

# blowdown notification

TransCanada will soon perform routine maintenance on our natural gas pipeline in your area. As part of this work, you may hear a particularly loud noise known as a "blowdown."

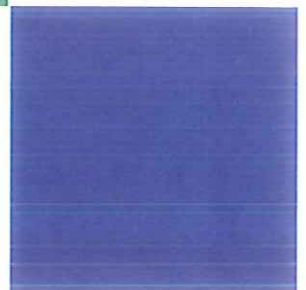
A blowdown is the act of releasing natural gas from a section of pipeline so work can be done safely. TransCanada employees will close several valves to isolate that section of the pipeline and then open a blowdown valve to release any natural gas. A loud roaring sound occurs when the natural gas, which is compressed into the pipe at very high pressure, escapes through the opening. The gas extends upward in a plume to between 30 and 60 metres (100 to 200 feet) high.

The sound during a blowdown can be as loud as an airplane engine and may last up to 20 minutes. As the flow of gas gradually slows down, the noise also lessens. The entire blowdown may last up to three hours.

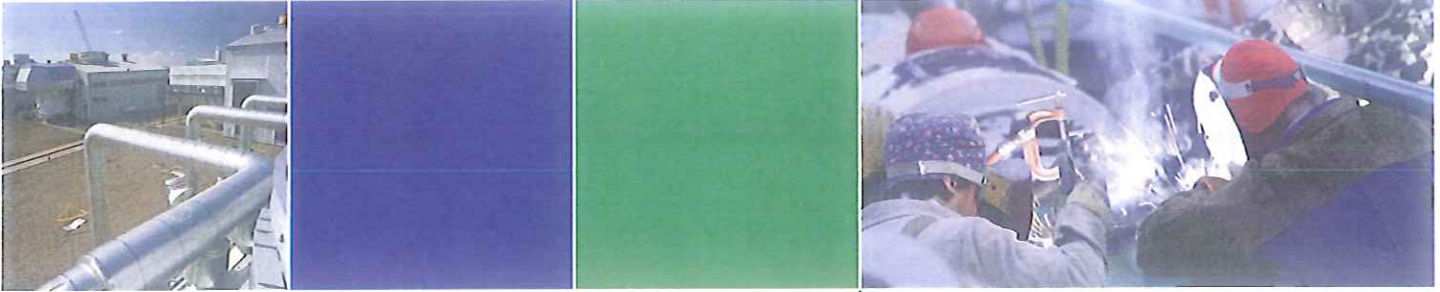
After the natural gas is released, a funnel-shaped air expeller is placed on top of the blowdown valve opening, which draws any remaining gas out of the pipe and makes it absolutely safe for activities such as welding.

At TransCanada, the safety of the public and our employees is a priority. Wherever possible, TransCanada personnel employ silencers to minimize the noise during a blowdown. They may also direct traffic or block off access on public roads to ensure the public stays at least 30 m away from the work site.

Continued...



## blowdown notification



Once maintenance on the pipeline is complete, workers begin bringing the line back into service. The first step is to remove air from the pipeline. New gas is sent into the line until the pressure reaches about 200 kPa (30 psi), at which time the blowdown valve is opened again and air in the pipeline is purged. There can be some noise for a short time. Once all the air is removed from the pipe, the blowdown valve is closed. The line is then pressurized to its normal operating pressure.

Blowdowns of different types occur regularly along our pipeline. They are part of the safe maintenance and operation of our facilities. We recognize they can be an inconvenience for our neighbours and do everything we can to minimize the effects. On the day of the blowdown, if you live within 750 m of where the work will occur, a TransCanada representative will visit you to provide further details on the process.

If you have any questions or require further information, please contact your local TransCanada representative.

### Blowdown details

Date: JUNE 7, 2017

Time: BETWEEN 7AM & NOON 1/2 HOUR DURATION

Land location: NE36-66-25W5

TransCanada Land Agent: BRENT CLAIR

Phone number: 780-834-8243

Onsite Technician (Blowdown Coordinator): MIGUEL LAYBOURNE

Cell number: 780-832-3192

Other details: SWEET GAS, NO H2S LOAD.

### Regulatory Comment

TransCanada facilities are regulated by the Alberta Energy and Utilities Board (EUB) and the National Energy Board (NEB). The regulators work with TransCanada to ensure our pipelines are constructed, tested and operated safely. Both the EUB and NEB have employees available for inquiries and to assist or advise landowners and occupants regarding pipeline problems.

If you have questions or concerns, please contact TransCanada first.

### General inquiries:

450 First Street S.W.

Calgary, Alberta T2P 5H1

1.800.661.3805

(weekdays 7:30 a.m. to 5 p.m. MST)

[www.transcanada.com](http://www.transcanada.com)

In case of a pipeline emergency, call:

1.888.982.7222

September 2006