

Construction Update

November 29, 2022

Numbers as available at the end of October unless otherwise noted

Monthly highlights

Construction makes significant headway to finish the year strong

As the end of the year approaches, Coastal GasLink is seeing considerable construction progress along the project route. In the first nine months of the year alone, nearly 1/3 of the overall construction program was completed. At the end of October, Coastal GasLink reached 77.6 per cent completion, and by the end of November reached an incredible milestone of 80 per cent completion.

Heightened safety awareness

While safety is always our number one value, winter brings additional safety challenges and risks in B.C.'s north. We're working closely with our prime contractors to make sure the team keeps safety top of mind as they work this winter.

Legacy of Giving raises \$123,800 for United Way of Northern B.C.

When it comes to giving back to local communities, our workforce is keen to participate. Recently, Coastal GasLink wrapped up its annual Legacy of Giving campaign in support of the United Way of Northern B.C. In partnership with our dedicated and community-minded prime contractors, and with a match from TC Energy's Empower program, we raised a total of more than \$123,800 to support socio-economic organizations across Coastal GasLink's project route. [Learn more.](#)

Take a look at our Photo of the month on page 10 to learn more about Coastal GasLink's latest milestone.

Performance at a glance:



77.6%
overall progress*

*includes all engineering, procurement and construction activities



75.0%
construction progress



6,365
workers across the project route as of October 31, 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.



177
workers at
Sunset Prairie Lodge

Section 1

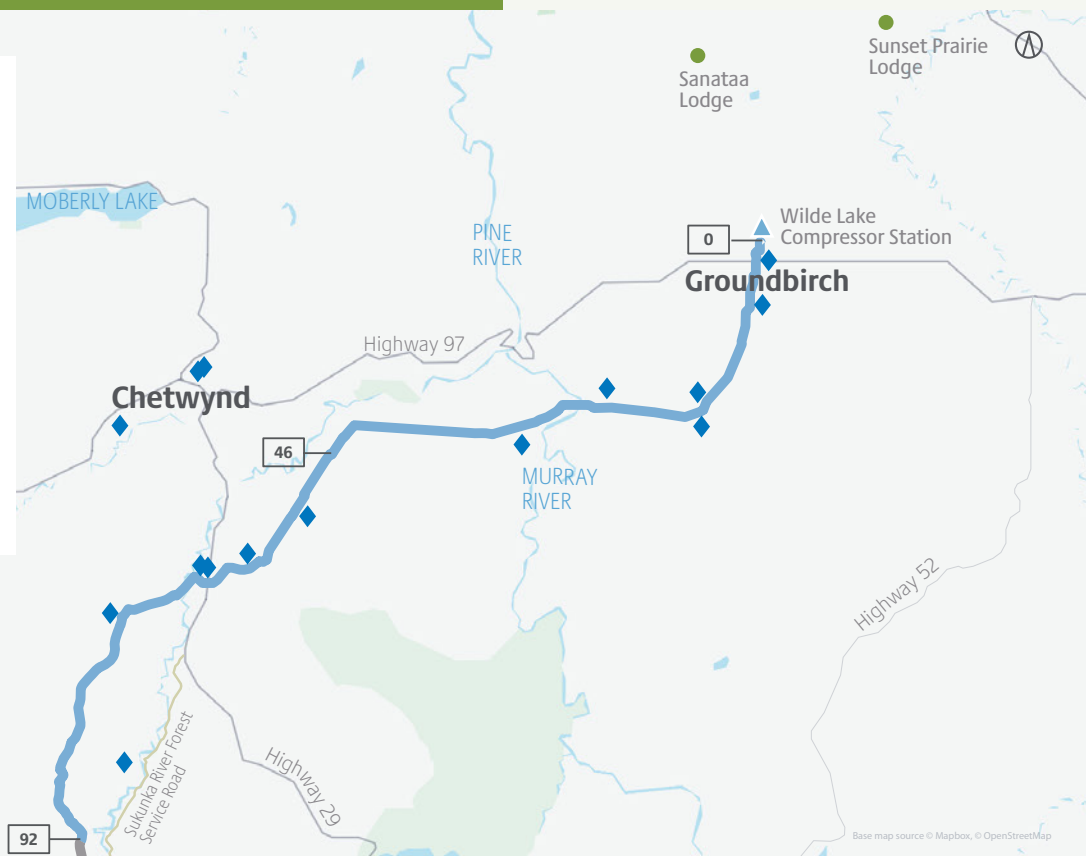
Location: West of Dawson Creek to south of Chetwynd

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 piling for Mainline Block Valve 4 installation
- Began mechanical installation of Mainline Block Valve 4
- Continued down-sizing Chetwynd construction office

Look ahead*

- Continue ESC mitigation and maintenance
- Complete Mainline Block Valve 4 installation
- Continue clean-up activities and prepare site for winter

**All schedules are subject to change*

Wilde Lake Compressor Station

Key activities

- Overall construction surpassed 96%; site welding surpassed 99%
- Completed large bore hydrotesting and drying
- Completed turbomachinery equipment installation
- Continued backfill activities, progressing final grade work
- Winter prep underway, progressing seeding of topsoiled slopes
- Progressed electrical and instrumentation work

Look ahead*

- Continue backfill activities throughout the site, weather permitting
- Continue deficiency work clean-up throughout site
- 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



96.8%
of pipe installed, includes
activities from stringing
through to backfilling



478
workers at
Sukunka and
Mt. Merrick Lodges

Section ②

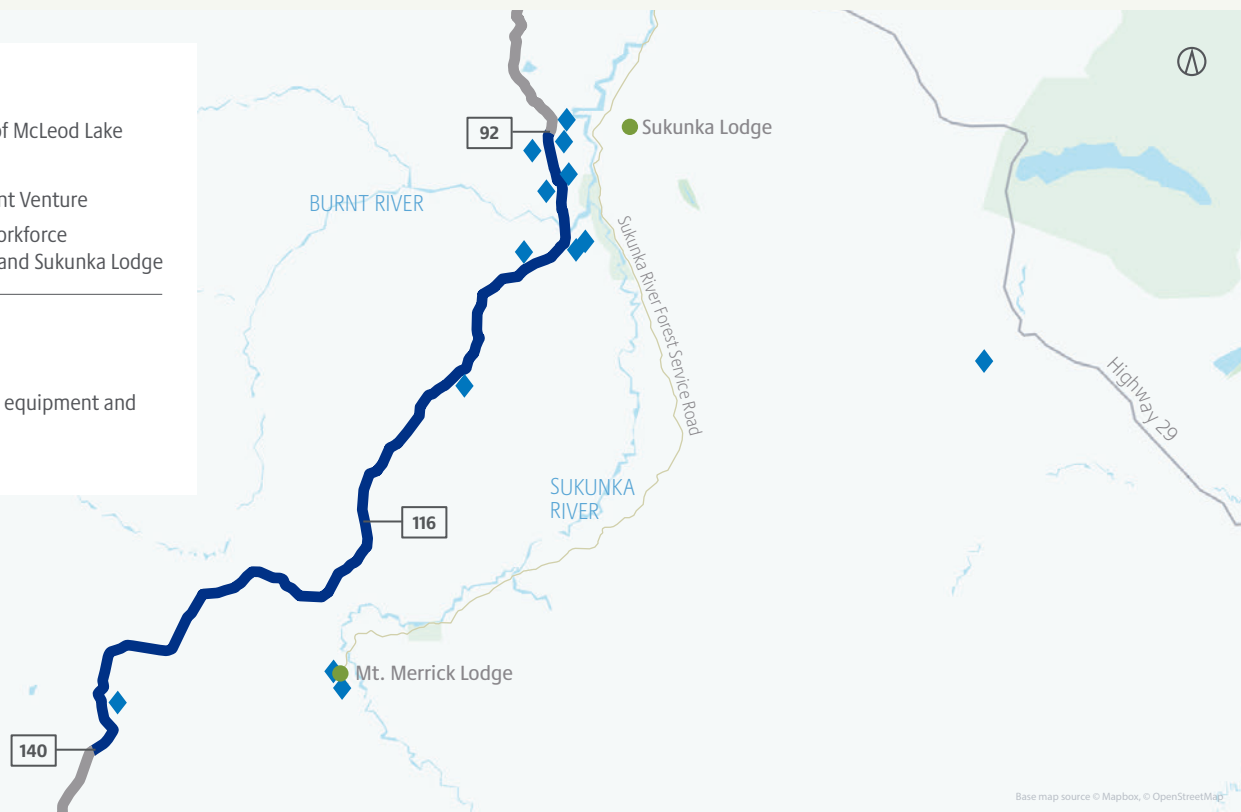
Location: South of Chetwynd to east of McLeod Lake

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)



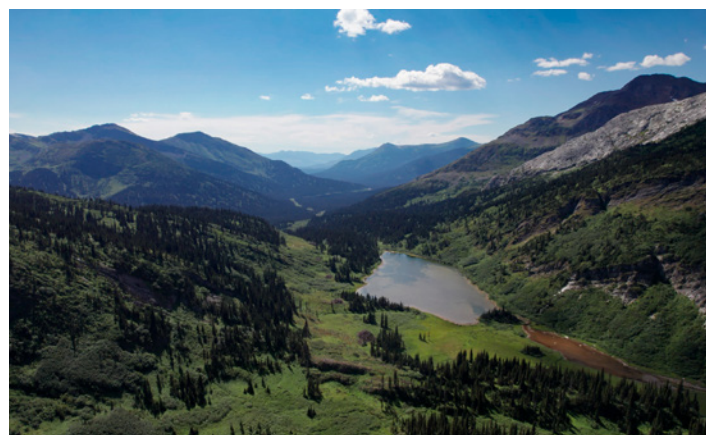
Key activities

- Continued ESC mitigation and maintenance
- Progressed mechanical installation through Mount Merrick Special Section (KP 117-122)
- Progressed grading and began mechanical installation at the Headwall Special Section (KP 138-140)

Look ahead*

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

*All schedules are subject to change



Scenic views from the Headwall where construction is quickly approaching 100% pipe installation

3 Section 3: Monthly Construction Update

At a glance:



100%

cleared, includes project route and ancillary sites



74.5%

of grading completed



61.8%

of pipe installed, includes activities from stringing through to backfilling



1,095

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 KP 154-157
- Continued access, grubbing and grading activities at KP 143-149 toward Headwall Special Section
- Began access, grubbing and grading between KP 140-143 (supported by SMJV)
- Continued grading and mainline work between KP 165-180
- Continued tie-ins and machine clean up from Season 3 work
- Completed hydrotesting of Test Sections (KP 190-200)
- Ongoing sheet piling installation at various locations
- Continued ESC mitigation and maintenance
- Began installing piles at Mount Bracey Valve site

Look ahead*

- Continue grading between KP 140-149
- Complete hydrotesting between KP 212-228
- Complete sheet pile installation/removals at various locations
- Complete in-line inspection (ILI) tool run between KP 190-212
- Continue grade and mainline work between KP 149-165 and KP 165-180
- 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:

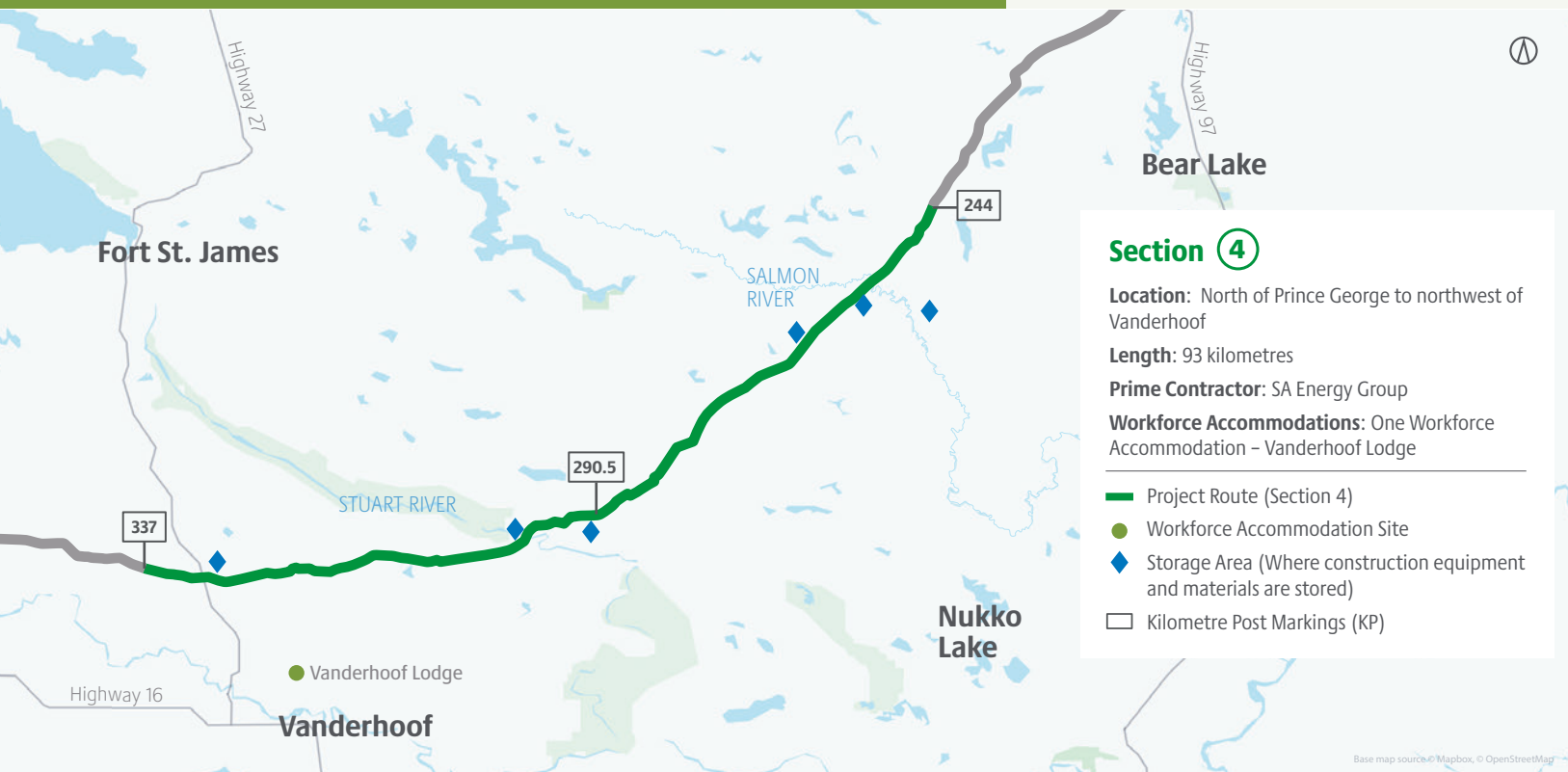


Completed pipeline installation

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
- Continued final clean-up activities at Racoon Lake Valve site

Look ahead*

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

*All schedules are subject to change

Did you know?

Back in May 2022, we celebrated the 100% pipe installation of Section 4. Completing this milestone of 93 km included 4,500 welds, two-directional pipe installs, 26 water crossings, and over 1.5 km of sheet piling. Check out this shot of the “golden weld” aka the final weld of the section!



5 Section 5: Monthly Construction Update

At a glance:



100%

cleared, includes project route and ancillary sites



99.8%

of grading completed



70.9%

of pipe installed, includes activities from stringing through to backfilling



419

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, bending, welding and coating
- Awarded additional scope of 5.5 km to Nadleh-Macro
- Continued construction activities at Fraser Cliff and Endako River trenchless crossing
- Completed hydrotest activities between KP 347 and 378
- Continued ESC monitoring and maintenance

Look ahead*

- Continue with ESC monitoring and maintenance
- Complete construction activities at Fraser Cliff and Endako River trenchless crossing
- Complete mainline construction activities from KP 378 to 391.
- Complete remaining tie-ins
- Continue hydrotest activities and commence post-test caliper runs and MLBV installations
- Commence mainline construction activities of additional scope from KP 391 to 397
- Continue 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



87.6%

of grading completed



45.1%

of pipe installed, includes activities from stringing through to backfilling



560

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 trenching and lowering-in from KP 443 to KP 458
- Continued tie-in and backfill activities from KP 443 to KP 458
- Completed mainline welding from KP S_28 to KP 506
- Continued grade work and cut balance to near completion at Mainline Block Valve 14 in anticipation of pile installation
- Completed restoration of two watercourse crossings; completion of another watercourse crossing underway

Did you know?

There are 17 Mainline Block Valves across the entire project route which allow for our operations team to cut off and isolate the flow of natural gas in the event of an emergency or routine maintenance.

Look ahead*

- Continue mainline activities
- Complete backfill in some areas of Section 6
- Complete and restore watercourse crossing; move crews to new watercourse crossing
- Begin pile installation of Mainline Block Valve 14
- Continue work on watercourse crossings at KP SHAR_31 and KP SHAR_28
- Continue site preparations, bridge installation and pipe works at Allin Creek watercourse crossing
- Prepare hydrotest activities for KP 443 to KP 458
- Continue with ESC monitoring and maintenance

**All schedules are subject to change*

7 Section 7: Monthly Construction Update

At a glance:



100%
cleared, includes
project route and
ancillary sites



57.0%
of grading
completed



26.6%
of pipe installed, includes
activities from stringing
through to backfilling



1,211
workers at
Huckleberry Lodge

Section 7

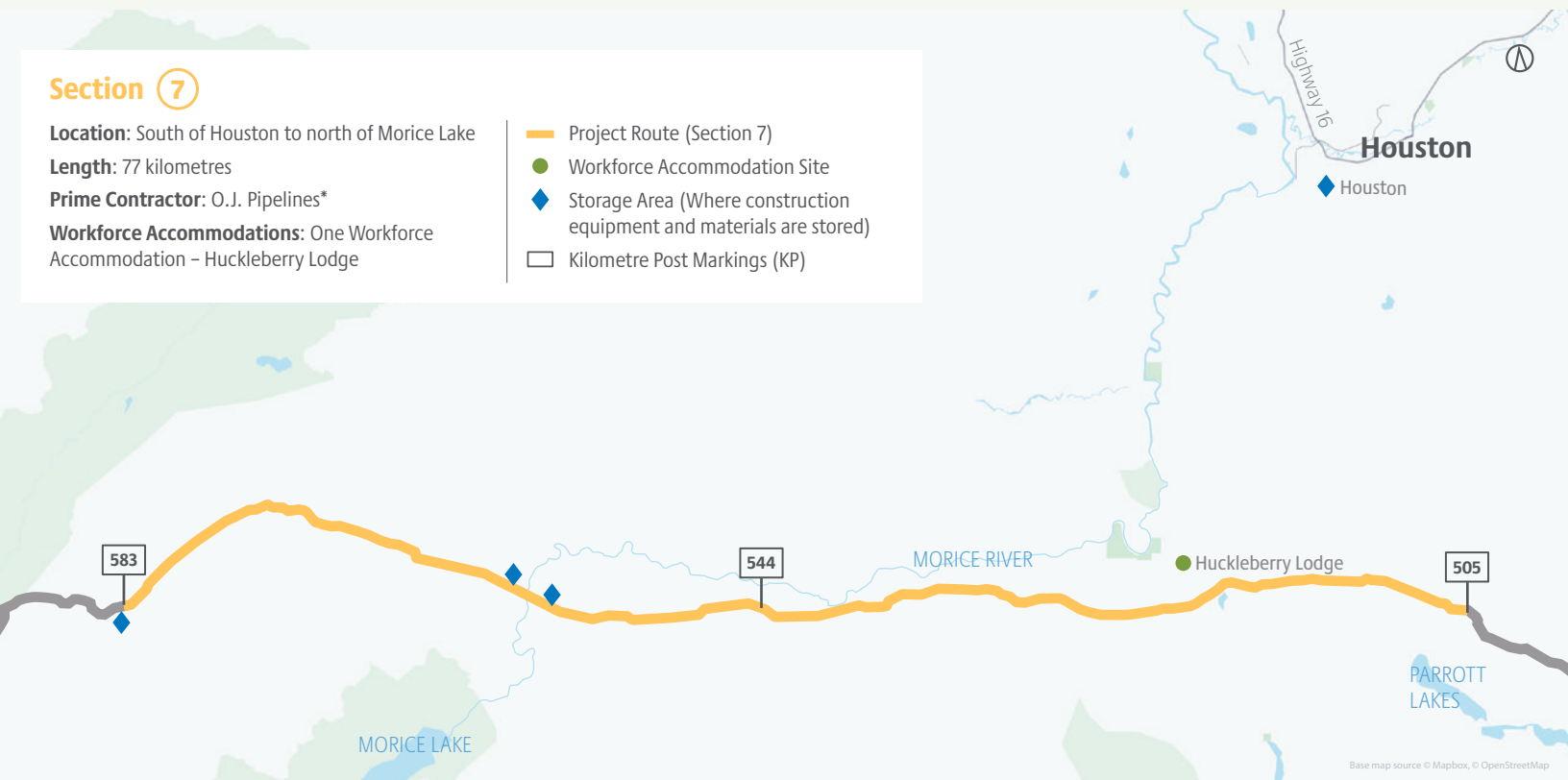
Location: South of Houston to north of Morice Lake

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 mainline activities including grading, stringing, bending, ditching, welding, lower-in, backfill and cleanup
- Ongoing preparation hydrotests for two sections
- Ongoing grade and ditch blasting
- Continued ESC monitoring and maintenance

Look ahead**

- Continue ESC monitoring and maintenance
- Continue mainline activities for grubbing, grading, stringing and bending
- Commence welding and coating across construction corridor (KP 525-558)
- Continue mainline ditching, lowering-in, tie-ins and backfill activities
- Continue machine clean-up
- Perform hydrotests in two sections
- 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



98.7%

of grading completed



84.8%

of pipe installed, includes activities from stringing through to backfilling



1,525

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

Section 8

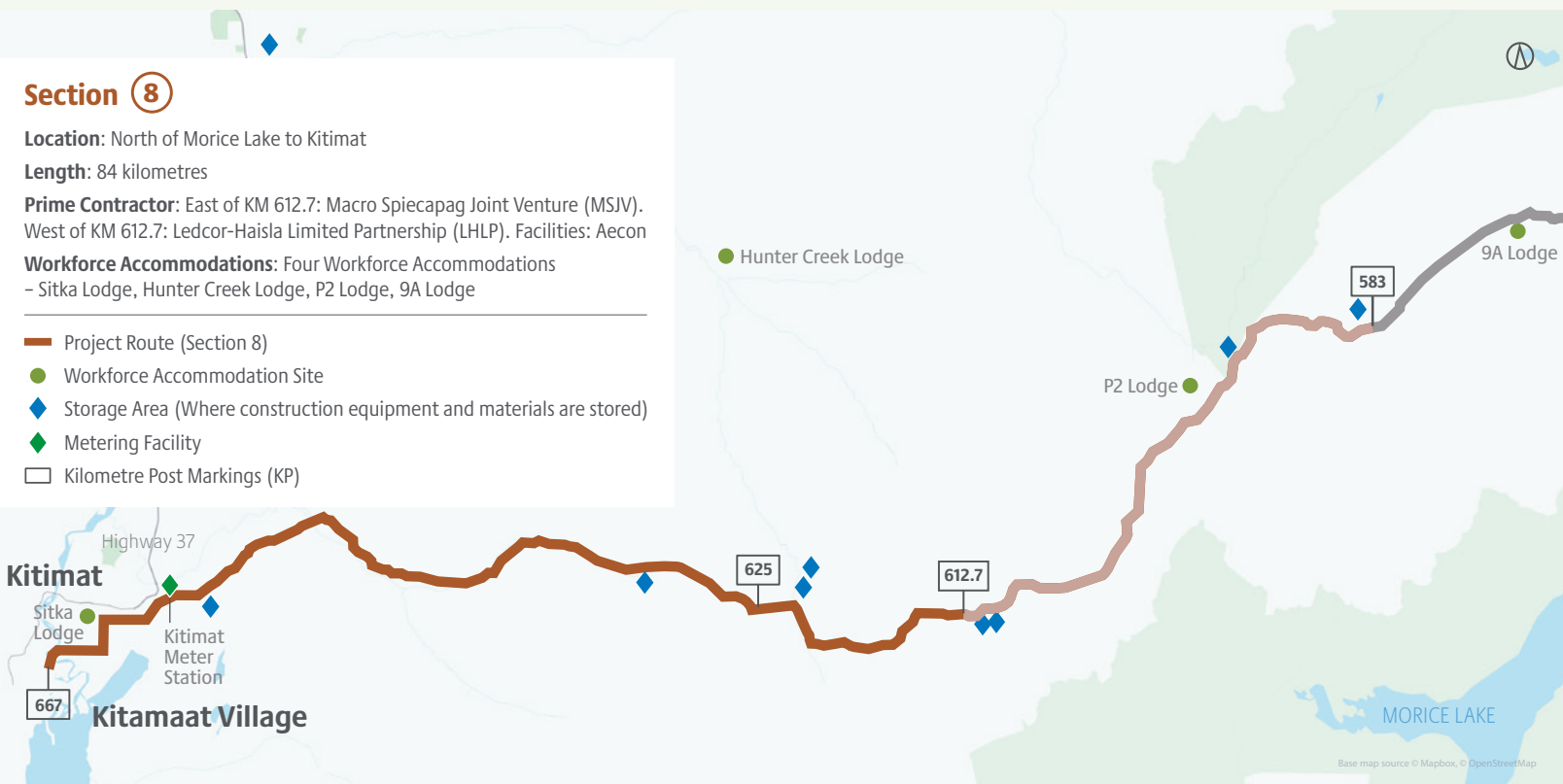
Location: North of Morice Lake to Kitimat

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 grading, stringing, bending and rock trenching activities at KP 612
- Completed welding at Clore Hill between KP 595-596
- Completed key watercourse crossing
- Completed welding, coating, trenching, lowering-in, backfill and tie-ins at KP 588-592
- Completed cleaning and gauging with hydrotest set-up ongoing at Test Section 2B

Section 8 East Look ahead*

- Continue watercourse crossing installations and reinstatements
- Conduct water filling and hydrotest of Test Section 2B
- Complete welding, coating, lowering in, backfill and tie-ins at Bernie Gorge
- Progress lowering in, backfill and tie-ins
- Continue mainline construction activities
- Continue ESC maintenance and monitoring

**All schedules are subject to change*

Section 8 West Key activities

- Completed grading, blasting in Icy Pass and west areas; continued ditch rock to near completion
- Continued mainline and back-end pipe installation
- Progressed and completed pipe installations at key watercourse crossings
- Completed work at Steep Slopes 2 and 5, progressed work at Steep Slopes 6 and 10
- Progressed Cable Crane Hill blasting, excavation and pipe install
- Completed raised bore casing pipe install
- Completed trenchless watercourse crossing

Section 8 West Look ahead*

- Continue watercourse crossing installations
- Continue civil and mechanical work at Steep Slopes 6 and 10, progress Cable Crane Hill civil and pipe installation
- Continue Steep Slope 3 raised bore grout and backfill
- Continue mainline pipe install KP 627-633
- Continue ESC maintenance and monitoring

**All schedules are subject to change*



Photo of the month

Coastal GasLink reaches 80% overall completion

In November, Coastal GasLink achieved 80 per cent overall completion. This incredible accomplishment is bolstered by a number of milestones reached this year such as the safe completion of 9 out of 10 major watercourse crossings, 45 per cent pipe installed at Cable Crane Hill ahead of schedule and 70 per cent of pipe installed across the entire route. As Coastal GasLink enters into its final year of construction, we are on track to deliver cleaner, Canadian-made energy to the world at a time it is needed most.



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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