



HAVE YOUR SAY on Kinder Morgan: fact sheet

If you feel strongly about this proposal or have questions, please speak out! Our governments need to hear us!

OIL SPILLS

- **Spills happen:** accidents happen, even with the best technology. Human error is inevitable and accounts for 80 per cent of spills. Since reporting began in 1961, more than 81 spills (=35,000 barrels) have happened on Trans Mountain's pipeline.
- **Destruction on our coasts:** an oil spill would put at risk salmon rivers, endangered killer whales, tourism opportunities, fishing jobs, the health of B.C. residents, and the beautiful beaches and rivers we love.
- **Risks to endangered killer whales:** tanker noise and oil spills are not compatible with protecting critical habitat for our endangered south resident killer whales.
- **Cleanup is impossible:** Canada doesn't have capacity to respond effectively to a major spill. There is no such thing as "world-class" spill response, as best case is a 10-15 per cent recovery rate – and that's conventional crude oil. *Diluted bitumen* - what Kinder Morgan is proposing to put in their pipeline and tankers - is even more impossible to clean up and poses an even greater threat by sinking and coating everything it contacts.
- **Remember the Exxon Valdez spill:** 27 years after the tanker oil spill that devastated large populations of whales, otters, fish, and seabirds in Prince William Sound, oil still persists and contaminates the shorelines. Herring stocks and other species are still recovering. Long term genetic damage from exposure to the crude oil may mean that some species never fully recover.
- **700% increase in tanker traffic:** this pipeline would result in 400 tankers a year in Burrard Inlet and the Salish Sea.
- **Even new technology fails:** the 2-year old Nexen pipeline spilled 31,000 barrels and the MV Marathassa ship spilled oil into English Bay in Vancouver on its first sailing.

CAN'T TRUST KINDER MORGAN

- **Using bad science:** Kinder Morgan's report on catastrophic oil spill costs was thrown out by the U.S. Environmental Protection Agency as faulty science.
- **Thinks oil spills are good business:** Kinder Morgan told the National Energy Board "Pipeline spills can have both positive and negative effects on local and regional economies, both in the short- and long-term."
- **Responsible for major spills:** Since purchasing the Trans Mountain pipeline in 2005, Kinder Morgan has been responsible for 4 major oil spills.
- **Huge record of safety violations:** In the U.S., Kinder Morgan is responsible for 1,848 violations since 1997, with nearly 500 from pipelines. Kinder Morgan also has a lengthy record of workplace safety violations in the U.S., including the death of 5 workers in an incident in California.
- **Vice-President denies climate change:** When asked about climate change, Kinder Morgan VP Hugh Harden stated, "I am not convinced either way about the science. I think there's strong arguments for and against."



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CLIMATE

- **Huge climate impacts:** building this pipeline would release 100 million tonnes of greenhouse gases into the atmosphere.
- **Not meeting climate targets:** this project is not compatible with meeting Canada's new climate commitments. In December 2015 Canada committed to keeping global warming to below 1.5 – 2 degrees of warming. We can't build pipelines and expect to hit that target.
- **It's not climate tested:** the pipeline's emissions assessment does not consider the full lifecycle of GHG emissions. The federal government must include a climate test in any assessment of proposed projects like the Kinder Morgan pipeline, a test that reviews both the upstream and downstream GHGs. Climate change knows no borders, and *we are all downstream*.
- **Climate change is already here:** climate impacts are already being felt in B.C. communities (wildfires, drought, shellfish jobs lost due to ocean acidification) - the time for action is now!

HEALTH

- **Toxic fumes from an oil spill:** a diluted bitumen spill would result in mass exposure to benzene, a toxic cancer-causing chemical. Six years ago a pipeline spilled between three and four million litres of diluted bitumen into the Kalamazoo River causing nearby residents headaches, coughs, nausea, dizziness and fatigue. Research done for Tsleil-Waututh Nation and City of Vancouver showed that a major spill in Vancouver could kill 500,000 people and make one million sick.

ECONOMICS

- **High cost of an oil spill:** Kinder Morgan's insurance is limited to only \$1.6 billion for a spill at sea but the clean-up costs would be at least \$9.4 billion, with remaining costs transferred to citizens and businesses. It is unclear how much, if any, insurance Kinder Morgan has to cover costs from a land spill.
- **Benefits go to Kinder Morgan:** British Columbia would see little financial gain from the project. Kinder Morgan and tar sands producers would collect most of the revenue while B.C. would receive less than 2 per cent.
- **GDP at risk:** \$9.7 billion in GDP is supported by our coastline. A spill from the Kinder Morgan pipeline threatens our economy.

FIRST NATIONS

- **First Nations haven't said yes:** this project can't move forward without the express consent of First Nations along the pipeline and tanker route. A number of First Nations in B.C. are firmly opposed to the project and there are currently 3 lawsuits in progress.

JOBS

- **Too few jobs:** Kinder Morgan's proposal creates only 50 permanent jobs, plus the possibility of toxic jobs in oil spill response that would put workers at risk. An oil spill risks over 100,000 sustainable jobs in tourism, film and TV, agriculture, and coastal industries.
- **Better opportunities in green jobs:** investing in green jobs will create more jobs than investing in fossil fuel industries. Redirecting fossil fuel subsidies to clean, renewable energy would create 6 -8 times more jobs!

SAYING YES TO SO MUCH MORE!

- By saying no to Kinder Morgan, we are saying yes to a healthy coast where dinner can still be pulled from the ocean and humpback whales can continue their recovery. We are saying yes to a vibrant orca population, a thriving salmon industry, green-sustainable jobs in diverse sectors, and a clean, liveable climate.

For more information, visit SierraClub.bc.ca and ForTheCoast.ca



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