How We Keep Our Pipeline Safe

The Alliance Pipeline was built using the most advanced design and technology available. Our system is made of robust, high-strength, heavy-wall steel pipe and covered with high quality protective coating. Cathodic protection (electrical current) is applied to protect the pipeline against external corrosion.

Alliance follows a rigorous Integrity Management Program that serves as the cornerstone of our pipeline design, operating and maintenance plans. This program helps us manage the Alliance Pipeline system, ensuring that we consistently operate safely and reliably. We assess and work to minimize risks associated with operating a high pressure natural gas pipeline, particularly in High Consequence Areas (HCAs) such as residential subdivisions, churches, schools, playgrounds, golf courses, picnic areas and businesses located within 1,200 feet of the pipeline. Locations along the right of way that house people with limited mobility are also classified as an HCA, and are maintained in our emergency response plans.

We regularly inspect the entire pipeline right of way by air and by foot, while our Gas Control Center electronically monitors our entire system around the clock, 365 days a year. Special valves located along the system automatically close in an emergency and can also be operated remotely by the Gas Control Center.

Alliance personnel perform above-ground surveys by walking along the pipeline right of way using equipment designed to assess the integrity of the under-ground pipe. At times we remove the soil to visually inspect the condition of exposed pipe. The presence of our trained employees is a positive indicator that the Alliance pipeline system is being properly maintained.

For an overview of our Integrity Management Program, visit www.alliancepipeline.com.

The pipe is routinely inspected using state of the art electronic tools, called In-Line Inspection tools or “smart pigs.” These tools are capable of identifying small features, such as corrosion, enabling us to take proactive measures to make repairs at an early stage.

There’s More Than a Natural Gas Pipeline at Risk

Planning a project that involves excavation or digging?
Installing a fence or a new shed?
Deep plowing your field?

STOP Call 811 before you dig – it’s required by law.
Whether you plan to do-it-yourself or hire a professional, call 811 or your State One-Call Center at least 48 hours (2 business days) before you begin.

US One-Call System
811 - from anywhere
North Dakota One Call www.ndonecall.com 1-800-795-0555
Minnesota Gopher State One Call www.gopherstateonecall.org 1-800-252-1166
Iowa One Call www.iowainfo116.org 1-800-292-8989
Illinois One Call Systems JULIE 1-800-892-0123 www.illinois1call.com

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www.alliancepipeline.com

May 2016 - US
**Alliance Pipeline**

The Alliance system transports high-energy natural gas from key producing areas in western Canada and North Dakota to the Chicago market hub, delivering approximately 1.6 billion cubic feet of natural gas every day – enough to meet the energy needs of more than 7 million homes and businesses each day. Alliance Pipeline is committed to safe, reliable and efficient operations. We conduct our business in a socially and environmentally responsible manner, while investing in the communities where we live, work and operate.

**Farming and Damage Prevention**

Unauthorized excavations around pipelines are a leading cause of pipeline incidents. A dent or scrape in the pipe or its protective coating needs to be reported immediately to Alliance Pipeline. Even a small nick or scratch in the pipe or its coating, if left unrepaired, could adversely affect the integrity of the pipeline.

The Alliance Pipeline system was designed and constructed to have minimal interference with normal farming operations. Some activities – such as sub-soiling, deep plowing or drain tile installation – could affect the integrity of our pipeline. To minimize potential risk to your safety, always Call Before You Dig! It’s the law.

**Pipeline Marker Posts**

Alliance Pipeline marker posts are located at road crossings, fence lines, rail crossings and waterways. These markers list our company name, the product transported and our emergency phone number. The marker posts are a warning that there is a pipeline nearby and do not indicate the exact location of the pipeline. Always call 811 before digging.

**Pipeline Locations**

To reference overview maps of pipelines in your area, visit the National Pipeline Mapping System online at www.npms.phmsa.dot.gov. NPMS should never be used as a substitute for calling 811 or your State One Call Center prior to any excavation activities.

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**Signs of a Natural Gas Leak**

- Unusual hissing, whistling or roaring.
- No odour or may smell similar to diesel, oil or propane. Unlike the odourized natural gas delivered to your home, natural gas on the Alliance system may not have an odour.

**Actions to Take in the Event of a Pipeline Leak**

- Operate phones or electrical devices
- Start vehicles or machinery in the area
- Come into contact with leaking substances
- Extinguish/eliminate ignition sources, like cigarettes or machinery
- Alert others in the vicinity
- Leave the area immediately on foot, in an upwind direction
- Call 9-1-1 and the Alliance Pipeline 24-hour emergency number: 1-800-884-8811

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**If you suspect a pipeline incident has occurred, see signs of a leak or observe suspicious activity, call 911 and our toll-free emergency number.**