



WORKING WITH TRANS MOUNTAIN

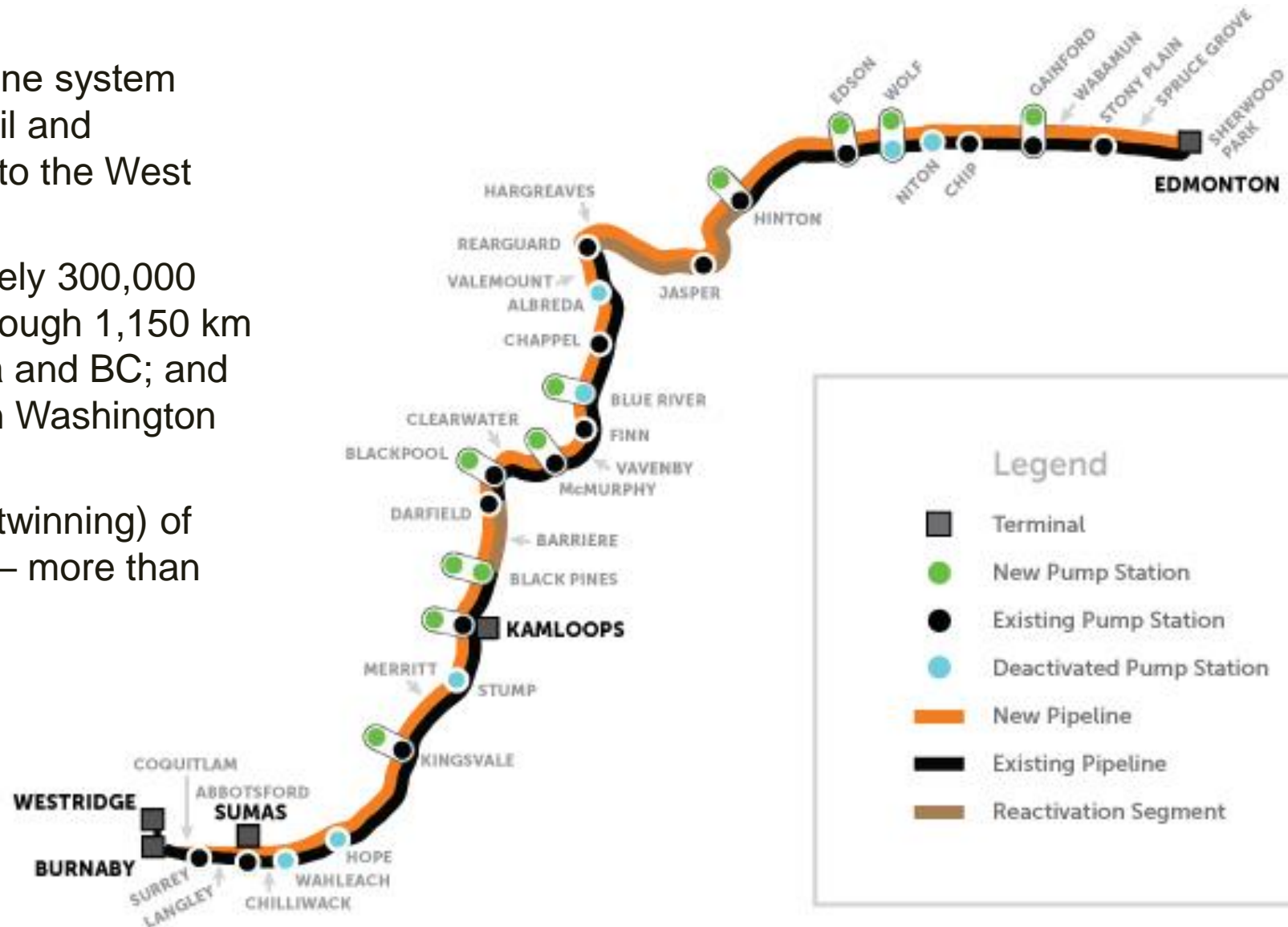
BC Construction Health & Safety Conference
October 2023



Trans Mountain Pipeline System



- Canada's only pipeline system transporting crude oil and petroleum products to the West Coast
- Delivers approximately 300,000 barrels each day through 1,150 km of pipeline in Alberta and BC; and 111 km of pipeline in Washington State
- Current expansion (twinning) of the existing system – more than 90% complete



Trans Mountain Pipeline System Capacity

Current Pipeline Capacity: 47.7 million litres or 300,000 barrels per day

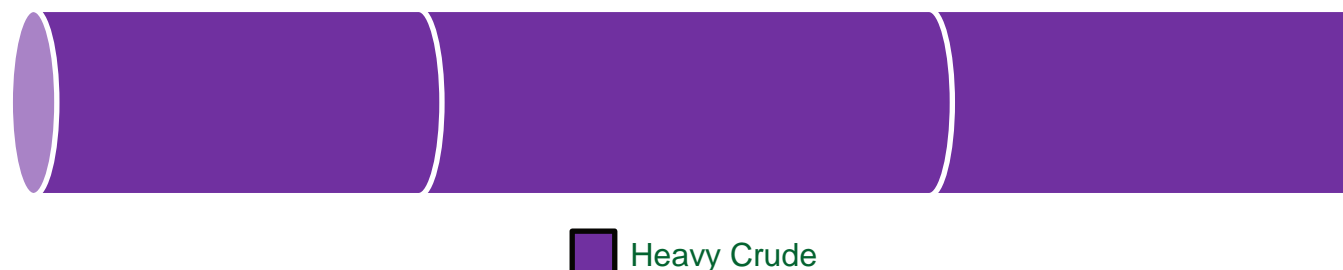


Post-Expansion Pipeline Capacity: 141.5 million litres or 890,000 barrels per day

Line 1 (24 inch)

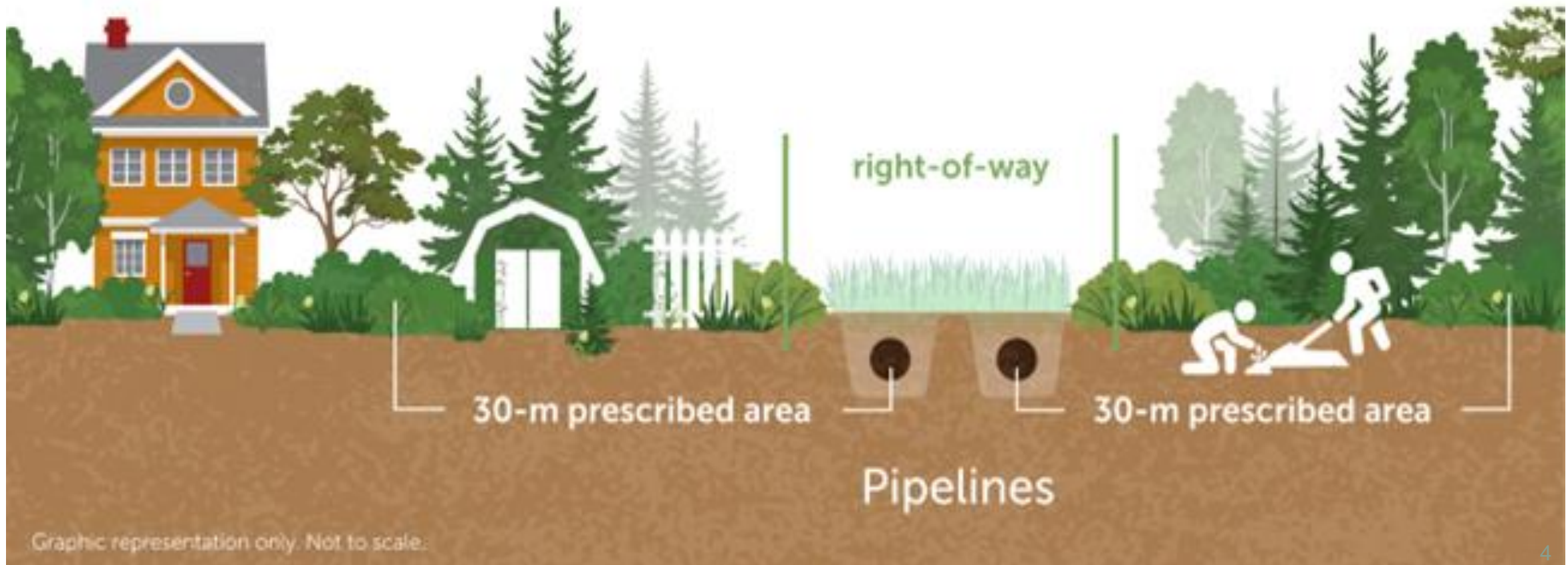


Line 2 (36 inch)



Canada Energy Regulator (CER)

- Federally regulated by CER under Damage Prevention Regulations
- Trans Mountain must provide written consent for works within the prescribed area, 30m on either side of the pipe centerline



How do I know where the pipeline is?

- Pipeline markers – **approximate** location
- High-level map at www.transmountain.com
- **Contact One Call or Clickbeforeyoudig.com**



Contact Us through One Call



**Click
Before
YouDig.com**

**Contact your local One Call service 3 business days prior to
your planned ground disturbance activities**

Trans Mountain Permits



30M Permit

- All work within 30M of pipeline, including:
 - Excavation
 - Drilling, digging, driving objects into the ground
 - Stump grinding
 - Installing irrigation systems or ditching
 - Vehicle and equipment crossings*

Proximity Permit

- Installing anything of a permanent nature in the right-of-way:
 - Roads, driveways, trails
 - Fences or posts
 - Signs (realtor, political, property development)
 - Landscaping
 - Underground Utilities

Permits must be accompanied by valid One Call Ticket

Vehicle and Equipment Crossings

- Crossing right-of-way outside established roadway is considered a type of ground disturbance and requires safety assessment by Trans Mountain
- Examples of vehicles/equipment that require written consent:
 - Excavators
 - Compactors
 - Dozers
 - Graders
 - Loaders
 - Trucks and trailers
 - ATVs & snowmobiles
 - Wheeled or tracked construction vehicles and equipment



Emergency Works

- Hazards to buried utilities during adverse weather events, such as floods, wildfires, mudslides, as well as in the recovery phase
- Trans Mountain pipeline is a critical piece of infrastructure and our priority is to ensure continued delivery of safe and reliable energy
- Remember to contact BC 1 Call three days in advance; **emergency ticket option available by phone for urgent work**





WORK SAFE!

- ✓ Call or Click Before You Dig
- ✓ Ensure permits are in place and on-site before work
- ✓ Follow instructions of Trans Mountain representative
- ✓ Inform all persons who work on your behalf
- ✓ If you come in contact with pipe, stop work and call us immediately

In the event of a pipeline emergency

If you smell



You may smell:

- chemical or petroleum odours
- sulphur or rotting egg smell

If you see



You may see:

- a pool of liquid
- rainbow sheen on water
- dead or discoloured vegetation

If you hear



You may hear:

- unusual noises such as roaring or hissing

Actions to take

- ✓ Leave the area immediately
- ✓ Move upwind and then crosswind
- ✓ Warn others to stay away
- ✓ Do not use cell phones or operate machinery, equipment or vehicles
- ✓ Call Trans Mountain's Emergency Line 1-888-876-6711 and 911 when a safe distance away
- ✓ Follow the instructions of Trans Mountain personnel and/or emergency responders