

Alliance Pipeline Operations

April 2009



The Alliance Pipeline natural gas system is operated by some of the best people in the industry – experienced and skilled technicians in our field offices and compressor stations along the pipeline from northeastern British Columbia to the U.S. Midwest.

Our pipeline integrity team is committed to maintaining our facilities so we can provide safe, environmentally responsible and reliable service to our customers. At the hub of operations is a team of experts in our Gas Control Centre in Calgary, Alberta. They have the ability to regulate and monitor gas flow throughout the 3,719 kilometre system from a computerized command centre. Our entire Alliance team is dedicated to operating and maintaining the system under rigorous pipeline industry safety standards – standards that we continually seek to challenge and improve on.

Our 14 mainline compressor stations – seven in Canada and seven in the United States – keep gas flowing on its five-day, high-pressure journey from lateral and delivery lines in the gas fields of Western Canada and down the mainline to customers at the natural gas processing hub in the U.S. Midwest near Chicago, Illinois. The system is powered by gas turbines that generate up to 40,000 horsepower, powerful enough to fly a jet airliner.

Through technology and innovation, we've improved natural gas transportation. Our pipeline uses half the fuel and has more capacity than any other comparable pipeline. We transport a richer gas, containing more cubic energy per foot than other pipelines, giving the gas in our pipeline almost 10% more energy value than our competitors.

Safety and Damage Prevention

Ongoing education and public awareness about the existence of pipelines and how to safely live and work near them is essential to effective damage prevention. We believe that collaboration between our employees and an informed public is key to ensuring public and pipeline safety. We communicate regularly with our neighbours, governments and emergency service personnel in the communities in which we operate.

We share our emergency response plan with our communities, and to keep the lines of communication open, we encourage ongoing dialogue with our residents, distribute a newsletter twice a year and regularly participate in community events and activities.



Pipeline markers, displaying our toll-free emergency number (1-800-884-8811) are located at road crossings, fence lines, rail crossings and navigable watercourses. It is important to note that the pipeline markers do not indicate the exact location of the pipeline.

Facts About the Alliance Pipeline

Canada:

- 338 km (210 miles) of 1067 mm (42-inch) and 1,222 km (759 miles) of 914 mm (36-inch) diameter steel pipe
- Laterals (gas collection pipelines from 51 receipt points) 731 km (454 miles):
 - Pipe diameter ranges from 114 to 610 mm (4 to 24-inch)
 - Receipt capacity of about 127,000 m³/day
- 58 mainline block valves spaced about 32 km (20 miles) apart
- 7 mainline compressor stations of about 23 to 29 MW (31,000 to 40,000 hp) each, spaced about 193 km (120 miles) apart
- 7 compressor stations on the lateral system that range from 0.4 - 15 MW (500 – 20,000 hp)



Alliance Pipeline began operations on December 1, 2000, transporting natural gas through a 3,719-kilometre (2,311-mile) pipeline system that collects gas in northeastern British Columbia and northwestern Alberta, running underground through Saskatchewan, North Dakota, Minnesota, Iowa, and terminating in Illinois, the heart of the U.S. Midwest. Alliance delivers more than 1.6 billion cubic feet per day of rich, high-energy natural gas to the Chicago market, enough to fuel the needs of approximately seven million average homes per day.

- Maximum allowable operating pressure of 1,743 psig (12,017 kPa)

United States:

- 1,426 km (886 miles) of 914 mm (36-inch) diameter steel pipe terminating at 9 delivery stations. Delivery capacity of about 151,405 m³/day
- 43 mainline block valves spaced about 32 km (20 miles) apart
- 7 mainline compressor stations of about 23 MW (31,000 hp) each, spaced about 193 km (120 miles) apart
- Maximum allowable operating pressure of 13,343 kPa (1,935 psig)

Call Before You Dig

If you see a marker, it means there is a pipeline nearby and that you need to "Call Before You Dig" to have the pipeline located and staked so you can safely carry on with your work. Having buried



utilities located and marked by a qualified representative before you start work near the Alliance system is essential to effective damage prevention, and it's the law.

Pipeline

Alliance is member of Call Before You Dig services in British Columbia, Alberta and Saskatchewan. Residents or contractors who are planning work around our pipeline must call these provincial services to determine which underground facilities are in the vicinity of their activity.

British Columbia One Call

1-800-474-6886

Alberta One-Call

1-800-242-3447

Saskatchewan 1st Call

1-866-828-4888

Contact numbers are always listed on our printed material and our website www.alliance-pipeline.com. You can call Alliance any time at 1-800-717-9017.

We are trailblazers.

We are innovators.

We are focused.

We are Alliance Pipeline.

