In the unlikely event of an emergency, please call 911 and the Alliance Pipeline 24-hour emergency number 1-800-884-8811.
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Why You Are Receiving This Guide

Alliance Pipeline (Alliance) is providing you with this guide as part of our public awareness and pipeline damage prevention program and because above all we value public safety. We also want to share and ensure you have information about how to conduct excavation work safely near our pipeline to protect employees, the public and the environment. Damage prevention is a shared responsibility and by working together, we can ensure everyone goes home safe.
The Alliance Pipeline System

Alliance transports liquids-rich natural gas through a 3,848 kilometre underground system from northeastern British Columbia and northwestern Alberta – running through Saskatchewan, North Dakota, Minnesota, Iowa, and ending in Illinois. The Alliance system gathers natural gas from key producing areas in western Canada and North Dakota to the Chicago market hub, delivering an average of 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.

With more than 300 dedicated employees across our North American operations, we strive to be a good neighbour and invest in the communities where we operate. Alliance also ensures that environmental protection is a top priority, as evidenced by our stringent standards and our ongoing support of environmental awareness and conservation efforts.

The Alliance Pipeline is a liquids-rich pipeline that transports natural gas safely, economically and reliably from gathering lines to market.

We transport enough energy to meet the needs of more than seven million homes and businesses each day.
Pipeline Locations and Markings

The Pipeline Right-of-Way

Like most transmission pipelines, Alliance is located underground in a right-of-way (RoW). The RoW is a strip of land varying in width and containing one or more pipelines. The RoW provides space to perform pipeline maintenance and inspections and allows access for emergency response. Pipeline markers along the Alliance RoW provide a warning system to the public of the presence of a buried pipeline.

Keep in mind: Pipeline markers are only a warning that there is a pipeline nearby. Pipeline marker posts do not indicate the exact location – or depth – of a pipeline. These markers are located near common areas like road intersections, fence lines and water crossings. It is also very important to remember that a pipeline does not necessarily follow a straight course between markers.

Pipeline markers include four important messages:

- The name of the operator
- An emergency phone number
- The product being transported
- Call Before You Dig information

Pipeline markers are only a warning that there is a pipeline nearby, and do not indicate the exact location or depth of a pipeline.
Regulations You Should Know

Alliance Pipeline is regulated by the National Energy Board (NEB)

Many safety related incidents involving pipelines are caused by contractors/ excavators not knowing (or not following) rules and regulations, a lack of pre- planning, or unsafe excavation and construction practices. There are many NEB definitions and regulations you should be aware of if working in proximity to a NEB-regulated pipeline. Regulations apply to anyone causing a ground disturbance using power-operated equipment, or who will be constructing a facility across, on, along, or under a RoW regulated by the NEB, over or within 30 metres (100 feet) of the RoW, which is known as the safety zone.

What is a Ground Disturbance?

A ground disturbance is any soil removal, tilling or excavation activity exceeding a depth of 30 centimetres (1 foot) or permanently reducing the existing depth of cover within 30 metres (100 feet) from the edge of the pipeline RoW and over the pipeline. Examples include:

- Excavating
- Digging
- Deep ploughing
- Drilling
- Tunneling
- Grading
- Deep rutting by vehicles (30 centimetres/1 foot or deeper)
- Pounding posts
- Auguring

You must get written approval for any of these activities within 30 metres (100 feet) of the Alliance Pipeline RoW, this also includes vehicular traffic crossing over the pipeline outside of roads.

If your activity is mining, exploration or any activity using explosives, you must get approvals for these activities if within 40 metres (130 feet) from the edge of the RoW. Such activities could include:

- Gravel mining
- Seismic/geophysical exploration

Because unauthorized excavation is the single greatest risk to a pipeline and the surrounding public, conducting work in a well-planned and safe manner should be a top priority for you as it is for Alliance.

Unauthorized excavation along or under a RoW using power-operated equipment within the 30 metre safety zone is a violation of NEB regulations. Under the NEB’s Administrative Monetary Penalties program, fines can be levied for non-compliance with NEB regulations. Maximum penalties can be $25,000 for individuals and $100,000 for companies, each day of violation.

For more information, visit the NEB website www.neb-one.gc.ca.
Contact Your One Call Centre

Making A Locate Request

As an excavator, you need to contact your provincial One Call Centre at least 48 hours (two business days) before you begin your work. Wait for the site to be marked, respect the marks and dig with care.

By making a locate request at least two business days prior to your digging activity, you will ensure your safety and the safety of those around you, and avoid expensive repair costs caused by damaging underground utilities.

Alberta One-Call Corporation
1-800-242-3447
www.alberta1call.com

BC One Call (British Columbia)
1-800-474-6886
www.bconecall.bc.ca

Sask 1st Call (Saskatchewan)
1-866-828-4888
www.sask1stcall.com

www.clickbeforeyoudig.com
Damage Prevention Through Safe Excavation

Responsible contractors should have a pre-excavation checklist which can help prevent buried facility damage. The following is a checklist that can assist you in pre-planning your activity:

**Pre-Excavation Check List:**

- Identify the exact location and boundaries of your work area
- Conduct a complete scan of the area for pipeline markers/warning signs at road, rail or water body crossings. Look for indications of previous ground disturbance and check with landowners
- Check records, land titles, maps and regulatory records for buried facilities
- If you are working near the Alliance pipeline or any of our facilities, an Alliance representative is required to be on site during the entire excavation. Please make sure you do not start your excavation prior to Alliance personnel arriving on site. Contact Alliance and ensure all agreements are in place (for information or submitting an application contact crossings@alliancepipeline.com)
- Always contact your provincial One Call Centre at least 48 hours before any excavation activity begins
  - Alberta (Alberta One-Call Corporation) 1-800-242-3447
  - British Columbia (BC One Call) 1-800-474-6886
  - Saskatchewan (Sask 1st Call) 1-866-828-4888
  - Click Before You Dig www.clickbeforeyoudig.com
- Be onsite for the locate/markout to ensure you understand the markings and to ask any questions you might have
- Follow the agreements and any conditions within:
  - Follow all instructions of Alliance representative on site
  - Hand expose the pipeline within 3 meters (10 feet) on either side of the pipe prior to mechanical exposure
- Ensure an Alliance representative is on site for all activities on the RoW including backfill.

**Remember:** Immediately notify Alliance if you have come into contact with the pipe. Nicks to the coating, if left unrepaired, can lead to corrosion and potentially cause a rupture.
Gas Leak Recognition and Response

What Can Happen In An Incident

Working together to protect public safety and to minimize the likelihood of a pipeline incident due to excavation activities is an important part of our operations. Alliance employees monitor our system 24 hours a day, 365 days a year using electronic monitoring through gas control, ground patrol and aerial patrol. In the unlikely event an incident occurs on the Alliance system, our employees are highly trained to work with local first responders to safely manage the incident.

Natural Gas Information

• Natural gas is lighter than air, so if there were a release along our system, most of the product would dissipate into the atmosphere. Even so, you should avoid contacting product released from any pipeline.

• Natural gas is non-toxic, but can pose some health hazards and could cause dizziness, shortness of breath and loss of consciousness if inhaled.

• Natural gas is flammable, so be sure to eliminate any potential ignition sources if you suspect a natural gas leak.

• Natural gas is odourless, however it can have a petroleum smell similar to diesel, oil or propane.

• Natural gas is colourless.

Signs of a natural gas pipeline leak

In the unlikely event of a pipeline emergency, it’s important that you know the warning signs.

**DO**

• Unusual hissing, whistling, or roaring

• No odor or a smell similar to diesel, oil, or propane*

**DON’T**

• Extinguish/eliminate ignition sources like cigarettes or machinery

• Alert others in the vicinity

• Leave the area immediately, in an upwind direction

FROM A SAFE LOCATION

Call 911 and the Alliance Pipeline 24-hour emergency number

1-800-884-8811

Actions to take in the event of a pipeline leak

• Steam-like cloud

• Unexpected frost on the ground

• Dirt blowing from the ground

• Bubbling in wet areas

• Dying vegetation along the Right-of-Way

* Unlike natural gas delivered to your home which may be odorized, natural gas on the Alliance system is not odorized.
Damage Prevention — It’s a Shared Responsibility

Alliance partners with many damage prevention associations to help ensure those working near our pipeline and all buried facilities do so safely. We encourage anyone working in the excavation industry to get involved in damage prevention organizations. Through open communication and collaboration, issues can be identified and solutions developed to create even safer programs.

Damage prevention effectiveness is rooted in information sharing and public awareness. This is the driver behind publications such as this one. By not contacting their One Call Centre, excavators, contractors and the public put themselves, their families and their neighbours at increased risk. Always call or click before you dig to prevent damage to unmarked pipelines and underground facilities.

Alliance is proud to be a member of the Canadian Common Ground Alliance (CCGA) and its regional partners in Alberta, British Columbia and Saskatchewan to create safe digging best practices that allow excavation and construction projects to occur safely and efficiently. Working alongside excavators, locators, regulators and operators, the CCGA ensures all stakeholders are part of the discussion to create best practices.

Alliance also works closely with first responders and mutual aid organizations in each of the communities where we operate. We provide safety information, training opportunities and guidelines for emergency procedures so they are prepared in the unlikely event of an emergency.
Key Contact Information

Head Office
800, 605 - 5th Avenue SW
Calgary, Alberta, T2P 3H5
Alliance Toll-Free: 1-800-717-9017
Telephone: 403-266-4464
Fax: 403-266-4495
info@alliancepipeline.com

Crossings Information/Requests
1-800-717-9017
crossings@alliancepipeline.com

References & Links

- National Energy Board - www.neb-one.gc.ca
- Alberta One-Call - www.alberta1call.com
- BC One Call - www.bconecall.bc.ca
- Sask 1st Call - www.sask1stcall.com
- Canadian Common Ground Alliance - www.canadiancga.com
- Alberta Common Ground Alliance - www.albertacga.ca
- BC Common Ground Alliance - www.commongroundbc.ca
- Saskatchewan Common Ground Alliance - www.scga.ca

Help us keep in touch!

If you are an excavator along the Alliance Pipeline, it is important that we are able to reach you. If you’ve recently changed your phone number or your business has moved, please call us at 1-800-717-9017 to update your contact information.