

Coastal GasLink Pipeline Project

1 Section 1: Construction Update

Construction Update

September 17, 2019

Construction update:

- Completed site inspections with OGC and EAO with 100% compliance.
- Right-of-way clearing commenced on September 3 and will continue through Q1 2020.
- Initiate controlled blasting activities for clearing in certain sections (Sept. 23 to Nov. 30).
- Chetwynd Workforce Accommodation occupancy is expected May 2020.
- Continue to progress permits and approvals for other site preparation activities.

Other activities:

- Coastal GasLink is hosting community open houses and job fairs between September and October 2019. Section 1 open houses are being held as follows:
 - September 17 – Dawson Creek, George Dawson Inn
 - September 18 – Chetwynd, Chetwynd Recreation Centre

Section 1

Location: East of Dawson Creek to South of Chetwynd

Length: 92 kilometres

Prime Contractor: Surerus Murphy Joint Venture

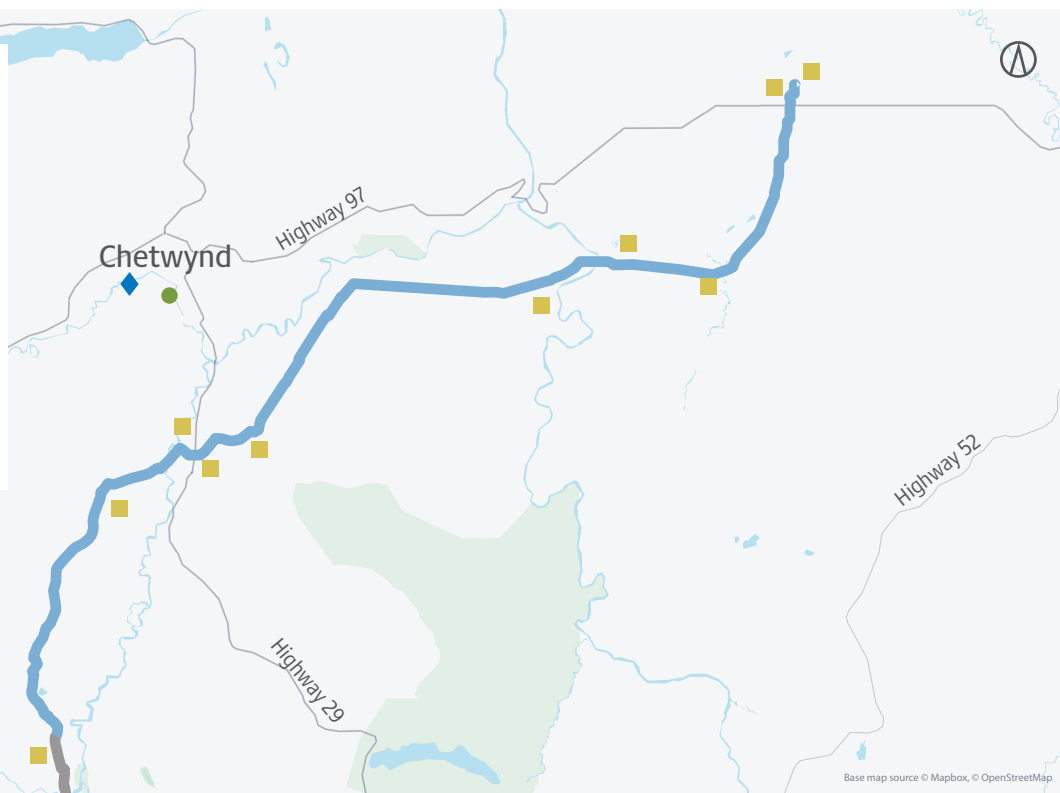
Workforce Accommodations: One Workforce Accommodation – Chetwynd

— Project Right of Way (Section 1)

● Workforce Accommodation Site

■ Laydown Area

◆ Stockpile Site



Project Overview

About the Project

The Coastal GasLink Project is a 670-kilometre provincially regulated pipeline that will safely deliver natural gas from the eastern part of B.C. near Dawson Creek to the LNG Canada facility in Kitimat, B.C. The project is designed to meet some of the strictest environmental and safety standards in the world.



Construction activities overview (subject to change)

2019–2020: Site preparation

- Improve access / upgrade roads
- Establish workforce accommodation sites
- Land clearing
- Site preparation for pipe laydown areas
- Pipe arrives at laydown areas

2020–2022: Mainline construction

- Clearing, grading, and removal of topsoil
- Excavation of trenches and placement of pipe next to trench (stringing)
- Welding, inspection and coating
- Lowering-in and completion of final welds
- Back-fill and cover
- Pressure-testing for safe operation

2022–2023: Post-construction

- Clean up, land restoration and reclamation of right-of-way
- Anticipated in service (2023)

Coastal GasLink
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2 Section 2: Construction Update

Construction Update

September 17, 2019

Construction update:

- Completed site inspections with OGC and EAO with 100% compliance.
- Right-of-way clearing commenced on September 9 and will continue through 2019.
- Establishment of Sukunka River workforce accommodation continues. First occupancy is expected October 2019.
- Initiate controlled blasting activities for clearing in certain sections (Sept. 23 to Nov. 30).
- Headwall Workforce Accommodation first occupancy is expected July 2020.

Other activities:

- Coastal GasLink is hosting community open houses and job fairs between September and October 2019. Section 2 open houses are being held as follows:
 - September 18 - Chetwynd, Chetwynd Recreation Centre

Section 2

Location: South of Chetwynd to West of West Bear Lake

Length: 48 kilometres

Prime Contractor: Surerus Murphy Joint Venture

Workforce Accommodations: Two Workforce Accommodations – Headwall, Sukunka River

■ Project Right of Way (Section 2)

● Workforce Accommodation Site

■ Laydown Area

◆ Stockpile Site



Project Overview

About the Project

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Construction activities overview (subject to change)

2019–2020: Site preparation

- Improve access / upgrade roads
- Establish workforce accommodation sites
- Land clearing
- Site preparation for pipe laydown areas
- Pipe arrives at laydown areas

2020–2022: Mainline construction

- Clearing, grading, and removal of topsoil
- Excavation of trenches and placement of pipe next to trench (stringing)
- Welding, inspection and coating
- Lowering-in and completion of final welds
- Back-fill and cover
- Pressure-testing for safe operation

2022–2023: Post-construction

- Clean up, land restoration and reclamation of right-of-way
- Anticipated in service (2023)

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3 Section 3: Construction Update

Construction Update

September 17, 2019

Construction update:

- No construction activities at this time.
- Continue to progress permits and approvals for priority access, ancillary, and right-of-way clearing. Right-of-way clearing pending receipt of permits.
- Completed access road and site development for permitted areas.
- Parsnip Workforce Accommodation complete and currently in use. Current occupancy is approximately 130 workers.

Other activities:

- Coastal GasLink is hosting community open houses and job fairs between September and October 2019. Section 3 open houses are being held as follows:
 - October 16 – Prince George, Ramada Plaza

Section 3

Location: West of McLeod Lake to Northeast of Prince George

Length: 104 kilometres

Prime Contractor: SA Energy Group

Workforce Accommodations: One Workforce Accommodation – Parsnip

— Project Right of Way (Section 3)

● Workforce Accommodation Site

■ Laydown Area

◆ Stockpile Site



Project Overview

About the Project

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Construction activities overview (subject to change)

2019–2020: Site preparation

- Improve access / upgrade roads
- Establish workforce accommodation sites
- Land clearing
- Site preparation for pipe laydown areas
- Pipe arrives at laydown areas

2020–2022: Mainline construction

- Clearing, grading, and removal of topsoil
- Excavation of trenches and placement of pipe next to trench (stringing)
- Welding, inspection and coating
- Lowering-in and completion of final welds
- Back-fill and cover
- Pressure-testing for safe operation

2022–2023: Post-construction

- Clean up, land restoration and reclamation of right-of-way
- Anticipated in service (2023)

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4 Section 4: Construction Update

Construction Update

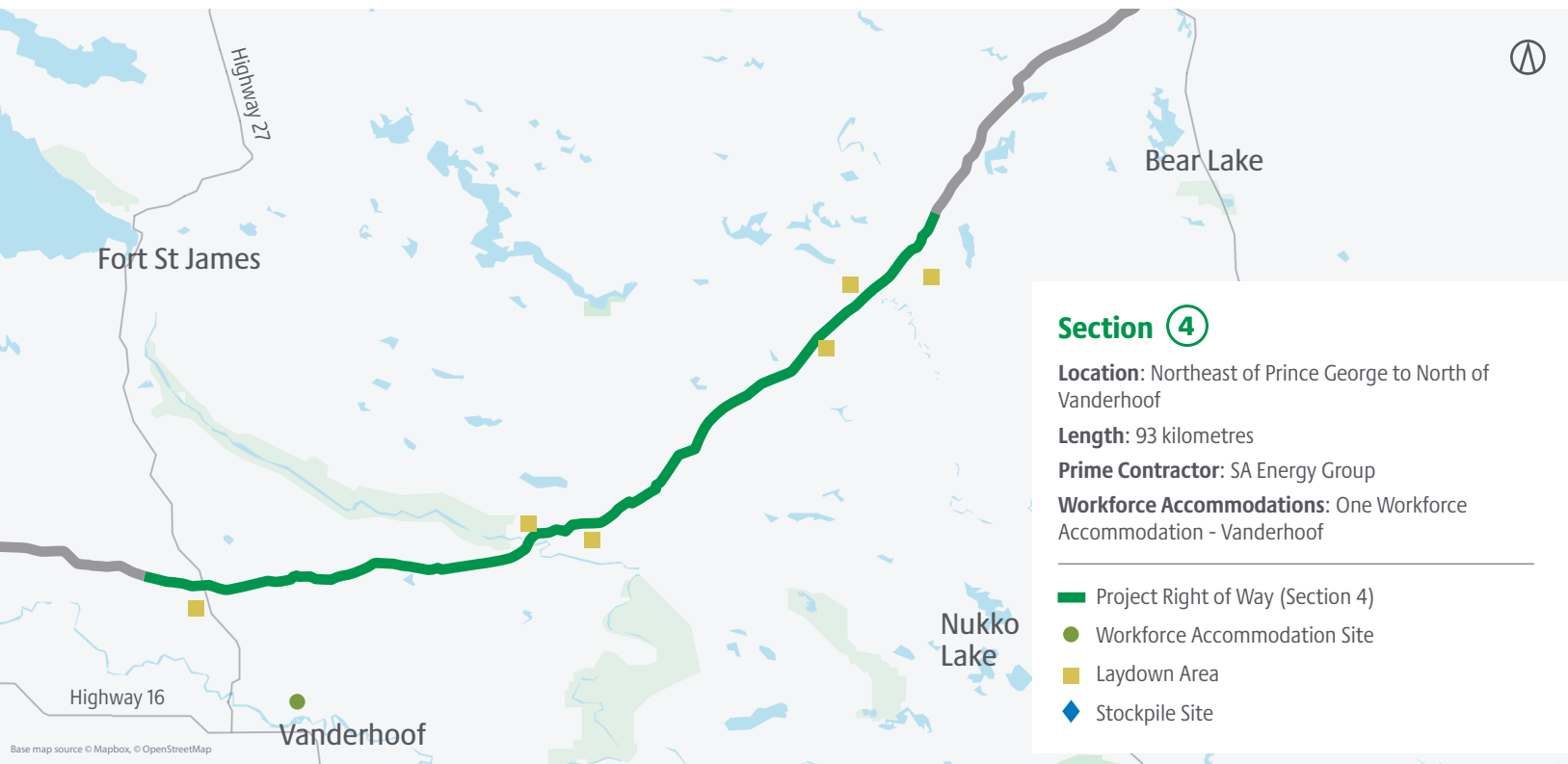
September 17, 2019

Construction update:

- No construction activities at this time.
- Continue to progress permits and approvals for right-of-way clearing.
- Right-of-way clearing anticipated to commence mid-October.
- Access road and site development completed for permitted areas.
- Vanderhoof Workforce Accommodation first occupancy is expected in January 2020.

Other activities:

- Coastal GasLink is hosting community open houses and job fairs between September and October 2019. Section 4 open houses are being held as follows:
 - October 17 – Vanderhoof, Community Event Centre



Project Overview

About the Project

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Construction activities overview (subject to change)

2019–2020: Site preparation

- Improve access / upgrade roads
- Establish workforce accommodation sites
- Land clearing
- Site preparation for pipe laydown areas
- Pipe arrives at laydown areas

2020–2022: Mainline construction

- Clearing, grading, and removal of topsoil
- Excavation of trenches and placement of pipe next to trench (stringing)
- Welding, inspection and coating
- Lowering-in and completion of final welds
- Back-fill and cover
- Pressure-testing for safe operation

2022–2023: Post-construction

- Clean up, land restoration and reclamation of right-of-way
- Anticipated in service (2023)

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5 Section 5: Construction Update

Construction Update

September 17, 2019

Construction update:

- Ongoing access, grubbing, and grading.
- Ongoing clearing and site preparation at Lejac Workforce Accommodation site.
- Lejac Workforce Accommodation first occupancy is expected October 2019.

Other activities:

- Coastal GasLink is hosting community open houses and job fairs between September and October 2019. Section 5 open houses are being held as follows:
 - October 29 – Fraser Lake, Fraser Lake Recreation Complex

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 - Lejac

— Project Right of Way (Section 5)

● Workforce Accommodation Site

■ Laydown Area

◆ Stockpile Site



Project Overview

About the Project

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Construction activities overview (subject to change)

2019–2020: Site preparation

- Improve access / upgrade roads
- Establish workforce accommodation sites
- Land clearing
- Site preparation for pipe laydown areas
- Pipe arrives at laydown areas

2020–2022: Mainline construction

- Clearing, grading, and removal of topsoil
- Excavation of trenches and placement of pipe next to trench (stringing)
- Welding, inspection and coating
- Lowering-in and completion of final welds
- Back-fill and cover
- Pressure-testing for safe operation

2022–2023: Post-construction

- Clean up, land restoration and reclamation of right-of-way
- Anticipated in service (2023)

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6 Section 6: Construction Update

Construction Update

September 17, 2019

Construction update:

- No construction activities at this time.
- Environmental field studies for pre-construction ongoing.
- Continued preparation for pre-construction activities, including finalizing permits and approvals.
- Site preparation of 7 Mile Road Workforce Accommodation is planned to start at the end of September 2019, along with associated minor road maintenance pending final permits.
- Occupancy of the 7 Mile Road site is expected January 2020.

Other activities:

- Coastal GasLink is hosting community open houses and job fairs between September and October 2019. Section 6 open houses are being held as follows:
 - October 24 – Burns Lake, Burns Lake Heritage Centre



Project Overview

About the Project

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Construction activities overview (subject to change)

2019–2020: Site preparation

- Improve access / upgrade roads
- Establish workforce accommodation sites
- Land clearing
- Site preparation for pipe laydown areas
- Pipe arrives at laydown areas

2020–2022: Mainline construction

- Clearing, grading, and removal of topsoil
- Excavation of trenches and placement of pipe next to trench (stringing)
- Welding, inspection and coating
- Lowering-in and completion of final welds
- Back-fill and cover
- Pressure-testing for safe operation

2022–2023: Post-construction

- Clean up, land restoration and reclamation of right-of-way
- Anticipated in service (2023)

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Coastal GasLink Pipeline Project

7 Section 7: Construction Update

Construction Update

September 17, 2019

Construction update:

- No construction activities at this time.
- Environmental field studies for pre-construction ongoing.
- Continued preparation for pre-construction activities, including finalizing permits and approvals.
- Site preparation of Huckleberry Workforce Accommodation and associated roads is scheduled to start end of September 2019, pending final permits.
- First occupancy of the Huckleberry site is expected July 2020.

Other activities:

- Coastal GasLink is hosting community open houses and job fairs between September and October 2019. Section 7 open houses are being held as follows:
 - October 23 – Houston, Houston Leisure Centre

Section 7

Location: South of Houston to South of Hazelton

Length: 83 kilometres

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

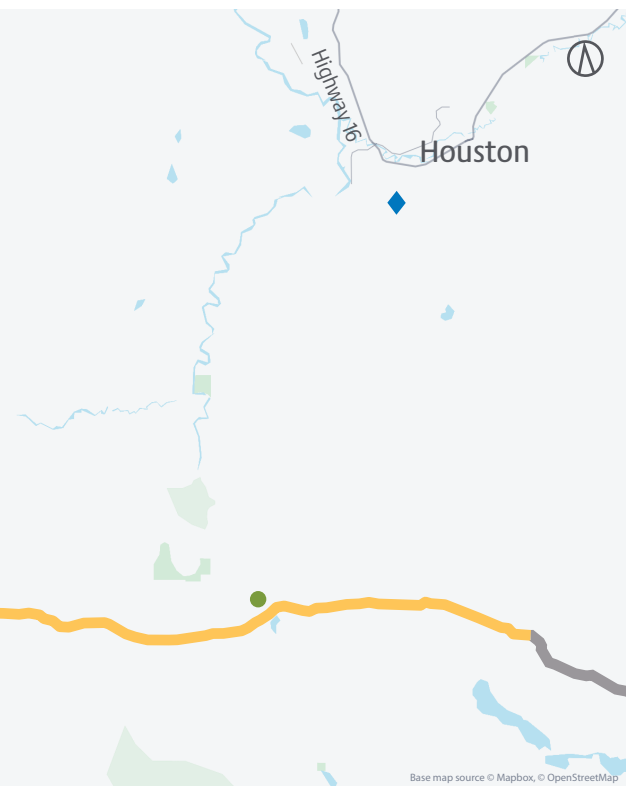
Workforce Accommodations: One Workforce Accommodation – Huckleberry

— Project Right of Way (Section 7)

● Workforce Accommodation Site

■ Laydown Area

◆ Stockpile Site



Project Overview

About the Project

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Construction activities overview (subject to change)

2019–2020: Site preparation

- Improve access / upgrade roads
- Establish workforce accommodation sites
- Land clearing
- Site preparation for pipe laydown areas
- Pipe arrives at laydown areas

2020–2022: Mainline construction

- Clearing, grading, and removal of topsoil
- Excavation of trenches and placement of pipe next to trench (stringing)
- Welding, inspection and coating
- Lowering-in and completion of final welds
- Back-fill and cover
- Pressure-testing for safe operation

2022–2023: Post-construction

- Clean up, land restoration and reclamation of right-of-way
- Anticipated in service (2023)

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Coastal GasLink Pipeline Project

8 Section 8: Construction Update

Construction Update

September 17, 2019

Construction update:

- Ongoing cable crane foundation site preparation work.
- Ongoing access, clearing, grubbing, and grading, with clearing to progress in the coming days south from the Kitimat Meter Station towards Kitimat.
- Controlled blasting activities continue along the project right-of-way in Section 8:
 - Along the project right-of-way approximately six kilometres east of Kitimat, as well as 34 kilometres east of Kitimat on North Kitimat Road;
 - From near the Kitimat Meter Station through the east end of the project right-of-way through the Coastal Mountains (approx. 41 kilometres east of Kitimat); and
 - From the eastern end of Section 8 (approx. 16 kilometres north of Morice Lake) working west to the east end of the project right-of-way through the Coastal Mountains.
- Intermittent work delays have occurred in the last month to ensure we have properly addressed our compliance obligations.
- Main 9A site occupancy began July 2019, and currently houses approximately 105 workers.
- Pioneer 2 site first occupancy is expected January 2020.
- Icy Pass 1 site first occupancy is expected in Spring 2020.
- Icy Pass 2 site first occupancy is expected in Spring 2020.

Other activities:

- Coastal GasLink is hosting community open houses and job fairs between September and October 2019. Section 8 open houses are being held as follows:
 - October 1 – Kitimat, Riverlodge Recreation Centre
 - October 2 – Terrace, Terrace Sportsplex

Workforce accommodation sites:

- Six workforce accommodation sites are being established to safely house workers in Section 8:
- Sitka Lodge is fully operational and currently houses approximately 310 workers.
 - Hunter Creek site was completed in December 2018 and currently houses approximately 70 workers.

Section 8

Location: South of Hazelton to Kitimat

Length: 84 kilometres

Prime Contractor: Macro Spiecapag Joint Venture (MSJV)

Workforce Accommodations: Six Workforce Accommodations – Sitka Lodge, Hunter Creek, Icy Pass 1, Icy Pass 2, Pioneer 2, Main 9A

- Project Right of Way (Section 8)
- Workforce Accommodation Site
- Laydown Area
- ◆ Stockpile Site

Highway 37
Kitimat

Project Overview

About the Project

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Construction activities overview (subject to change)

2019–2020: Site preparation

- Improve access / upgrade roads
- Establish workforce accommodation sites
- Land clearing
- Site preparation for pipe laydown areas
- Pipe arrives at laydown areas

2020–2022: Mainline construction

- Clearing, grading, and removal of topsoil
- Excavation of trenches and placement of pipe next to trench (stringing)
- Welding, inspection and coating
- Lowering-in and completion of final welds
- Back-fill and cover
- Pressure-testing for safe operation

2022–2023: Post-construction

- Clean up, land restoration and reclamation of right-of-way
- Anticipated in service (2023)

Coastal GasLink
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