 with tie-ins ongoing

Look ahead*

- Continue ESC mitigation and maintenance
- Complete mechanical installation through Mount Merrick Special Section
- Complete grading at the Headwall Special Section
- Continue stringing, bending, welding, coating, backfill and lowering-in at Headwall Special Section

**All schedules are subject to change*

Did you know?

During hydrotesting, the completed pipe is filled with water and pressurized to a level that exceeds the operating pressure of the pipeline, ensuring it's ready to transition safely into operation.

3 Section 3: Monthly Construction Update

At a glance:



100%

cleared, includes project route and ancillary sites



64.7%

of grading completed



58.6%

of pipe installed, includes activities from stringing through to backfilling



1042

workers at Parsnip Lodge

Section 3

Location: East of McLeod Lake to north of Prince George

Length: 104 kilometres

Prime Contractor: SA Energy Group

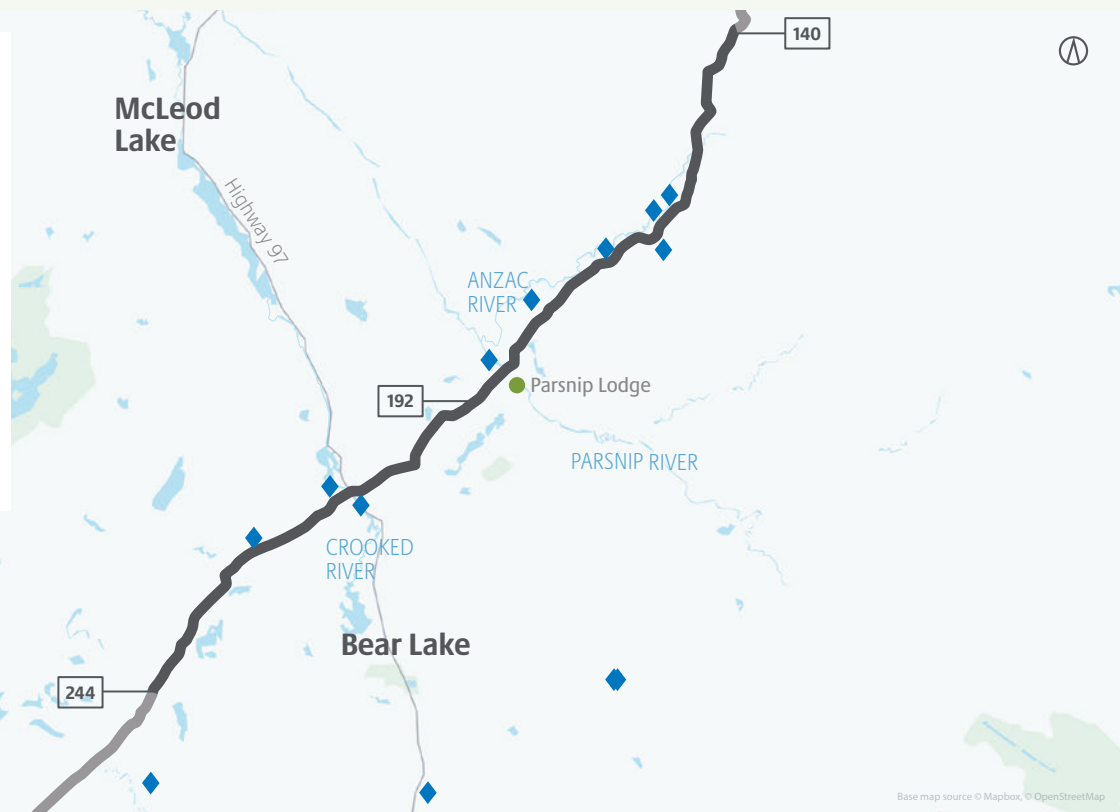
Workforce Accommodations: One Workforce Accommodation – Parsnip Lodge

— Project Route (Section 3)

● Workforce Accommodation Site

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

□ Kilometre Post Markings (KP)



Key activities

- Continued grading, stringing and bending work in the glaciolacustrine clay area between KP154-157
- Began stringing and welding tie-in sections at KP 165, 180 and 186
- Continued tie-ins and machine clean up from Season 3 work
- Completed Crocker Creek Direct Pipe Installation (DPI)
- Completed hydrotesting of Test Sections (KP 200-212)
- Ongoing shoring (sheet piling) installation at various locations
- Continued ESC mitigation and maintenance
- Continued access, grubbing and grading activities at KP 149 and 143 toward Headwall Special Section
- Continued civil works and site development (grading, prep for piling etc.) at Mount Bracey Valve site

Look ahead*

- Continue grading
- Complete hydrotesting between KP 190-200 and KP 212-229
- Complete sheet pile installation/removals at KP 165, 180, 186, 213, 214 & 215
- Continue Mount Bracey valve site development
- Continued ESC mitigation and maintenance

**All schedules are subject to change*

4 Section 4: Monthly Construction Update

At a glance:

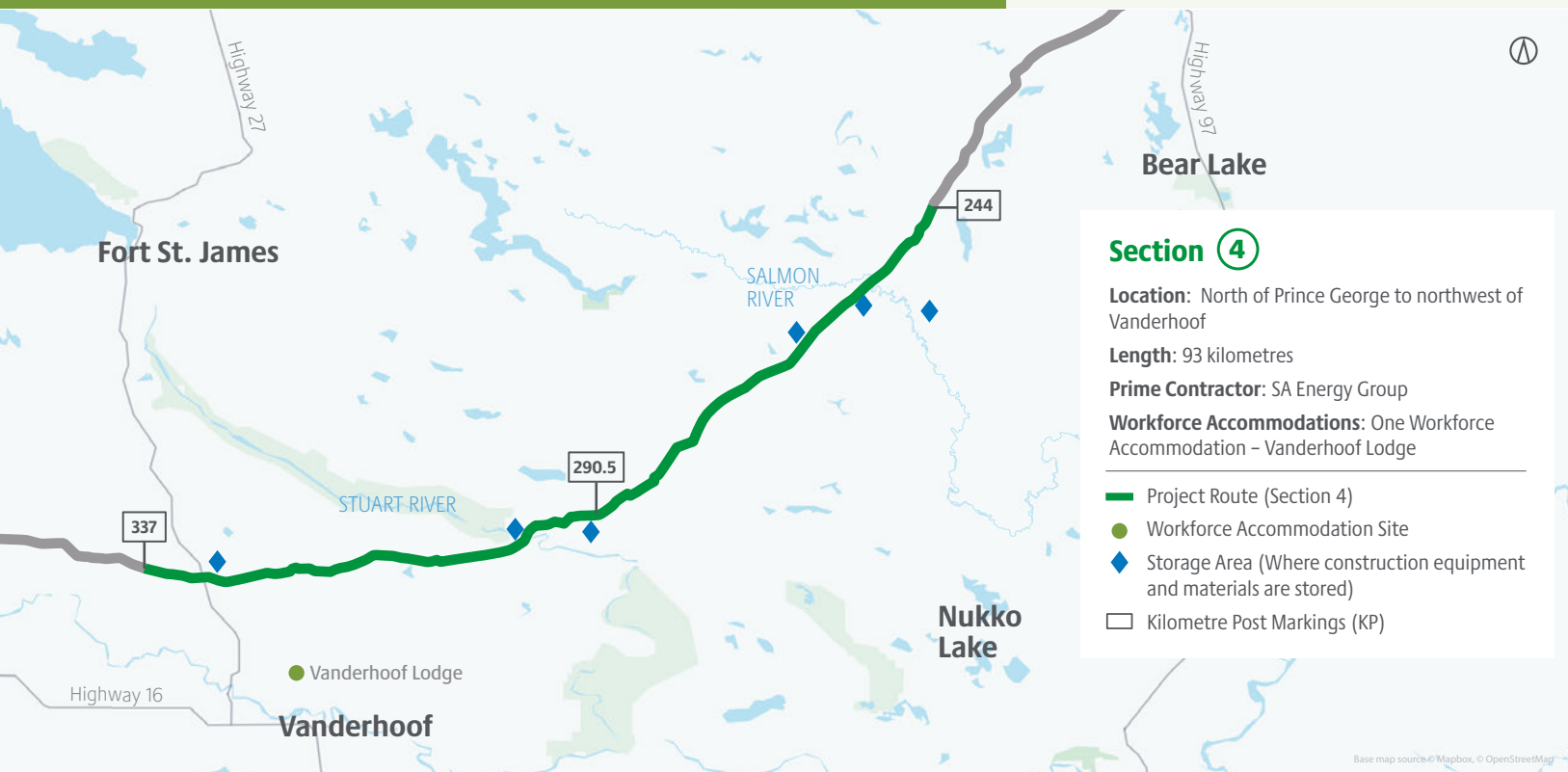


Completed pipeline installation

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 grading, backfilling at Racoon Lake Valve site
- Completed reclamation at Vanderhoof Lodge site

Look ahead*

- Continued focus on ESC monitoring
- Monitor results of reclamation at Vanderhoof Lodge site
- Continue final grading activities at Racoon Lake Mainline Block Valve 7

*All schedules are subject to change

Did you know?

What was once home to more than 800 workers has now been transformed into almost 48 acres of viable farmland. With reclamation activities complete, our environment team alongside agricultural experts will monitor the site and transfer the land to a local farmer.

5 Section 5: Monthly Construction Update

At a glance:



100%

cleared, includes project route and ancillary sites



99.7%

of grading completed



60.0%

of pipe installed, includes activities from stringing through to backfilling



421

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

- Progressed civil activities to 99% complete
- Completed mainline stringing; continued to progress mainline bending and welding
- Continue tunnelling at Fraser Cliff and Stern Creek trenchless crossing
- Completed Hwy 16/CN Rail and Ormond Creek trenchless crossings
- Continued ESC monitoring and maintenance

Look ahead*

- Continue with ESC monitoring and maintenance
- Complete mainline activities east of Fraser Cliff
- Continue to progress remaining tie-ins
- Continue tunnelling activities at Fraser Cliff
- Complete Stern Creek and Endako Mine Road trenchless crossings and continue prep work for Endako River trenchless crossing
- Commence hydrotest activities
- Continue machine cleanup and 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



85.9%

of grading completed



35.7%

of pipe installed, includes activities from stringing through to backfilling



580

workers at 7 Mile Lodge



Key activities

- Continue mainline activities
- Mobilized automated coating application subcontractor and began production
- Mobilized additional equipment to support sand production on right-of-way for backfill
- Safely completed three watercourse crossings
- Continued progressing mainline welding activities

Look ahead*

- Continue to mobilize mainline crews for trenching, lowering-in and backfilling
- Continue mainline activities and commence mainline block valve works
- Prepare Allin Creek watercourse site for crossing installation, and continue work on two watercourse crossings
- Continue with ESC monitoring and maintenance

*All schedules are subject to change

At a glance:



100%
cleared, includes
project route and
ancillary sites



47.1%
of grading
completed



14.3%
of pipe installed, includes
activities from stringing
through to backfilling



1,125
workers at
Huckleberry Lodge

Section 7

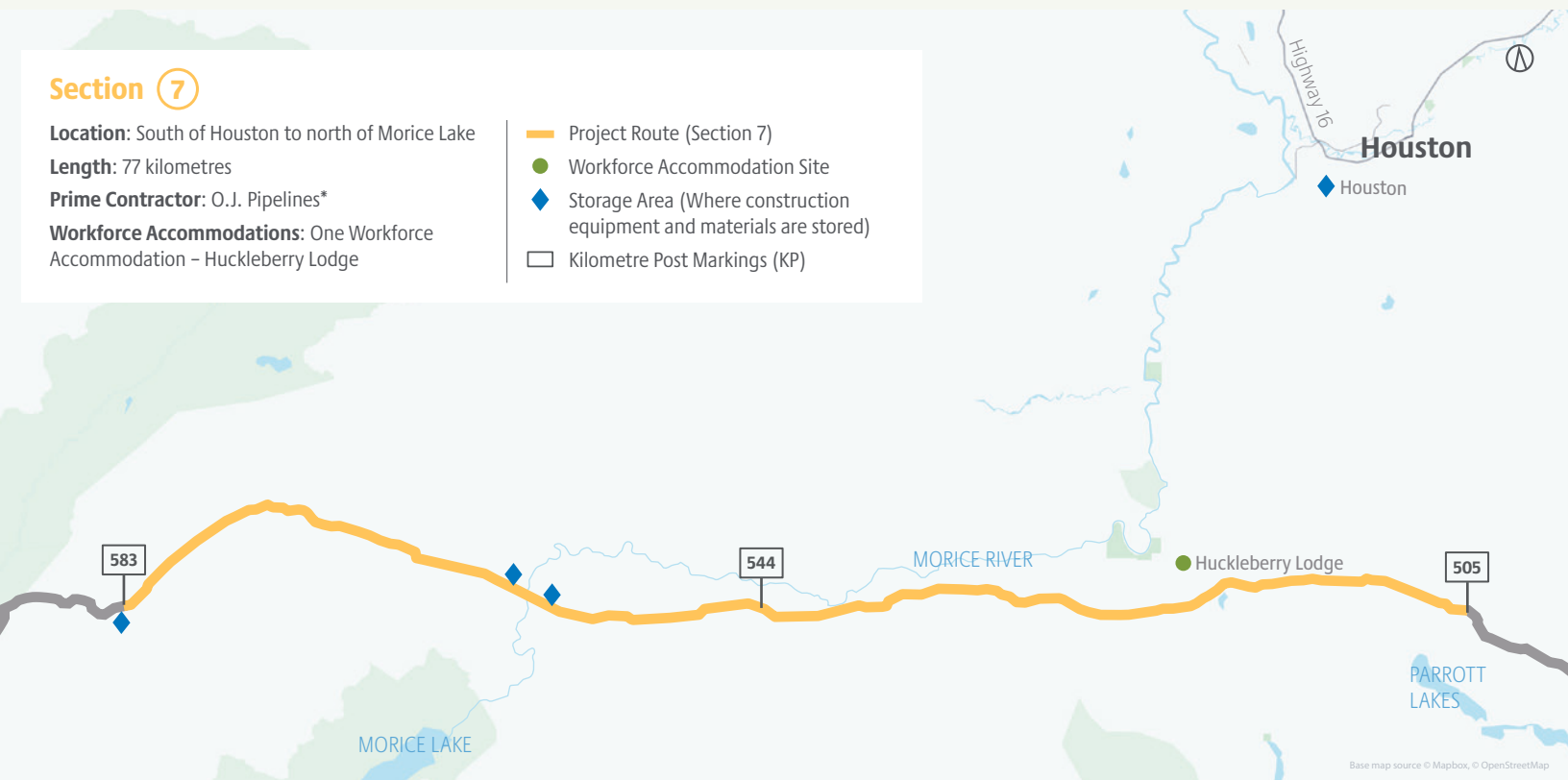
Location: South of Houston to north of Morice Lake

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

- Continued to progress mainline grubbing and grade activities
- Continued to progress mainline stringing, bending, mainline welding and coating crews
- Continued tie-in weld production
- Progressed lowering-in and backfilling for mainline, began machine clean-up from KP 506 to KP 521
- Completed installation of several bridges for watercourse crossing
- Completed shaft construction, with internal work in progress
- Ongoing development of Work Execution Plans for machine & final clean-up
- Continued ESC monitoring and maintenance

Look ahead**

- Continue ESC monitoring and maintenance
- Continue mainline activities for grubbing, grading, stringing and bending
- Continue welding and coating across construction corridor (KP 525- 558)
- Continue mainline ditching, lowering-in, tie-ins and backfill activities
- 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



94.1%
of grading
completed



76.1%
of pipe installed, includes
activities from stringing
through to backfilling



1,552
workers at Sitka,
Hunter Creek, P2
and 9A Lodges

Section 8

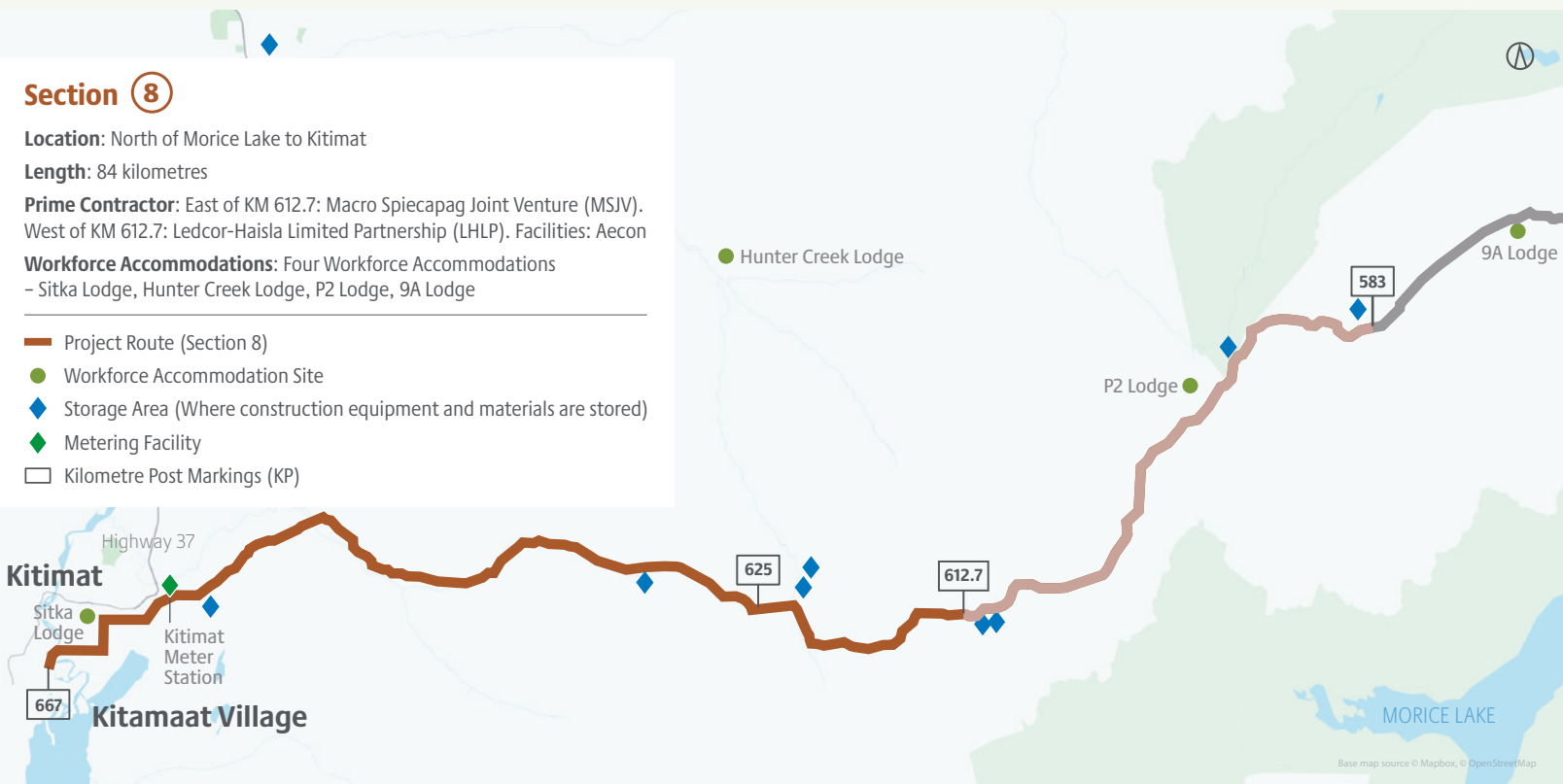
Location: North of Morice Lake to Kitimat

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

- Completed grubbing, grading and rock trenching activities between KP 612.700-613.700
- Completed mainline stringing, bending and welding up to KP 612.700
- Continued pipe installation at Bernie Gorge slope
- Completed hydrotest of Test Section 2A
- Continue reinstatement of Lake 1F Road (Heritage Trail)

Section 8 East Look ahead*

- Continue watercourse crossing installations and reinstatements
- Complete grading at KP 611.700 and two watercourse crossings
- Complete drilling and blasting on remaining slope at KP 611
- Continue mainline construction activities, including on steep slopes
- Conduct hydrotest of test section 2B
- Continue ESC maintenance and monitoring

**All schedules are subject to change*

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Section 8 West Key activities

- Continued grading, blasting in Icy Pass and west areas
- Continued mainline and back-end pipe installation
- Completed pipe installation at key watercourse crossings, continued pipe installation at other priority watercourse crossings, completion of trenchless watercourse crossing
- Progressed steep slope excavation and Cable Crane Hill blasting, excavation and pipe install
- Completed raised bore drill and tunnelling
- Continued townsite clean-up activities

Section 8 West Look ahead*

- Continue watercourse crossing installations
- Continue Icy Pass and North Hirsch corridor grading
- Continue steep slope work
- Continue Steep Slope 3 raised bore ream and begin installation of casing pipe
- Continue townsite pipe installation and trenchless watercourse crossing
- Continue ESC maintenance and monitoring

**All schedules are subject to change*



Photo of the month

As Coastal GasLink heads into the final year of construction, clean-up and reclamation work is underway in some areas along the project route. Ashley, a former Construction Monitoring and Community Liaison (CMCL) from Nak'azdli Whut'en is checking out the progress in her new role as an Environmental Inspector. Using leading environmental technology, Ashley is conducting a post-construction assessment to ensure that measures installed during the final clean-up and reclamation phases of construction are functioning as designed. Learn more about the stages of construction and reclamation [here](#).



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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