

The Tar Sands Come To Toronto



ALL PAIN – NO GAIN

Alberta Tar Sands

- Biggest source of industrial greenhouse gas emissions in Canada
- Causing illness in First Nations and other communities living near the tar sands
- Significant threat to the Athabasca River, fish and wildlife
- Long-term climate threats: extreme weather, loss of coastal areas, desertification, species loss, climate refugees – flooding in Calgary



Unconventional Crude

- Traditional Crude Oil comes out of the ground as a liquid into pipes connected to refineries.
- Due to the shortage of Traditional Crude, oil companies are using a variety of other methods to extract oil, including excavation and fracking.
- The resulting Unconventional Crude is a volatile mix of chemicals that are dangerous to transport but very profitable to export.

What is Dilbit?

- Tar Sands bitumen (like asphalt) is mixed with a nasty mix of volatile and corrosive liquids in order to flow in pipes (Diluted Bitumen)
- Bitumen is one of the Unconventional Oils which also includes Bakken Crude
- Diluted Bitumen (DilBit) is more likely to spill, is more dangerous to human health, and harder to clean up than normal crude oil
 - In the open, the volatile liquids evaporate (if they don't explode), creating toxic cloud that can cause headaches, rashes, nausea (Contains Benzene – a known carcinogen)
 - Bitumen more likely to sink than “regular” oil, meaning traditional spill clean up doesn't work

Unconventional Crude for Export



The original plan before the oil industry began breaking it into small pieces in order to hide their intentions.

Spilling the Truth

- The two largest pipeline spills in US history were caused by Dilbit:
 - Marshall, Michigan:
Enbridge pipeline – July 25, 2010
 - 3 million litres of DilBit
 - Mayflower, Arkansas:
Exxon pipeline – March 2013
 - 1.59 million litres of DilBit
- Both spills were from pipelines identical in size and manufacture to Line 9



Kalamazoo River Spill

- Marshall, Michigan - Sunday July 25th, 2010 – biggest inland oil spill disaster in US history
 - Enbridge Line 6B spills into Talmadge creek, running into the Kalamazoo River (35 mile-long spill)
 - 3 million litres of DilBit spilled over 17 hrs until Enbridge shut off flow
 - Enbridge called “Keystone Kops” for how spill handled
 - Has so far cost nearly \$1 billion to clean up
 - Some bitumen will remain at the bottom of the river forever



DilBit Kills



On July 6, 2013 an unattended 74-car freight train carrying another Unconventional Crude from North Dakota broke loose and derailed, resulting in an explosion and fire. Forty-seven people died in Lac Megantic. More than 30 buildings in the town's centre, roughly half of the downtown area, were destroyed. Initial newspaper reports described a 1 km blast radius.

It was the deadliest rail disaster in Canada since 1864.

The train travelled through the heart of Toronto on its way to Lac Megantic.

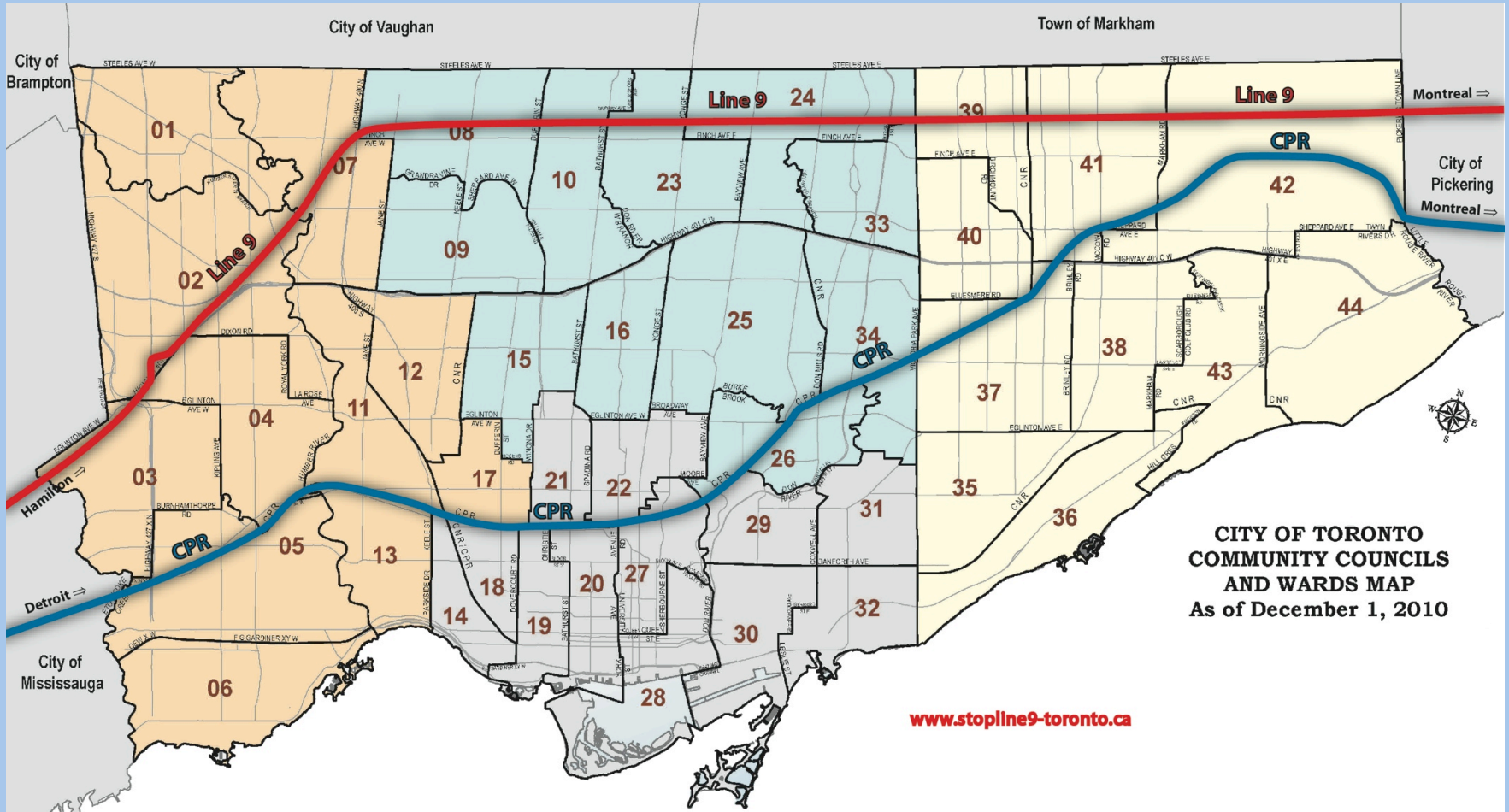
Line 9 Danger: A History of Neglect



Line 9 Exposed in the Rouge River

- From 1999-2010, Enbridge had 804 spills
- Line 9 in Toronto is forty years old
- In 2012, Line 9 was found fully exposed in the Rouge River. Enbridge knew about it for years (*Environmental Defence)
- Enbridge was recently reprimanded for not having safety shutoff switches at 94% of its 125 pumping stations

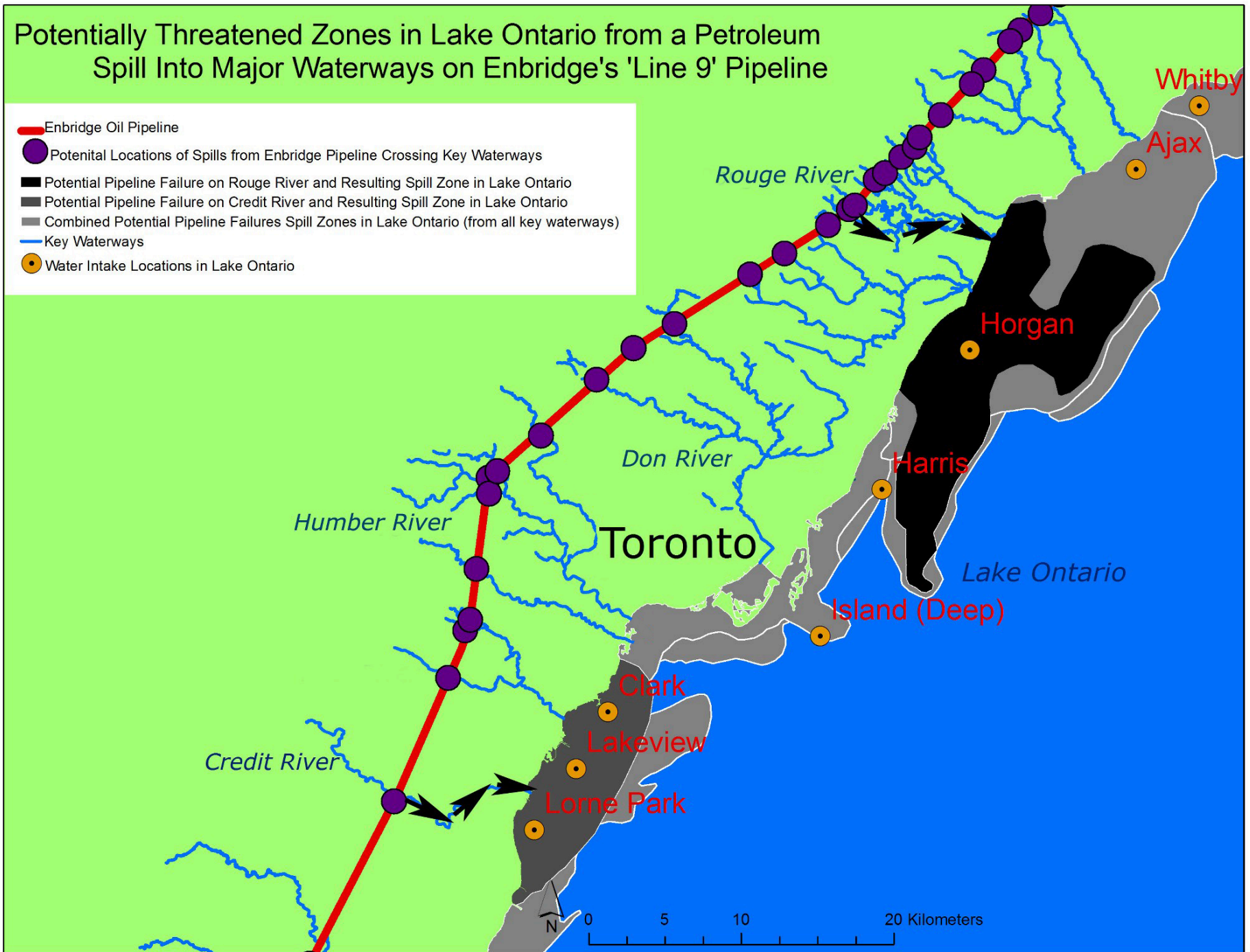
Where is Line 9?



Line 9 runs through the Hydro Corridor across the city; the CPR freight line runs through the heart of the city

Potentially Threatened Zones in Lake Ontario from a Petroleum Spill Into Major Waterways on Enbridge's 'Line 9' Pipeline

- Enbridge Oil Pipeline
- Potential Locations of Spills from Enbridge Pipeline Crossing Key Waterways
- Potential Pipeline Failure on Rouge River and Resulting Spill Zone in Lake Ontario
- Potential Pipeline Failure on Credit River and Resulting Spill Zone in Lake Ontario
- Combined Potential Pipeline Failures Spill Zones in Lake Ontario (from all key waterways)
- Key Waterways
- Water Intake Locations in Lake Ontario



Communities Are Concerned about Line 9



Stop Line 9!

- There is no benefit to Canadians or Torontonians in shipping these dangerous products through our city
- Demand a provincial Environmental Assessment
- Get involved in the municipal campaign to force City Council to ban Tar Sands in Toronto
 - Join a Community Action Group or start your own
 - Tell your Councillor that you don't want DilBit here
 - Tell your neighbours, friends, and colleagues about Line 9 and the dangers of Unconventional Crude

The Supreme Court of Canada Agrees That Cities Trump Feds

As part of the City of Toronto's submission to the NEB, an excerpt from the Supreme Court of Canada stated that "municipalities are trustees of the environment", and that as the level of government "being closest to the people, should be empowered to exceed, not lower, the national norms".

Community Action Groups

In order to bring pressure to bear on city hall to ban DilBit from Toronto, we are creating CAGs in each Ward. Each CAG will initiate events, distribute materials, and contact media to influence their councilor to support a motion banning DilBit. If you would like to start a CAG in your Ward, contact:



facilitator@stoline9-toronto.ca



Resources

Websites

- www.StopLine9-Toronto.ca



- www.Noline9.ca



Lawn Signs

- facilitator@stopline9-toronto.ca

Adapted by StopLine9-Toronto.ca from Environmental Defence