

Kate Dahlstrom

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TC, MI 49685

231-943-3867

Resolution regarding Census:

- is inaccurate (see attached) *gave info to Commissioner Clous*
- will result in increased numbers of both citizens and non-citizens *not* being counted
- is politically motivated and divisive
- should be withdrawn or voted down

Emily Magner - Michigan League of Conservation Voters 8.7.19

- Good morning, my name is Emily Magner, and I'm the Northern Michigan Regional Coordinator for the Michigan League of Conservation Voters.
- My address is _____. I was born and raised on these shores and
- I'm here today to voice my opposition to the continued operation of Enbridge Energy's Line 5 pipeline in the Straits of Mackinac.
- *or opposition to resolution if presented*
- The damaged, 66-year-old pipeline has been allowed to pump millions of gallons of oil each day through our waters for far too long.
- And replacing Line 5 with a tunnel will only keep our Great Lakes at risk.
- We know a tunnel would take 7-9 years to build, and in the meantime, oil would continue to pump through the damaged pipeline.
- The fact is, Canadian oil company Enbridge Energy cannot be trusted to safely operate the pipeline.
- One only needs to look at the company's track record:
- July 26 marked the nine year anniversary of the Kalamazoo River Oil spill, in which Enbridge's Line 6b pipeline burst, causing one of the worst inland oil spills in U.S. history.

- Cleanup took nearly a decade and Enbridge was fined hundreds of millions of dollars.
- And in April of 2018, a tugboat anchor struck Line 5, denting and damaging the pipeline, causing it to leak 800 gallons of mineral oil into the Straits.
- And just last week, a natural gas pipeline owned and operated by Enbridge exploded in Kentucky.
- The risk and threat of an oil spill is real and we can't afford another close call like last year's anchor strike.
- Besides leaking oil into our most precious natural resource and disrupting the surrounding ecosystem, a Line 5 oil spill would also devastate our northern Michigan economy.
- The state's own risk-analysis found more than 400 miles of shoreline would be impacted by a worst-case oil spill and costs of nearly \$2 billion.
- The bottom line is oil pipelines do not belong in the Great Lakes. Period.
- And the only way to truly prevent a catastrophic oil spill in our most precious natural resource is to shut down line 5 immediately.
- Thank you.

The Canadian company Enbridge knows that the days are numbered for this 65 year old pipeline, built prior to the 'Great Lakes Submerged Lands Act was adopted -so they did not need a permit and ensurance that the pipeline wouldn't pose a threat to the waters.

Today, 2019, this pipe line would not be built. Michiganders would not approve the construction of this pipeline. With all that is known about oil spills and leaks, pipe corrosion and punctures. Enbridge has a history directly tied to such -with over 1200 spills.

We cannot afford to allow the pipeline to operate (tunnel or not) What would the response time be for the Coast Guard in case of a spill? ...or a spill in the middle of winter?

-the health of the great lakes is counted on by everything from tourism to fisheries to the shipping industry, -Michigan agriculture

-and the great lakes contain 20% of the worlds fresh surface water a source of clean drinking water for millions of people. And not just the people but the sustained wildlife -as the pipeline crosses through the straits of Mackinac, 400 rivers, streams, wetlands....10 miles of wetlands and runs right next to many of our sparkling inland lakes. All are at risk....when the luck of Enbridge runs out and a massive spill erupts.

We are invested in our pristine waters so that the future children not only of Michigan but of the world can enjoy and utilize the benefits of clean water.

The decision is in your hands to be responsible stewards of our great lakes for the generations to come. History will look back upon your decision with praises.



Protecting the Common Waters of the Great Lakes Basin
Through Public Trust Solutions

August 7, 2019

Submitted for inclusion in the minutes and public record to the:

Grand Traverse County Board of Commissioners
Governmental Center
400 Boardman Ave.
Traverse City, MI 49684

Thank you, Chairman Hentschel, and fellow members of the Grand Traverse County Board of Commissioners.

I am Kelly Thayer, Deputy Director of FLOW (For Love of Water). FLOW is a Great Lakes law and policy center based in Traverse City working to protect our public trust waters across the entire Great Lakes watershed.

I have come this morning to comment on the resolution in your packet that you are being asked to approve in support of the proposed Enbridge Line 5 oil tunnel – and to ask a key question.

Since 2013, FLOW and its team of lawyers, scientists, engineers, and an international risk expert have studied the increasing threat to our Great Lakes, drinking water, Pure Michigan economy, and way of life from Line 5 in the Straits of Mackinac and, more recently, the proposed Line 5 oil tunnel.

Just last November during the lame duck legislative session, FLOW's leadership testified in front of a State of Michigan House Committee regarding the clearly unconstitutional nature of a bill that proposed to give Enbridge access for 99 years to our public waters and bottomlands for an oil tunnel.

In March, Michigan Attorney General Dana Nessel found that the tunnel bill that became law was, in fact, unconstitutional. In early June, Enbridge sued the State of Michigan to uphold the tunnel legislation. And in late June, the State of Michigan sued Enbridge to revoke the 1953 easement that conditionally authorized Enbridge to pump oil through the twin pipelines.

Attorney General Nessel's lawsuit alleges that Enbridge's continued operation of Line 5 in the Straits violates the Public Trust Doctrine, is a common law public nuisance, and violates the Michigan Environmental Protection Act based on potential pollution, impairment, and destruction of water and other natural resources.

It is critical for the Grand Traverse Board of County Commissioners to understand that – with the proposed resolution in your packet – the Board is being asked to interfere in ongoing litigation between the State of Michigan and Enbridge. In addition, there are at least four other active lawsuits against Enbridge and Line 5. Therefore, this type of resolution is misguided and not in Grand Traverse County's, nor the public, interest.

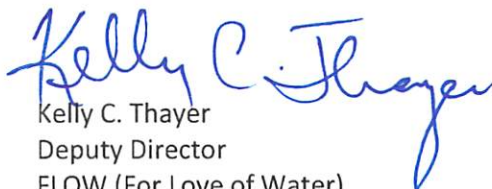
Why would the Grand Traverse County Board, which – to our knowledge – has never studied nor discussed the threat from Line 5, take a leap of faith in supporting a Canadian oil pipeline company's alternative that diverts attention from the real problem – the bent, cracked, and encrusted oil pipelines in the Straits?

For the last six years, FLOW has studied Line 5 and more recently the proposed oil tunnel, and here are some key facts to consider:

- **Line 5 in the Straits is a 66-year-old clear and present danger** and would continue to decay and threaten the Great Lakes while Enbridge takes 5-10 years to study, seek permits, and possibly build an oil tunnel, if it's even feasible.
- **Enbridge's has a failed track record in Michigan.** Enbridge Line 5 has failed at least 33 times since 1968, spilling more than 1.1 million gallons of oil across Michigan and Wisconsin. In July 2010, Enbridge Line 6B burst near Marshall, Michigan, and dumped about 1 million gallons of heavy tar sands oil into the Kalamazoo River watershed. Line 6B was 41 years old when it failed; Line 5 is 66 years old and counting.
- **An oil tunnel would fail to address Line 5's threat** to the Great Lakes in the Straits and at the pipeline's more than 400 stream and river crossings in the Upper and Lower Peninsulas.
- **Line 5 serves mostly Canada's needs and not Michigan's.** FLOW research shows that our oil and propane needs can be met through other, existing pipelines and rail and truck alternatives. And Gov. Whitmer has formed an Upper Peninsula Energy Task Force to identify energy supply options. The system can adjust with smart planning.
- **Enbridge's proposal to allow electrical lines** and other infrastructure to occupy the proposed oil pipeline tunnel is a bad idea opposed by an Upper Peninsula electrical supplier and poses an explosion risk.
- **Climate change and related impacts** to the Great Lakes would worsen from an oil tunnel under the Straits transporting fossil fuels for the next 99 years.

For these reasons, and many more, we call on the Grand Traverse County Board of Commissioner to reject the resolution supporting a Line 5 oil tunnel in the Great Lakes or, failing that, to refer the topic to a study session where facts can be gathered and considered and all of the concerns of local constituents can be heard and taken into account.

Thank you for your time and consideration.



Kelly C. Thayer

Deputy Director

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TAKE ACTION: Now Is Our Best Chance to Shut Down 'Line 5' and Restore the Rule of Law

Updated July 18, 2019

Now is the time of reckoning for the decaying Enbridge Line 5 oil pipelines in the Straits of Mackinac and a proposed oil tunnel to replace them.

On June 27, Michigan Attorney General Dana Nessel [took decisive legal action](#) on Line 5 in the Straits of Mackinac when she filed suit in Ingham County Circuit Court to revoke the [1953 easement](#) that conditionally authorized Enbridge to pump oil through twin pipelines. Nessel's lawsuit alleges that Enbridge's continued operation of the Straits Pipelines violates the Public Trust Doctrine, is a common law public nuisance, and violates the Michigan Environmental Protection Act based on potential pollution, impairment, and destruction of water and other natural resources.



Simultaneously, Governor Gretchen Whitmer and the natural resources and environmental protection agencies are defending the public's rights and waters of the Great Lakes in Enbridge's separate lawsuit against the state to build a tunnel under the Great Lakes for its oil pipelines to operate another 99 years. Gov. Whitmer also ordered the Michigan Department of Natural Resources to review violations of the Line 5 easement. As the state's top leader and public trustee, the governor has the express legal authority to revoke the easement to start decommissioning the pipeline and to protect the Great Lakes.

On June 6, Canada's Line 5-owner Enbridge sued the State of Michigan to [resuscitate a 'Line 5' oil tunnel deal](#) and law rushed through in late 2018 at the end of the Snyder administration. Attorney General Dana Nessel in late March declared the oil tunnel law [unconstitutional](#), triggering Gov. Gretchen Whitmer to call an all-stop on state involvement in any tunnel activities.

Enbridge wants the right to bore a tunnel in the next 5-10 years for the dual Line 5 oil pipelines through State of Michigan public trust bottomlands under the Straits, where Lake Michigan meets Lake Huron. Enbridge also wants to [keep pumping](#) up to 23 million gallons of oil and natural gas liquids a day through risky Line 5 during tunnel feasibility studies and construction. Gov. Gretchen Whitmer has signaled some [openness](#) to an oil tunnel even though it could undermine her fight on climate change, but wants the old Line 5 pipes out more quickly, reportedly in two years or less.

FLOW and other Great Lakes advocates have long called for shutting down Line 5, which primarily serves Canada's, not Michigan's, needs and threatens the Great Lakes. FLOW research shows that viable [alternatives](#) exist to deliver propane to Michigan and oil to regional refineries, and Gov. Whitmer has formed an [Upper Peninsula Energy Task Force](#) to identify energy supply options. The system can adjust with smart planning.

The City of Mackinac Island, Grand Traverse Band of Ottawa and Chippewa Indians, and the Straits of Mackinac Alliance citizen group also have filed a [contested case](#) challenging Enbridge's claim that installing hundreds of anchor supports to shore up the decaying Line 5 is mere maintenance, rather than a major redesign requiring an application and alternatives analysis under the 1955 [Great Lakes Submerged Lands Act](#) (GLSLA) and public trust law that apply to the soils and waters of the Great Lakes.

Note: This fact sheet with links to key information can be accessed online here: <https://flowforwater.org/line5/>.

Take Action to Shut Down Line 5 -- You Can Make a Difference

The movement to shut down Line 5 and stop the proposed Enbridge oil tunnel is powered by people willing to stand up and speak out for applying the rule of law to protect the Great Lakes, drinking water, and the Pure Michigan tourist economy.

Please take action today to protect what you love for generations to come! Here's how:

- Call Michigan Gov. Gretchen Whitmer at 517-373-3400 and urge her to join the Line 5 lawsuit filed by A.G. Dana Nessel, applying the full legal authority of the State of Michigan.
- **Contact your state lawmakers.** You can look up contact information for your Michigan [state representative here](#) & [state senator here](#).
- Write a letter to the editor of your local newspaper. It's important to share your view publicly.
- [Sign up for FLOW's e-newsletter](#) for the latest update on Line 5 and other threats to the Great Lakes.
- [Donate to FLOW](#) to help us continue to make the legal, scientific, and common sense case for shutting down Line 5 to protect the Great Lakes and the drinking water supply for half of all Michiganders.

Suggested Message to draw from when contacting the governor, lawmakers, and local newspaper:

- Now is the time to restore the rule of law and end Line 5's high risk of an oil spill to the [Great Lakes](#), drinking water, public health, tribal fishing, businesses, public and private property, and [Michigan's](#) and the [region's economy](#).
- The State of Michigan should revoke the Line 5 easement granted by the state and evict Enbridge from the public waters and bottomlands of the Straits of Mackinac.
- Digging an oil tunnel under the Straits for the next 5-10 years is not a solution. An oil pipeline tunnel will not solve Line 5's immediate threat to the Great Lakes nor address the risk posed by the pipeline's more than 400 stream and river crossings in the Upper and Lower Peninsulas. In addition, Enbridge's proposal to allow electrical lines and other infrastructure to occupy the proposed oil pipeline tunnel poses an [explosion risk](#).



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To Learn More, visit www.FLOWforWater.org



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KEY FACTS: Line 5 & the Proposed Oil Tunnel

FLOW's Key Facts on Line 5 & the Proposed Oil Tunnel

Updated July 24, 2019

The State of Michigan has reached a tipping point and moment of reckoning with the decaying Enbridge Line 5 oil pipelines in the Straits of Mackinac and a proposed oil tunnel to replace them. For the first time in nine years, the State of Michigan is taking its responsibility seriously to bring this issue under the rule of law and protect the Great Lakes, drinking water, and the *Pure Michigan* economy.

Here's a quick list of facts you can use to help tip the balance in favor of shutting down Line 5 and turning back the proposed oil tunnel:

Risk to the Great Lakes and Drinking Water:

- Nearly 23 million gallons of oil and natural gas liquids pass every day through "Line 5," a pair of aging pipelines piercing the heart of the Great Lakes just west of the Mackinac Bridge.
- Built in 1953, the 20-inch-diameter Line 5 pipelines owned by Canadian company Enbridge Energy Partners lie exposed in the water along the publicly owned lakebed of the Mackinac Straits.
- The Straits of Mackinac are the "worst possible place" for a Great Lakes oil spill, potentially impacting over 700 miles of Lakes Michigan and Huron coastline, according to the University of Michigan.
- An anchor strike on April 1, 2018, damaged the Line 5 oil pipelines in the Straits of Mackinac, including a gash across the east pipeline and several dents, exposed steel, and scrapes on the west pipeline. The longest dent was nearly two-feet long.

Line 5 is 66 years old and decaying:

- Enbridge's data reveal that sections of Line 5 in the Straits are cracked, dented, and encrusted with corrosion-causing mussels, and that a segment on land has lost 26 percent of its original wall thickness due to corrosion.
- In 2017, Enbridge admitted misleading both Michigan and federal officials on the condition of Line 5 for over three years, concealing dozens of bare metal spots and/or coating gaps near 128 anchor locations.

Benefits Canada, not Michigan:

- No more than 5-10 percent of the light crude oil carried by Line 5 is destined for the Detroit and two Toledo refineries, with the remaining 90-95 percent reaching refineries in Sarnia, Ontario, FLOW technical experts concluded based on the available information,

Enbridge is operating illegally:

- Enbridge is violating its 1953 easement conditionally granted by the State of Michigan and allowing occupancy of public waters and bottomlands in the Straits of Mackinac, including not complying with standards related to prudent operation, adequate insurance, pipeline design and condition, cleanup planning, and risk of pollution, impairment, or destruction of the environment.
- Enbridge's Line 5 violates the public's legally enforceable rights to fish, boat, swim, navigate, and bathe in, and drink and draw sustenance from, the Great Lakes.

Note: This fact sheet was updated July 24, 2019; it's available online here: <https://flowforwater.org/line5/>.

Enbridge's failed track record:

- **Line 5 has failed at least 33 times since 1968**, spilling more than 1.1 million gallons of oil across Michigan and Wisconsin.
- **Enbridge caused one of the nation's largest inland oil spills in July 2010** when its Line 6B pipeline burst near Marshall, Michigan, and for 17 hours dumped nearly one million gallons of heavy tar sands oil into the Kalamazoo River watershed. It took four years and over \$1.2 billion to clean it up to the extent possible. Line 6B was 41 years old when it failed; Line 5 is 66 years old and counting.
- **Enbridge's pipeline network had 804 total failures** that spilled 6.8 million gallons of oil from 1999-2010.
- **Enbridge's Line 6B spill as "the single most expensive on-shore spill in U.S. history,"** according to the National Safety Transportation Board (NTSB). Moreover, the agency concluded that the Line 6B disaster was caused by corrosion fatigue cracks and the prolonged 17-hour spill, which "were made possible by pervasive organizational failures at Enbridge."

Cannot clean up an oil spill in water:

- **Enbridge lacks** a credible worst-case scenario emergency response plan to recover oil.
- **Enbridge lacks** a credible plan to recover spilled oil when ice tops the Mackinac Straits. U.S. Coast Guard officials cannot respond at night when it is windy, wavy (over three feet), icy, or dark.
- **Only 30% of an oil spill would be recovered under the best conditions**, according Enbridge's cleanup contractor.

Propane alternative:

- **Just 1-2 propane rail cars or 4-5 tanker trucks a day could replace the aging Line 5 pipeline's U.P. propane capacity** without risking a Great Lakes oil spill, FLOW's latest research shows. The rail cars or tanker trucks could deliver propane from Superior, Wisconsin, to the existing propane storage-and-distribution center in Rapid River, Michigan, north of Escanaba on U.S. 2.
- **Plains All American also could increase the capacity of its storage facility at Kincheloe**, in the eastern Upper Peninsula, which is served by rail and not Line 5. The energy distribution network is highly adaptable such that Enbridge does not have a monopoly on propane delivery to U.P. distributors.
- **Shutting down Line 5 would add five cents to the cost of a gallon of propane**, which has hovered around \$2 for the past year, according to a 2018 study by London Economics International LLC, a Boston-based consultancy, and commissioned by the National Wildlife Federation.
- **Gov. Whitmer has formed an Upper Peninsula Energy Task Force** to identify energy supply options, specifically including propane in the event that Line 5 is shut down. The system can adjust with smart planning.

Oil alternative:

- **Available capacity and flexibility to meet energy demand in the Great Lakes region already exists** in the North American pipeline system operated by Enbridge and its competitors without threatening our public waters and *Pure Michigan* economy, according to FLOW's experts.
- **A Line 5 shutdown could increase the cost of gasoline in metro Detroit by about 2 cents a gallon**, according to a 2017 study commissioned by the former Snyder administration.

Economic impact of an oil spill:

- **A Line 5 oil spill could deliver a blow of over \$6 billion in economic impacts and natural resource damages** to Michigan's economy and could trigger a domino effect of damage disrupting Great

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Lakes commercial shipping and steel production, slashing jobs, and shrinking the nation's Gross Domestic Product by \$45 billion after just 15 days, according to a study commissioned by FLOW and conducted by nationally respected ecological economist Robert Richardson of Michigan State University.

Jobs:

- **Enbridge's workforce includes only 96 Michigan-based permanent and temporary employees and provisioned contractors, while about 800,000 Michigan jobs** are tied in some way to the clean water of the Great Lakes. In total, more than 1.5 million U.S. jobs are directly connected to the Great Lakes, generating \$62 billion in wages tied to up-north tourism, agriculture, fishing, shipping and related industries, according to Michigan Sea Grant.

An oil tunnel is not the best alternative for Michigan:

- **The Line 5 oil pipelines in the Straits would continue to decay** and threaten the Great Lakes and Pure Michigan economy, while Enbridge takes 5-10 years to study, seek permits, and build an oil tunnel.
- **A tunnel fails to address Line 5's immediate threat to the Great Lakes** and the risk posed by the pipeline's more than 400 stream and river crossings in the Upper and Lower Peninsulas.
- **Enbridge's proposal to allow electrical lines and other infrastructure to occupy the proposed oil pipeline tunnel** is a bad idea opposed by a U.P. electrical supplier and poses an explosion risk.
- **Climate change and related impacts to the Great Lakes would worsen** from an oil tunnel under the under the Straits transporting fossil fuels for the next 99 years.
- **An oil tunnel would not create long-term sustainable Michigan jobs.** Michigan is at full labor employment now. Michigan labor likely is not going to build this tunnel; it will require international trade skills, machinery, and materials. There's more labor work to be done in any given Michigan community in replacing lead pipes for drinking water than would materialize for a Line 5 tunnel.

Bottom line:

- **Line 5 is not vital to the people of Michigan.**
- **It is time for the state to evict Enbridge from the Mackinac Straits and shut down Line 5** due to the danger its decaying oil pipelines pose to the Great Lakes.



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✓
Regarding Line 5 tunnel

August 7th, 2019

Most Michigander's are against Line 5 and the only reason Enbridge is ~~now~~ working towards a tunnel is because of that push back. It is their bottom dollars that is making them choose this route. In lieu of last weeks Enbridge gas explosion in Kentucky, the 9th year anniversary of the 1.2 million gallon spill in the Kalamazoo River, that let me remind you, ran for 17 hours before the gas was turned off, the 30 some spills that Enbridge's Line 5 has already had, knowing that there are over 400 waterways this line crosses besides our beloved Lake Michigan, besides the anchor incident causing dents on both the lines, the fact that the bracings that were required from the 1953 agreement every 75 feet have never all been there, you call this Canadian Company Enbridge Energy reliable? Hell no! They have already talked about sending heavy crude oil through the tunnel from the Alberta Tar Sands. You know what this effects? It puts much more carbons and methane pollution out that will change the climate in a much faster rate then has ever occurred. Jobs you say, I've read the number 200. Compare that to 40 million people in Michigan who depend on that water for drinking, not even considering other bordering states including Canada that will be affected by a breach in that line. Running Line 5 while they do a rush job on a tunnel is the worst thing for our state.

You say zero chance of a leak. Enbridge has lines all over our country and Line 5 is not the first to leak.

We in our county need to stand with the Mackinac Bridge Authority, Mackinac Island and the Tribes standing against this line and tunnel once and for all. Support our Governor and our Attorney General who have our best interests in mind (and certainly not Snyder, who threw us all under the bus ~~with this deal during the lame duck session~~). We need to protect our

water which is so much more important than oil/fossil fuels, that, in 10-20 years will be going down, while clean energy takes over.
A 99 year lease, forget it. It is our planet we need to have at the forefront of this discussion.

Main Points

Enbridge is not reliable considering this Line 5 has had at least 30 leaks and spilled over a million gallons.

Line 5 runs through 400 other waterways besides Lake Michigan.

Canada is also against Enbridge and especially the Alberta Tar Sands and it's polluting effect on Climate Change.

Why is this commission not supporting the Gov and AG on this issue?

My ask; 1.) ~~when it comes up for a vote for this tunnel resolution please open it up for a public discussion first.~~

2.) hold off on this vote, which was hidden on page 400 something for today's agenda which therefore, is not being transparent.

Sincerely,

Berta Meserve
20334 Maple St
Lake Ann, MI 49650
231-590-5236

Berta Meserve

*listen
To The peo
of Mich.
this city*

1202 S. Union St. Traverse City

Kyle Jas Per

Normally, I'd be working right now. But since I heard, last night, there was a proposal to support Enbridge's Line 5, I thought I'd come hang out with y'all this morning and give you my thoughts, instead.

As a student of Eastern Michigan University's Environmental Science and Society program, this concerns my scholastic career and beyond, as well as my livelihood as a resident of this great state.

As Michiganders, Great Lake knowledge is practically engrained into our DNA, so you all probably know that the Great Lakes account for about 20% of the world's, and about 90% of the United States' surface freshwater.

The Great Lakes Commission states that the Great Lakes system provides drinking water for 48 million people, the lakes directly generate 1.5 million jobs, and 60 billion dollars in wages annually. Our beautiful area is not only invaluable to our environment and our health, it's also a major economic driver for our state, our region, and our country.

According to Enbridge.com, Line 5 supplies 55 percent of Michigan's statewide propane needs. That sounds like a lot, but according to the United States Energy Information Administration, less than 10 percent of Michigan homes are heated by propane. So, there are less than 4 million households in Michigan, according to Michigan.gov. 10% of that is less than 400,000, and 55% of that, is less than 220,000 households heated by propane which Enbridge supplies. If you want to do the math to figure out how many of those homes are in the county, be my guest!

Now, that's not an ignorable number, but there are other heating options for households, as a general rule. We don't have other options when it comes to water, and I know we're not sucking water from the lake with a straw, but unhealthy lakes mean unhealthy ground water.

Any way you look at it, the pros of line 5 do not outweigh the cons. Things like 60 billion dollars in wages for people who depend on the lakes for jobs could well be in jeopardy if Enbridge had another

mishap like the one that spilled 1.7 million gallons of oil in Minnesota in 1991, or when they spilled over 1 million gallons into the Kalamazoo river in 2010, or when one of their lines blew up in Kentucky, killing one person less than a week ago.

I know what you're thinking: "but Kyle, Line 5 is 119 miles away from this very building. There's no way the 30% of employment attributed to tourism in Traverse City (according to Traverse City.com) would be negatively affected when the pipeline has an issue." *And it might*

not Well, ^{but} according to the University of Michigan's Water Center, a spill from Line 5 could "spread as far west as

ours in Beaver Island and as far Southeast as Rogers City in *So it begs the question of why we would put other communities like* only 20 days. Think about the costs and range of environmental damage that still exist from disasters like the Deepwater Horizon.

As someone who appreciates fiscally conservative ideology, I don't think it makes sense, financially, to risk the costs of cleanup or the revenue lost from tourism to keep line 5 active, especially when that goes against the will of your constituents.

8-7-19

Since Enbridge first laid claim to the bottomland of the Straits in 1953, opportunistic politicians and interconnected parties on both sides of the border who have chosen to play nice with Enbridge have profited.

Recent legal actions have accelerated one of the most expensive and far reaching public relations campaigns in Michigan history to fight increasing public pressure to shut down Line 5.

A look at a map of the Enbridge's vast Michigan pipeline system and you'll see it all rides on Line 5.

Governor Whitmer tried to reach an agreement with Enbridge, but Enbridge walked away from negotiations and instead filed a lawsuit against the state. After this action, AG Nessel filed a lawsuit for the State of Michigan against Enbridge, stating that the easement granted by the State in 1953 violates the public trust doctrine and violates the Michigan Environmental Protection Act because it is likely to cause pollution impairment and destruction of water and other natural resources.

Your passage of Resolution XX-2019, will align you with the long-established effort to turn the State of Michigan into the Province of Enbridge. You make the choice to risk 20% of the world's fresh surface water, 80% of North America's fresh surface water and the drinking water source for over 40 million Midwesterners.

Clearly your RESOLUTION was written from Enbridge provided information because it is based only on studies bought and paid for by Enbridge.

Here are some FACTS supported by experts not beholden to the pipeline industry.

Line 5 has failed 33 times since 1968, spilling at least 1.1 million gallons of oil into the Great Lakes.

Enbridge lacks a credible plan to recover spilled oil in ice covered water.

On July 25th, 2010, Enbridge caused the nation's largest inland oil spill when its Line 6B pipeline burst near Marshall, Michigan. 1.)

One to two rail cars or a few tanker trucks a day could replace Line 5's U.P. propane supply.

Line 5 **was never designed** as a vital oil or propane infrastructure for the State of Michigan.

Line 5 **was designed**, and to this day, serves strictly as a short cut for Enbridge product transportation .

Over 1 in 5 Michigan jobs, are directly tied to a healthy Great Lakes.

The Great Lakes tourism, recreational and fishing industry is valued at \$47 billion annually.

Line 5 creates, at most, 250 full and part time jobs filled by Michiganders and Canadians living in Michigan.

More than 1.5 million U.S. jobs are directly connected to the Great Lakes, generating \$62 billion in wages.

Today, over 90 percent of Line 5 crude oil runs ^{through} Michigan, is refined in Canada, and then exported by Canada via the Atlantic Ocean .

Northern Michigan is ground zero WHEN not if Line 5 ruptures. Grand Traverse County and all points north will be forever and irrevocably altered and for what?A multibillion dollar Canadian oil company continuing to make billions.

Commissioners, serve the best interests of your Grand Traverse County constituents, the citizens of the State of Michigan and **not** the best interests of the Province of Enbridge.

1.) (This fracture went undetected for 17 hours and dumped nearly one million gallons of heavy tar sands oil saturating 40 miles of the Kalamazoo River watershed. It took four years and over \$1.2 billion to clean it up to the extent possible, which many Kalamazoo residents, with now worthless waterfront property, contend is still NOT cleaned up.)

August 7, 2019

Grand Traverse Board of Commissioners
400 Boardman Avenue
Traverse City, MI 49684

Public Input - About Public Comments and Minutes

Sadly, this County Board of Commissioners of Grand Traverse does NOT pay much attention to citizens who spend a lot of their personal time and energy to listen, learn and speak up at government meetings.

It is obvious "We the People" are considered an annoyance and they are happy to ignore our insights, our suggestions and pleas for help, be it about meeting times, agenda schedules, committee assignments, appointments, conflicts of interest, or destruction of our environment.

The majority of our Board works for business and political party interests.

Democracy, and "We the People" be damned.

Many concerned citizens are here again, and have come with high hopes their voices will be heard. Many will speak, and many have taken time to write their comments to submit to the Clerk, under the mistaken belief these comments will be recorded in the minutes.

That does NOT happen anymore.

Nothing we say here will be part of the written record. All that will appear in today's minutes is your name. NOT even the subject you speak about.

This is NOT what democracy looks like.

A handwritten signature in black ink that reads "David Petrove". The signature is written in a cursive, flowing style.

David Petrove