

Living Near Pipelines



What You Need To Know

Committed to safety since 1953.



Important Safety Information

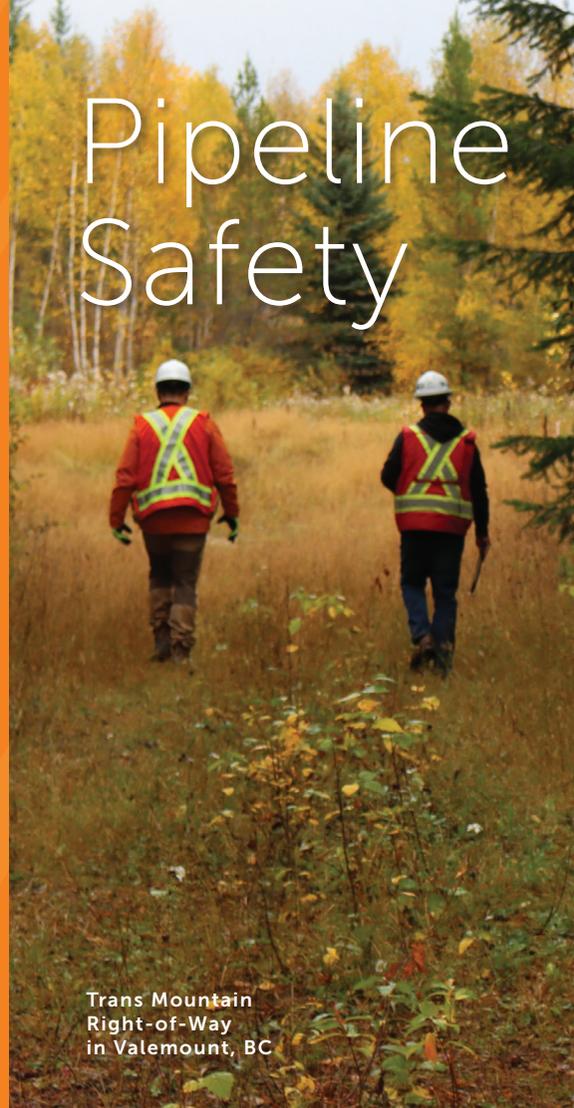
You are receiving this information because you live on or own property near one of our pipelines or facilities in Canada.

Before you start digging or building, you need to know who to contact, what permissions you need and what to do if something goes wrong. This important information is provided in the brochure.

For more information about pipeline safety, please visit our website:

transmountain.com/pipeline-safety

Pipeline Safety



Trans Mountain
Right-of-Way
in Valemount, BC

Pipelines are the safest and most efficient way to transport petroleum to market.

At Trans Mountain, pipeline safety is our number one priority.

Our safety programs focus on protecting the safety of the public, the environment and our employees. We're committed to being a good corporate citizen by incorporating responsible business practices and conducting our operations in an ethical manner. We strive to improve pipeline and facility integrity and are focused on preventing pipeline incidents and minimizing impacts.

Understanding the Pipeline Right-of-Way and Prescribed Area

A pipeline follows a clear stretch of land called a right-of-way, which allows our workers to access our pipeline for inspections, maintenance and emergencies.

Markers are used to indicate the approximate location of the pipeline, as well as important information including the type of product carried, the local One Call number and Trans Mountain's 24-Hour Emergency Line.

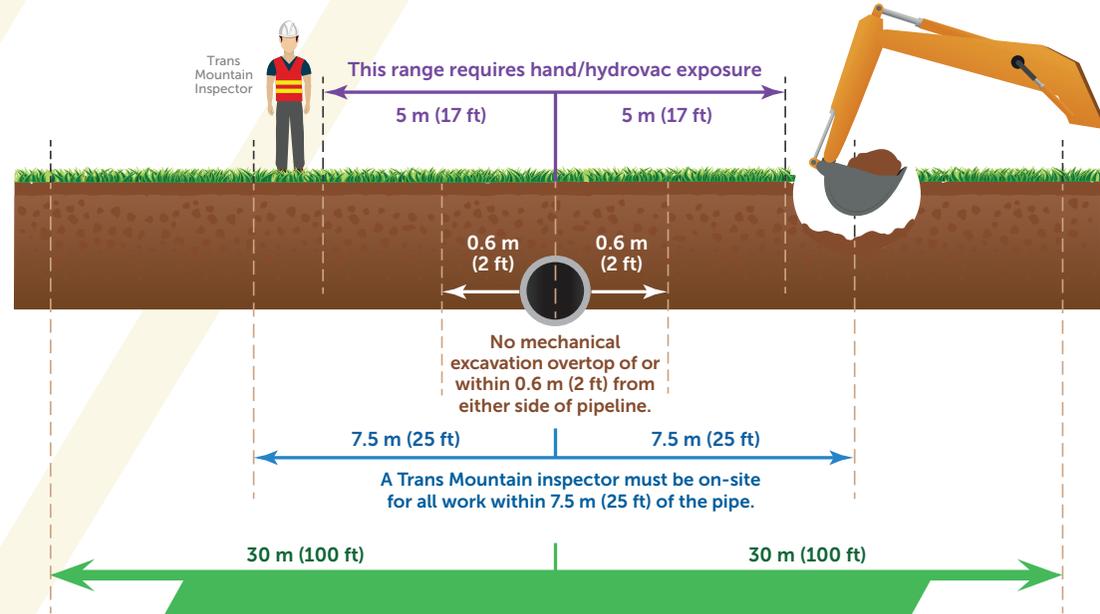


The prescribed area is regulated and extends 30 metres from the centre of the pipe. The prescribed area ensures the protection of pipelines from damage that may result from ground disturbance activities. Under Canadian

regulations, all ground disturbance activities in the prescribed area require written consent, in the form of a permit, from Trans Mountain before any work begins.

The existence of the prescribed area does not mean development of the land cannot occur within the 30-metre area. However, restrictions on land development apply to the right-of-way area. Please contact your local One Call centre at least three days prior to beginning your ground disturbance activity.

Pipeline Protection Zones



ClickBeforeYouDig.com

It's a Free Service!



Urban right-of-way landscaping project

Right-of-Way in Edmonton, AB



Before you begin any ground disturbance work, even on your own property, contact your local One Call centre to request the location of any underground utilities in the area.

At Planning Stage:

1.

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2.

Click on your province and complete a One Call notification.

3.

If your planned work is near our pipeline right-of-way, a Trans Mountain representative will call you back within three business days to discuss your proposed work and if required, meet you on-site to provide information to safely conduct your work.



Aerial view of urban right-of-way in residential neighbourhood

The One Call centre will require information, such as the planned start date of ground disturbance, an overview of your plans, how deep you'll be disturbing the ground, location of work and the duration. The details provided to One Call will be incorporated into a 30-metre permit issued for your proposed work, should a permit be required. If the job scope changes, work should stop and a new One Call placed with an updated job scope.

Any approved work undertaken within 7.5 metres of the pipe requires one of our Pipeline Protection Inspectors to be on-site to ensure the safety of our pipelines. Our inspectors have the authority to stop any work that may pose an imminent danger to the pipeline.



Trans Mountain's Written Consent and Types of Permits

Work within 30 metres from centre of the pipe

To ensure the safety of the public, property and the environment,

any ground disturbance activity to a depth of 30 centimetres or greater within the prescribed area (30 metres from the centre of the pipe) requires our written consent, in the form of a **Trans Mountain 30 Metre Permit**.

Ground disturbance activities may include digging, trenching, drilling, plowing, clearing and grading and other activities related to property improvement projects or other works. Through our 30-metre permit process, Trans Mountain will identify any potential impact of the proposed work to the pipeline and will outline requirements you need to follow to ensure the work can be completed safely.



While permanent above-ground structures, such as buildings or poles, are not allowed within the right-of-way area, certain improvements, such as underground utilities, roads, trails and driveways can be installed in accordance with our safety requirements.

Planning and Design One Call Ticket

If you are considering any improvements within the right-of-way that may require a longer lead time, we recommend you place a **Planning and Design One Call Ticket** in advance to ensure your works meet safety requirements. We will work with you and provide feedback as you plan, and determine if a **Pipeline Proximity (Crossing) Installation Permit (Proximity Permit)** is required.



A Proximity Permit

is typically required for installations or crossings within the right-of-way.

It is a continuation of the process, which starts with placing a One Call and requesting information about the location of underground infrastructure. You may be required to provide site and elevation drawings with your Proximity Permit application. Provided the application is complete, it will take up to 10 business days to be processed and a Proximity Permit issued. For more information visit our website at transmountain.com/permits.

Vehicle and Motorized Equipment Crossings

Crossing the pipeline with either a vehicle or other motorized equipment, when not driving on an existing road, requires our written consent.



Examples of vehicles and equipment include ATVs, snowmobiles, dump trucks, compactors, dozers, graders, loaders, excavators and wheeled or tracked construction vehicles and equipment.

Farmers operating agricultural vehicles across pipelines may do so if certain conditions are met. (See Agricultural Activities, page 10.)

Contact your local One Call centre to begin the process for a safety assessment a minimum of three business days before any proposed crossing.

Trans Mountain provides written consent in the form of a permit at no cost to you.

For detailed information about permitting visit: transmountain.com/permits

Activities Not Permitted on the right-of-way



For everyone's safety, we don't allow certain activities on the right-of-way. These include, but are not limited to:

- Constructing buildings, foundation walls, decks or concrete patios, or other structures, such as sheds
- Installing any type of swimming pools or hot tubs
- Using explosives
- Burning waste material
- Storing flammable materials, equipment or bulk goods
- Growing or planting large vegetation or trees – for more information about landscaping near our pipeline, please visit our website at transmountain.com/landscaping-guidelines

The mature growth of vegetation on the right-of-way must not exceed one metre within three metres of the pipeline and 1.8 metres on remaining portions of the right-of-way.

Agricultural Activities

Normal agricultural activity, at a depth less than 45 centimetres, is permitted over the right-of-way.

Agricultural activity includes any work of producing crops and raising animals and includes plowing, disking, harrowing and pasturing.

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It does not include the construction of new buildings or impervious areas or the placement of footings, foundations, pilings or posts, including fence posts.

Farming or deep tillage at a depth of 45 centimetres or greater can be a threat to the safety of the pipeline as well as you, your livestock, the public and the environment. If any deep tillage is planned, please notify us by calling your local One Call centre.

Right-of-Way

If You Come in Contact with the Pipeline

No matter how minor
the damage may appear, if you
come in contact with the pipeline,
you must immediately contact
our 24-hour emergency line at:
1.888.876.6711



NEVER COVER IT UP!

Even slight damage – a gouge, a dent, a scrape – can impact the structural integrity of the pipeline. Never attempt to repair it yourself.

It takes a qualified Trans Mountain technician to inspect and repair any damage.

In the case of an emergency excavation, notify the local One Call centre to request an emergency locate.



Consequences for Not Placing a One Call or Obtaining Necessary Permits

Those who live or work near pipelines are responsible for ensuring safe ground disturbance by Clicking or Calling Before You Dig, which will confirm whether you need our permission to complete your work.

Failure to notify us in advance through One Call services, obtain necessary permits or follow the instructions of our Pipeline Protection Inspectors may be subject to monetary penalties as per applicable regulations.

Unauthorized activities may cause property damage and negatively impact public safety and the environment.



Pipeline Safety

Although rare, pipeline spills require immediate action and caution.

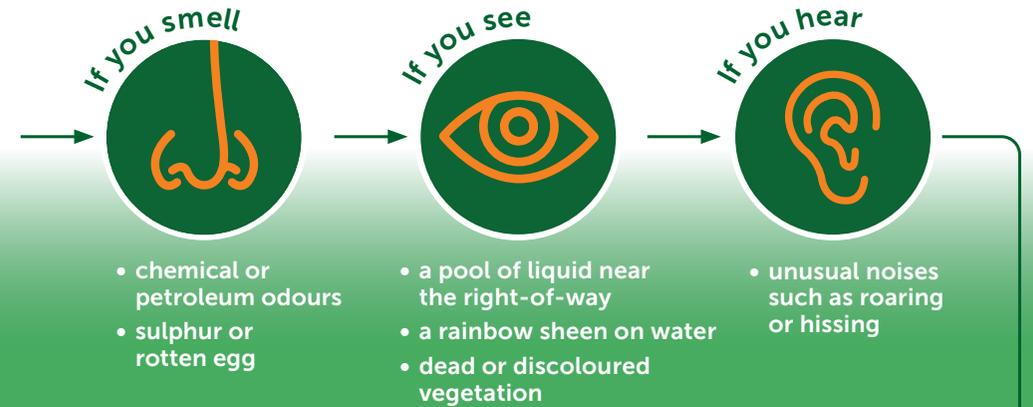
There are potential hazards associated with an unintended release from the pipeline.

Products may be flammable and explosive under certain conditions, and inhalation of vapours may cause irritation to the upper respiratory tract.

For more information about hazards, visit:

transmountain.com/pipeline-safety

How to Recognize a Pipeline Emergency



LEAVE AREA immediately, on foot and upwind

- Abandon any mechanized equipment being used in or near the area
- Call Trans Mountain's 24-hour emergency line 1.888.876.6711
- Warn others away
- Eliminate ignition sources (keyless door entry, cell phone or flashlight)
- Turn off vehicle engines

DO NOT: Re-enter the area

- Ring door bells or metal knockers; knock with your hand to avoid sparks
- Operate pipeline valves
- Touch any liquid or vapour
- Start your vehicle or drive into the release location or vapour clouds while leaving the area
- Try to extinguish any fires associated with the release; wait for trained professionals

Public Safety



In the unlikely event of an emergency, we will ensure all affected stakeholders are notified promptly. We will work with local first responders to provide appropriate emergency communications and make sure that public protection measures are being taken.



The most common immediate response actions for pipeline emergencies are shelter-in-place or evacuation. The decision to take either action is based upon multiple factors, including location of the emergency, potential exposure during evacuation, anticipated duration of the emergency and advice from emergency responders and/or Trans Mountain representatives.



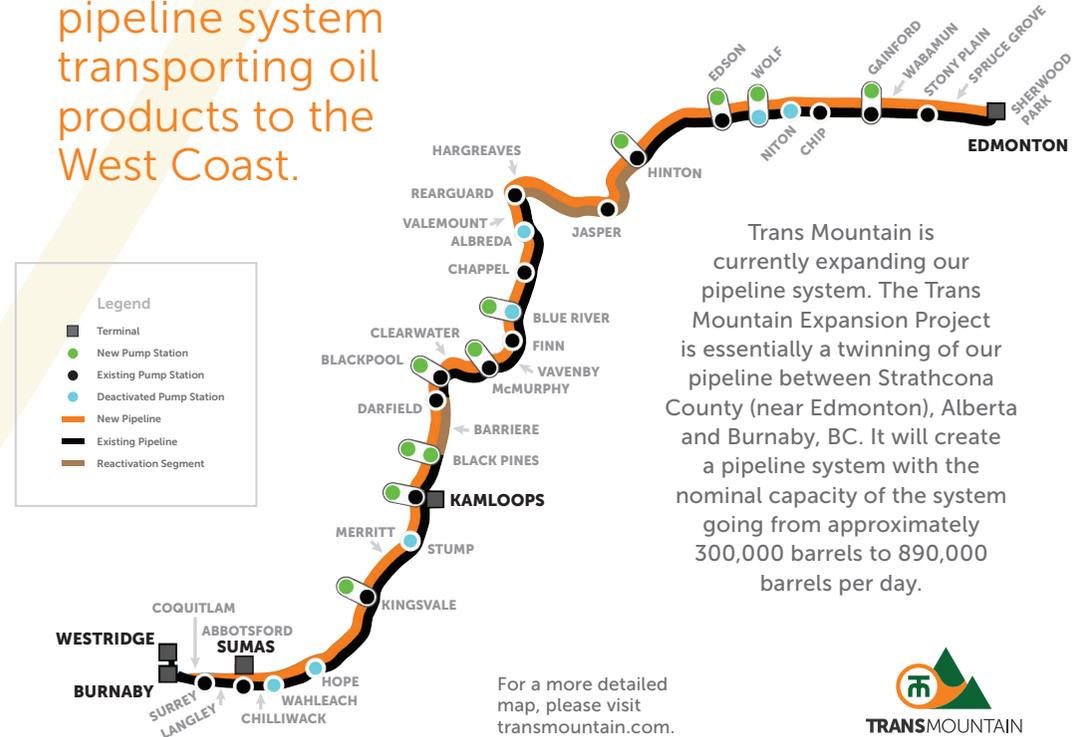
Learn more about our robust program:

transmountain.com/emergency-management

About Trans Mountain

For more than 65 years, we have been operating Canada's only pipeline system transporting oil products to the West Coast.

We deliver approximately 300,000 barrels of petroleum products each day through 1,150 kilometres of pipeline in Alberta and British Columbia, and 111 kilometres of pipeline in Washington state.



For a more detailed map, please visit transmountain.com.

Trans Mountain is currently expanding our pipeline system. The Trans Mountain Expansion Project is essentially a twinning of our pipeline between Strathcona County (near Edmonton), Alberta and Burnaby, BC. It will create a pipeline system with the nominal capacity of the system going from approximately 300,000 barrels to 890,000 barrels per day.



Damage Prevention is a
Shared Responsibility:

**Click
Before
YouDig.com**

BC 1 Call
1.800.474.6886

Alberta
One-Call
1.800.242.3447



Pipeline Emergency?
Call 911 and
1.888.876.6711

Pipeline Protection Department:
1.888.767.0304
info@transmountain.com

Trans Mountain Permit Technicians

- Alberta:
permits_ab@transmountain.com
- BC and Washington state:
permits_bc@transmountain.com

transmountain.com



TRANSMOUNTAIN

Committed to safety since 1953.

Trans Mountain is federally regulated in Canada by the Canada Energy Regulator. Any individual or organization working on or near our pipelines or facilities must adhere to all applicable regulations. For more information, visit cer-rec.gc.ca.