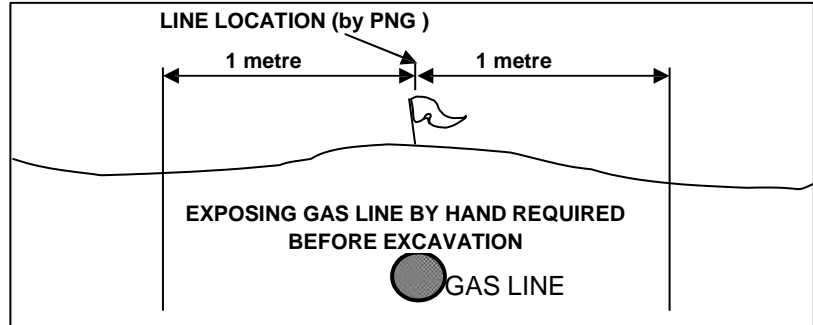


## STEP 1: CALL BEFORE YOU DIG

"A MEMBER OF THE BC ONE- CALL SYSTEM"

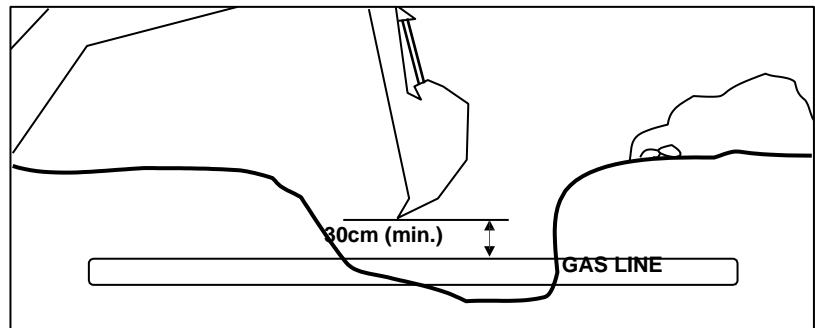
Provincial Regulations make it mandatory that the location of all underground pipelines, cables, and conduits be established and marked in an area where there will be excavation. PNG is part of the BC One-Call system. In accordance with WorkSafeBC regulations and the Gas Safety Act, the contractor or homeowner remains responsible for locating the underground lines prior to excavating. To request a gas line location from us, call **1-800-474-6886** or go to **info@bc1c.ca** at least two full working days before your planned excavation.

**BE SAFE INSTEAD OF SORRY.** Sometimes mix-ups happen. If we have not contacted you within three working days of your location request, don't assume the area is clear of gas lines. Please call us again to make confirm there hasn't been confusion of some kind. Your safety and the safety of others is too important to allow it to be the victim of an assumption.



## STEP 2: HAND EXPOSE THE GAS LINE

Do not excavate with mechanical equipment within one (1) metre of a gas line without first exposing the line by hand digging. Pipelines may change direction, so expose the pipeline by hand at enough locations to make sure it's where you think it is before using mechanical equipment. Once the gas line has been exposed by hand-digging, mechanical equipment may be used to dig carefully in the vicinity of the line - **but no closer than 30 cm!**



## STEP 3: DIG CAREFULLY & SAFELY

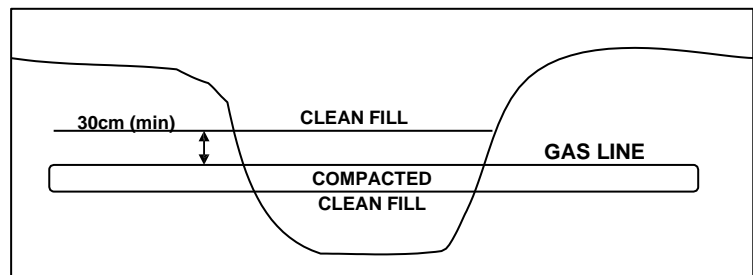
Sometimes a gas line is exposed by hand-digging and then damaged once mechanical equipment is used to complete the excavation. Observing the following points can help to ensure that you are not the victim of such damage:

- > Be careful not to move or alter any stakes or flags that mark the gas line location - if this happens, DON'T GUESS! Be safe, request another locate.
- > If you will be digging in an area away from where the gas line is exposed, don't assume there are no other lines unless we have indicated that our locate covers that area as well.
- > Don't use mechanical excavating equipment within 30 cm of a gas line even after it's been exposed - sometimes there are fittings on the line that you can't see and, even if you are careful, the lines can be scratched or punctured.
- > Make sure the person operating the equipment understands where the gas lines are and where it is or is not safe to dig. It is strongly recommended you have a helper present at the edge of the excavation to watch for pipelines that the operator might not see and to warn when the operation is getting too close for safe excavation.

## STEP 4: BACKFILL WITH CARE

Gas lines can be broken from the weight of backfill material if care is not taken. Even if the line isn't broken, the protective coating may be damaged, and corrosion may occur in the future. Follow these basic guidelines when backfilling around a gas line:

- > Make sure the pipe is properly supported underneath by clean compact fill.
- > Make sure fill material that has rocks, sharp objects or frozen dirt does not come in contact with the pipe or pipe coating - padding with clean fill for a minimum of 30 cm on top of the pipe may be required to achieve this.
- > Even if the pipe is padded, place but don't dump backfill material over the pipe to prevent stress on the gas line while backfilling is being completed.



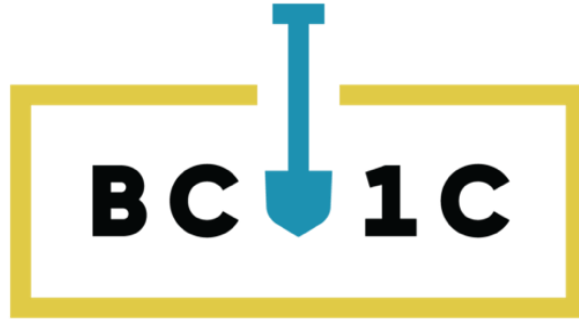
Remember - any damage to the pipe, its coating, or tracer wire must be reported to PNG immediately. **Even if you don't smell or hear escaping gas, the line may be leaking at a point away from the actual damage.**

## EMERGENCY INFORMATION

If an PNG pipeline is damaged during an excavating procedure:

1. Clear people from the vicinity and prevent people from approaching the area from which gas is escaping.

2. Shut off all vehicles and equipment and remove or extinguish all other potential sources of ignition. Do not smoke or allow open flame anywhere near the site.
3. Call PNG immediately at **1-800-663-1173**.
4. Do not attempt to stop the flow of gas if you are not qualified to do so. Do not attempt to extinguish a gas fire until control of the gas flow has been achieved unless it is necessary for rescue or to prevent injury.



**Locate Requests: 1-800-474-6886 or [info@bc1c.ca](mailto:info@bc1c.ca)**

## **RULES FOR EXCAVATION - MAINS & SERVICE LINES**

Consent to crossing and/or excavation is hereby given subject to the applicant's compliance with the terms and conditions on this form.

1. Pacific Northern Gas Ltd. (PNG) pipeline must be exposed by hand digging before the use of mechanical excavation equipment is permitted within one (1) metre of the pipeline. Mechanical equipment must not be used within 30 cm of the pipeline, even after hand exposure.
2. There must be at least thirty (30) centimetres clearance between the bottom of PNG pipeline(s) and the top of the crossing pipeline(s) or works.

## **RULES FOR EXCAVATION - HIGH PRESSURE LINES**

1. Written consent must be obtained from PNG prior to excavation within the pipeline right-of-way, this locate record does not constitute such written consent.
2. Prior to commencement of any work in the proximity of the gas lines, PNG must be informed so that our personnel may witness the following operations:
  - a. Initial exposure of company pipelines
  - b. Inspection of same prior to backfill
3. The PNG pipeline must be exposed by hand digging before the use of mechanical excavation equipment is permitted within five (5) metres of the pipeline. Mechanical equipment must not be used within 60 cm of the pipeline, even after hand exposure.
4. Representatives of PNG must be on site to inspect all excavations within the pipeline right-of-way.

## **ALL EXCAVATIONS**

1. The Applicant shall indemnify PNG and save PNG harmless from all manner of action, suits, debts, claims or demands which may occur as a result of the Applicants crossing or excavation of PNG pipelines.
2. The Applicant is responsible for all damages to PNG facilities that result from the activities of the Applicant.

3. ALL LOCATIONS MARKED are APPROXIMATE only.
4. All coating damage to natural gas lines must be reported and will be repaired free of charge. Please contact PNG during normal work hours at 1-800-667-2297.
5. Gas lines may be relocated at the property owner's expense.
6. Asbestos advisory: Some pipeline coatings contain asbestos. If you encounter fibrous, paper-like coating when hand-exposing a pipeline, cease work immediately and contact PNG at 1-800-667-2297.

### **Contractor to Remove Flags After Excavation**

**CAUTION: IT IS UNLAWFUL TO BUILD ANY STRUCTURE OVER GAS LINES**

### **LIFE SPAN OF THE LOCATE**

Subject to the conditions below, your locate may be valid for 30 days!

- a. The ground disturbance has commenced within 14 days of the original locate completion.
- b. The original locate marks must be visible or the ground disturber must provide more permanent markings or references or the facility has been hand or hydro-vac exposed.
- c. Ground disturber's activity at the site has not been interrupted except for a maximum 4 calendar day period over weekends or if weather dictates longer interruptions.
- d. Ground disturber's presence at the site remains evident during such interruptions.

For further details on the Damage Prevention Process in BC, visit: <https://www.bc1c.ca/>

**UNDER ALL OTHER CIRCUMSTANCES THIS LOCATE IS VALID FOR 14 DAYS OR UNTIL MARKINGS HAVE CHANGED OR BECOME OBSCURED.**