

# PIPELINE SAFETY ADVISORY BOARD



DEQ Director  
**Heidi Grether**

DNR Director  
**Keith Creagh**

## Agenda

February 26, 2018  
1:00 – 3:30 PM (EST)

Ramada Lansing Hotel and Conference Center  
Regency Ballroom  
7501 West Saginaw Highway  
Lansing, Michigan 48917

|                       |   |
|-----------------------|---|
| <b>1:00 – 1:05 PM</b> | <b>Welcome and Introductions</b>  |
| <b>1:05 – 1:10 PM</b> | <b>Meeting Minutes: December 11, 2017</b> ( <i>Attachment A</i> )   |
| <b>1:10 – 1:45 PM</b> | <b>Correspondence Received</b> <ul style="list-style-type: none"><li>• Members (<i>Attachment B</i>)</li><li>• Non-Members (<i>Attachment C</i>)</li></ul>  |
| <b>1:45 – 2:45 PM</b> | <b>Old Business</b> <ul style="list-style-type: none"><li>• Independent Alternatives Analysis</li><li>• Pipeline Safety Best Practices and Pipeline Siting Subcommittee</li><li>• PSAB Website</li><li>• Response from Governor (<i>Attachment D</i>)</li><li>• Resolutions and Advice to Governor</li><li>• Enbridge Agreement</li></ul> |
| <b>2:45 – 2:50 PM</b> | <b>Independent Risk Analysis Update</b>   |
| <b>2:50 – 2:55 PM</b> | <b>Tribal Update</b>  |
| <b>2:55 – 3:00 PM</b> | <b>Organizational Items</b> <ul style="list-style-type: none"><li>• Meeting Schedule and Agenda Items (<i>Attachment E</i>)</li><li>• Next Proposed Meeting – May 14, 2018<ul style="list-style-type: none"><li>○ Time: 1:30 - 3:30 PM (EST)</li><li>○ Location: Lansing, TBD</li></ul></li></ul>   |
| <b>3:00 – 3:30 PM</b> | <b>Public Participation</b>   |
| <b>3:30 PM</b>        | <b>Adjourn</b>  |

## MINUTES

## MICHIGAN PIPELINE SAFETY ADVISORY BOARD

Causeway Bay Lansing Hotel and Conference Center  
Ballroom F - J  
6820 South Cedar Street  
Lansing, Michigan 48911

December 11, 2017  
9:00 a.m. – 3:30 p.m.

Present: Valerie Brader, Co-Chair, Michigan Agency for Energy (MAE)  
Heidi Grether, Co-Chair, Department of Environmental Quality (DEQ)  
Keith Creagh, Department of Natural Resources  
Craig Hupp, Public Member  
Capt. Chris Kelenske, (*Designee for Col. Kriste Kibbey Etue*), Michigan State Police  
Shawn Lyon, Marathon Petroleum  
Homer Mandoka, Nottawaseppi Huron Band of the Potawatomi  
Jennifer McKay, Tip of the Mitt  
Matthew Schneider (*Designee for Attorney General Bill Schuette*), Department of Attorney General (DAG)  
Jeffrey Pillon, National Association of State Energy Officials  
Jerome Popiel, United State Coast Guard  
Brad Shamlal, Enbridge Energy Company  
Chris Shepler, Shepler's Mackinac Island Ferry Service  
Michael Shriberg, National Wildlife Federation  
Sally Talberg, Michigan Public Service Commission (MPSC)

Others: Matt Goddard, DEQ  
Guy Meadows, Michigan Technological University  
Laura Moody, DAG  
Alex Morese, MAE  
Robert Reichel, DAG  
Holly Simons, DEQ  
Travis Warner, MPSC

I. CALL TO ORDER

Valerie Brader, Executive Director, Michigan Agency for Energy (MAE), called the meeting to order at 9:04 a.m.

II. WELCOME AND INTRODUCTIONS

Co-Chair Brader welcomed everyone and reminded the Board that Holly Simons, elected by the Board to be Secretary, will take the minutes for today's meeting.

III. PUBLIC PARTICIPATION

- Richard Douglas, Eastern Michigan University, shared verbal comments.
- Nancy Shiffler shared verbal comments.

## Michigan Pipeline Safety Advisory Board

## Minutes

December 11, 2017

Page 2 of 5

- David Benac shared verbal comments.
- Allen Webb, Western Michigan University, shared verbal comments.
- Lisa Baehert shared verbal comments.
- David Dwyer, Straits Area Concerned Citizens for Peace, Justice, and the Environment (SACCPJE), shared verbal comments.
- Anabel Dwyer, SACCPJE, shared verbal comments.
- Marian Horowitz shared verbal comments.
- Marshall Clabeaux shared verbal comments.
- James Clift, Michigan Environmental Council, shared verbal comments.
- Jane Ann Montague shared verbal comments.
- Teri Wilkerson shared verbal comments.
- Anne Woiwode, Sierra Club, shared verbal comments.
- Sean McBrearty, Oil and Water Don't Mix, shared verbal comments.
- Liz Kirkwood, For the Love of Water (FLOW), shared verbal comments.
- Kathy Schoen shared verbal comments.
- Desmond Berry shared verbal comments.
- Iris Potter shared verbal comments.
- Jerilynn Tucker shared verbal comments.

Co-Chair Brader requested any additional members of the public acknowledge their desire to provide comment by 11:00 a.m. at which time the Board will break from their agenda for an additional public comment period.

IV. SEPTEMBER 18, 2017 MEETING MINUTES

Having reviewed the minutes from the September 18, 2017 meeting, Co-Chair Brader asked for comments. Hearing none, she requested a motion to approve.

**Brad Shamla moved, seconded by Co-Chair Grether, that the minutes from the September 18, 2017 meeting be approved. The vote was taken on the motion. The motion carried unanimously.**

V. CORRESPONDENCE RECEIVED

Correspondence received on behalf of the Board since its last meeting was shared with the Board in the pre-meeting packet, including:

*Board Members*

- Brad Shamla, Enbridge Energy Company

*Non-Board Members*

- Carol Gilewicz
- Anna Fisher
- Dale Giddings
- James Hill
- Barbara Steer
- Drue Pearce, Acting Administrator, U.S. Department of Transportation
- Cam Spady, Cylo Technologies
- Liz Kirkwood and Jim Olson, FLOW

## Michigan Pipeline Safety Advisory Board

## Minutes

December 11, 2017

Page 3 of 5

VI. OLD BUSINESS

Co-Chair Brader provided an update on old business items including pipeline mapping, independent alternative analysis, the letter to the Secretary of Transportation and the pipeline safety best practices and siting subcommittee. Discussion took place.

**Jennifer McKay moved, seconded by Chris Shepler, to amend the agenda to add a formal discussion of the Enbridge Agreement after the Update by Keith Creagh. The vote was taken on the motion. The motion carried unanimously.**

VII. LINE 5 COATING PRESENTATION

Brad Shamla introduced Peter Holran, Director, US Government and Public Affairs for Enbridge, who provided a presentation.

Co-Chair Brader opened the floor for comments and questions from the board. Discussion took place.

VIII. BREAK

The board adjourned for a break at 11:14 a.m. and reconvened at 11:21 a.m.

IX. PUBLIC PARTICIPATION

Co-Chair Brader acknowledged additional members of the public who desired to provide comment.

- Dale Giddings shared verbal comments.
- Linda Rogers, SACCPJE, shared verbal comments.
- Vince Lumetta shared verbal comments. (*Written commentary included in Attachment A.*)
- Rita Mitchell shared verbal comments.
- Jerilynn Tucker shared verbal comments.
- Mike Salina shared verbal comments.
- Andrew McGraw shared verbal comments.
- Nikki Phan, Clean Water Action, shared verbal comments.

X. BREAK FOR LUNCH

Co-Chair Brader requested any additional members of the public acknowledge their desire to provide comment. Hearing none, the board adjourned for lunch at 11:43 p.m. and reconvened at 1:02 p.m.

XI. INDEPENDENT RISK ANALYSIS UPDATE

Guy Meadows provided a presentation. Discussion took place.

**Craig Hupp moved, seconded by Jennifer McKay, that the Co-Chairs appoint a balanced committee to act as a sounding board for the Independent Risk Analysis research team. The committee would not substitute decisions of the board as a whole. The vote was taken on the motion. The motion carried unanimously.**

## Michigan Pipeline Safety Advisory Board

## Minutes

December 11, 2017

Page 4 of 5

**XII. ENBRIDGE AGREEMENT UPDATE**

Keith Creagh provided an update. Discussion took place.

**XIII. FORMAL DISCUSSION OF ENBRIDGE AGREEMENT**

Jennifer McKay provided background on a memorandum and three resolutions seeking action by the board. Discussion took place.

**Jennifer McKay moved, seconded by Michael Shriberg, that the board approve the resolution calling for action by the State to amend the agreement with Enbridge regarding coating gaps (Attachment B). Roll call vote was taken. The motion carried with members Hupp, Mandoka, McKay, Shepler, and Shriberg voting in favor; Co-Chair Brader and members Creagh, Kelenske, Lyon, Schneider, Shamla, and Talberg abstaining; and Pillon voting against. Co-Chair Grether was not present for the vote. Jerome Popiel is a non-voting member.**

**Craig Hupp moved, seconded by Jennifer McKay, that the board approve the resolution calling for action by the State to amend the agreement with Enbridge regarding the revision of “sustained adverse weather conditions” (Attachment C). Roll call vote was taken. The motion carried with members Hupp, Mandoka, McKay, Shepler, and Shriberg voting in favor; Co-Chair Brader and members Creagh, Kelenske, Lyon, Pillon, Schneider, Shamla, and Talberg abstaining. Co-Chair Grether was not present for the vote. Jerome Popiel is a non-voting member.**

**Jeff Pillon moved, seconded by Craig Hupp, that the board amend the last paragraph of resolution regarding the need for further assessment of Michigan-focused alternatives to Line 5 (Attachment D) as such:**

*NOW, THEREFORE, BE IT RESOLVED, that the State conduct a detailed analysis on the public need for Line 5 in Michigan, a more robust study of alternative pipeline capacity to reroute the portion of Line 5's flow dedicated to Michigan's needs, and a more robust study of options to supply propane and oil to meet Michigan's needs currently met by Line 5, **supplied from sources both in and outside the state of Michigan**, and to transport of oil to market from northern Michigan. This analysis would be completed by no later than June 25, 2018.*

**The vote was taken on the motion. The motion carried unanimously.**

**Michael Shriberg moved, seconded by Craig Hupp, that the board approve the amended resolution calling for action by the State to amend the agreement with Enbridge regarding the need for further assessment of Michigan-focused alternatives to Line 5 (Attachment D). Roll call vote was taken. The motion carried with members Hupp, Pillon, Mandoka, McKay, Shepler, and Shriberg voting in favor; Co-Chair Brader and members Creagh, Kelenske, Lyon, Schneider, Shamla, and Talberg abstaining. Co-Chair Grether was not present for the vote. Jerome Popiel is a non-voting member.**

Michigan Pipeline Safety Advisory Board

Minutes

December 11, 2017

Page 5 of 5

XIV. ORGANIZATIONAL ITEMS

Co-Chair Brader highlighted the proposed meeting dates for 2018. Discussion took place regarding adjustment of the schedule to better facilitate work deadlines. Follow-up with proposed dates will be conducted via e-mail.

XV. ADJOURN

Co-Chair Brader called the meeting to adjourn at 3:12 p.m.

NEXT MEETING      TBA

Lumetta, Vincent 12-11-17 PSAB

The last few times I spoke here I highlighted my frustration with this process in trying to find an intelligent solution to the line 5 issue. Well, my frustration is now turning to anger and I'll bet that many of you on this board are, if not angry, a bit agitated. With all the effort we have all put into this and to have a backroom deal with the devil... well, who wouldn't be upset. We should have known better. This is the guy that gave us failed emergency manager programs, the Flint debacle and, oh yah, he taxed my pension too.

And then there is our wonderful Attorney General. He could have put this right a long time ago... If he had a spine. This state is purely lacking true leadership. I'm talking about leadership that that represents the needs of the state and its people.

There have been tens of thousands of comments favoring decommissioning line 5. Plus there have been editorials, letters to the editors, resolutions from citizens, business and tribes giving good argument for decommissioning. Yet our leadership ignores this and listens to Enbridge. Something is not right here.

Lumetta, Vincent 12-11-17 PSAB

Mr. Shamla, you say your company is going through a cultural change. I'm not seeing it. Whenever we gather for public comment Enbridge employees and contractors are present and they often project hostile and intimidating attitude. Believe me, we are not intimidated. But it tells me that your change of culture has a long way to go.

After World War II we had a huge population spike. Roads, bridges and other infrastructure, including pipelines couldn't be built fast enough. If any thought was given in advance many of these structures would not have ended up where they are now. Right now, the infrastructure of this nation is failing at a rapid rate, yet you want to tell us that you have a pristine piece of pipe in the Straits of Mackinac. We know that pipe is at or near its end of life cycle. We are not fools. Well, you may have found one fool and his name is Rick Snyder.

Yesterday I attended a Cantata in Mackinaw City to celebrate the birth of Jesus. A beautiful event. A prayer was offered to begin the program. One part of the prayer was to give thanks for all the beauty and nature that Northern Michigan has to offer.



Lumetta, Vincent 12-11-17 PSAB

If you continue to pump your poison through that pipe it is going to fail and you – we will never be able to clean it up and all that beauty and nature will be lost, and so will the lives and livelihoods of many people.

Mr. Shamla, I hope you live a long life. And everyday when you get out of bed I want you to carry the shame and the guilt of what you reaped on the people of Michigan. And when your time comes you will stand before God He will ask you how you could put profits over His children and His beauty and His nature.

I want to know. How will you answer that? How will you?

**A Resolution Set Forth by the Michigan Pipeline Safety Advisory Board  
Regarding the Agreement Between the State of Michigan and Enbridge Energy, Limited  
Partnership and Enbridge Energy Company, Inc. (November 27, 2017)**

**ACTION ON COATING GAPS**

WHEREAS the Michigan Pipeline Safety Advisory Board (MPSAB) was created by Governor Snyder's Executive Order 2015-14;

WHEREAS the MPSAB was established to advise and assist in the implementation of matters relating to hazardous liquid and gas pipeline safety, routing, construction, operation and maintenance, and provide recommendations for statutory, contractual, or procedural changes to improve the safety of pipelines in this state;

WHEREAS on November 27, 2017, the Governor for the State of Michigan entered into an Agreement Between the State of Michigan and Enbridge Energy, Limited Partnership and Enbridge Energy Company, Inc. ("the Agreement");

WHEREAS the Agreement is a contract intended to improve the safety of Enbridge's pipelines within the State that requires improved practices for pipeline safety and emergency response at the Straits, the St. Clair River and throughout the State of Michigan;

WHEREAS the Agreement provides the State may propose amendments to the Agreement and Enbridge agrees to consult in good faith in an effort to reach an agreement on any proposed amendment;

WHEREAS the State issued an Easement to Lakehead Pipeline Company Inc., subsequently renamed Enbridge Energy Company, Inc. on April 23, 1953 pursuant to Act No. 10, PA 1953. The Easement was granted subject to terms and conditions, including minimum specifications, conditions and requirements;

WHEREAS Section A.(9) of the Easement states "All pipe shall be protected by asphalt primer coat;" and

WHEREAS Enbridge recently inspected 48 out of 128 anchor locations along the pipeline route in the Straits and a majority of those 48 areas have coating gaps. The remaining 80 anchor locations still need to be inspected to identify additional coating gaps.

NOW, THEREFORE, BE IT RESOLVED, that the State shall immediately propose an amendment to the Agreement requiring Enbridge to temporarily shut down Line 5 operations in the Straits until the rest of the Dual Pipelines in the Straits of Mackinac can be inspected and all of the

bare steel and coating issues are fully repaired, in order to meet the terms and conditions set forth in the Easement. During this temporary shutdown, Enbridge would be required to ensure that propane is delivered to the Michigan markets served by Line 5 at a reasonable cost to customers;

AND, LET IT BE FUTHER RESOLVED, that the MPSAB calls upon Governor Rick Snyder to ensure full transparency by including consultation with the MPSAB with regard to future agreements or amendments to agreements with Enbridge.

**A Resolution Set Forth by the Michigan Pipeline Safety Advisory Board  
Regarding the Agreement Between the State of Michigan and Enbridge Energy, Limited  
Partnership and Enbridge Energy Company, Inc. (November 27, 2017)**

**Revise “Sustained Adverse Weather Conditions”**

WHEREAS the Michigan Pipeline Safety Advisory Board (MPSAB) was created by Governor Snyder’s Executive Order 2015-14;

WHEREAS the MPSAB was established to advise and assist in the implementation of matters relating to hazardous liquid and gas pipeline safety, routing, construction, operation and maintenance, and provide recommendations for statutory, contractual, or procedural changes to improve the safety of pipelines in this state;

WHEREAS on November 27, 2017, the Governor for the State of Michigan entered into an Agreement Between the State of Michigan and Enbridge Energy, Limited Partnership and Enbridge Energy Company, Inc. (“the Agreement”);

WHEREAS the Agreement is a contract intended to improve the safety of Enbridge’s pipelines within the State that requires improved practices for pipeline safety and emergency response at the Straits, the St. Clair River and throughout the State of Michigan;

WHEREAS the Agreement provides the State may propose amendments to the Agreement and Enbridge agrees to consult in good faith in an effort to reach an agreement on any proposed amendment;

WHEREAS Section I.C of the Agreement provides that Enbridge will temporarily shut-down the operation the Dual Pipelines while “Sustained Adverse Weather Conditions” remain in the effect in the Straits, and “Sustained Adverse Weather Conditions” are defined in the Appendix as “conditions in which median wave heights in the Straits of Mackinac over a continuous 60-minute period are greater than 8 feet based on ‘Near-real Time Data’ or in its absence ‘Modeled Data’”;

WHEREAS the current definition of “Sustained Adverse Weather Conditions” is inadequate to protect the public health, safety, and welfare and the unique ecological and natural resources of the Straits Crossing in the event of a release of petroleum from Line 5 because it does not correlate with conditions in the Straits that would prevent or significantly impair containment and recovery of spilled oil using current emergency response capabilities in the Straits of Mackinac based upon available equipment and resources; and

WHEREAS there are many maritime conditions that would prevent or significantly impair the effective containment and recovery of spilled oil or exacerbate the spread of spilled oil, including wave height, wind, ice cover, and surface and subsurface currents.

NOW, THEREFORE, BE IT RESOLVED, that the State immediately propose an amendment to modify the definition of “Sustained Adverse Weather Conditions” to “conditions in which median wave heights in the Straits of Mackinac over a continuous 60-minute period are greater than 3 feet based on ‘Near-real Time Data’ or in its absence ‘Modeled Data,’” because the current emergency response equipment cannot effectively respond to oil spills in waves greater than such conditions;

AND, LET IT BE FURTHER RESOLVED, that the State, in conjunction with federal, state, local and tribal agencies responsible for spill response in the Straits of Mackinac and the Oil Spill Response Organizations (OSROs) presently retained to perform response actions, shall promptly identify spilled oil removal sea state capabilities for current emergency response equipment as well as operational limitations associated with other maritime conditions including but not limited to wind speed, ice cover, and currents;

AND, LET IT BE FURTHER RESOLVED, that the State, in consultation with the MPSAB, shall propose an additional amendment to the Agreement to replace the definition of “Sustained Adverse Weather Conditions” with a new term “Significant Adverse Maritime Conditions” defined to include all maritime conditions based upon the identified sea state capabilities and operational limitations of watercraft and equipment that would prevent or significantly impair the effective containment and recovery of spilled oil or significantly exacerbate the spread of spilled oil;

AND, LET IT BE FURTHER RESOLVED, that the MPSAB calls upon Governor Rick Snyder to ensure full transparency by including consultation with the MPSAB with regard to future agreements or amendments to agreements with Enbridge.

**A Resolution Set Forth by the Michigan Pipeline Safety Advisory Board  
Regarding the Agreement Between the State of Michigan and Enbridge Energy, Limited  
Partnership and Enbridge Energy Company, Inc. (November 27, 2017)**

**Need for Further Assessment of Michigan-Focused Alternatives to Line 5**

WHEREAS the Michigan Pipeline Safety Advisory Board (MPSAB) was created by Governor Snyder's Executive Order 2015-14;

WHEREAS the MPSAB was established to advise and assist in the implementation of matters relating to hazardous liquid and gas pipeline safety, routing, construction, operation and maintenance, and provide recommendations for statutory, contractual, or procedural changes to improve the safety of pipelines in this state;

WHEREAS on November 27, 2017, the Governor for the State of Michigan entered into an Agreement Between the State of Michigan and Enbridge Energy, Limited Partnership and Enbridge Energy Company, Inc. ("the Agreement");

WHEREAS the Agreement is a contract intended to improve the safety of Enbridge's pipelines within the State that requires improved practices for pipeline safety and emergency response at the Straits, the St. Clair River and throughout the State of Michigan;

WHEREAS, the Agreement requires additional analysis of only one of the six outlined alternatives from the Final Alternatives Analysis Report currently under formal review with MPSAB and the public – replacement of Line 5 by evaluating the following options: placing a new pipeline in a tunnel under the Straits, installing a new pipeline below the lakebed using horizontal directional drilling, and placing a new pipeline in a secondary containment system in a trench on the bottom of the Great Lakes; and

WHEREAS, the Final Alternatives Report fails to fully review alternatives from the perspective of the State of Michigan and the needs of its citizens, fails to consider the public need for Line 5 in Michigan, fails to sufficiently evaluate alternative pipeline capacity and mixed modal transport, and fails to sufficiently evaluate workable alternatives to supply propane and oil to meet Michigan's needs currently met by Line 5.

NOW, THEREFORE, BE IT RESOLVED, that the State conduct a detailed analysis on the public need for Line 5 in Michigan, a more robust study of alternative pipeline capacity to reroute the portion of Line 5's flow dedicated to Michigan's needs, and a more robust study of options to supply propane and oil to meet Michigan's needs currently met by Line 5, supplied from sources both in and outside the State of Michigan, and to transport of oil to market from northern Michigan. This analysis would be completed by no later than June 25, 2018.

**From:** Jennifer McKay [<mailto:jenniferm@watershedcouncil.org>]

**Sent:** Friday, January 12, 2018 4:06 PM

**To:** Creagh, Keith (DNR) <[creaghk@michigan.gov](mailto:creaghk@michigan.gov)>; Grether, Heidi (DEQ) <[GretherH@michigan.gov](mailto:GretherH@michigan.gov)>

**Subject:** 2018 PSAB Agenda Items

Hi Keith and Heidi,

At the last PSAB meeting, Valerie asked us to identify agenda items for the remaining 2018 board meetings. Below are my suggestions for agenda items based upon our charge and the recommendations in the Task Force report. If you want details or an explanation about any of the topics, just let me know.

Independent risk analysis and adequate financial assurance for the Straits Pipelines

- Worst Case Scenario
- Assumptions

Analysis of alternatives to the existing Straits Pipelines

- Identification of what is lacking and additional work that needs to be done
- Completion of analyses

Legislation requiring state review and approval of oil spill response plans, improved spill reporting, and more robust civil fines

- Update on status
- Discussion on concerns/issues with language in HB 5198 introduced by Rep. Chatfield in December 2015

Evaluate whether to establish a Hazardous Liquids Pipeline Safety Program

- Obtain written report from staff

Continuing Petroleum Pipeline Information website

- How will website be maintained/updated after PSAB and with what information?

Legislation or rulemaking to improve siting process for new petroleum pipelines

- Siting Subcommittee Report

Pipeline Mapping

- Assistance from Upton

Response from Governor/Administration on resolutions that passed

Agreement between the State of Michigan and Enbridge

- Further Agreement Concerning Pipelines Across the Straits

Emergency Response procedures and planning

- In-situ Burn

Coating Inspections and Repairs

- Interim Report to PSAB Members
- Schedule to complete inspections
- Number of girth welds and location of bare spots/calcareous deposits in relation to welds

PHMSA Audit of Line 5

Biota Study

Evaluation of Straits and St. Clair Crossings

- What is present? (pipelines, cables, etc.)

TransCanada

- Potential to repurpose the Great Lakes Gas Transmission Line, located in the Straits of Mackinac, from natural gas to hazardous liquids.

Thanks and have a great weekend!

Jennifer



*Jennifer McKay*

Policy Director

Tip of the Mitt Watershed Council

(231) 347-1181

[jenniferm@watershedcouncil.org](mailto:jenniferm@watershedcouncil.org)

<http://www.watershedcouncil.org/>





R. CRAIG HUPP

569 Notre Dame, Grosse Pointe MI 48230  
313.333.5591 | rchgrossepointe@gmail.com

Keith Creagh, Director  
Michigan Department of Natural Resources  
creaghk@michigan.gov

Heidi Grether, Director  
Department of Environmental Quality  
[gretherh@michigan.gov](mailto:gretherh@michigan.gov)

VIA EMAIL

February 15, 2018

Re: Pipeline Safety Advisory Board February 26, 2018 Meeting Agenda Items

Dear Keith and Heidi:

This letter is submitted on behalf of Board Members Jennifer McKay, Chris Shepler, Jeff Pillon, Michael Shriberg, Homer Mandoka and myself as suggestions of agenda items for information, discussion and/or action at our February 26 meeting. Because several items pertain to technical work underway related to Line 5, we support extending the length of the meeting if your review of the entire agenda indicates the allotted two-hour meeting time will be insufficient.

Procedural Items

1. Discussion of Voting Requirements. There was some confusion at the last PSAB meeting with regard to the requirements for passage of resolutions. As the Governor's letter of January 26, 2018, points out there appears to be an inconsistency between the majority requirement as defined in the Executive Order (a majority of all members of the Board) and the requirement in the Bylaws (a majority of all members voting, excluding the co-chairs who do not vote). In addition, there is the larger question of how the Board will be able to achieve the majority needed to give formal advice to the Governor if PSAB members abstain from a matter brought up for a vote.
2. Advance Notice of Proposed Action Items. Several Board members expressed concern at the December meeting that they had not had time to consider the merits of several of the resolutions brought before Board. That concern is legitimate and should be addressed. We believe it would be appropriate for the Board to amend its Bylaws to require, as a general procedure, that proposed action items be provided to the Board co-chairs and Secretary in writing at least seven days in advance of a regularly scheduled meeting along with supporting materials.



R. CRAIG HUPP

569 Notre Dame, Grosse Pointe MI 48230  
313.333.5591 | rchgrossepointe@gmail.com

Yesterday, Jeff Pillon sent specific recommendations on both topics to you by email.

#### Risk Analysis

3. Final Contract. We ask that the final scope/statement of work and its revised schedule be posted on the PSAB website. A check this morning revealed that the web link on the michiganpetroleumpipelines page is not working.
4. Status Report. A status report to the Board on the study and its revised schedule will be helpful.
5. Worst Case Scenario. A report on the current thinking with regard to defining the worst-case discharge scenario(s) followed by an in-depth Board discussion. In our December discussions, the Board concluded this would be an important subject for discussion and input at this meeting.

#### Discussion of Studies to Fill in the Gaps in the Alternatives Study

The Board has received many comments and has had some discussion of several major limitations in the Alternatives Analysis, including its failure to provide a satisfactory analysis of alternatives for Line 5's transport of Michigan's internal energy transportation needs and its failure to provide a thorough analysis of regional alternatives to Line 5.

6. Intra-Michigan Energy Transport. The Governor's January 26 letter states that the State is undertaking a study of alternatives for propane transport and supply to the U.P. and oil and gas transportation to market from the northern L.P. The State should provide a report to the Board with a more detailed description of this effort including timelines for completion. The State should inform the Board when the information will be shared with the PSAB so the Board is prepared to make an informed recommendation in conjunction with its review of and advice with regard to the Risk Analysis.
7. Alternatives to Line 5. The Governor's letter left open whether or how the State might address the larger question whether it is feasible to eliminate Line 5 from the regional petroleum product transportation network. It sought suggestions from Board members how such a study would be accomplished. This is a good topic for Board discussion. As a discussion starter for the Board meeting, perhaps the Risk Analysis's Broader Impacts team address could help address this.

We note that a shortcoming of the Alternatives Analysis scope was it appeared to limit the consultant to considering alternative pipeline capacity that is presently available. That is the wrong time perspective; the correct perspective is the medium to long term, 5 to 30 years. That is the appropriate planning horizon for any major



R. CRAIG HUPP

569 Notre Dame, Grosse Pointe MI 48230  
313.333.5591 | rchgrossepointe@gmail.com

infrastructure project. Enbridge's planning and decision-making horizon is at least 30 years and so should be the State's.

In evaluating alternatives to Line 5, the choice is not between terminating Line 5 now or never, which is how the debate has been framed for the past three years. Enbridge's proposal is to operate Line 5 for at least another 30 years (actually, indefinitely). Therefore, an analysis of alternative capacity should address whether and when alternative capacity might be developed. The answer to those questions is clearly "yes" to the first and "at some time much less than 30 years" to the second. For example, could alternative capacity become available in about the same time as a Straits pipeline tunnel could be completed? That is the kind of analysis that should be undertaken to permit a thoughtful evaluation of what should be done about Line 5.

#### Coordination with All of the Ongoing Studies Related to Line 5.

These studies include:

- The new Risk Analysis;
- State of Michigan's study of alternatives for propane transport and supply to the U.P. and oil and gas transportation to market from the northern L.P.;
- Enbridge's Evaluation of the Tunnel and Trench Alternatives to Replace the Dual Pipelines; and
- Evaluation of Line 5 Water Crossings Other Than the Straits.

Following action at the last PSAB meeting, Chair Valerie Brader established a Board subcommittee to be a resource and sounding board for the Risk Analysis contractor. The subcommittee will be participating in monthly conference calls between the State and the contractor.

8. Expand Board Subcommittee Involvement. We see substantial value in having a senior representative of each of the teams carrying out the above studies participate in a monthly call with the Board subcommittee. That will permit the Board subcommittee to be a sounding board for all these other Line 5 studies, to develop a coordinated overview of all of these studies and how they interrelate, and to advise the Board on the progress of all these studies.

#### Line 5 Integrity Issues

The Board has received several submissions, most notably from Ed Timm, PhD PE, challenging the conclusion in the Alternatives Analysis that Line 5 is in a structurally sound condition. These submissions conclude Line 5 is structurally unsound or its structural integrity has been jeopardized. They are supported by detailed engineering/technical analyses taking into account construction and condition data not



R. CRAIG HUPP

569 Notre Dame, Grosse Pointe MI 48230  
313.333.5591 | rchgrossepointe@gmail.com

considered in the Alternatives Analyses. The Board needs to know whether these critiques raise genuine safety issues.

9. Independent Review of Line 5 Engineering Analyses. We recommend that Dr. Timm's and any similar submissions to the Board received before or during the public comment process be submitted to an expert(s) for review and evaluation. We hope that expertise available from Risk Analysis team members can be made available for this review.

#### Further Consideration of Adverse Weather Conditions

Although the Governor's letter made clear he would not support any action that would jeopardize energy supply to the U.P., the issue underlying this subject needs to be address. The "adverse weather condition" term in the State/Enbridge agreement and the "adverse weather condition" resolution were prompted by the same concern – that there are times that an effective oil spill response cannot be conducted in the Straits because of wind and weather conditions. We note that Chris Shepler has informed us that some or all of the Straits has been impassable for most of the last six weeks to vessels smaller than Coast Guard icebreakers, suggesting this issue is of immediate concern.

10. Evaluation of Adverse Conditions and Current Emergency Response Plans. We continue to urge the State to undertake a study in conjunction with the Coast Guard, Enbridge and local emergency responders and planning organizations to identify the operational limitations of oil response vessels and equipment included in present emergency response plans, to analyze the frequency of adverse maritime conditions in the Straits, and to identify the frequency and seasonal pattern (if any) of conditions that will significantly prevent effective response actions by the vessels and equipment included in current response plans. Such a study is needed to support and improve existing emergency response plans as well as inform specification of a worst-case spill scenario.

Sincerely,

*R. Craig Hupp*

On behalf of the Board Members listed above.

Cc: Holly Simons  
Jeff Pillon  
Homer Mandoka  
Jennifer McKay



R. CRAIG HUPP

569 Notre Dame, Grosse Pointe MI 48230  
313.333.5591 | [rchgrossepointe@gmail.com](mailto:rchgrossepointe@gmail.com)

Michael Shriberg  
Chris Shepler

**Simons, Holly (DEQ)**

---

**From:** Jennifer McKay <jenniferm@watershedcouncil.org>  
**Sent:** Friday, February 16, 2018 12:29 PM  
**To:** Grether, Heidi (DEQ); Craig Hupp; Creagh, Keith (DNR); Simons, Holly (DEQ)  
**Cc:** Pillon, Jeffery; Michael Shriberg; homer mandoka; Chris Shepler  
**Subject:** RE: PSAB correspondence re possible agenda items

Heidi and Keith:

Due to a miscommunication, the letter sent to you by Craig Hupp on behalf of a number of Michigan Pipeline Safety Board Members on February 15, 2018 regarding the February 2018 PSAB Agenda was sent out prior to my final review and approval. As a result, while Tip of the Mitt Watershed Council agrees with the majority of principals put forth in the letter, I should not have been listed as a signatory to the letter. I apologize for any confusion. I am certainly willing to discuss this in more detail with you should you like.

Thank you,  
Jennifer



*Jennifer McKay*  
Policy Director  
Tip of the Mitt Watershed Council  
(231) 347-1181  
jenniferm@watershedcouncil.org  
<http://www.watershedcouncil.org/>

**Simons, Holly (DEQ)**

---

**From:** Jeff Pillon <JPillon@naseo.org>  
**Sent:** Thursday, February 15, 2018 10:13 AM  
**To:** Creagh, Keith (DNR); Grether, Heidi (DEQ)  
**Cc:** Simons, Holly (DEQ); Reichel, Robert (AG)  
**Subject:** Proposed Modifications to Pipeline Safety Advisory Board Meeting Procedures  
**Attachments:** Proposed Changes to PSAB Meeting Procedures 2-15-18.docx

Attached are two proposed modifications to Pipeline Safety Advisory Board Meeting Procedures I am submitting for consideration by the Board at its meeting on February 26, 2018.

Please contact me if you have any questions or concerns.

Jeff Pillon, Member of the Board  
Phone 517-580-7626

## **Proposed Modifications to Pipeline Safety Advisory Board Meeting Procedures**

At the last meeting of the Pipeline Safety Advisory Board there was confusion regarding voting and the board received material had not be available in advance of the meeting. The following is a proposal to address these two issues that is being submitted for consideration by the Board at its February 26, 2018 meeting by Jeffrey Pillon member of the Pipeline Safety Advisory Board.

Background Information:

**Executive Order No. 2015 -12 Creation of Pipeline Safety Advisory Board** states:

“A majority of the members of the Board serving constitutes a quorum for the transaction of the board's business. The Board shall act in making its recommendations by a majority vote of its serving members.”

**The Governor’s January 26<sup>th</sup> letter to the Board** said:

“First, I would like to note that the chair was incorrect when she stated that the resolutions passed. I note that under Executive Order 2015-12, Section III.F, "the Board shall act in making its recommendations by a majority vote of its *serving* members." (Emphasis added). As of December 9th, there were fifteen serving members of the Board. Since all the resolutions received fewer than eight votes in favor, none of the resolutions were actually actions by the Board. That being said, I appreciate the service of each of you, and would like to address the topics of the resolutions.”

**Pipeline Safety Advisory Board Meeting Procedures ARTICLE I – PUBLIC MEETINGS** states:

### Section 6: Quorum

Fifty-one percent (51%) or more, members of the Advisory Board, shall constitute a quorum at any regular or special meeting for the purpose of transacting business of the Advisory Board.

### Section 7: Voting

The chairpersons may call for a vote of the Advisory Board. All voting shall be by a voice vote. A majority vote of the remaining members will bind. All votes shall be recorded and reflected in the minutes.

### Section 10: Parliamentary Authority

All meetings shall be governed by any statute pertinent to this Advisory Board, and using simplified **Robert's Rules of Order**, in all cases where they are applicable, and in which they are not inconsistent with these **Rules of Procedure** and any special rules of order the Advisory Board may adopt. Those being: **Motion, Amendment, Amending the Amendment, Substitute Motion, Speaking on Motions or Amendments, End Debate, Table, Point of Information, Point of Order or Appeal from Chair.**



### Section 11: Agenda

The agenda for each regular meeting shall be prepared by the Advisory Board's Staff Assistant, in consultation with the Chairpersons, on the basis of all materials received by the staff assistant, either written or oral, fourteen (14) days before convening of the next regular meeting and published not less than seven (7) days prior to, or immediately upon, preparation of same. An agenda for special meetings shall be prepared and sent to Advisory Board Members with the notification of the meeting.

---

Two changes are suggested to clarify these matters:

1. To make the meeting procedures consistent with to the executive order No. 2015-12 it is proposed to amend Section 7 Voting of the Pipeline Safety Advisory Board Meeting Procedures as follows:

The chairpersons may call for a vote of the Advisory Board. All voting shall be by a voice vote. A majority vote of ITS SERVING MEMBERS ~~the remaining members~~ will bind. All votes shall be recorded and reflected in the minutes.

2. It is proposed to add the following additional language Section 11: Agenda of the Pipeline Safety Advisory Board Meeting Procedures:

ANY RESOLUTIONS OR OTHER MATTERS, AND SUPPORTING MATERIALS, THAT MAY REQUIRE A VOTE BY THE BOARD SHALL BE PROVIDED TO THE MEMBERS OF THE BOARD NOT LESS THAN SEVEN (7) DAYS PRIOR TO A MEETING OF THE BOARD AT WHICH THE RESOLUTION OR MATTER MAY BE VOTED UPON. THE BOARD BY MAJORITY VOTE MAY SUSPEND THIS REQUIREMENT FOR MORE URGENT MATTERS THAT REQUIRE ACTION.

**From:** [noreply@engagingplans.org](mailto:noreply@engagingplans.org)  
**To:** [MiPetroleumPipelines](#)  
**Subject:** Form submission from: Contact Us  
**Date:** Monday, December 11, 2017 9:08:16 AM

---

Submitted on Monday, December 11, 2017 - 9:06am

Submitted by anonymous user: 162.82.215.154

Submitted values are:

Your Name: Grace Bostic

Your Email Address: [bosticlr@aol.com](mailto:bosticlr@aol.com)

Your Phone Number: 248-559-7318

Subject: Submit Information/Comments

Attachment:

Your Message: Please, please do not let this pipeline contaminate the Great Lakes. Either fix it or remove it!

The results of this submission may be viewed at:

<https://mipetroleumpipelines.com/node/5/submission/182>

**From:** [noreply@engagingplans.org](mailto:noreply@engagingplans.org)  
**To:** [MiPetroleumPipelines](#)  
**Subject:** Form submission from: Contact Us  
**Date:** Monday, December 11, 2017 7:27:31 AM

---

Submitted on Monday, December 11, 2017 - 7:26am

Submitted by anonymous user: 172.243.119.206

Submitted values are:

Your Name: KATHERINE MANVILLE

Your Email Address: [jkmbml@peoplepc.com](mailto:jkmbml@peoplepc.com)

Your Phone Number: 906 586 3205

Subject: Submit Information/Comments

Attachment:

Your Message: Enbridge's Line 5 has served its purpose and should now be shut down.. We should do everything within our power to protect our Great Lakes and that includes removing an aging oil pipeline that should never have been built. Danger of spillage in our pristine Upper Peninsula and Straits of Mackinac is unthinkable. Alternatives should be explored and used to provide energy. Please do the right thing before it is too late.

The results of this submission may be viewed at:

<https://mipetroleumpipelines.com/node/5/submission/181>

To: Michigan Pipeline Safety Advisory Board  
Governor Snyder  
Attorney General Schuette

Re: Enbridge Line 5 and the Public Process

It's difficult to know what to say....

It's been three months since we were present for the public slap on the hand for Enbridge's lies and cover-ups.

In a sense, I'm glad the agreement brokered in secret between Enbridge and the state is out on the table. It's becoming more difficult to deny the systemic corruption of government in Michigan by powerful interests.

Drilling a tunnel under the Straits or cutting into the lake bed would be acts of gratuitous violence, a rape of the land. We will not allow this to happen.

The years pass, the climate unravels, the profits and the studies pile up. People are denied access to water or have been poisoned by it. Every week we hear more bad news about water contamination in Michigan. Life has become very cheap.

We live in a time of greed, foolishness and arrogance. Concerned for our own comforts, blind to the consequences, with only bankrupt ideologies that offer no solutions to today's challenges.

We are living through the end of an era. A time when each one of us is called to examine where our integrity lies. We who love this land and these waters have not grown weary of protecting them. The only decisions that deserve our support are the ones that allow life to flourish.

We will continue to work for the decommissioning of Line 5, and encourage you to do the same. However, I do not believe this process is working in the best interests of life or the future. I can no longer in good conscience participate in it.

Respectfully,  
Rev. Deb Hansen,  
Concerned Citizens of Cheboygan and Emmet County  
Board member, Michigan Interfaith Power & Light

**From:** [noreply@engagingplans.org](mailto:noreply@engagingplans.org)  
**To:** [MiPetroleumPipelines](#)  
**Subject:** Form submission from: Contact Us  
**Date:** Tuesday, December 12, 2017 2:52:08 PM

---

Submitted on Tuesday, December 12, 2017 - 2:51pm

Submitted by anonymous user: 97.87.30.94

Submitted values are:

Your Name: Anabel Dwyer

Your Email Address: [anabeldwyer@yahoo.com](mailto:anabeldwyer@yahoo.com)

Your Phone Number: 231 436 5654

Subject: Submit Information/Comments

Attachment:

Your Message:

To: Michigan Pipeline Safety Advisory Board

Re: Public Comment on the November. 11/17, 2017 Agreement between the the State of Michigan and Enbridge Energy, LP and Enbridge Energy, Co., Inc. (Agreement)

From: Anabel Dwyer, Straits Area Concerned Citizens on Peace, Justice & Environment  
December 11, 2017

The Governor holds the health and safety of the Great Lakes in trust for (on behalf of) all the people of Michigan.

Our understanding as citizens of Michigan, and especially as residents of the Straits area is that Line 5 must be closed before a rupture to prevent irreparable harm. Because of the physical condition of the pipeline and the particular conditions of the waters of the Straits of Mackinac we cannot and should not wait for a “longer-term set of decisions about the future of pipeline operations.”

We request immediate answers to the following questions based on more than two years of serious study and action on the condition and ever-present danger of a catastrophic rupture posed by 64 year-old Line 5 and our understanding of the fatal flaws in the Contingency Plans to address a rupture in the Straits and other water crossings of Line 5. .

1. What figures are you using regarding volume of what oil delivered from where to where to claim that Line 5 is vital to the people of Michigan?

2. In addition to the named 1953 Easement and the Consent Decree what specific rules and principles of law are the Governor and Enbridge applying to what specific facts in the Agreement? Who precisely is evaluating, assessing and applying what law to what facts in regard to to sections A-C of the Agreement?

3. Regarding the Agreement “B. Discontinuation of Line 5 Operations in the Straits During Sustained Adverse Weather Conditions:” Since your purpose must be to prevent a rupture why are you only “facilitating effective emergency response” by agreeing to close Line 5 only “under conditions of wave heights in the Straits of Mackinac over a continuous 60-minute period are greater than 8 feet (Appendix A)”?

We request an open accounting from Enbridge and the State of Michigan regarding:

1. Enbridge’s gross income from Line 5

2. Enbridge's expenditures for studies to and repairs of Line 5.
3. Enbridge's insurance liability and coverage for the costs of a worst case-spill in the Straits of Mackinaw.

Both Enbridge and the State of Michigan would be far better served by closing Line 5 now before it's too late and making a smooth transition to solar, wind, geo-thermal, reforestation, conservation.

We look forward to your immediate response to these and other questions. Thank you.

The results of this submission may be viewed at:

<https://mipetroleumpipelines.com/node/5/submission/184>

**From:** [noreply@engagingplans.org](mailto:noreply@engagingplans.org)  
**To:** [MiPetroleumPipelines](#)  
**Subject:** Form submission from: Contact Us  
**Date:** Wednesday, December 13, 2017 12:26:29 PM

---

Submitted on Wednesday, December 13, 2017 - 12:26pm

Submitted by anonymous user: 104.191.160.30

Submitted values are:

Your Name: Joseph P. Fischer

Your Email Address: [JosephF@bayengna.com](mailto:JosephF@bayengna.com)

Your Phone Number: 920 743 8282

Subject: Other

Attachment:

Your Message:

Please read page 6 of "Novel Concepts in Icebreaker Design" by Joseph P, Fischer presented to Great Lakes and Great Rivers Section, SNAME, Oct 6, 2016

I can email a PDF copy if you send email address.

The results of this submission may be viewed at:

<https://mipetroleumpipelines.com/node/5/submission/188>

**From:** [noreply@engagingplans.org](mailto:noreply@engagingplans.org)  
**To:** [MiPetroleumPipelines](#)  
**Subject:** Form submission from: Contact Us  
**Date:** Thursday, December 14, 2017 8:11:19 AM

---

Submitted on Thursday, December 14, 2017 - 8:10am

Submitted by anonymous user: 207.75.194.186

Submitted values are:

Your Name: Johanna Bogater

Your Email Address: [johanna\\_bogater@hotmail.com](mailto:johanna_bogater@hotmail.com)

Your Phone Number:

Subject: Submit Information/Comments

Attachment:

Your Message: Please consider the health and safety of Michiganders! Not only is that at stake but so is the economy of our state. If and when a spill happens our tourism a shot! And Enbridge has proven they do not know how to respond in an appropriate fashion! Shut it down!

The results of this submission may be viewed at:

<https://mipetroleumpipelines.com/node/5/submission/190>



**From:** [noreply@engagingplans.org](mailto:noreply@engagingplans.org)  
**To:** [MiPetroleumPipelines](#)  
**Subject:** Form submission from: Contact Us  
**Date:** Sunday, December 17, 2017 4:55:56 PM

---

Submitted on Sunday, December 17, 2017 - 4:55pm

Submitted by anonymous user: 74.199.75.196

Submitted values are:

Your Name: Marilyn Bachorik

Your Email Address: [mlbachorik@wowway.com](mailto:mlbachorik@wowway.com)

Your Phone Number: 3135493562

Subject: Submit Information/Comments

Attachment:

Your Message:

We need a two pronged approach to Line 5:

As soon as the weather permits, there needs to be an independent inspection of the line, one that is completely free of Enbridge influence, and that entire report should be made public, even the most technical information. Any vulnerabilities must be addressed as soon as possible.

Concurrently plans for a new pipeline should be designed and Federal (and State, if necessary) funding should be secured. When the new publicly owned pipeline is completed and operational, it would be leased to Enbridge for their use, and Line 5 would be shut down and removed from the bottom of the Straits at Enbridge's expense.

The results of this submission may be viewed at:

<https://mipetroleumpipelines.com/node/5/submission/193>

**From:** [noreply@engagingplans.org](mailto:noreply@engagingplans.org)  
**To:** [MiPetroleumPipelines](#)  
**Subject:** Form submission from: Contact Us  
**Date:** Tuesday, December 19, 2017 8:00:24 PM

---

Submitted on Tuesday, December 19, 2017 - 8:00pm

Submitted by anonymous user: 189.216.197.30

Submitted values are:

Your Name: Richard Booth

Your Email Address: [richardthomasbooth@hotmail.com](mailto:richardthomasbooth@hotmail.com)

Your Phone Number: 7348183355

Subject: Submit Information/Comments

Attachment:

Your Message: \*lease shut down Enbridge line 5. Thank you.

The results of this submission may be viewed at:

<https://mipetroleumpipelines.com/node/5/submission/244>

**From:** [noreply@engagingplans.org](mailto:noreply@engagingplans.org)  
**To:** [MiPetroleumPipelines](#)  
**Subject:** Form submission from: Contact Us  
**Date:** Tuesday, December 19, 2017 6:01:17 PM

---

Submitted on Tuesday, December 19, 2017 - 6:00pm

Submitted by anonymous user: 75.38.192.94

Submitted values are:

Your Name: Jackie Byars

Your Email Address: [jbyars@aol.com](mailto:jbyars@aol.com)

Your Phone Number: 7343959595

Subject: Submit Information/Comments

Attachment:

Your Message: When Line 5 ruptures, it will destroy the stste's economy and many, many lives.

The results of this submission may be viewed at:

<https://mipetroleumpipelines.com/node/5/submission/219>

**From:** [noreply@engagingplans.org](mailto:noreply@engagingplans.org)  
**To:** [MiPetroleumPipelines](#)  
**Subject:** Form submission from: Contact Us  
**Date:** Tuesday, December 19, 2017 7:43:20 PM

---

Submitted on Tuesday, December 19, 2017 - 7:42pm  
Submitted by anonymous user: 70.171.140.39  
Submitted values are:

Your Name: Deborah Gilbert  
Your Email Address: [debgilbert43@gmail.com](mailto:debgilbert43@gmail.com)  
Your Phone Number: 231-256-9227  
Subject: Submit Information/Comments  
Attachment:

Your Message:

Dear Advisory Board:

Gov. Snyder and Bill Schuette have absolutely no right to risk the Great Lakes, which belong to all U.S. citizens, by allowing oil to continue to flow through Pipeline 5.

Pipeline 5 is an enormous abscess in the heart of the Great Lakes that is just waiting to explode. It will poison all the Lakes eventually.

The governor and the attorney general need to understand that they work for the citizens of Michigan, not for Enbridge Corporation.

Enbridge is not a good corporate citizen. Its business strategy is to lie and postpone, lie and postpone. And Enbridge has alternative routes. They just don't want to make the effort.

This pipeline should never have been laid down under the Straits in the first place, and now is peeling, eroding and disintegrating day by day. Snyder and Schuette will go down in history as cowardly political hacks if they don't order the permanent shut down of the line immediately. And I note: WINTER IS COMING AND REPAIRING LEAKS MAY

BECOME IMPOSSIBLE. Do we want a Valdez spill or a BP/New Orleans spill in the Great Lakes? It is time to get some spine and face down the greedy, careless executives of Enbridge

.

Very, very sincerely, Deborah Gilbert

The results of this submission may be viewed at:

<https://mipetroleumpipelines.com/node/5/submission/241>

**From:** [noreply@engagingplans.org](mailto:noreply@engagingplans.org)  
**To:** [MiPetroleumPipelines](http://MiPetroleumPipelines)  
**Subject:** Form submission from: Contact Us  
**Date:** Tuesday, December 19, 2017 6:57:17 PM

---

Submitted on Tuesday, December 19, 2017 - 6:56pm

Submitted by anonymous user: 172.10.82.60

Submitted values are:

Your Name: Laurie Kaniarz

Your Email Address: [lauriszka@att.net](mailto:lauriszka@att.net)

Your Phone Number: 269-349-5637

Subject: Submit Information/Comments

Attachment:

Your Message:

It is well past time to decommission Line 5. This aged pipeline has been shown to have many defects, in addition to the fact that it is vulnerable to terrorist attack. A leak into the Great Lakes, whether due to wear or to an act of sabotage, will devastate one of the largest sources of fresh water in the world. It will destroy fragile ecosystems which may never recover, and have a catastrophic effect on our economy, in all of the Great Lakes states, nationally, and internationally. It is madness to allow Line 5 to continue pumping crude and just "hope for the best."

Our country has seen far too many oil spills to pretend it couldn't happen here. The Enbridge spill into the Kalamazoo River has already shown that commerce over environment is a foolish approach, with untold costs of every kind.

Proactively defend all that we hold dear and DECOMMISSION THIS CLEAR AND PRESENT DANGER. The short-term gain for Enbridge is simply not worth the long-term pain the state and the world would feel from a spill. Water is a finite resource and we've lost too much of it to toxicity already.

Thank you!

The results of this submission may be viewed at:

<https://mipetroleumpipelines.com/node/5/submission/232>

**From:** [noreply@engagingplans.org](mailto:noreply@engagingplans.org)  
**To:** [MiPetroleumPipelines](#)  
**Subject:** Form submission from: Contact Us  
**Date:** Tuesday, December 19, 2017 5:44:37 PM

---

Submitted on Tuesday, December 19, 2017 - 5:44pm

Submitted by anonymous user: 97.85.55.242

Submitted values are:

Your Name: Annie McCombs

Your Email Address: [amccombs269@netscape.net](mailto:amccombs269@netscape.net)

Your Phone Number: 2695551212

Subject: Submit Information/Comments

Attachment:

Your Message:

I live in Kalamazoo, MI. We know Enbridge here: a stinking filthy oil pipeline spill into our river. Years of cleanup. Anyone think a oil pipeline spill under the Mackinaw Bridge would be better?

I say decommission any and all oil pipelines that endanger the Great Lakes and our state. This condemnation includes ridiculous ideas like some kind of "tunnel," too.

Annie McCombs

Kalamazoo, MI

The results of this submission may be viewed at:

<https://mipetroleumpipelines.com/node/5/submission/217>

**From:** [noreply@engagingplans.org](mailto:noreply@engagingplans.org)  
**To:** [MiPetroleumPipelines](#)  
**Subject:** Form submission from: Contact Us  
**Date:** Tuesday, December 19, 2017 6:58:11 PM

---

Submitted on Tuesday, December 19, 2017 - 6:57pm

Submitted by anonymous user: 99.182.100.218

Submitted values are:

Your Name: Clifford Neumann

Your Email Address: [cb\\_neumann@yahoo.com](mailto:cb_neumann@yahoo.com)

Your Phone Number: 3135372851

Subject: Submit Information/Comments

Attachment:

Your Message: Please decommission number 5 pipeline that runs through the straights of Makinaw.

The results of this submission may be viewed at:

<https://mipetroleumpipelines.com/node/5/submission/233>

**From:** [noreply@engagingplans.org](mailto:noreply@engagingplans.org)  
**To:** [MiPetroleumPipelines](#)  
**Subject:** Form submission from: Contact Us  
**Date:** Tuesday, December 19, 2017 6:55:24 PM

---

Submitted on Tuesday, December 19, 2017 - 6:55pm

Submitted by anonymous user: 97.83.72.83

Submitted values are:

Your Name: Constance Saltonstall

Your Email Address: [conniesaltonstall@gmail.com](mailto:conniesaltonstall@gmail.com)

Your Phone Number: 2315472138

Subject: Submit Information/Comments

Attachment:

Your Message:

The Great Lakes are 20 percent of the planet's fresh water. They are economically and environmentally more valuable than oil. To risk contaminating this resource is fiscally and practically unconscionable. Under most conditions, i. e. waves and/or ice, repairs cannot be accomplished under those conditions. Humans must have clean water to live.

Please protect this most valuable resource and shut down line 5.

The results of this submission may be viewed at:

<https://mipetroleumpipelines.com/node/5/submission/231>



**From:** [noreply@engagingplans.org](mailto:noreply@engagingplans.org)  
**To:** [MiPetroleumPipelines](#)  
**Subject:** Form submission from: Contact Us  
**Date:** Tuesday, December 19, 2017 9:29:21 PM

---

Submitted on Tuesday, December 19, 2017 - 9:28pm

Submitted by anonymous user: 69.14.17.133

Submitted values are:

Your Name: Allen Salyer

Your Email Address: [salyerallen@hotmail.com](mailto:salyerallen@hotmail.com)

Your Phone Number: 248-524-9090

Subject: Submit Information/Comments

Attachment:

Your Message:

I urge you to shut down the Enbridge Line 5 Pipeline that travels through the Great Lakes. While the pipeline has transported crude oil through the Straits of Mackinac without incident until now, there are a number of troubling factors coming together that cause grave concern:

- A recent increase in the volume and pressure of fluids moving through the pipelines
  - The tarnished safety record of Enbridge, Inc., the Canadian company that operates the pipeline
  - Newly discovered issues of compliance with the contract between the pipeline company and the State of Michigan
  - The age, location, and condition of the pipeline
  - The lack of transparency about safety inspections and what petroleum products are being transported through Line 5 in the Great Lakes
  - The lack of a proactive regulatory environment in Michigan and at the federal level
- The Great Lakes are a natural and cultural treasure held by Michigan as well as the main source of drinking water for millions. We must protect the fresh water. Therefore I urge you to shut down Enbridge's Line 5 pipeline.

The results of this submission may be viewed at:

<https://mipetroleumpipelines.com/node/5/submission/256>

**From:** [noreply@engagingplans.org](mailto:noreply@engagingplans.org)  
**To:** [MiPetroleumPipelines](#)  
**Subject:** Form submission from: Contact Us  
**Date:** Tuesday, December 19, 2017 5:16:37 PM

---

Submitted on Tuesday, December 19, 2017 - 5:16pm

Submitted by anonymous user: 98.164.74.89

Submitted values are:

Your Name: Maureen Sheahan

Your Email Address: [masheahan@aol.com](mailto:masheahan@aol.com)

Your Phone Number: 248-376-5701

Subject: Submit Information/Comments

Attachment:

Your Message: I am writing to call on you to immediately decommission Line 5 and modify the horrible deal made by Governor Rick Snyder with Enbridge. Please protect our Great Lakes!

The results of this submission may be viewed at:

<https://mipetroleumpipelines.com/node/5/submission/209>

**From:** [noreply@engagingplans.org](mailto:noreply@engagingplans.org)  
**To:** [MiPetroleumPipelines](#)  
**Subject:** Form submission from: Contact Us  
**Date:** Tuesday, December 19, 2017 7:59:31 PM

---

Submitted on Tuesday, December 19, 2017 - 7:59pm

Submitted by anonymous user: 99.148.94.74

Submitted values are:

Your Name: Robert Soderstrom

Your Email Address: [rmsod@sbcglobal.net](mailto:rmsod@sbcglobal.net)

Your Phone Number: 810-695-1379

Subject: Submit Information/Comments

Attachment:

Your Message: Shutdown the pipeline thru the straits before an environmental disaster occurs.

The results of this submission may be viewed at:

<https://mipetroleumpipelines.com/node/5/submission/243>

**From:** [noreply@engagingplans.org](mailto:noreply@engagingplans.org)  
**To:** [MiPetroleumPipelines](#)  
**Subject:** Form submission from: Contact Us  
**Date:** Tuesday, December 19, 2017 7:19:00 PM

---

Submitted on Tuesday, December 19, 2017 - 7:18pm

Submitted by anonymous user: 47.35.108.75

Submitted values are:

Your Name: Barbara Spinniken

Your Email Address: [dspinn@chartermi.net](mailto:dspinn@chartermi.net)

Your Phone Number: 2319449923

Subject: Submit Information/Comments

Attachment:

Your Message: Line 5 is a danger to our Great Lakes. I have followed the deteriorating condition of this pipeline, it is not safe enough to be in our waterways. The recommendations so far are not good enough, it needs to be SHUTDOWN!

The results of this submission may be viewed at:

<https://mipetroleumpipelines.com/node/5/submission/236>

**From:** [noreply@engagingplans.org](mailto:noreply@engagingplans.org)  
**To:** [MiPetroleumPipelines](#)  
**Subject:** Form submission from: Contact Us  
**Date:** Tuesday, December 19, 2017 7:07:03 PM

---

Submitted on Tuesday, December 19, 2017 - 7:06pm

Submitted by anonymous user: 104.138.129.107

Submitted values are:

Your Name: Sharon Stevenson

Your Email Address: [steve1sl@cmich.edu](mailto:steve1sl@cmich.edu)

Your Phone Number: 9897720094

Subject: Submit Information/Comments

Attachment:

Your Message: Pipeline 5 should be shut down immediately. The tunnel proposal is simply an excuse to award lucrative contracts to the governor and attorney general's cronies who contribute to their political campaigns. It is not a failsafe improvement for protecting our environment. Shut it down and shut it off.

The results of this submission may be viewed at:

<https://mipetroleumpipelines.com/node/5/submission/235>

**From:** [noreply@engagingplans.org](mailto:noreply@engagingplans.org)  
**To:** [MiPetroleumPipelines](#)  
**Subject:** Form submission from: Contact Us  
**Date:** Wednesday, December 20, 2017 7:50:29 AM

---

Submitted on Wednesday, December 20, 2017 - 7:50am

Submitted by anonymous user: 24.180.65.244

Submitted values are:

Your Name: G. Berbaum

Your Email Address: [berbaum47@yahoo.com](mailto:berbaum47@yahoo.com)

Your Phone Number:

Subject: Submit Information/Comments

Attachment:

Your Message: Please DECOMMISSION LINE 5. Please protect our Great Lakes Water.

Don't take a chance with the largest fresh water lakes in the world! Clean water, healthy Great Lakes flora and fauna, and SAFETY MUST COME BEFORE OIL PROFITS. Thank you!

The results of this submission may be viewed at:

<https://mipetroleumpipelines.com/node/5/submission/274>

**From:** [noreply@engagingplans.org](mailto:noreply@engagingplans.org)  
**To:** [MiPetroleumPipelines](#)  
**Subject:** Form submission from: Contact Us  
**Date:** Wednesday, December 20, 2017 8:34:44 AM

---

Submitted on Wednesday, December 20, 2017 - 8:33am

Submitted by anonymous user: 50.107.80.49

Submitted values are:

Your Name: Robert Blanchard

Your Email Address: [rblanc1954@gmail.com](mailto:rblanc1954@gmail.com)

Your Phone Number: 5172904050

Subject: Submit Information/Comments

Attachment:

Your Message:

Please heed to common sense and shut down line #5 that travels under the straights. There are newer and better to transport oil to the areas in question without risking the tourist dollars, environment and ecological destruction that would be caused by a break in that line.

Thank you

Robert Blanchard

The results of this submission may be viewed at:

<https://mipetroleumpipelines.com/node/5/submission/279>

**From:** [noreply@engagingplans.org](mailto:noreply@engagingplans.org)  
**To:** [MiPetroleumPipelines](#)  
**Subject:** Form submission from: Contact Us  
**Date:** Wednesday, December 20, 2017 11:55:22 AM

---

Submitted on Wednesday, December 20, 2017 - 11:51am

Submitted by anonymous user: 69.244.189.245

Submitted values are:

Your Name: Karen Brandel

Your Email Address: [kbrandel@comcast.net](mailto:kbrandel@comcast.net)

Your Phone Number: 2317663073

Subject: Submit Information/Comments

Attachment: <https://mipetroleumpipelines.com/sites/mipetroleumpipelines.com/files/we...>

Your Message:

Hello,

I have been fortunate enough to live on Lake Michigan for most of my life. There is never a day that I take the lake for granted. I use it for recreation, meditation, photography, etc. I even use the treasures that it gives to bring enjoyment to others by creating art that I sell at local art fairs. Line 5 concerns me and my family a great deal. I can't fathom how anybody can put a gem of not only our state, but the midwest, at risk. Please do the right thing. Don't let Lake Michigan fall victim to personal agendas.

Sincerely,

Karen Brandel

The results of this submission may be viewed at:

<https://mipetroleumpipelines.com/node/5/submission/295>



**From:** [noreply@engagingplans.org](mailto:noreply@engagingplans.org)  
**To:** [MiPetroleumPipelines](#)  
**Subject:** Form submission from: Contact Us  
**Date:** Wednesday, December 20, 2017 9:46:06 AM

---

Submitted on Wednesday, December 20, 2017 - 9:45am

Submitted by anonymous user: 99.53.220.26

Submitted values are:

Your Name: Elena Cangelosi

Your Email Address: [ejcangelosi@gmail.com](mailto:ejcangelosi@gmail.com)

Your Phone Number: 616-350-6270

Subject: Submit Information/Comments

Attachment:

Your Message: I am a Michigan resident and voter and must voice my opinion that Line 5 is way too dangerous to be in operation as it currently is operated or with the proposed changes. I realize the state is currently dependent on the gas channeled through it, but this is where we need to be seeking change and moving towards renewables rather than bandaiding a potential catastrophe. Our Great Lakes cannot be in jeopardy over this. Shut down Line 5 now.

The results of this submission may be viewed at:

<https://mipetroleumpipelines.com/node/5/submission/289>

**From:** [noreply@engagingplans.org](mailto:noreply@engagingplans.org)  
**To:** [MiPetroleumPipelines](#)  
**Subject:** Form submission from: Contact Us  
**Date:** Wednesday, December 20, 2017 10:52:10 AM

---

Submitted on Wednesday, December 20, 2017 - 10:51am

Submitted by anonymous user: 52.144.35.5

Submitted values are:

Your Name: K.A. Douglass-Harris

Your Email Address: [yodh22@yahoo.com](mailto:yodh22@yahoo.com)

Your Phone Number:

Subject: Submit Information/Comments

Attachment:

Your Message: Please remove Line 5 from our Great Lakes - the risk of a spill and the environmental damage that might occur is simply too great to allow for mitigation. The pipeline must be removed so as to fully protect our freshwater and coastlines from harm. Thank you for your consideration of my opinion. Sincerely, K.A. Douglass-Harris of East Lansing, Michigan

The results of this submission may be viewed at:

<https://mipetroleumpipelines.com/node/5/submission/293>

**From:** [noreply@engagingplans.org](mailto:noreply@engagingplans.org)  
**To:** [MiPetroleumPipelines](#)  
**Subject:** Form submission from: Contact Us  
**Date:** Wednesday, December 20, 2017 7:04:02 AM

---

Submitted on Wednesday, December 20, 2017 - 7:03am

Submitted by anonymous user: 104.191.244.162

Submitted values are:

Your Name: Richard Frazin

Your Email Address: [polygraph911@gmail.com](mailto:polygraph911@gmail.com)

Your Phone Number:

Subject: Submit Information/Comments

Attachment:

Your Message: Line 5 is dangerous and must be shut down. We can't have more oil spills from pipelines.

The results of this submission may be viewed at:

<https://mipetroleumpipelines.com/node/5/submission/266>

**From:** [noreply@engagingplans.org](mailto:noreply@engagingplans.org)  
**To:** [MiPetroleumPipelines](#)  
**Subject:** Form submission from: Contact Us  
**Date:** Wednesday, December 20, 2017 8:50:35 AM

---

Submitted on Wednesday, December 20, 2017 - 8:49am

Submitted by anonymous user: 141.214.17.236

Submitted values are:

Your Name: Kathryn Gavin

Your Email Address: [kara.gavin@gmail.com](mailto:kara.gavin@gmail.com)

Your Phone Number: 734 207 4983

Subject: Submit Information/Comments

Attachment:

Your Message: For the sake of both the environment and of Michigan's economy, Line 5 needs to be decommissioned. Every day that goes by, we risk catastrophe.

The results of this submission may be viewed at:

<https://mipetroleumpipelines.com/node/5/submission/281>

**From:** [noreply@engagingplans.org](mailto:noreply@engagingplans.org)  
**To:** [MiPetroleumPipelines](#)  
**Subject:** Form submission from: Contact Us  
**Date:** Wednesday, December 20, 2017 4:01:31 PM

---

Submitted on Wednesday, December 20, 2017 - 4:00pm

Submitted by anonymous user: 68.43.39.232

Submitted values are:

Your Name: Stephen Hamilton

Your Email Address: [stvhmltn@gmail.com](mailto:stvhmltn@gmail.com)

Your Phone Number: 6166760965

Subject: Submit Information/Comments

Attachment:

Your Message: I encourage the complete shut down of line 5 pipeline. The risk of operating any longer is too great a threat.

The results of this submission may be viewed at:

<https://mipetroleumpipelines.com/node/5/submission/308>

**From:** [noreply@engagingplans.org](mailto:noreply@engagingplans.org)  
**To:** [MiPetroleumPipelines](#)  
**Subject:** Form submission from: Contact Us  
**Date:** Wednesday, December 20, 2017 6:16:49 PM

---

Submitted on Wednesday, December 20, 2017 - 6:16pm

Submitted by anonymous user: 107.77.192.22

Submitted values are:

Your Name: Liana Heath

Your Email Address: [lianaheath@yahoo.com](mailto:lianaheath@yahoo.com)

Your Phone Number: 5746122140

Subject: Submit Information/Comments

Attachment:

Your Message:

I strongly urge you to shutdown Pipeline 5 as it is a serious threat to our most precious commodity, our majestic Great Lakes. Michigan prides itself on our thriving tourist industry surrounding these incredible bodies of water. Anything that poses a threat to that industry is a direct threat to our economy. For this reason, I believe it will be best to shutdown the pipeline and eliminate the threat.

Thank you for your time and consideration.

The results of this submission may be viewed at:

<https://mipetroleumpipelines.com/node/5/submission/317>

**From:** [noreply@engagingplans.org](mailto:noreply@engagingplans.org)  
**To:** [MiPetroleumPipelines](#)  
**Subject:** Form submission from: Contact Us  
**Date:** Wednesday, December 20, 2017 9:00:12 AM

---

Submitted on Wednesday, December 20, 2017 - 8:57am

Submitted by anonymous user: 174.230.3.223

Submitted values are:

Your Name: Bret Huntman

Your Email Address: [bhuntman@gmail.com](mailto:bhuntman@gmail.com)

Your Phone Number: 231-340-0446

Subject: Submit Information/Comments

Attachment:

Your Message:

Please protect the contractual obligations to operate Line 5 responsibly and with minimal risk. Enforce the obvious failures to do so by shutting down Line 5 AND supporting the continued development of sustainable energy sources.

Thank for your service on this advisory board. May your voices be heard by our political and corporate leaders. May your recommendations be guided by social and environmental truths and justice.

The results of this submission may be viewed at:

<https://mipetroleumpipelines.com/node/5/submission/283>

**From:** [noreply@engagingplans.org](mailto:noreply@engagingplans.org)  
**To:** [MiPetroleumPipelines](#)  
**Subject:** Form submission from: Contact Us  
**Date:** Wednesday, December 20, 2017 11:24:07 AM

---

Submitted on Wednesday, December 20, 2017 - 11:23am

Submitted by anonymous user: 68.55.66.153

Submitted values are:

Your Name: Joseph Jakubowski

Your Email Address: [jake3@aol.com](mailto:jake3@aol.com)

Your Phone Number:

Subject: Submit Information/Comments

Attachment: <https://mipetroleumpipelines.com/sites/mipetroleumpipelines.com/files/we...>

Your Message: We need to make sure we have enough energy in our state but we need transparency when dealing with private companies that can impact the well being of our unique natural resources.

The results of this submission may be viewed at:

<https://mipetroleumpipelines.com/node/5/submission/294>



**From:** [noreply@engagingplans.org](mailto:noreply@engagingplans.org)  
**To:** [MiPetroleumPipelines](#)  
**Subject:** Form submission from: Contact Us  
**Date:** Wednesday, December 20, 2017 4:47:23 PM

---

Submitted on Wednesday, December 20, 2017 - 4:46pm

Submitted by anonymous user: 67.183.101.176

Submitted values are:

Your Name: Mary Keils

Your Email Address: [m.e.keils@gmail.com](mailto:m.e.keils@gmail.com)

Your Phone Number:

Subject: Submit Information/Comments

Attachment:

Your Message:

The Line 5 risk goes beyond the coating gaps. The spill record (800+ between 1999 and 2010) and safety reports prove we cannot trust Enbridge Energy or its risk management firm. (18+ hours elapsed during the Kalamazoo River spill while they increased pressure in pipes they knew had anomalies? Contaminated soils at St. Ignace pumping station undiscovered till 2011?)

I write to urge you and Governor Snyder to insist on the alternative of a \$2 to \$3 billion new pipeline that avoids the Great Lakes entirely. Surely if Enbridge Energy is able and willing to spend about \$1 billion to clean up Talmadge Creek/Kalamazoo River (31 miles of waterways and wetlands), it can pony up a bit more to prevent a calamitous scenario involving a good percentage of the world's surface fresh water that 5 million people depend on for drinking and MI counts on for tourism?! (On a personal note: The St. Clair River is in my blood and bones and the U.P. is in my husband's. We are hoping to retire in Marquette. The disaster Line 5 will eventually bring to the glorious shared waters of Lakes Michigan and Huron weighs heavily on our minds.) Apologies and more transparency won't protect us. Shut it down -- certainly until at the very least the coating issue can be addressed!

The results of this submission may be viewed at:

<https://mipetroleumpipelines.com/node/5/submission/309>

**From:** [noreply@engagingplans.org](mailto:noreply@engagingplans.org)  
**To:** [MiPetroleumPipelines](#)  
**Subject:** Form submission from: Contact Us  
**Date:** Wednesday, December 20, 2017 12:23:44 PM

---

Submitted on Wednesday, December 20, 2017 - 12:23pm

Submitted by anonymous user: 71.13.75.110

Submitted values are:

Your Name: Anna Kornoelje

Your Email Address: [akornoelje@naturecenter.org](mailto:akornoelje@naturecenter.org)

Your Phone Number: 2693811574

Subject: Submit Information/Comments

Attachment:

Your Message:

I am very concerned about the deal between the State of MI and Enbridge on Line 5. Please consider the wishes of Michigan citizens and the Michigan Pipeline Safety Advisory Board and shut down Line 5 immediately. The health and safety of our Great Lakes should be the number one priority when considering the next move. Thank you for your time and consideration of my comment.

The results of this submission may be viewed at:

<https://mipetroleumpipelines.com/node/5/submission/297>

**From:** [noreply@engagingplans.org](mailto:noreply@engagingplans.org)  
**To:** [MiPetroleumPipelines](#)  
**Subject:** Form submission from: Contact Us  
**Date:** Wednesday, December 20, 2017 3:19:40 PM

---

Submitted on Wednesday, December 20, 2017 - 3:18pm

Submitted by anonymous user: 66.227.128.99

Submitted values are:

Your Name: Martha Lancaster

Your Email Address: [marthadoug@charter.net](mailto:marthadoug@charter.net)

Your Phone Number: 2315262326

Subject: Questions

Attachment:

Your Message: I just submitted a comment re the DR Alternatives Final Report. I am curious how the Thumbs up and down ratings of each comment are derived and, most importantly how they re used. My comment has a 50/50 rating. However, it is totally critical of the Report and in support of decommissioning Line 5. I hope that the MPSAB actually reads these comments and does not rely on an aggregate of these flawed Thumbs. Please reply.

The results of this submission may be viewed at:

<https://mipetroleumpipelines.com/node/5/submission/307>



## LEAGUE OF WOMEN VOTERS

MICHIGAN

---

*EDUCATING AND ADVOCATING FOR RESPONSIBLE GOVERNMENT*

December 20, 2017

Michigan Department of Environmental Quality  
Attn.: Line 5 Alternatives Analysis  
P.O. Box 30473  
Lansing, MI 48909-7973

The League of Women Voters of Michigan has nearly 2500 members and has 25 local Leagues active throughout Michigan, many of which border the Great Lakes. The position of the League of Women Voters Michigan remains unchanged:

**The State must terminate the easement allowing Enbridge to use the lake bed for Line 5, whether above ground or through the newly proposed underground tunnel.**

The agreement reached solely between Enbridge and Governor Snyder last month offers some protections but not enough. Unfortunately, the agreement was made without consultation of the Governor's own Pipeline Safety Advisory Board and before the scheduled public meetings held in mid-December. There was no public feedback before the agreement was reached.

Pipeline 5 occupies publicly owned waters and bottomlands. The threat of a catastrophic oil pipeline rupture to the Great Lakes is of tremendous controversy and has generated an extraordinary level of public engagement. We are all concerned about the possible threat of a spill and the permanent damage that could result.

The voice of the people should be determining the future of the Great Lakes and its protection for future generations. We urge you to shut down Line 5.

Sincerely,

Judy Karandjeff  
President

**From:** [noreply@engagingplans.org](mailto:noreply@engagingplans.org)  
**To:** [MiPetroleumPipelines](#)  
**Subject:** Form submission from: Contact Us  
**Date:** Wednesday, December 20, 2017 12:29:23 AM

---

Submitted on Wednesday, December 20, 2017 - 12:29am

Submitted by anonymous user: 70.126.229.100

Submitted values are:

Your Name: Clarice J. McKenzie

Your Email Address: [cjmckum@gmail.com](mailto:cjmckum@gmail.com)

Your Phone Number: 2317453256

Subject: Submit Information/Comments

Attachment:

Your Message: We in Michigan know how difficult and expensive it is to clean up a water way after a pipeline break. Line 5 needs to be closed; it is too old to continue the risk of a pipeline break. It was be devastating to Lake Michigan and Lake Huron.

The results of this submission may be viewed at:

<https://mipetroleumpipelines.com/node/5/submission/259>

**From:** [noreply@engagingplans.org](mailto:noreply@engagingplans.org)  
**To:** [MiPetroleumPipelines](#)  
**Subject:** Form submission from: Contact Us  
**Date:** Wednesday, December 20, 2017 9:30:10 PM

---

Submitted on Wednesday, December 20, 2017 - 9:29pm

Submitted by anonymous user: 199.30.217.242

Submitted values are:

Your Name: Mary U Netzky

Your Email Address: [mut41@aol.com](mailto:mut41@aol.com)

Your Phone Number: 8475132200

Subject: Submit Information/Comments

Attachment:

Your Message: The only way to ensure that the sixty-three year old pipeline, which was only supposed to last fifty years, will not leak and contaminate our precious fresh water is to shut it down totally. Don't spend extra money on building a new pipeline because it too will eventually deteriorate and be a threat. The world is gradually phasing out our needs for oil and this pipeline will be obsolete, soon, just like the horse and buggy. Canadian oil companies must build their own lines on Canadian soil if they want to keep in business. Michigan doesn't need to endanger its water and its land and people so Canadian oil companies can maintain their rich coffers. There are other places Michigan can get its oil from.

The results of this submission may be viewed at:

<https://mipetroleumpipelines.com/node/5/submission/319>

**From:** [noreply@engagingplans.org](mailto:noreply@engagingplans.org)  
**To:** [MiPetroleumPipelines](#)  
**Subject:** Form submission from: Contact Us  
**Date:** Wednesday, December 20, 2017 12:32:50 AM

---

Submitted on Wednesday, December 20, 2017 - 12:32am

Submitted by anonymous user: 75.133.224.230

Submitted values are:

Your Name: Sherry Opalka

Your Email Address: [slozoo@charter.net](mailto:slozoo@charter.net)

Your Phone Number: 2693031711

Subject: Submit Information/Comments

Attachment:

Your Message:

As a resident of Kalamazoo, MI, I am very opposed to any extension of approval for Line 5. Enbridge has demonstrated that it cannot be trusted to safely maintain its pipelines. I support the closing down of line 5 as it has reached its expected safe lifespan and cannot be trusted unless it is rebuilt. Please take decisive action on this to protect our rare and beautiful environment and the safety of our citizens.

The results of this submission may be viewed at:

<https://mipetroleumpipelines.com/node/5/submission/260>

**From:** [noreply@engagingplans.org](mailto:noreply@engagingplans.org)  
**To:** [MiPetroleumPipelines](#)  
**Subject:** Form submission from: Contact Us  
**Date:** Wednesday, December 20, 2017 1:24:28 PM

---

Submitted on Wednesday, December 20, 2017 - 1:13pm

Submitted by anonymous user: 24.231.167.186

Submitted values are:

Your Name: Pauline Q Reeder

Your Email Address: [preeder7710@charter.net](mailto:preeder7710@charter.net)

Your Phone Number: 3139097784

Subject: Submit Information/Comments

Attachment:

Your Message: Then possibility of a pipeline failure would have catastrophic effects on the people and wildlife in Michigan. The risk is too great. Line 5 needs to be completely shut down through Michigan.

The results of this submission may be viewed at:

<https://mipetroleumpipelines.com/node/5/submission/303>



**From:** [noreply@engagingplans.org](mailto:noreply@engagingplans.org)  
**To:** [MiPetroleumPipelines](#)  
**Subject:** Form submission from: Contact Us  
**Date:** Wednesday, December 20, 2017 9:42:34 AM

---

Submitted on Wednesday, December 20, 2017 - 9:35am

Submitted by anonymous user: 97.95.118.212

Submitted values are:

Your Name: Carol Shuckra

Your Email Address: [caroshuckra@charter.net](mailto:caroshuckra@charter.net)

Your Phone Number: 231-252-4178

Subject: Submit Information/Comments

Attachment:

Your Message:

We all know that Enbridge's honor is not to be trusted. We also all know that Pipeline 5 is an accident waiting to happen. We thank the Pipeline 5 Safety Advisory Committee for their recommendation to shut it down... and have Enbridge figure out how to get the necessary propane to the Upper Peninsula . It is the job of the Governor and the Atty Gen'l to protect the citizens of Michigan..... NOT to protect Enbridge !

20% of the world's fresh water is at risk..... and an immeasurable amount of Michigan's economy is also at risk.

Do the right thing.... shut it down and turn toward sustainable energy !

thank you,

Carol Shuckra

The results of this submission may be viewed at:

<https://mipetroleumpipelines.com/node/5/submission/287>

**From:** [noreply@engagingplans.org](mailto:noreply@engagingplans.org)  
**To:** [MiPetroleumPipelines](#)  
**Subject:** Form submission from: Contact Us  
**Date:** Wednesday, December 20, 2017 9:32:04 AM

---

Submitted on Wednesday, December 20, 2017 - 9:30am

Submitted by anonymous user: 66.231.50.184

Submitted values are:

Your Name: Della Smith

Your Email Address: [smithdougdella@cbpu.com](mailto:smithdougdella@cbpu.com)

Your Phone Number:

Subject: Submit Information/Comments

Attachment:

Your Message: Please protect our waterways. Get rid of line 5 for all our sakes.

The results of this submission may be viewed at:

<https://mipetroleumpipelines.com/node/5/submission/285>

**From:** [noreply@engagingplans.org](mailto:noreply@engagingplans.org)  
**To:** [MiPetroleumPipelines](#)  
**Subject:** Form submission from: Contact Us  
**Date:** Wednesday, December 20, 2017 7:50:17 AM

---

Submitted on Wednesday, December 20, 2017 - 7:49am

Submitted by anonymous user: 68.55.207.159

Submitted values are:

Your Name: Linda Szurley

Your Email Address: [Tasteefreez@aol.com](mailto:Tasteefreez@aol.com)

Your Phone Number: 2317590420

Subject: Submit Information/Comments

Attachment:

Your Message:

Line 5 must be closed down, now!! We have quite enough environmental disasters in the whole world and now you intend on making another one here??

Close It Down!!! Now!!

The results of this submission may be viewed at:

<https://mipetroleumpipelines.com/node/5/submission/273>

**From:** [noreply@engagingplans.org](mailto:noreply@engagingplans.org)  
**To:** [MiPetroleumPipelines](#)  
**Subject:** Form submission from: Contact Us  
**Date:** Wednesday, December 20, 2017 7:42:27 AM

---

Submitted on Wednesday, December 20, 2017 - 7:41am

Submitted by anonymous user: 24.180.65.244

Submitted values are:

Your Name: C. D. Tchaló

Your Email Address: [cdtchalo@yahoo.com](mailto:cdtchalo@yahoo.com)

Your Phone Number:

Subject: Submit Information/Comments

Attachment:

Your Message: Line 5 must be decommissioned/shut down. Please do everything you can to STOP LINE 5 and to protect the safety and purity of our Great Lakes Waters and wildlife. The public's health and safety should NOT be traded for oil profits now or in the future. Thank you.

The results of this submission may be viewed at:

<https://mipetroleumpipelines.com/node/5/submission/269>

**From:** [noreply@engagingplans.org](mailto:noreply@engagingplans.org)  
**To:** [MiPetroleumPipelines](#)  
**Subject:** Form submission from: Contact Us  
**Date:** Wednesday, December 20, 2017 6:12:15 PM

---

Submitted on Wednesday, December 20, 2017 - 6:11pm

Submitted by anonymous user: 97.91.47.158

Submitted values are:

Your Name: Anne Throop

Your Email Address: [throop.am18@gmail.com](mailto:throop.am18@gmail.com)

Your Phone Number: 4436550453

Subject: Submit Information/Comments

Attachment:

Your Message:

As a concerned citizen of Michigan I request that Line 5 be decommissioned. This dangerous pipeline should be shut down.

Please listen to the comments and viewpoints of the citizens. No pipeline.

Thank you,

Anne Throop

The results of this submission may be viewed at:

<https://mipetroleumpipelines.com/node/5/submission/316>

**From:** [noreply@engagingplans.org](mailto:noreply@engagingplans.org)  
**To:** [MiPetroleumPipelines](#)  
**Subject:** Form submission from: Contact Us  
**Date:** Wednesday, December 20, 2017 6:56:50 AM

---

Submitted on Wednesday, December 20, 2017 - 6:56am

Submitted by anonymous user: 68.49.74.34

Submitted values are:

Your Name: lucynda thrushman

Your Email Address: [lathrushma07@comcast.net](mailto:lathrushma07@comcast.net)

Your Phone Number: 248-690-7349

Subject: Submit Information/Comments

Attachment:

Your Message: Mr. Snyder, you have seen what this company did to Kalamazoo, you were part of the Flint disaster that poisoned thousands, you know this pipeline could blow at any time, why would you take the risk for your state to be devastated? Do your job shut it down! how will you explain the ruin of your state to your family when you knew of the dangers and could stop it? While you are at it, tell the shipping industry that we spent enough time and money getting rid of zebra mussels a decade ago, we don't want to do it again for their convenience!

The results of this submission may be viewed at:

<https://mipetroleumpipelines.com/node/5/submission/265>

**From:** [noreply@engagingplans.org](mailto:noreply@engagingplans.org)  
**To:** [MiPetroleumPipelines](#)  
**Subject:** Form submission from: Contact Us  
**Date:** Wednesday, December 20, 2017 12:27:38 PM

---

Submitted on Wednesday, December 20, 2017 - 12:27pm

Submitted by anonymous user: 24.128.211.188

Submitted values are:

Your Name: Carol Trembath

Your Email Address: [carol.trembath3@gmail.com](mailto:carol.trembath3@gmail.com)

Your Phone Number: 810-599-0481

Subject: Submit Information/Comments

Attachment:

Your Message: The pipeline needs to be shut down. No more posturing in Lansing. I value water.

The results of this submission may be viewed at:

<https://mipetroleumpipelines.com/node/5/submission/299>

**From:** [noreply@engagingplans.org](mailto:noreply@engagingplans.org)  
**To:** [MiPetroleumPipelines](#)  
**Subject:** Form submission from: Contact Us  
**Date:** Wednesday, December 20, 2017 12:36:58 AM

---

Submitted on Wednesday, December 20, 2017 - 12:36am

Submitted by anonymous user: 143.207.139.33

Submitted values are:

Your Name: Cheryl Trine

Your Email Address: [ctrine@andrews.edu](mailto:ctrine@andrews.edu)

Your Phone Number:

Subject: Submit Information/Comments

Attachment:

Your Message:

My comment calls for Enbridge Line 5 to be decommissioned.

An oil spill in the Straits of Mackinac would be devastating. Environmental modeling produced by the University of Michigan suggests a spill in the straits could affect 700 miles of Michigan coastline, touching communities as far south as the thumb.

Enbridge has repeatedly violated the 1953 agreement that allows it to operate this pipeline. With the latest revelations of the poor condition of the pipeline in the Straits of Mackinac having been known by the company for three years and not reported. Enbridge has repeatedly proved themselves untrustworthy; consequently any deals with them are not in the interests of safeguarding Michigan's waters.

Line 5 should be shut down. 90-95% of the oil that flows through Line 5 is destined for Canada, not US refineries. Line 5 is not needed to supply propane to the Upper Peninsula; this can easily be supplied by truck transport and/or rail car. As for jobs, Line 5 provides only 250 jobs in Michigan, versus the approximately 800,000 jobs that are tied to Michigan's clean waters.

The Tunnel Alternative is an unacceptable option for protecting the Great Lakes. Because a tunnel (1) ignores the best feasible and prudent alternative of using existing pipeline infrastructure around the Great Lakes; (2) still is vulnerable to spills because of corrosion and human error and the inland portions of Line 5; (3) contravenes Michigan's legal ban and policy against oil and gas drilling in the Great Lakes; and (4) is a gateway for new oil pipelines to be located under the Straits based on international trade laws.

Thank you,

Cheryl Trine

The results of this submission may be viewed at:

<https://mipetroleumpipelines.com/node/5/submission/261>



**From:** [noreply@engagingplans.org](mailto:noreply@engagingplans.org)  
**To:** [MiPetroleumPipelines](#)  
**Subject:** Form submission from: Contact Us  
**Date:** Wednesday, December 20, 2017 4:47:47 PM

---

Submitted on Wednesday, December 20, 2017 - 4:47pm

Submitted by anonymous user: 174.230.31.118

Submitted values are:

Your Name: James Vanek

Your Email Address: [ccrcengineer@utmi.net](mailto:ccrcengineer@utmi.net)

Your Phone Number:

Subject: Submit Information/Comments

Attachment:

Your Message: Please shut down pipeline #5 across the Straights!

The results of this submission may be viewed at:

<https://mipetroleumpipelines.com/node/5/submission/310>

**From:** [noreply@engagingplans.org](mailto:noreply@engagingplans.org)  
**To:** [MiPetroleumPipelines](#)  
**Subject:** Form submission from: Contact Us  
**Date:** Wednesday, December 20, 2017 8:22:16 AM

---

Submitted on Wednesday, December 20, 2017 - 8:21am

Submitted by anonymous user: 96.27.58.106

Submitted values are:

Your Name: Lisa Williams

Your Email Address: [lisawills314@yahoo.com](mailto:lisawills314@yahoo.com)

Your Phone Number: 5867954688

Subject: Submit Information/Comments

Attachment:

Your Message: We must protect our Great Lakes.This project must come to an end now.

The results of this submission may be viewed at:

<https://mipetroleumpipelines.com/node/5/submission/277>

**From:** [noreply@engagingplans.org](mailto:noreply@engagingplans.org)  
**To:** [MiPetroleumPipelines](#)  
**Subject:** Form submission from: Contact Us  
**Date:** Wednesday, December 20, 2017 12:02:54 PM

---

Submitted on Wednesday, December 20, 2017 - 11:58am

Submitted by anonymous user: 38.131.234.154

Submitted values are:

Your Name: Tracy Zervos

Your Email Address: [tracyesmith@yahoo.com](mailto:tracyesmith@yahoo.com)

Your Phone Number: 2318944433

Subject: Please Select

Attachment:

Your Message:

Please. Please be responsible and shut down Line 5 immediately. Do it to protect our water and habitat. The pipeline was built to last a certain number of years. That time is past.

Please shut it down before there is a leak that our water, land, animals and people will not be able to recover from.

Thank you,  
Tracy Zervos

The results of this submission may be viewed at:

<https://mipetroleumpipelines.com/node/5/submission/296>

**From:** [noreply@engagingplans.org](mailto:noreply@engagingplans.org)  
**To:** [MiPetroleumPipelines](#)  
**Subject:** Form submission from: Contact Us  
**Date:** Thursday, December 21, 2017 10:31:03 PM

---

Submitted on Thursday, December 21, 2017 - 10:30pm

Submitted by anonymous user: 75.119.97.77

Submitted values are:

Your Name: Marlene Bahr

Your Email Address: [yogibahr@icloud.com](mailto:yogibahr@icloud.com)

Your Phone Number: 313-886-9285

Subject: Submit Information/Comments

Attachment:

Your Message: Please,please,please protect our waters! Please shut down the Embridge pipeline. Don't jeopardize our health to protect a corporation.

The results of this submission may be viewed at:

<https://mipetroleumpipelines.com/node/5/submission/336>

**From:** [noreply@engagingplans.org](mailto:noreply@engagingplans.org)  
**To:** [MiPetroleumPipelines](#)  
**Subject:** Form submission from: Contact Us  
**Date:** Thursday, December 21, 2017 10:25:18 AM

---

Submitted on Thursday, December 21, 2017 - 10:24am

Submitted by anonymous user: 50.124.250.34

Submitted values are:

Your Name: Bob Johns

Your Email Address: [bob@rlj71.com](mailto:bob@rlj71.com)

Your Phone Number: `9892241542

Subject: Submit Information/Comments

Attachment:

Your Message: Every oil spill I've heard of was a long term disaster. Enbridge has already fouled one of our rivers, & I don't feel they are prepared for a leak or break under the great lakes. The great lakes are too precious to take the chance. Shut down the pipeline!

The results of this submission may be viewed at:

<https://mipetroleumpipelines.com/node/5/submission/330>

**From:** [noreply@engagingplans.org](mailto:noreply@engagingplans.org)  
**To:** [MiPetroleumPipelines](#)  
**Subject:** Form submission from: Contact Us  
**Date:** Thursday, December 21, 2017 5:57:57 PM

---

Submitted on Thursday, December 21, 2017 - 5:57pm

Submitted by anonymous user: 98.243.234.243

Submitted values are:

Your Name: Merry MacRae

Your Email Address: [cyaneus5@gmail.com](mailto:cyaneus5@gmail.com)

Your Phone Number: (248)545-7308

Subject: Submit Information/Comments

Attachment:

Your Message: Why risk damaging any of our Great Lakes. These are jewels that belong to us all. Please shut down Line 5. Thank you for your consideration. Sincerely, Merry MacRae

The results of this submission may be viewed at:

<https://mipetroleumpipelines.com/node/5/submission/335>

**From:** [noreply@engagingplans.org](mailto:noreply@engagingplans.org)  
**To:** [MiPetroleumPipelines](#)  
**Subject:** Form submission from: Contact Us  
**Date:** Thursday, December 21, 2017 3:25:51 PM

---

Submitted on Thursday, December 21, 2017 - 3:25pm

Submitted by anonymous user: 68.55.131.165

Submitted values are:

Your Name: Kathlyn Rosenthal

Your Email Address: [ksrosenthal@comcast.net](mailto:ksrosenthal@comcast.net)

Your Phone Number:

Subject: Submit Information/Comments

Attachment:

Your Message: An oil pipeline should NOT go in any of the Great Lakes. Many pipelines have broken and/or leaked into the environment in the past. They are never truly safe. It's too big a risk. I don't want our Great Lakes to be put at risk. If oil leaks from the pipeline at the Mackinac Straits, oil spreads into 2 Lakes. One lake is disaster enough but into 2 lakes is catastrophe. The Great Lakes are the biggest source of fresh water on this continent. Profits should not be put above safety to the environment - ever.

The results of this submission may be viewed at:

<https://mipetroleumpipelines.com/node/5/submission/334>

**From:** [noreply@engagingplans.org](mailto:noreply@engagingplans.org)  
**To:** [MiPetroleumPipelines](#)  
**Subject:** Form submission from: Contact Us  
**Date:** Thursday, December 21, 2017 8:23:02 AM

---

Submitted on Thursday, December 21, 2017 - 8:22am

Submitted by anonymous user: 184.61.88.14

Submitted values are:

Your Name: Cynthia Sherman-Jones

Your Email Address: [shermanjones@tds.net](mailto:shermanjones@tds.net)

Your Phone Number: 9064395262

Subject: Submit Information/Comments

Attachment:

Your Message: I urge you to act as public trustees of our waters and bottomlands, enforce the easement in light of Enbridge's ongoing violations, and begin the process of decommissioning Line 5 in the Straits of Mackinac to protect the Great Lakes from a catastrophic oil spill. The State of Michigan has a legal duty to take this enforcement action. Enbridge's ongoing violations cannot be remedied. It is time for the state to act decisively and with urgency.

The results of this submission may be viewed at:

<https://mipetroleumpipelines.com/node/5/submission/326>



**From:** [noreply@engagingplans.org](mailto:noreply@engagingplans.org)  
**To:** [MiPetroleumPipelines](#)  
**Subject:** Form submission from: Contact Us  
**Date:** Thursday, December 21, 2017 9:45:51 AM

---

Submitted on Thursday, December 21, 2017 - 9:45am

Submitted by anonymous user: 68.55.169.67

Submitted values are:

Your Name: Dr. Judy Spitler

Your Email Address: [goddessstarjudy@gmail.com](mailto:goddessstarjudy@gmail.com)

Your Phone Number: 248 408 4936

Subject: Please Select

Attachment:

Your Message: The GREAT LAKES must be protected for Michigan, for the surrounding border states, and FOR THE UNITED STATES.

The results of this submission may be viewed at:

<https://mipetroleumpipelines.com/node/5/submission/328>

**From:** [noreply@engagingplans.org](mailto:noreply@engagingplans.org)  
**To:** [MiPetroleumPipelines](#)  
**Subject:** Form submission from: Contact Us  
**Date:** Friday, December 22, 2017 6:40:40 PM

---

Submitted on Friday, December 22, 2017 - 6:40pm

Submitted by anonymous user: 172.222.87.97

Submitted values are:

Your Name: JoAnne Beemon

Your Email Address: [joanne\\_beemon@hotmail.com](mailto:joanne_beemon@hotmail.com)

Your Phone Number:

Subject: Submit Information/Comments

Attachment:

Your Message: Shut down Line 5. Enbridge is not trustworthy. The UP can find other ways to get propane. The US Coast Guard is not prepared to handle a spill, especially in winter. And I am tired of commenting. Snyder and Enbridge had no right to make a deal with Enbridge before the comment period ended. I cry FOUL!

The results of this submission may be viewed at:

<https://mipetroleumpipelines.com/node/5/submission/344>

**From:** [noreply@engagingplans.org](mailto:noreply@engagingplans.org)  
**To:** [MiPetroleumPipelines](#)  
**Subject:** Form submission from: Contact Us  
**Date:** Friday, December 22, 2017 1:26:49 PM

---

Submitted on Friday, December 22, 2017 - 1:26pm  
Submitted by anonymous user: 75.119.97.77  
Submitted values are:

Your Name: Erik Greer  
Your Email Address: [wonderdog707@gmail.com](mailto:wonderdog707@gmail.com)  
Your Phone Number: 313-886-9285  
Subject: Other  
Attachment:  
Your Message:  
Shut down the Line 5 pipeline!

After the Flint debacle, what does it say about the moral fiber of the governor if he's willing to callously risk the health of Michigan citizens again for the sake of big business? Money over lives equals the road to hell....

The results of this submission may be viewed at:  
<https://mipetroleumpipelines.com/node/5/submission/342>

**From:** [noreply@engagingplans.org](mailto:noreply@engagingplans.org)  
**To:** [MiPetroleumPipelines](#)  
**Subject:** Form submission from: Contact Us  
**Date:** Friday, December 22, 2017 6:44:50 PM

---

Submitted on Friday, December 22, 2017 - 6:44pm

Submitted by anonymous user: 24.247.197.216

Submitted values are:

Your Name: Dr. Gail B. Griffin

Your Email Address: [griffin@kzoo.edu](mailto:griffin@kzoo.edu)

Your Phone Number: 269-349-5345

Subject: Submit Information/Comments

Attachment:

Your Message: I think pure common sense, plus a little information about the condition of pipeline 5 and the nature of the waters in the Straits, leads to one obvious conclusion:

Decommission this pipeline! Our fresh waters are Michigan's greatest resource. To gamble with them is quite simply to betray public trust.

The results of this submission may be viewed at:

<https://mipetroleumpipelines.com/node/5/submission/345>

**From:** [noreply@engagingplans.org](mailto:noreply@engagingplans.org)  
**To:** [MiPetroleumPipelines](#)  
**Subject:** Form submission from: Contact Us  
**Date:** Friday, December 22, 2017 9:38:35 AM

---

Submitted on Friday, December 22, 2017 - 9:38am

Submitted by anonymous user: 204.63.207.114

Submitted values are:

Your Name: Aaron Jenkins

Your Email Address: [jenki162@gmail.com](mailto:jenki162@gmail.com)

Your Phone Number: 2487638648

Subject: Submit Information/Comments

Attachment: <https://mipetroleumpipelines.com/sites/mipetroleumpipelines.com/files/we...>

Your Message: Hello PSAB, I am submitting my personal public comment on the Alternatives Analysis report, please ensure that this is distributed to all relevant parties.

The results of this submission may be viewed at:

<https://mipetroleumpipelines.com/node/5/submission/339>

**From:** [noreply@engagingplans.org](mailto:noreply@engagingplans.org)  
**To:** [MiPetroleumPipelines](#)  
**Subject:** Form submission from: Contact Us  
**Date:** Friday, December 22, 2017 10:51:44 AM

---

Submitted on Friday, December 22, 2017 - 10:50am

Submitted by anonymous user: 96.27.5.250

Submitted values are:

Your Name: Sally Thornton

Your Email Address: [sthornton23@yahoo.com](mailto:sthornton23@yahoo.com)

Your Phone Number: 2488524513

Subject: Submit Information/Comments

Attachment:

Your Message: Decommission Line-5 and any and all oil/gas lines in, under, and near the Great Lakes.

The results of this submission may be viewed at:

<https://mipetroleumpipelines.com/node/5/submission/340>

**From:** [noreply@engagingplans.org](mailto:noreply@engagingplans.org)  
**To:** [MiPetroleumPipelines](#)  
**Subject:** Form submission from: Contact Us  
**Date:** Saturday, December 23, 2017 9:03:51 AM

---

Submitted on Saturday, December 23, 2017 - 9:03am

Submitted by anonymous user: 74.126.70.111

Submitted values are:

Your Name: Cindy Cramer

Your Email Address: [cindylu@wcomco.net](mailto:cindylu@wcomco.net)

Your Phone Number: 5172866446

Subject: Submit Information/Comments

Attachment:

Your Message: I am appalled that these pipelines even exist. These companies cannot guarantee their safety, are not responsible stewards and there have already been leaks and spills. Do you need an irrevocable disaster to occur before your eyes are open? Are you so greedy that you will sell your souls and all of our lives for more profits?

The results of this submission may be viewed at:

<https://mipetroleumpipelines.com/node/5/submission/346>

**From:** [noreply@engagingplans.org](mailto:noreply@engagingplans.org)  
**To:** [MiPetroleumPipelines](#)  
**Subject:** Form submission from: Contact Us  
**Date:** Saturday, December 23, 2017 9:44:41 PM

---

Submitted on Saturday, December 23, 2017 - 9:44pm

Submitted by anonymous user: 63.143.25.183

Submitted values are:

Your Name: David Cruse

Your Email Address: [dcruise711@gmail.com](mailto:dcruise711@gmail.com)

Your Phone Number: 517-442-4066

Subject: Submit Information/Comments

Attachment:

Your Message: Close Line 5 under the Macinac Straits. Embridge is NOT to be trusted. There is far too much at risk, both economically and environmentally.

The results of this submission may be viewed at:

<https://mipetroleumpipelines.com/node/5/submission/347>



**From:** [noreply@engagingplans.org](mailto:noreply@engagingplans.org)  
**To:** [MiPetroleumPipelines](#)  
**Subject:** Form submission from: Contact Us  
**Date:** Sunday, December 24, 2017 2:02:27 PM

---

Submitted on Sunday, December 24, 2017 - 2:02pm

Submitted by anonymous user: 97.83.97.168

Submitted values are:

Your Name: Wayne Blomberg

Your Email Address: [wcbloomberg@hotmail.com](mailto:wcbloomberg@hotmail.com)

Your Phone Number: 231-526-5062

Subject: Submit Information/Comments

Attachment:

Your Message: As a lifelong resident of Emmet County in Michigan I wish to going on record as shutting down line 5 being the best solution to the welfare of this great lake. Allowing this pipeline goes against all the reasons that our state has an oil and gas drilling ban under this lake. When that pipeline was allowed 60 years ago we were making lots of poor decisions. The risks are just too great. Wayne Blomberg

The results of this submission may be viewed at:

<https://mipetroleumpipelines.com/node/5/submission/348>

**From:** [noreply@engagingplans.org](mailto:noreply@engagingplans.org)  
**To:** [MiPetroleumPipelines](#)  
**Subject:** Form submission from: Contact Us  
**Date:** Friday, December 29, 2017 8:04:34 PM

---

Submitted on Friday, December 29, 2017 - 7:48pm

Submitted by anonymous user: 23.124.26.185

Submitted values are:

Your Name: Susan Wrona Gall

Your Email Address: [wronagall@yahoo.com](mailto:wronagall@yahoo.com)

Your Phone Number: 505 504 3399

Subject: Submit Information/Comments

Attachment: <https://mipetroleumpipelines.com/sites/mipetroleumpipelines.com/files/we...>

Your Message:

Pipeline Safety Advisory Board,

Please decommission Line 5 Pipeline immediately and forever.

Thank you,

Susan Wrona Gall

The results of this submission may be viewed at:

<https://mipetroleumpipelines.com/node/5/submission/349>

**From:** [noreply@engagingplans.org](mailto:noreply@engagingplans.org)  
**To:** [MiPetroleumPipelines](#)  
**Subject:** Form submission from: Contact Us  
**Date:** Sunday, January 14, 2018 6:59:34 PM

---

Submitted on Sunday, January 14, 2018 - 6:59pm  
Submitted by anonymous user: 75.80.32.118  
Submitted values are:

Your Name: steven trudgen  
Your Email Address: [strudgen54@gmail.com](mailto:strudgen54@gmail.com)  
Your Phone Number: 8582547617  
Subject: Questions  
Attachment:  
Your Message:

Hi, I am reviewing materials on your website to determine when the next meeting is scheduled regarding Enbridge/Line5 pipe coating repairs. I have been in contact with a representative from Enbridge who said there is a meeting in Mid-January, but I can find no record of this.

I do see that the minutes of the Dec '17 PSAB mention a 3/12/17 date here on page 1 but I suspect this is a typo and its actually 3/12/18. Yes?

Are there any other meetings involving the state of Mich and Enbridge scheduled before Mar 12? If so, pls provide these dates.

thank you,  
Steve Trudgen

The results of this submission may be viewed at:  
<https://mipetroleumpipelines.com/node/5/submission/354>

**From:** [noreply@engagingplans.org](mailto:noreply@engagingplans.org)  
**To:** [MiPetroleumPipelines](#)  
**Subject:** Form submission from: Contact Us  
**Date:** Saturday, January 20, 2018 10:39:38 AM

---

Submitted on Saturday, January 20, 2018 - 10:39am

Submitted by anonymous user: 24.231.146.65

Submitted values are:

Your Name: Helen Klein

Your Email Address: [kleinh@gvsu.edu](mailto:kleinh@gvsu.edu)

Your Phone Number: 6167386090

Subject: Questions

Attachment:

Your Message: How does the content of original study done by Dynamic Risk Assessment show any conflict of interest? It seems reasonable and well balanced. Do we really have the time and money to do another study? Let's get cracking and begin working toward protecting our Great Lakes the way they should be protected.

The results of this submission may be viewed at:

<https://mipetroleumpipelines.com/node/5/submission/356>

**From:** [noreply@engagingplans.org](mailto:noreply@engagingplans.org)  
**To:** [MiPetroleumPipelines](#)  
**Subject:** Form submission from: Contact Us  
**Date:** Wednesday, January 31, 2018 8:14:18 PM

---

Submitted on Wednesday, January 31, 2018 - 8:13pm

Submitted by anonymous user: 97.85.54.122

Submitted values are:

Your Name: Ed Czarnecki

Your Email Address: [czar54ed@charter.net](mailto:czar54ed@charter.net)

Your Phone Number: 989-657-5818

Subject: Questions

Attachment:

Your Message:

I know that Enbridge Line 5 uses Michigan as a shortcut from Canadian oil field to Canadian oil refinery in Sarnia generates tax dollars paid to the State of Michigan. This is from property taxes that come from the footprint of the pipeline.

Now the question. Does any Michigan utility or business tie into the Line 5 pipeline at any point to directly use the product carried inside the pipeline? In other words, does any refinery or business in Michigan make use of the pipeline contents?

The results of this submission may be viewed at:

<https://mipetroleumpipelines.com/node/5/submission/358>

**From:** [noreply@engagingplans.org](mailto:noreply@engagingplans.org)  
**To:** [MiPetroleumPipelines](#)  
**Subject:** Form submission from: Contact Us  
**Date:** Thursday, January 04, 2018 2:37:45 PM

---

Submitted on Thursday, January 4, 2018 - 2:37pm

Submitted by anonymous user: 107.77.194.128

Submitted values are:

Your Name: Deon Mcgehee

Your Email Address: [deonmcgehee@yahoo.com](mailto:deonmcgehee@yahoo.com)

Your Phone Number:

Subject: Questions

Attachment:

Your Message: I'm looking to get more information on emergency response procedures in reference to the pipeline.

The results of this submission may be viewed at:

<https://mipetroleumpipelines.com/node/5/submission/350>



RICK SNYDER  
GOVERNOR

STATE OF MICHIGAN  
EXECUTIVE OFFICE  
LANSING

BRIAN CALLEY  
LT. GOVERNOR

January 26, 2018

Dear Pipeline Safety Advisory Board Members,

Thank you very much for the resolutions sent to me following the December meeting. I appreciate the opportunity to hear the advice of many members of the Pipeline Safety Advisory Board and would like to take this opportunity to respond to all of you regarding the subject matter of the resolutions.

First, I would like to note that the chair was incorrect when she stated that the resolutions passed. I note that under Executive Order 2015-12, Section III.F, "the Board shall act in making its recommendations by a majority vote of its *serving* members." (Emphasis added). As of December 9<sup>th</sup>, there were fifteen serving members of the Board. Since all the resolutions received fewer than eight votes in favor, none of the resolutions were actually actions by the Board. That being said, I appreciate the service of each of you, and would like to address the topics of the resolutions.

The first resolution asks that the State immediately propose an amendment to the November 27, 2017 Agreement with Enbridge that would require it to shut down Line 5 operations in the Straits until all areas of the Dual Pipelines can be inspected for gaps in the external coating and all gaps are repaired. As a practical matter, such further inspections and repairs cannot be completed until the summer of 2018 at the earliest. While the coating gaps remain of key concern and must be addressed, review of the recent hydrotest results of Line 5 though the Straits indicated there is not a risk of imminent failure, and that test was done when these coating gaps existed.

With all respect, I do not believe an immediate and extended shutdown of the pipeline in the middle of the winter is a proper approach that safeguards the health and welfare of Michigan citizens. This month, the Federal Motor Carrier Safety Administration made a Regional Declaration of Emergency under 49 CFR 390.23 in response to anticipated home heating fuel shortages, notably propane, due to Winter Storm Frankie's severe weather. That area included 38 states, of which Michigan is one. An immediate and unexpected shutdown of the pipeline for several months would very likely create a propane supply crisis like Michigan faced in the winter of 2013/2014, potentially jeopardizing the health and safety of Michigan residents.

The resolution appears to attempt to address this issue by proposing that the Agreement also be amended to require Enbridge to supply propane to Michigan markets at a reasonable cost while the pipeline is out of operation. Since Enbridge strongly maintains, based upon the hydrotest and in line inspection results, as well as the operation of cathodic protection, that the gaps in external coating do not present a threat to the integrity of the Dual Pipelines, it is highly unlikely that Enbridge would agree to voluntarily suspend pipeline operation for months, pending further external coating inspections and repairs. I am also unaware of the basis to carry out the recommendation that Enbridge be required to supply propane to the public if the pipeline ceases operation.

Second, I note the resolution asking that the State seek to revise the "Sustained Adverse Weather Conditions" portion of the November 27, 2017 Agreement. As you are aware, there

was no requirement for a shutdown due to any weather conditions prior to the November 27, 2017 Agreement. I will simply say I appreciate the points made, but given the amount of negotiating time and effort that went into that specific provision, a request to re-open that provision would be extremely unlikely to result in an agreement to move in the direction envisioned by the resolution.

Third, I turn to the resolution that urges Michigan to undertake a more thorough assessment of Michigan-focused alternatives, including alternative pipeline capacity re-routing options and ways to supply propane and oil to meet Michigan's needs currently met by Line 5. The State is already taking steps to address, in greater detail, the issues of alternative means of supplying propane within Michigan and transporting Michigan produced crude oil to market. Among other ongoing efforts pertaining to this issue, State agency staff are working to independently verify key Michigan-centric data and assumptions contained within the Final Alternatives Analysis Report, setting up consultations with key customers to discuss how a potential shut down of the Dual Pipelines would impact their Michigan operations, and are gathering additional information about the logistical capabilities of major oil and propane terminals in and around Michigan. In addition, the State is considering the possibility of obtaining the services of outside transportation consultants to better define the feasibility and costs of alternatives to meeting Michigan propane and Michigan-produced crude oil transportation needs that would not depend upon Line 5.

With respect to the broader suggestions that the State conduct a detailed analysis "on the public need for Line 5 in Michigan" and "a more robust study of alternative pipeline capacity to re-route the portion of Line 5's flow dedicated to Michigan's needs", the resolution is not clear as to what is being proposed. In particular, it is not clear: (a) who would conduct these analyses, (b) how the scope of the work would be defined, (c) what it would cost, (d) who would pay for it, and (e) how it would be completed by the June 25, 2018 deadline proposed in the resolution. The State would welcome clarification of the suggestion by the proponents of the resolution and comments from other members of the Board.

Finally, given that in discussions with Dr. Meadows, it appears that a final risk analysis may not be completed before September 15, I do plan to reach out and ask Enbridge to modify the date for a final agreement to be reached (or the state will take another path) from August 15, 2018 to September 30, 2018.

Thank you again for your service on the Board. I know each of you has put significant time and effort as Board members, and have done a great deal of work as a service to the State. I appreciate that very much and look forward to further communications from the Board.

Sincerely,



Rick Snyder  
Governor



# PIPELINE SAFETY ADVISORY BOARD



DEQ Director  
**Heidi Grether**

DNR Director  
**Keith Creagh**

## Proposed 2018 Meeting Dates

| Date              | Time           | Location      |
|-------------------|----------------|---------------|
| May 14, 2018      | 1:30 – 3:30 PM | Location: TBA |
| August 13, 2018   | 1:30 – 3:30 PM | Location: TBA |
| October 15, 2018  | 1:30 – 3:30 PM | Location: TBA |
| December 10, 2018 | 1:30 – 3:30 PM | Location: TBA |