



Maintenance digs

A critical component in preventing pipeline incidents

Our goal at Enbridge is, and will always be, the prevention of all incidents. Prevention is a key element of our multi-pronged approach to pipeline and facility safety—and preventative maintenance digs are a critical component of our prevention program.

\$5.18 billion

From 2012 through 2016, we invested \$5.18 billion (USD and CAD) on maintenance, inspection and leak detection across our crude oil pipeline infrastructure. This ongoing preventative maintenance program is the most extensive in the history of the North American pipeline industry.

Why is a maintenance dig initiated?

Ultra-high-tech inspection tools monitor both the interior and exterior of our pipes. When data from these inspections indicate a change, or anomaly, that requires a closer look, we undertake a maintenance dig to physically examine the integrity of the pipe segment and determine if a repair or other action is needed. Anomalies that have been known to require repair in the past include damage from third-party excavation, corrosion, cracking or denting.

What happens during a maintenance dig and how long does it take?

See the reverse of this fact sheet for a step-by-step depiction of the maintenance dig process. Depending on the results of the physical inspection, a maintenance dig can take from two days to two weeks to complete.

If a maintenance dig is required, what will the community see?

Communities can expect to see construction activities and additional traffic on local roads as we stage equipment and resources to support the maintenance dig. Traffic plans and appropriate signage will be in place if needed.

How do you notify landowners of a maintenance dig?

An Enbridge representative will seek to contact the landowner a minimum of seven days in

advance of any work being conducted. We'll then work with the landowner to arrange for land access, discuss estimated compensation for potential impacts, determine a preferred work schedule, review environmental and safety considerations, provide Enbridge contact information, address other questions and property-specific concerns.

In certain areas, temporary workspace next to the permanent easement may be required for equipment or soil storage. If so, Enbridge will discuss arrangements with the landowner in advance of work activities. Our goal is to return all lands back to their original state once work is completed.

In situations where the pipeline requires immediate attention—and attempts to contact landowners in advance are unsuccessful—access and work will proceed in order to minimize potential hazards.

How does Enbridge protect the environment?

We conduct an environmental assessment on all dig locations prior to starting work and develop measures to minimize or eliminate environmental impact. An assessment is also completed one year after site reclamation, to ensure the land has been returned to its original condition.

The Seven Steps of a Maintenance Dig

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Here are the steps involved in this critical maintenance process:

