



Trans-Northern



PIPELINE **SAFETY** IN YOUR COMMUNITY

About Trans-Northern Pipelines:

We were founded in **1949**

We have
320 km

of Alberta Energy Regulator (AER)
regulated pipeline in Alberta.



We transport only refined petroleum products
including gasoline, diesel, aviation and heating fuel
used by businesses and consumers.



canadian | association
energy | canadienne
pipeline | de pipelines
association | d'énergie

We are a member of the Canadian Energy Pipeline Association (CEPA), which means we must demonstrate the highest level of operational excellence, safety, and community responsibility.

For more than 60 years, Trans-Northern Pipelines Inc. (TNPI) has moved petroleum products. Our highest priority is to operate in a safe and environmentally responsible manner. We are guided by our core values: to be safe, respectful, professional, trustworthy, decisive, and results-focused.

Since you live or work near the pipeline, we want you to know how TNPI protects the pipeline in your community. This brochure is one of the ways we share information about our procedures and activities so that you can learn more about how we keep you, your family and your community safe.



NEVER SEEN
OUR PIPELINE BEFORE?
That is because it's underground.

While it may look like a straight
line on this map, the pipeline
underground bends and curves.
It is built that way to accommodate
changes in the landscape
and terrain.



The Alberta Products Pipe Line (APPL) flows north to south, transporting products from Edmonton-area refineries to terminals in Calgary, including the Calgary International Airport. The Alberta Energy Regulator, the agency responsible for regulating Alberta's oil and gas resource, regulates the pipeline.

WHAT DO WE TRANSPORT?

Trans-Northern Pipelines transports refined petroleum products such as gasoline, diesel fuel, and fuel for aviation which are ready for use by consumers and businesses.

Refined products account for about 25 per cent of the petroleum shipped in Canada.

Our products are used to fuel everything from airplanes to trucks, cars, tractors and lawnmowers, helping people and goods get where they need to go.

OUR PRIORITY: KEEPING YOUR COMMUNITY SAFE

According to Natural Resources Canada, pipelines are the safest method of transporting large quantities of petroleum products over long distances.

We are committed to operating in a safe and environmentally responsible manner to protect the public, the environment, and the pipeline. We want communities such as yours to be assured of the safety precautions, plans and protocols in place to ensure security and peace of mind.

Here are some ways we ensure the safety of our underground pipelines every day.

1. Monitoring the pipeline inside and out

Continuous monitoring is paramount to ensuring pipeline safety. Trained Line Controllers remotely operate and monitor the pipeline 24 hours a day, seven days a week from our control room. We look for changes that may suggest a leak or other disturbance. If we find something, we investigate immediately.



We also inspect the pipeline from the inside, running specialized inspection tools through the pipeline. When further investigation is required, an integrity dig is performed by excavating around the underground pipeline to examine it. If we find a flaw or defect, we repair it or replace a section of the pipeline and then recoat the pipeline and backfill the excavation, ensuring the area is returned to pre-excavation conditions.

Since nothing beats the experience of the trained human eye, we also check our pipeline using aerial surveillance, vehicle patrols and by walking the pipeline route. Experienced operators look for potential hazards such as unauthorized digging or construction, inadequate soil coverage, signs of leaks, vandalism or other disturbances.



2. Alerting the public using marker signs

You will know our pipeline is nearby if you see one of these signs. They appear along our pipeline to provide contact details for more information.

There are three types of pipeline markers: caution sign, right of way (ROW), and roadway marker. While these markers show you there is a pipeline in the area, they do not tell the exact location, path, or depth of the pipeline.





3. Pumps and meters

Along the line are facilities that help to move the product to its final destination. Our pipeline is 320 kilometers and safely transports an average of 48,400 barrels of refined fuel products daily. Eight pump stations ensure that the fuel continues to flow through the pipeline and one meter station continuously analyze the quality and the quantity of refined fuel as it is transported. Since we transport different types of refined fuel products, there are special sensors in the pipeline to detect the type of fuel being transported.

4. Constantly preparing for pipeline incidents

While pipeline incidents are rare, we are prepared. Our employees are trained to manage emergency situations. We have an Emergency Response Plan which is approved by the regulator and we test our protocols regularly with employees, third-party contractors, regulators, local emergency responders and others.

We share our Emergency Response Plan with emergency responders and municipalities in your community and collaborate with them to ensure they are familiar with our team of people and our protocols. Our Emergency Response Plan is available at tnpi.ca/emergency-services/



5. Working with your community

Our pipeline is part of many communities and it is important that we get to know those who live and work near our pipeline. We participate in community events, host seminars and provide materials about pipeline safety.

Our pipeline often crosses private property. We follow the Canadian Energy Pipeline Association Code of Conduct, ensuring we talk with property owners and tenants to remind them that the pipeline is there and to provide information about what to do and who to contact if they need to dig near the pipeline. When working on the property, we explain our activities and timelines in advance and return the area to pre-work conditions when we are finished.

Where our pipeline crosses farm land, we work with the farmers so that they can go about their daily activities, contacting us only if they make a significant change in the type of equipment they use or need to do something out of the ordinary so that we can review it together in keeping with our safety protocols.



PIPELINE SAFETY IS A SHARED RESPONSIBILITY

We share responsibility for pipeline safety with our neighbours, including other pipelines and utilities, residents and those working near our pipelines.

HOW CAN YOU HELP TO PROTECT THE PIPELINE EVERY DAY?

Protecting the pipeline protects the community. If you notice any of the following, call **1-800-361-0608** immediately so we can investigate:

- Vandalism, suspicious behavior, digging, excavating, tunneling or tree-planting in the area near the pipeline
- Unusual or unsafe activity within 30 metres from the right of way
- Damage to the marker signs or test post
- Marker signs that are bent or low to the ground
- Tall grasses, fallen trees, dirt or debris piles, or other matter near the pipeline or in the right of way which limits visibility along the right of way or would impede access.
- Anything that looks out of the ordinary

We are also checking the area around the pipeline from above and on the ground to look for activities that could damage the pipeline. You can help by avoiding or getting approval in advance for activities such as:

- Driving heavy equipment including backhoes, graders, tractors, or dump trucks in the right of way or over the pipeline
- Dumping soil, yard waste, or other materials in the right of way
- Removing marker sign posts
- Digging without approval



CALL US AT
403-476-1644
**BEFORE WORK
BEGINS.**



CONTACT US BEFORE YOU WORK:

Damage from third-party activities including unauthorized construction, development, encroachment, and digging are leading causes of pipeline incidents. Are you planning any digging/ excavation, trenching, ditching, tunneling, boring, drilling, augering, stripping topsoil, grading or levelling, plowing, tree planting or removal, blasting, quarrying, grinding, driving fence posts, rods, pins, anchors or driving heavy loads off public roads? Contact us first and make sure you or your contractor have approval in advance.

BEFORE YOU WORK

If you're digging with a shovel, back hoe or other equipment in the ground, you and your contractor are responsible for making sure you have permission before you dig. Our pipeline is not the only utility underground. Before you dig, contact **albertaonecall.com** for a FREE locate – available 24 hours a day, seven days a week.



You are required by law to secure approval before:

- Installing underground utility cabling/piping
- Putting up a fence, poles, or posts
- Building above or in-ground swimming pools
- Installing drainage or irrigation systems
- Landscaping activities including planting or removing trees, shrubs, or other landscaping activities
- Paving, blasting or digging of any kind

OneCall will contact all of the utilities in the area of your work. If our pipeline is in the area of your work OneCall will notify you and we will contact you. We will also let you know if any further permits are required.

ARE YOU PLANNING ANY WORK OVER OR WITHIN 30 METRES (100 FEET) OF TNPI'S RIGHT OF WAY?

Crossing and encroachment can pose a threat to the pipeline. If you need to dig or create a temporary or permanent structure across, on, along or under the pipeline, contact us at **403-476-1644** or visit our website at **tnpi.ca** to download a copy of our Crossing Application.

To ensure the safety of your project we will:

- Verify the pipeline location within two business days of notification
- Discuss permit requirements
- Within 21 working days, either issue a permit or explain why a permit cannot be issued and visit the dig site to mark the pipeline and right-of-way limits on the ground, so everyone knows where the pipeline is located before work begins
- Send an inspector, if needed, to confirm the work is done safely

IF YOU SUSPECT A LEAK, TAKE IMMEDIATE ACTION.

Signs of a leak include:

- Visible flow or pooling of petroleum product
- An unusual oily stain on land or sheen in water
- Petroleum, gasoline, or diesel smell
- Discoloured or dead vegetation in the right of way

IF YOU HAVE QUESTIONS ABOUT OUR PIPELINE, CONTACT US.

Planning a project or need to obtain a permit/crossing agreement? **Call 403-476-1644**

Interested in knowing more about our operations?
**Visit us online at tnpi.ca, email us at info@tnpi.ca
or call 403-476-1646.**

IF YOU SUSPECT A LEAK OR IF YOU STRIKE THE PIPELINE:

1



Stop all work, shut off all machinery, and move to a safe location.

2

911

Call 911

3



Call our 24 hour emergency hotline
1-800-361-0608

4



Do not attempt to repair the pipe or operate any valves



Trans-Northern Pipelines Inc.

tnpi.ca

info@tnpi.ca

In case of emergency: 1-800-361-0608

For permit/crossing agreements: 403-476-1644