



If you hit a pipeline, stop work and notify the owner immediately. Hidden damage could cause a future pipeline failure.

The information in this brochure is intended for use as a guide only. Consult the *Pipeline Act* and the *Pipeline Regulation* for the exact wording of these requirements.

For more information, about the AER, contact:

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If you will be working *within* the pipeline right-of-way, you must



1. get written approval from the pipeline owner before you dig;



2. call the pipeline owner at least two full working days before you dig, so the pipeline can be located and marked before you dig;



3. expose the pipeline by hand (hydrovac is acceptable) before digging with machinery within 5 m of the pipeline, requesting attendance of pipeline owner;



4. ensure that NO machinery is used to dig within 60 cm of the pipeline or any distance underneath the pipeline without the supervision of the pipeline owner; and



5. call the pipeline owner at least one full working day before you cover any exposed pipeline.

Remember

The excavator's responsibilities are to

- search 30 m beyond the dig area;
- check records for the existence of pipelines;
- obtain written permission if working within the pipeline right-of-way;
- call pipeline owner at least two full working days before you dig, so the pipeline position can be marked;
- erect temporary fencing along the right-of-way, if needed;
- construct proper crossings to allow access over the right-of-way, if needed;
- hand expose pipeline before using machinery within 5 m, requesting attendance of pipeline owner;
- not use machinery to dig within 60 cm of pipeline, unless supervised by the owner; and
- call the pipeline owner at least one full working day before covering any exposed pipeline.

The pipeline licensee's responsibilities are to

- provide pipeline information upon request;
- provide reasonable assistance to anyone carrying out a ground disturbance;
- mark the position of the pipeline before a ground disturbance takes place;
- be present, if asked, during hand exposure;
- inspect the pipeline for damage prior to backfilling and keep a written record of this inspection;
- supervise any mechanical excavation taking place within 60 cm of the pipeline or under the pipeline; and
- provide all assistance without cost.

Requirements for Landowners and Industry

Safe Excavation Near Pipelines



If you are planning to create a ground disturbance, read this brochure carefully

Ground disturbance includes such activities as excavating, digging, trenching, plowing, drilling, tunnelling, augering, backfilling, blasting, stripping topsoil, levelling, removing peat, quarrying, clearing, grading, or pounding posts.

These actions are all defined as “ground disturbances” in the *Pipeline Act* and the *Pipeline Regulation*. Careless construction near pipelines can cause serious accidents—and cost you a lot of money—if you do not follow proper pre- and post- construction procedures.

Exceptions

Two situations do not qualify as ground disturbances:

1. Land disturbances of less than 30 centimetres (cm) that do not reduce the pipeline cover to less than that when first installed, and
2. Normal cultivation that does not exceed a 45 cm depth.

The requirements in this brochure apply to all pipelines in Alberta that are licensed by the Alberta Energy Regulator (AER). These include

- operating pipelines,
- discontinued pipelines, and
- abandoned pipelines.

Pipelines under the jurisdiction of the National Energy Board and the Rural Utilities Branch have their own requirements that must be followed.

If you are planning to carry out a ground disturbance anywhere, you must

- **search for pipelines** for a distance 30 metres (m) beyond the entire perimeter of the area in which you plan to dig, and
- **visit clickbeforeyoudig.com** to request the location of any buried services.

Note that not all underground services are registered on the One-Call system; do not assume that they are!

Other methods to search for pipelines:

- Call the AER to check area records for the existence of pipelines.
- Check with local utility providers.
- Check the land title for the easements or rights-of-way.
- Look for pipeline warning signs near the site. Signs are typically found at road or water crossings.
- Look for wells, tanks, valve stations, and meter stations, which might indicate the presence of pipelines.
- Look for ground settling from previous work.
- Talk to nearby residents and landowners.

Note that in this brochure, the term “dig” includes any of the activities identified as a ground disturbance.

Determine where your project will be in relation to the existing pipeline

What is a controlled area?

A pipeline’s controlled area is the land bordering it for 30 m along each side, measured from the centre of the pipeline.

What is a right-of-way?

A pipeline right-of-way is the land allocated for the pipeline and its maintenance as set out in the agreement between the landowner and the pipeline company. The right-of-way is usually less than the 30 m controlled area, but it may sometimes be more.

The width of the right-of-way should be identified on the title or easement.

Do not assume that the pipeline is in the middle of the right-of-way.



If you will be working in the controlled area *outside* the pipeline right-of-way, you must



1. call the pipeline owner at least two full working days before you dig, so the pipeline can be located and marked before you dig, and



2. install temporary fencing, if necessary, to restrict heavy equipment from operating over the pipeline.