



# ENBRIDGE MATH:

## LINE 3 TAR SANDS PIPELINE BY THE NUMBERS

### Enbridge's Line 3 and the climate crisis:

- The cost of the new Line 3 tar sands pipeline: over \$8 billion
- Social cost of climate change impacts of Line 3 according to State of MN: **\$287 billion**
- Increase in carbon emissions between a gallon of gasoline made from tar sands versus conventional oil: 21%
- Initial barrels of tar sands that can flow through Line 3: 760,000 barrels per day (bpd)
- Ultimate design capacity of Line 3: 915,000 bpd
- **Carbon pollution equivalent of Line 3 in terms of new coal-fired power plants: 50**
- Barrels of petroleum that the US exports for every 2 barrels it consumes domestically: 1

### Line 3, lakes, and rivers:

- Bodies of water that the new Line 3 route crosses: **more than 200**
- Rivers that the new Line 3 pipeline route crosses: 20
- Oil spills that Enbridge has had in the last fifteen years: over 800
- **Gallons of oil spilled from Enbridge's Line 6 in the 2010 Kalamazoo River spill: 1.2 million**
- Cost to Enbridge from the 2010 The Kalamazoo River spill: \$1.2 billion
- Gallons of light crude oil that Enbridge spilled into rural Wisconsin in 2012: 50,000
- **Average days that pass before Enbridge and subsidiaries report hazardous liquid incidents to federal regulators: 20**
- Gallons of oil that Enbridge spilled in Grand Rapids, Minnesota in 1991 in the largest ever domestic inland oil spill: **1.7 million**
- Hazardous liquid instances reported to federal regulators from Enbridge and its subsidiaries from 2002 to present: 307

### **New pipelines aren't safer:**

- Number of pipeline spills the Dakota Access Pipeline has had since it became operational in 2017: 10
- Volume of oil spilled through 2020 from DAPL, which started operation in 2017: 1,177 gallons
- Volume of oil spilled through 2020 from Keystone Pipeline, which started operation in 2010: 521,559 gallons

### **The water give-away:**

- Original gallons of water that Enbridge received permits for to drain from waterways and use in construction: 551 million
- New amount water that Enbridge received permits for to drain from waterways in June 2021: 5 billion gallons
- Amount Enbridge paid for the amendment to the permit: \$150
- Gallons of water used and contaminated to produce one gallon of gasoline from tar sands: 6

## **Enbridge's liabilities:**

### **Minnesota/Line 3 liabilities**

- Miles of old Line 3 pipe that will be abandoned in Minnesota: 282
- Cost to Enbridge if it were to remove existing Line 3 pipe: \$1.28 billion
- Cost to Enbridge to abandon Line 3 in place: \$85 million

### **Michigan/Line 5 liabilities**

- Date that Enbridge started to defy the Governor of Michigan's orders to close Line 5 in the Mackinac Straits, Michigan: May 12, 2021
- Enbridge estimates of the cost of Mackinac Straits spill: \$1.878 billion
- Independently estimated cost of Enbridge's Line 5 rupture in the Mackinac Straits: \$45 billion
- Amount of Enbridge's general liability insurance to cover the Mackinac Straits spill: \$940,000,000
- Enbridge's deviation of Mackinac Strait spills cost projections: 1,300x

### **Global liabilities:**

- Cost to remove all of Enbridge's pipes in the U.S: \$23 billion
- Operating subsidiaries of Enbridge, Inc, potentially shielding the Canadian corporation from paying liabilities: 285

### **Enbridge influence-buying:**

- **Amount Enbridge spent on lobbying in Minnesota in 2018: \$11 million**
- Amount Enbridge offered Red Lake tribe over property dispute: \$18.5 million
- Amount Enbridge paid to local law enforcement as of April 2021: \$750,000
- Number of water protectors arrested and detained: more than 500
- Amount Enbridge paid Leech Lake tribe for land access for the Clipper pipeline: \$10 million

### **Building Line 3, hurting communities:**

- Percent of Line 3 jobs promised to Minnesotans: 75%
- **Actual proportion of jobs employing Minnesotans as of February: 33%**
- Permanent jobs Line 3 supports in Minnesota: 20
- Number of Enbridge workers who tested positive for COVID: 788
- **Number of Enbridge Line 3 workers arrested in sex sting: 4**
- Property taxes that Minnesota county governments owe Enbridge after property tax dispute: \$30 million
- Annual 2020 salary of Enbridge CEO, Al Monaco: \$17 million