



# Weed management and biosecurity

Managing risk before, during and after pipeline construction

We understand the importance of your land and the impact invasive weeds and crop disease can have on your livelihood. At Enbridge, we're committed to effectively managing the risks associated with the potential spread of pathogens and weeds during pipeline construction with our thoroughly researched, industry leading biosecurity plan.

## How do you know if biosecurity measures are necessary at a construction site?

We perform records reviews and weed surveys – and in some instances, soil sampling – prior to construction to identify species and the extent of infestation.

## Can your construction equipment spread crop diseases or weeds from one site to another?

All of our equipment will arrive on site clean and free of weeds, soil and debris. Where warranted, cleaning stations may be set up.

## How do you prevent the spread of disease within a site?

We may set up cleaning stations to wash and disinfect our construction equipment, depending on the level of risk.

## What happens after construction is finished?

We continue to monitor the pipeline right-of-way for any new weed infestations following construction.



> Enbridge is committed to working with landowners to help control weeds and soil-borne pathogens, such as clubroot and soybean cyst nematode, on any land affected by pipeline construction.

### **An industry-leading biosecurity plan**

Biosecurity is a set of measures designed to reduce the introduction of weeds and pathogens onto a property and to minimize their spread within the property and beyond.

Before, during and after construction, we will work with landowners along the pipeline right-of-way to help control weeds and soil-borne pathogens, such as clubroot and soybean cyst nematode, on any land affected by pipeline construction.

#### **Before construction**

In consultation with landowners, provincial agriculture departments, researchers, and industry experts, we'll establish a biosecurity plan. This will include effective mitigation strategies to prevent the potential spread of weeds and pathogens during pipeline construction, and we'll also identify locations for cleaning stations.

#### **During construction**

We educate our construction crews about weed and pathogen management through a series of environmental orientations. Construction equipment will arrive on site clean and free of weeds, soil and debris.

Mitigation strategies we then put into action are based on the level of risk.

Where there's a known presence of soil-borne pathogens, Enbridge will set up a cleaning station to fine-wash and disinfect equipment used for high-risk activities, such as topsoil stripping.

Where there's a known presence of problematic or regulated weed species, we will clean equipment by hand and/or with compressed air, to remove fine particles such as weed seeds or soil debris.

Where there are no known biosecurity risks, we will not perform any additional cleaning.

Areas identified with noxious and invasive weed infestations will be marked with flags prior to clearing, topsoil salvaging and grading. We will minimize the amount of construction equipment used and the frequency of its movement through weed-infested areas.

Topsoil windrows will be monitored for weed growth and if necessary we'll take corrective action – such as hand pulling, mowing or using selective, non-persistent herbicides.

#### **Post-construction measures**

Enbridge will consult with landowners and the appropriate regulatory authority to determine an appropriate seed mix for the area. We use only Certified No. 1 agronomic seed and we retain the certificates of analyses.

As part of our post-construction weed monitoring program, we keep a close eye on the construction right-of-way for any new weed infestations. With landowner approval, we'll launch vegetation and weed management to control new weeds on the right-of-way.