



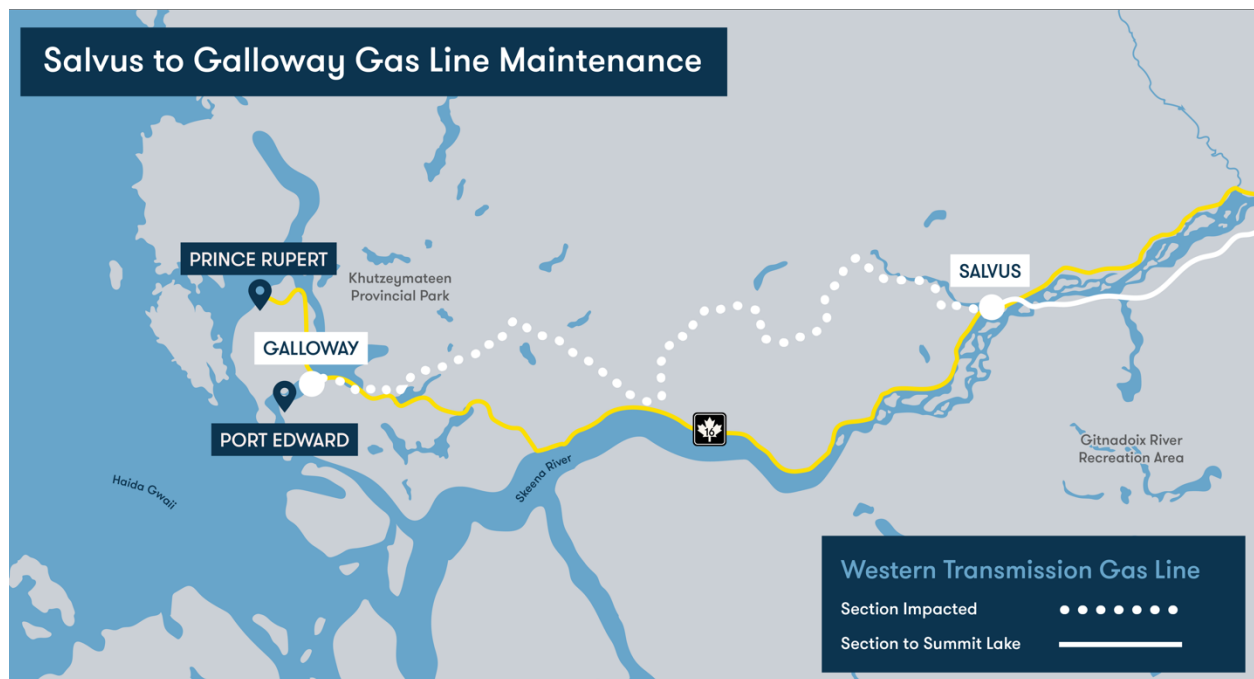
PNG

PACIFIC NORTHERN GAS FACT SHEET

SALVUS TO GALLOWAY PROJECT

INTRODUCTION

Pacific Northern Gas Ltd. (PNG) owns and operates the Western Transmission Gas Line in northern British Columbia. Built in the 1960s, the line transports natural gas from Summit Lake near Prince George to Kitimat and Prince Rupert on the coast, providing service to commercial and residential customers in communities along the way. To ensure the integrity of the line, PNG is conducting safety upgrades and repair work on an 80km segment between a maintenance yard in Salvus and a pressure regulating station at Galloway near Port Edward. Work will be completed in phases beginning in 2021 and ending in 2023.



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SALVUS TO GALLOWAY PROJECT PURPOSE

PNG's Salvus to Galloway (S2G) project is designed to uphold our commitment to provide safe, reliable service for our valued customers in northern communities. The project involves a range of maintenance work to ensure the integrity of our existing pipeline. This means our crews will repair or replace aging parts of the pipe. The work is a requirement of PNG's license to operate as overseen by the provincial regulator, the B.C. Oil and Gas Commission.

The S2G project will:

- Ensure continued safe, reliable energy supply for PNG customers.
- Enhance pipeline stability by addressing geotechnical risks, such as landslide, rockfall, avalanche and washout.
- Support PNG's ability to continue to sustain jobs and economic activity in the region.



S2G PROJECT DESCRIPTION

S2G project work involves completing pipeline repairs within the existing PNG pipeline right of way and adjacent, permitted temporary workspace. PNG's respect for the environment guides our decisions, and careful consideration is taken when planning our projects to avoid or mitigate environmental impacts. Work adheres to all regulatory requirements and guidelines, as well as PNG's project-specific and corporate Environmental Management Plans and archaeological mitigation plans.

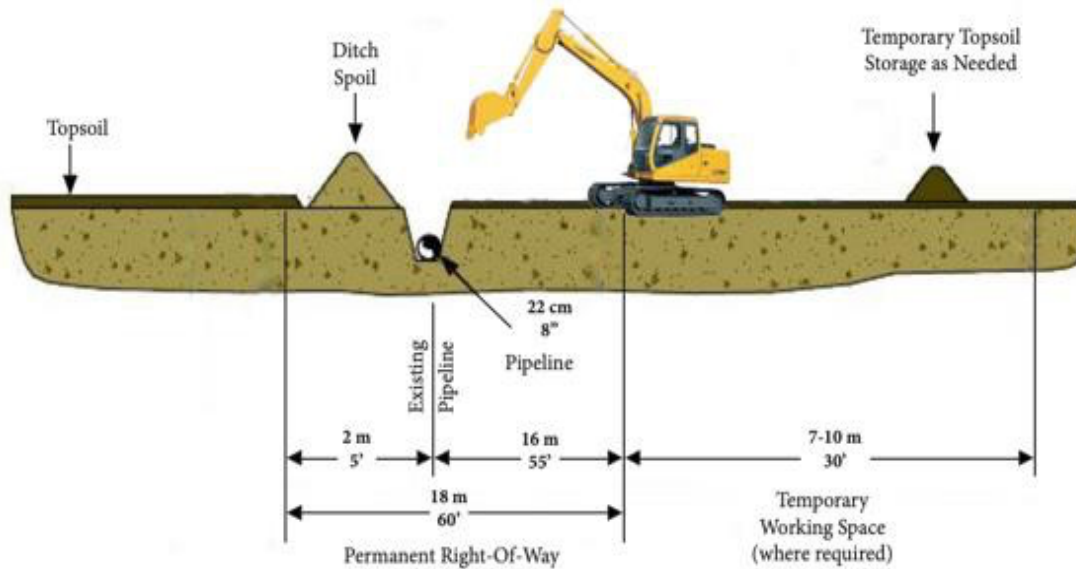
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Activities may include:

- Assembling equipment and crews.
- Clearing or brushing vegetation along the existing right of way and temporary workspace.
- Excavating, quarrying, hauling and placing materials.
- Conducting integrity digs and making repairs.
- Installing watercourse crossings, ditching, water management and erosion and sediment control.
- Mitigating impacts from geohazards like slides and washouts.
- Developing temporary access, staging and laydown areas.
- Completing site reclamation and future access management.

Typical Right-of-Way



What's An Integrity Dig?

Integrity digs involve small-scale excavation or digging to uncover the pipeline and assess whether it requires repair or replacement. Work includes:

- Clearing and site preparation.
- Exposing, repairing, or removing and replacing sections of pipe.
- Management of surface and groundwater, and erosion control.
- Safety testing and site restoration.

Will there be Service Disruptions?

At some points in the project, segments of the gas line will need to be shut down for short periods of time. Our goal is to minimize customer inconvenience during these brief service interruptions, and we'll be sure to provide advance notice.

What is the Regulatory Process?

PNG is committed to protecting the environment in northern communities where our customers and employees live and work. As part of the S2G project, PNG requires safe access to the existing right of way. To do this, PNG will seek BCOGC approval for temporary use of workspace, access areas and stream crossings, ensuring all work complies with applicable codes and standards governing the safe design, construction, operation and maintenance of natural gas pipelines. As well, PNG will inform and engage rightsholders throughout the process.

What's Geohazard Mitigation?

Geohazards include events such as landslides, avalanches, rockfalls and washouts. PNG takes measures to protect the pipeline from geohazards, including:

- Lowering the depth of the pipeline.
- Making pipe walls thicker.
- Building protection berms.
- Re-routing the pipeline within the right of way.
- Site remediation.

SAFETY IS OUR TOP PRIORITY

At PNG, we put the safety of our customers and employees first – and our excellent safety record shows it. The S2G project is designed with your safety in mind. All work on the S2G project is subject to a comprehensive safety and emergency response plan designed to protect the health and safety of workers, Indigenous communities, local communities, and the environment. In addition, PNG conducts regular inspections of its gas lines, including aerial patrols, in-line inspections, cathodic monitoring, and periodic brush clearing. PNG's entire pipeline infrastructure is monitored 24 hours a day using leading edge technology operating in real time. Automatic shut-off valves located at regular intervals along the route ensure interruptions or concerns with the line are identified immediately.

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OUR COMMITMENT TO YOU

PNG is committed to working with First Nations and local communities to understand and address community interests and concerns. Our aim is to incorporate community feedback into project planning where practicable. In 2019, PNG launched S2G environmental studies and direct engagement with both stakeholders and Indigenous communities. PNG intends to invite dialogue throughout the process with a focus on exploring project-related employment and business opportunities for local and Indigenous businesses in PNG's service areas.

PNG Service Areas



CONTACT US

Find out more about S2G. **Visit:** png.ca/projects/salvus-to-galloway-project/
Email: S2Ggasline@png.ca **Call:** 1-888-709-7304 **Follow:**

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ABOUT PNG

PNG provides reliable gas service to approximately 42,000 residential, commercial and industrial customers in more than 16 communities across northern B.C. In operation since 1968, PNG owns and operates a transmission and distribution system in west-central B.C. and a distribution system and processing plant in the province's northeast. For more information about PNG, visit www.png.ca.