

# in-line inspection



TransCanada is committed to the health and safety of our neighbours, communities, employees and the environment. We have a comprehensive Pipeline Maintenance Program in place to help us meet this commitment.

A key part of our Pipeline Maintenance Program is a procedure called in-line inspection, also referred to as "pigging." During this procedure we look for locations where corrosion may have occurred on our pipeline. Specialized internal inspection devices called "smart pigs" travel through the pipeline collecting data that is then analyzed to determine if there are areas of concern requiring further investigation.

In-line inspection involves the passage of three different "pigs" through the piece of the pipeline scheduled for inspection. These pigs pass through the pipeline neither disrupting the flow of the natural gas nor the land through which these pipelines pass.

The first pig cleans out any debris that may have accumulated in the pipe. The second pig is a sizing tool that ensures the next pig – the "smart pig" – will be able to travel through the pipeline without being damaged or becoming stuck.

The smart pig then measures the wall thickness of the distance of pipeline being inspected. The data collected by the smart pig is then analyzed. If there is a problem with the pipe, TransCanada will locate the problem and repair or replace the affected section of pipe.

TransCanada hires a company to track the pigs. They install temporary above-ground markers every two to five kilometres (one to three miles) along the pipeline that are triggered when the pig passes beneath them. The trackers monitor the speed of the pigs and the above-ground markers determine the progress of the pigs at road crossings.

The length of the pipeline being inspected may require the pigging operation to go through the night. If this is the case, landowners may notice vehicles from the tracking companies parked with their flashers on at the pipeline/road crossing. Once the pig has passed, the tracker leaves for the next monitoring site.

After the pig run is complete and the data is analyzed, landowners will be contacted if the pipeline requires investigative digs, repairs or replacements.

During TransCanada's in-line inspection activities, please do not move or disturb the above-ground markers or the survey stakes used to mark their exact location.

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

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