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2	ST. PAUL - JUNE 13, 2017 - 6:00	
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4	MINNESOTA DEPARTMENT OF COMMERCE	
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6	In the Matter of the Application of Enbridge Energy, Limited Partnership for a Certificate of Need for the	
7 8	Line 3 Pipeline Replacement Project in Minnesota from the North Dakota Border to the Wisconsin Border	
9	PUC DOCKET NO: CN-14-916	
10	OAH DOCKET NO: 65-2500-32764	
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12	In the Matter of the Application of Enbridge Energy, Limited Partnership for a Route Permit for the Line 3	
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15	PUC DOCKET NO: PPL-15-137	
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FACILITATOR: All right. So our first speaker will be Margaret Breen.

And, Mahyar Sorour, okay, you'll be second.

Margaret Breen. Right over here. And who is Mahyar? If you could raise your hand so -- okay. We will bring you the mic to be second. So you'll be on deck.

All right. So please remember to state your name and spell it, and then you can begin your comments.

MS. MARGARET BREEN: Hello. My name is Margaret Breen. M-A-R-G-A-R-E-T. B, as in boy, R-E-E-N. I'm 19 years old and a lifetime resident of the state of Minnesota.

While I have many concerns with the draft of the Environmental Impact Statement, for the purpose of this testimony I will focus on my primary concern, which is that it only analyzes the environmental impact of the pipeline for the last 30 years.

Being that the old line has been in the ground for 50 years and Enbridge plans on leaving it in the ground indefinitely, I am confused as to why the environmental impacts beyond 30 years

aren't being considered. This is of particular concern to me because I intend on residing in Minnesota for much longer than 30 years.

Thank you.

FACILITATOR: Thank you. So we know that we're asking you to fit a lot into a short time. And if you could speak a little bit slowly, it's a little easier for our court reporter as well.

So Mahyar will be next. And Sara Suppan, if you could raise your hand.

MS. MAHYAR SOROUR: Okay. Hi. So
Mahyar Sorour. M-A-H-Y-A-R. S-O-R-O-U-R. And I am
a member of the Minnesota Pollution Control Agency
Environmental Justice Advisory Group. I'm here
today as a St. Paul resident, as a lifelong
Minnesotan, concerned with the inadequacy of the
Draft Environmental Impact Statement for the
proposed Line 3 Pipeline Project.

Every summer when I was growing up, I had the honor of going up to the Boundary Waters, swimming in Lake Superior, enjoying the pristine natural resources of the land. Now, as a St. Paul resident, I have the honor of living right by the the Mighty Mississippi River.

The DEIS contains no spill analysis

for the tributaries of the St. Louis River or the Nemadji River, where spills could decimate Lake Superior and the harbors of the Twin Ports. A spill in Lake Superior not only affects the communities who reside near the water, but all Minnesotans, as the Mississippi River is connected. All of our water is connected.

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As someone who has spent their life working on environmental justice, this project is a clear example of environmental racism. environmental justice chapter, Chapter 11 of the DEIS, which might I add is less than 20 pages long out of a 5,000-page document, it acknowledges that pipeline impacts on tribal communities are part of a larger pattern of structural racism that tribal people face in Minnesota, which was well documented in a 2014 student by the Minnesota Department of Health. It also concludes that the impacts associated with the proposed project and its alternatives would be an additional health stressor on tribal communities that already face overwhelming health disparities and inequities.

The injustices of cumulative impact is an aspect that must be acknowledged, but is clearly forgotten in this Draft Environmental Impact

Statement. You are proposing a pipeline on environmental injustice communities that already have to live with a number of disparities, and cutting off access to water, where native communities hunt, fish, and gather wild rice is environmental racism. This is just not right.

The Draft Environmental Impact
Statement concludes that a disproportionate and
adverse impacts would occur to native populations in
the vicinity of the proposed project. Therefore, to
honor our environmental justice communities and not
perpetuate the cycle of structural and environmental
racism that's so clear in our country today, we
cannot move forward with this project

Thank you.

FACILITATOR: Thank you. Sara Suppan.

And next will be Frank Hornstein. Frank, if you can
raise your hand. Right here in the middle.

MS. SARA SUPPAN: My name is Sara Suppan. That's S-A-R-A, S-U-P-P-A-N. I am a volunteer with MN350, and I appreciate the opportunity to testify today.

I am concerned that a new major oil pipeline in Minnesota will result in a new major oil spill in Minnesota. I will focus my testimony on

accidental crude oil releases.

The premise that there is a need for a new pipeline is flawed. The DEIS discloses that between 2002 and '17 there were seven known pipeline failures in the existing Line 3. Remember that Enbridge continues to operate pipelines they know are at risk. Line 3 is not even their oldest pipeline in operation; it is their third oldest. It should also be acknowledged that this analysis misses an obvious alternative to the proposed route. It's called no pipeline at all.

Now I will list several points missing from the DEIS. First, the Terrestrial Wildlife Risk Analysis does not include the bee population. My understanding is that there will be herbicides used around the pipeline. If so, there must be consideration of which herbicides will be used and what scientific literature says about how these will affect one of our most important pollinators.

Second, the effects on aquatic life section does not discuss the effects of spills on algae and other microorganisms in the water, nor the long-term effects of removing oxygen from the water.

Third, this should cover what effective steps Enbridge will take to prevent

intentional third-party damage. In a corridor with multiple pipelines, it seems plausible that a terrorist could strike all at once and cause a multi-catastrophic event. The topic of a public awareness program indicates only what measures will prevent accidental third-party damage.

Fourth, I am confused by the assertion that the risk of a spill would not be different whether Line 3 operates at the current capacity or at the proposed capacity, which is almost double. This document does not consider the pressure required to force thick crude through pipe, and the potential to exacerbate weaknesses in the pipe with high pressure and pressure cycling. More oil, more pressure, more risk.

Finally, it is acknowledged that the risk of this pipeline is largely placed on rural communities and that those communities won't have easy access to the promised rapid response tech and crew.

However, the Remote Area analysis is a four-sentence placeholder where there should be a spill response strategy for areas with difficult access.

I am not convinced at all that

Minnesota will benefit by this massive pipeline project. Both the DEIS content and the unconsidered factors outlined here, reflected against the cases on the record where Enbridge has failed as a corporate citizen, demonstrate that Enbridge is unprepared for and undeserving of yet another pipeline. This pipeline is transporting the thickest, dirtiest, and least-profitable stuff. Ιt has higher concentrations of heavy metal and, because it does not flow easily, requires higher pressure and more diluent chemicals. This pipeline is guaranteed to leak, supposedly once every four years.

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Why does Minnesota need the risk?

FACILITATOR: Frank Hornstein, and next will be Doug Cain. Where is Doug?

MR. FRANK HORNSTEIN: Good evening.

I'm Frank Hornstein. I am a state representative.

My district includes part of downtown and southwest

Minneapolis, Minnesota House of Representatives.

Thank you for giving me the opportunity to speak this evening. While I also have shared many of the concerns that have already been raised this evening, I want to focus a little more broadly on the fact that the EIS does not talk

broadly enough about the global impact to climate change. And under the Minnesota Environmental Policy Act, the Department of Commerce EIS can and should talk more broadly about this issue.

In fact, the interagency report on pipelines that was released by the Environmental Quality Board in 2015, which the Department of Commerce signed off on and is a part of, states the following: Whether oil transported in pipelines through Minnesota is burned in Minnesota or elsewhere in the globe, the greenhouse gas contribution from combustion will contribute to climate change, impacting the entire world's pollution, including Minnesotans.

And while we address climate change, you do it in an inherent way on the various modes of oil transportation. It needs to be done in a much broader context, particularly because tar sands oil burns dirtier and 17 percent dirtier than other forms of oil. So the climate effects are magnified.

So I urge you to take a much broader look at the climate impact, and I would further encourage you to (indiscernible) DEIS, main issues that have been raised here. Whether it's the climate, whether it's the (indiscernible), whether

it's the spill response, all of these issues need to be addressed before this EIS can be deemed adequate.

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FACILITATOR: If you give us your prepared remarks, we can give them to the court reporter to make sure she gets it all.

So Doug Cain. And next will be Algin Garyt Goodsky. Algin is up there.

So Doug Cain.

MR. DOUG CAIN: D-O-U-G. CAIN. (Indiscernible) share a passion for Minnesota and rivers (indiscernible) camping. And (indiscernible) rain and headwaters of the Rain River. And I've seen the abuse that my people have put on resources throughout my lifetime, and I have great concern that it will continue exploitation of the environment at the risk for our water, our woods, our native life, all the species that do not have a voice here tonight, our muskrats and birds, the indigenous people in the Mille Lac area who have The Lakota have villages up, thousands of years. and the Anishanabe moved in a few years later. You know, half the nation passed through.

We've had a long history here, and hopefully a long future to plan for. And if we're not planning for that, we will have more and more

contaminated lands, river ways. I'm terribly afraid that the Line 3 current route will be left in the ground and not environmentally restored. And building another one with the tar sands rushing through it endlessly is a recipe for more fatal accidents and very troubling to me.

So that's why I'm here tonight. And I want to echo all the ones that have prepared speeches (indiscernible), and the rest of you with your own hearts sharing what your tradition is for our nation.

(Off the record.)

FACILITATOR: Say your name and spell it. Thanks.

MR. ALGIN GARYT GOODSKY: Algin Garyt Goodsky. A-L-G-I-N. G-A-R-Y-T. G-O-O-D-S-K-Y.

First off I'd like to say that I'm a permanent resident of the homelands of my grandparents and the ancestors before them. And second off I'd like to take a minute to acknowledge who I am in my culture and my tradition and in my language.

(Speaking Ojibwe.) What I just said there is my name, where I'm from. My mother is here present with me and my father, who is no longer

here.

Some things that I'd like to talk about today is, first off, I'd like to say that I come humbly to -- brief reminder -- brief reminder to people of things of all traditions, so to speak, not only in certain cultures and certain ethnicities, but traditions as human beings, recognizing the moral standings of everything. And to take a minute to realize how -- how much this greed affects us, this need for something that's materialistic.

If you take a -- you take a good look -- take a good look at the people around you that you're sitting around. That's not materialistic. Those are live human beings, and they want to do the things that you would want to do; and that's live until the very end, until you can't live no more. But how are we going to do that with dirty water? I mean, honestly, if I drink a cup of water -- or oil, not water, I'd probably end up, you know, with a bad body. You know, something would be wrong with me.

But the true concern that I have with all of this is that people are not realizing that we're becoming something that we were never meant to

be. It's like we've taken a step back in the chain of evolution. But I do believe -- I believe strongly that together, with the work of every single body, every single person in this room, every single person all across this nation, state, wherever, that we can all work together for a truly better future, one where you don't have to rely upon the money in your pocket, but rely upon the work that you put in that day.

I remember there was an old saying that used to say, you know, put food on the family -- put food on the table for the family. And to me it appears that all that went out of the window. Now it's put money in you pocket so we can live. Honestly, that sounds too materialistic to me. Now, if I went and put in a hard day's work hunting, gathering and practicing my own rights --

FACILITATOR: That's five.

MR. ALGIN GARYT GOODSKY: -- I could

have --

FACILITATOR: You can stop now.

MR. ALGIN GARYT GOODKSY: -- my

family. (Speaking Ojibwe.) Thank you.

FACILITATOR: Next will be Sue Menter.

MR. THANE MAXWELL: Okay. So first

I'd like to request that the court reporter take a brief, well-earned rest, because I've already submitted my comments in entirety in written form. So, therefore, please just take a rest while I proceed to read my comments.

To my fellow citizens and to the Department of Commerce, my modest proposal is to require Enbridge to completely remove the abandoned line and restore the entire area to the satisfaction of all parties prior to allowing standing to Enbridge and all other companies to propose any new pipeline.

Meanwhile, we could proceed as if we believed we had a future, rapidly transitioning away from the dirtiest energy and toward conservation, retrofitting public planning and transit, wind, solar and renewables.

I hope the reasonableness and the justice of this proposal won't prevent its consideration and joyful implementation.

Thank you.

FACILITATOR: Thank you. So Sue

Menter is next, and after that will be Jason George.

Jason George, if you can raise your hand.

MS. SUE MENTER: Hello, I'm Sue

1 Menter. Sorry, if you could 2 FACILITATOR: 3 spell your name. Sue, S-U-E. MS. SUE MENTER: 4 5 M-E-N-T-E-R. I'm a Minnesota resident for my entire life, and I also have worked in the environmental 6 7 field most of my life, and I'm extremely concerned 8 about this proposal for this new pipeline. 9 seen many things in my career where a company will commit to something, and they walk away when there's 10 an environmental event, and they don't clean it up, 11 and it ends up going back to the state to clean up. 12 13 Once that happens, things are left unmitigated for years, decades. And this is what I'm really afraid 14 15 of. 16 With the price of oil going down so much, I see -- from a cost benefit analysis, I can't 17 18 understand the logic to even doing this new project. 19 And that's all I want to say. Thank 20 you. 21 FACILITATOR: Thank you. Jason George will be next. 22 And after 23 that will be Gerald Striegel. Right over here.

MR. JASON GEORGE:

George, G-E-O-R-G-E.

My name is Jason

I'm with the International

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Union of Operating Engineers Local 49. We are strongly in support of the Line 3 project, and we believe it is a necessary project to replace the existing pipeline and move oil safely in this state.

I just want to talk about a couple of different points specifically to the EIS, the DEIS, that aren't maybe mentioned, and I think they should be.

One is training. I'm not sure how many people are aware, but our union, labor union, is here today; and UAA Teamsters, other unions that work on pipelines, spend millions of dollars a year of our members' money training specifically on pipelines to make sure that we do this right. I don't know if that gives anybody in here comfort, but it should. We know how to do this, do it well.

I would also like to say that right now there's pipeline training happening at our training center in Hinckley with directors from the tribes and the state of people that might actually get to go work on this project, which I think is a good thing. It's something that we try to do all the time. So I just wanted to point that out.

Oil trains I wanted to touch on briefly. Every ounce of -- every amount of oil that

doesn't travel through a pipeline is going to travel on rail. That's just a fact. And people that live in this community should be extremely concerned about that, because a lot of that oil traffic goes through St. Paul, Minneapolis, through neighborhoods. I think it's much better served for the public to be put in the pipeline underground. That's just the fact of the matter dictates that that's safer.

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Also, lastly, in the DEIS it mentions that there will be zero local jobs created by this That's just absolutely false. project. hundreds of 49ers personally -- some of them are sitting at this table -- that worked on the Clipper These same folks will build Line 3 as project. Hundreds of 49ers, hundreds of laborers will well. Local Minnesota residents will build this work. People need to know that as well. project. It's not addressed in the DEIS.

Lastly -- I still have a little bit of time -- I just want to say to the Commerce

Department that I really encourage you to stay on track with this process. We deserve answers on these issues and on -- you know, the company deserves an answer yes or no with the PUC in a

timely fashion. I believe this process is going better than it did for the Sandpiper project, which unfortunately went down. We hope to see this project built for the safety of Minnesota. We hope to see the jobs as well. They're good-paying jobs in a region that desperately needs it.

Thank you.

FACILITATOR: Thank you.

Gerald Striegel. Next to speak would be Jeffrey, Susu. Right here in the middle.

MR. GERALD STRIEGEL: Hi.

FACILITATOR: Start by spelling your

name.

MR. GERALD STRIEGEL: Gerald Striegel.

G-E-R-A-L-D. Striegel, S-T-R-I-E-G-E-L. Hi.

I'd like to focus on the greenhouse gas emissions associated with the materials to be pumped through the proposed pipeline. Although the Draft EIS identifies potential shipping variations, the corresponding lifecycle emissions are not quantified adequately. In the final EIS document is -- if the final EIS document is to provide heat-trapping contribution of the transported material lifecycle, greenhouse gas emissions must be thoroughly identified.

In Section 10.3.1.1.2 both heavy crude and dilbit are listed. They are unique substances. But Table 5.2.7-10 lists only heavy Western Canada sedimentary basin crude, with a range of 584 through 632 kilograms of CO2 equivalent per barrel. We're going to call it WCSB basin from here on out. It's an expansive area and contains both conventional and tar sands formation.

So what material is being identified? Page 5-440 states that lifecycle analysis or greenhouse gas tracks the total production of greenhouse gases from their extraction from the earth to the end-use combustion of the refined petroleum products or by-products. So in the case of dilbit, is the inclusion of Petcoke -- is that inclusive of Petcoke, and what emission content is applicable?

Given the expanse of the tar sands fields and the waning life of conventional basin assets, it seems that a worst-case scenario, dilbit and associated Petcoke products, would be an appropriate baseline. I would like to see those numbers identified and applied to the subsequent discussion.

Independently, the proposed pipeline

and its lifetime distributions to atmospheric CO2 could be dismissed as insignificant, if all other considerations are ignored, an approach foolishly applied to many discussions today. It adds up. It's cumulative.

When we consider this or any pipeline servicing the tar sands formation, it's critical to recognize not just the destructive contribution of the proposed pipeline, but also those already existing. It's important to understand there are roughly 170 billion barrels of recovered tar sands material. And when burned, it will add 25 billion metric tons of carbon to the atmosphere.

FACILITATOR: Thank you. You can hand in your written statement. Thank you.

Susu Jeffrey. And next will be Jaci Christenson. Where is Jaci? Right here. Great.

MS. SUSU JEFFREY: Susu Jeffrey.

S-U-S-U. Jeffrey, J-E-F-F-R-E-Y.

My comments are addressed to the appointed, not elected, Public Utilities

Commissioners. Since I'm a poet, it's in the form of a poem, which is dedicated to my nephew, Peter, the National Cancer Institute's poster person, for 17 years of chemotherapy survival.

The Process: The earth is a body, and a governor at his desk said, you, man or sir, you get to decide that hours away on ancient cretaceous bedrock on land you've never walked with veins of pure water running through, moving, always moving, you get to decide that somebody else can rip a hole in the skin of the body of the earth, insert in that, cut a tube to carry toxic liquified dead matter hundreds of miles away across the Hudson Bay, Mississippi, and Great Lakes/Lawrencian mother waters, to refineries, to bake black buried matter to poison the air and water for profit.

Remember the body is mostly water.

Remember the body of the earth is not just your body to decide to cut into with scalpels the size of dinosaurs for black fecal waste that should not see light of day. We breathe what runs all the wheels in and out of our bodies like water. We did not volunteer to be Job.

Who pays you for your decision to allow somebody else to cut open the body of the earth? Who calls this passing-the-buck service? Remove the self serve. It is simply vice.

I am on death watch for Peter. Why me? Why mine? I call this agony. And I call you,

on your decision on the body of the earth and the bodies of Peter's children, on the making of the future, the future of the earth and everything that lives and grows and casts a shadow upon her, because you do matter in this matter of life and death.

Constant growth is the cancer model.

Thank you.

FACILITATOR: Katy Lowry? No. Brian Brunette? Brian Brunette.

Okay. Start by spelling your name. Thank you.

MS. JACI CHRISTENSON: Jaci
Christenson. J-A-C-I. C-H-R-I-S-T-E-N-S-O-N.
Minnesota is uniquely rich in clean water; and it is
the resource we, every one of us in this room, are
dependent on for our survival. This Draft
Environmental Impact Statement should be our
assurance that that water be protected, and it is
not.

In looking at the DEIS, I found at least 80 times where Line 3 crosses flowing waters. These are just rivers, streams, brooks. But I put on a poster board, and it's hard to even fit them all on. That does not include our other waters, our marshes, our lakes, and our very important wild rice

beds.

So during the construction of this pipeline, what it says in the DEIS is that surface water may become contaminated from small spills or leaks of lubricants, gasoline, oil, dot, dot, other hazardous chemicals.

To protect the surface water resources, the Applicant would store petroleum products, hazardous chemicals, etcetera, in upland areas of -- at 100 feet from surface waters.

I question if this DEIS is considering seriously the impacts of Line 3. When I go to the Boundary Waters and I wash my dishes with biodegradable or nonbiodegradable soap, I wash them at least a hundred feet from the water's edge. These are chemicals, and we're allowing them at 100 feet. The U.S. -- the U.S. Department of -- the Forest Service is saying we need 150 feet for soap. This is not right.

Regarding the accidental oil release spills, in Chapter 10 -- and I have everything documented here for you -- the overall annual probability of a spill at any given time on this route is .249, which means that there's a 25 percent chance of there being an oil spill on Line 3 in one

This is an absurd risk to 1 every four years. We do not accept this high risk 2 Minnesota's water. when we go to our faucet to take a drink of water. 3 Regarding oil spills, the DEIS uses a 4 5 ten-mile region of interest for downstream. those impacts can be felt at least 35 miles 6 7 downstream, for example, with the Kalamazoo spill. 8 Also, little research has been 9 conducted on the dilbit toxicity, the organisms. And we have no idea what we are actually even 10 dealing with, because Enbridge will not release the 11 It's considered trade secret. 12 chemical composition. And so one other just final example is 13 the DEIS does not adequately look at alternative 14 15 There's a clean energy alternative, and routes. that needs to be included in the DEIS. 16 17 Thank you. Again, we encourage you, 18 FACILITATOR: if you have written remarks, to hand them in. 19 Brian Brunette is next. 20 After that is Ruth Lindh. Ruth? 21 22 MR. BRIAN BRUNETTE: Good evening. Мy 23 name is Brian Brunette. It's B-R-I-A-N. 24 B-R-U-N-E-T-T-E. I'm with the Minnesota Laborers, 25 but most of all I'm a proud Minnesotan.

I'd like to just point out a few things. There are many reasons why I support this project, but I'm just going to hit on just a few of them.

I support this project for environmental protection. Line 3 is old and out of date. The proposed replacement is the best option to protect Minnesota lakes, rivers, streams by reducing spills by nearly 40 percent.

Protecting the natural environment is important to our members, because so many of us hunt, fish, and enjoy the outdoors. We are committed to having pipelines operated safely.

Number two, reliable fuel supplies.

Minnesota depends on Line 3 for the fuel that keeps the state moving. If anything happened to the pipeline, our members and contractors would be hardest hit. Construction workers often drive long distances to reach job sites. The fuel is a major factor in construction costs.

Number three, jobs for northern

Minnesota. The pipeline industry employs engineers,
inspectors, and technicians, marketers. The Line 3
placement will keep our pipelines operating safely
and effectively so we can keep northern Minnesota

working.

Thank you.

FACILITATOR: Thank you.

Ruth is next. After Ruth is Mike

Neaton. Mike? You can raise your hand. Great.

So, Ruth, if you could spell your

7 name.

MS. RUTH LINDH: R-U-T-H. L-I-N-D-H.

There are numerous flaws in this draft of the EIS. Start with the document title. This is not a replacement for Line 3; it is a mostly new and different route pumped up and supersized. It endangers Minnesota waters, lands, and wildlife.

This EIS is a huge document, but the troubling part is what is missing. First, to abandon the old crumbling pipe in place with only the vague reassurance that it will be monitored indefinitely is not sufficient. We need specifics: Dollars, time frame, guarantees. What if Enbridge has gone out of business or morphed into a new entity, who pays then?

Second, we know that the heavier tar sand oil, when leaked or spilled into bodies of water, have never been successfully cleaned up once it has sunk. What would happen if a spill made its

way into Lake Superior?

Minnesota should be very uncomfortable with the fact that Enbridge classifies their worst-case scenario spill data as trade secret, so it cannot be reviewed by the public.

Third, we are in the brink of enormous changes in this 21st Century economy. How can any 30-year projection of costs not include consideration of rapid advances and demands for renewable energy, declining oil prices, and the growing scarcity and value of clean water?

Here are three snippets from the news this past week, and I cited the sources in my written testimony. Coal is dead and oil faces peak demands, says Jim Barry, the global head of BlackRock Infrastructure Investment Group, the world's largest, with 5 trillion in assets. The thing that has changed fundamentally is that renewables have gotten so cheap. In short, the smart money is headed away from fossil fuels and towards clean energy.

(Cheering.)

FACILITATOR: Please do not interrupt.

MS. RUTH LINDH: Headlines: Minnesota

steps up to the plate on climate. Now more than

1	ever Minnesota needs to continue to make the case
2	that moving away from fossil fuels is not just a
3	moral imperative, but is also politically feasible
4	and economically advantageous.
5	Headline: Water shortage looms. UN
6	Secretary General warned that by 2050 global demand
7	for fresh water is projected to grow by 40 percent.
8	Strains on water access are already rising in all
9	regions.
10	It is fool hearty to grant this permit
11	without consideration of these issues.
12	FACILITATOR: We need you to finish.
13	Thank you.
14	MS. RUTH LINDH: A legitimate option
15	of not building a new pipeline must be but carefully
16	maintaining the Line 3
17	FACILITATOR: Thank you. We need you
18	to finish now.
19	MS. RUTH LINDH: most prudent
20	choice.
21	FACILITATOR: Thank you.
22	Mike Neaton. And next will be Chuck
23	Nelson.
24	MR. MIKE NEATON: Mike Neaton.
25	M-I-K-E. Neaton, N-E-A-T-O-N.

I'll just make a comment regarding the Minnesota Statute of 116D.02, declaration of state and environmental policy. I won't read the whole thing, because it's a little bit long-winded.

But the Subdivision 1, Policy: The Legislature, recognizing the profound impact of human activity on the interrelations of all components of natural environment.

Responsibilities: In order to carry out the policies set forth in Laws 1973, Chapter 412, it is the continuing responsibility of the state government to use all practicable means, consistent with other essential considerations of state policy to improve and coordinate state plans, functions, programs, and resources to the end that the state may.

Amongst the things that it lists are number 7, which says define, designate, protect environmentally-sensitive areas. Number 10 says, preserve important existing natural habitats of rare and endangered species of plants, wildlife, fish, and provide for the wise use of our remaining areas of natural habitation, including necessary protection measures where appropriate.

The only point that I particularly wanted to make with this is that, given that this area in Minnesota is the only place on the planet that has wild rice, I point to the number 10, stating that preserve important existing natural habitats of rare, endangered species of plants will be a failure. This risk is a rare plant, critical plant to the native culture and livelihood. And also that essentially we are vulnerable to another Kalamazoo River, probably of even a greater magnitude.

So my conclusion is that we cannot afford to be risking our environment with a pipeline or the products that we're putting through it.

FACILITATOR: Thank you.

Chuck Nelson is next. And after that will be DeCourcy Squire.

MR. CHUCK NELSON: For the recorder,

I've already read this into the recorder -
reporter. My name is Chuck Nelson. C-H-U-C-K.

N-E-L-S-O-N.

Another pipeline proposal. It seems that Minnesota is crisscrossed with pipelines. No doubt some have been necessary. Today, however, we are entering a time when renewables, energy

efficiency, and conservation are clearly demonstrating a wiser course.

At this time, rather than risking Minnesota land and waters to allow investors to profit from the tar in Canada, let us be prudent; deny the permit for Enbridge 3, encourage safer renewables. In ten years there will likely be pipeline removal proposals.

Thank you.

FACILITATOR: DeCourcy Squire is next.

And after that is Nicolette Slagle. Nicolette.

Great.

MS. DECOURCY SQUIRE: DeCourcy Squire.

D-E capital C-O-U-R-C-Y. And last name is

S-Q-U-I-R-E.

And I'm here not as an expert, but as a concerned citizen. And I've read parts of the Draft EIS, especially Chapter 10, and as well as the reports by Stantec that were commissioned to the EIS on pinhole releases and on assessment of accidental releases and also the 2015 report by the Department of Public Safety on Minnesota's preparedness for an oil transportation incident, because I'm extremely concerned about the risk the proposed pipeline may pose to the environment if there are spills. And

what reading the draft report has left me with are some questions. So here are 12 of them.

The DEIS acknowledges in the introduction to Chapter 10, Section 10.1, the probability of release of some type along the entire pipeline during its lifetime is not low. The consequences of a large release can be significant.

Enbridge commissioned the two studies that I mentioned earlier. The one on the large release redacts the estimates of how much the potential leaks could be. Why is this not considered public information?

Stantec, et al., estimates the probability of leaks based on past history. And I realize we cannot always predict the future, even though my financial advisor is always saying past performance isn't a guarantee of the future.

What they did is they took the number of incidents, which were 80, over a period of 14 years, from 2002 to 2015, and they divided that on miles per year using the miles of the pipeline, roughly 2,000 miles. And that was Tables 2.4 and 2.5 in the report, Line 3 Replacement Project, Assessment of Pinhole Release.

In the DEIS Section 10.2.5.3, the

probabilities are figured by miles per single year, using the length of new Line 3 route only. But to get a better prediction one also needs to look at the expected lifetime of the pipeline to see how many incidents there might be, so multiplying by the number of years, although this does not take into account that the older the pipeline gets, the higher the probability of leaks. It's also becoming more difficult to estimate weather dangers, as we are seeing some changes in average temperature, severity of storms, et cetera.

The lifetime of a pipeline can be expected to be about 60 years, according to Petroleum News in the week of February 14th, 2010 newsletter, although catastrophic spills have occurred when pipelines were less than 30 years old, as with the old Line 3. So how long is the new Line 3 expected to last? And when it gives out, will it too be left in the ground to corrode and leak?

Reports cite to --

FACILITATOR: Time's up. Thank you very much. And written comments can be handed to the court reporter. Thank you.

We have Nicolette after that is Sally Downing. Sally? Right there. Great.

Nicolette.

MS. NICOLETTE SLAGLE: Hi. Nicolette Slagle. N-I-C-O-L-E-T-T-E. S-L-A-G-L-E. And I'm with Honor the Earth. I'm their research director. And I just wanted to talk a little bit about the process and choices.

Back in around 2006, 2005, New York
State had a decision to make, and this decision was
whether they were going to follow in the footsteps
of Pennsylvania and allow fracking in their state
and under what regulations. After a seven-year
process of environmental impact statements and
public comments and public concerns, they decided to
ban fracking.

And I'm bringing this up because the state of Minnesota is in a similar position to make a similar decision, not to allow fracking on their lands, but to allow the continued expansion of tar sands, because that is what we are talking about.

We're not -- yes, it's one pipeline, but it's a much bigger -- it's part of a much bigger picture, and that picture is what is happening to the people up in the area of Athabasca, what is happening to the people in Detroit and around other refining communities? What is happening to the global

population because of climate change, and what is going to happen to the future generations.

So we really need to spend a lot of time and energy thinking about this decision that we're making. We also need to think about Enbridge and their liability and what's going to happen when they want to stop using all of their pipelines because they've gotten every last drop of oil out of the ground. Are they going to be able to just leave those in place like the current regulations allow or is there going to be funds set aside for the removal and cleanup of these legacy sites? We need to look at that. We probably need an entire Environmental Impact Statement on the abandonment issue, because we know after this pipeline gets abandoned, there's going to be other ones abandoned too.

I also want to talk about this idea that if not by pipeline, then by rail or by truck. This is a false choice. Our choices are really are we going to continue down the path of destruction or are we going to transition to a new energy future?

I'm almost out of time. But I just want to say quickly also, Enbridge is not a good neighbor. We know that they've had at least \$1.1 million fines from pipelines that they've built

1	in Wisconsin in 2008. I heard they had fines here
2	when they built the Clipper. I just heard about
3	that. They have they had a penalty back in 2004
4	for \$30,000 in Minnesota. And, also, they like to
5	start building before they have permits in place.
6	FACILITATOR: Thank you, Nicolette.
7	MS. NICOLETTE SLAGLE: You're welcome.
8	FACILITATOR: Thank you.
9	All right. Sally Downing. And after
10	Sally is Kyle Samejima.
11	All right. Sally.
12	MS. SALLY DOWNING: Hi. My name is
13	Sally Downing. S-A-L-L-Y. D-O-W-N-I-N-G.
14	And I think the previous speaker must
15	have looked at my notes, because she said exactly
16	what I was going to say. So I'm done.
17	FACILITATOR: Thank you.
18	Okay. Kyle, you're up next. After
19	Kyle is Katy Lowry. Katy?
20	MS. KYLE SAMEJIMA: My name is Kyle
21	Samejima. That's K-Y-L-E, S-A-M-E-J-I-M-A.
22	And I am here as a resident of
23	Minnesota grappling with this complicated process
24	and DEIS and believe firmly, first and foremost,
25	that this dirty oil should stay in the ground. And

for those who want to significantly ask, well, how did -- did you use oil to get here tonight, well, even when we want to lose weight, we need to eat. And sooner or later we need to get completely off our diet of fossil fuels.

So my questions are these: Were the wetlands, forests, and farmland assessed not just for their climate change mitigation part of the sequestration role, but for their natural capital value, for the value beyond the bottom line that they provide?

Second, does the certificate of need assess the need for this oil, as it relates to renewable energy and energy efficiency standards and goals of Minnesota?

And, third, I reiterate the call for an alternative that includes no new pipeline and clean up of the old one.

And, four, how does this PUC compare the bottom line of Enbridge with the creatures and living systems that we depend on no matter where you stand on the political spectrum that have no voice and we are their voice?

And does the employment impact take into account the jobs that will be lost in tourism

and the hundreds of jobs that can be gained in renewable energy jobs, one of the fastest-growing industries all over the country.

FACILITATOR: Katy is up next. Do we have Katy at the mic? Okay. And then after Katy is going to be Angela Ronayne. Angela.

Angela, stay right there; we'll bring you the mic.

Katy.

MS. KATY LOWERY: Hello, friends and neighbors. I'm Katy Lowery. That's K-A-T-Y.

L-O-W-E-R-Y. I'm a lifelong resident and citizen of Minnesota.

The job of my government is to ensure that the interests of Minnesotans be balanced and that all the impacts of the proposed pipeline are entirely considered and paid for.

I'm here to speak to the inadequacy of the EIS, but I understand that there are other legitimate interests. Safety and jobs have been mentioned, and I think those are legitimate.

My concerns -- well, I have many. But one concern is that the EIS does not assign a funding source for all the social and environmental costs. Not assigning a funding source for

inevitable costs is inadequate.

My second concern is the abandonment of the old existing pipeline in place is not adequate. Abandoning the old, inadequate line in place leaves the public and people near and downstream inevitable -- vulnerable, the inevitable problems of an end line.

Surely the interests of safety and jobs would be advanced and all our interests would be advanced by mandating removal and restoration before replacement.

Thank you.

FACILITATOR: So thank you.

Angela is next. And after that is Steve Buck. Steve? Great. Make sure we bring Steve the mic.

MS. ANGELA RONAYNE: Hi, my name is

Angela Ronayne. A-N-G-E-L-A. R-O-N-A-Y-N-E. I'm a

shareholder with --

FACILITATOR: Could you hold the mic a little bit closer?

MS. ANGELA RONAYNE: I'm a shareholder with Merjent, an environmental consulting firm based in Minneapolis that works with both public and private entities and mainly within the energy

industry. I'm also a registered professional engineer in the state of Minnesota.

Enbridge retained Merjent early in the project planning process to conduct environmental and cultural resource surveys, advise on resource avoidance and minimization strategies, participate in the development of permit applications, and engage in discussions with federal, state, and local permitting agencies.

My role on this project is the engineering interface and data management lead. I work with Enbridge environment department staff and Enbridge staff from other departments in data management and environmental permitting and analysis efforts.

My work on the project began in 2014. Since May of 2013 Merjent has coordinated several types of environmental and cultural surveys for Enbridge within the environmental survey area, which completely contains the route considered in the DEIS, referred to as the Applicant's preferred route.

I have reviewed portions of the DEIS and read in several sections about how DOC used Enbridge's survey data to inform certain analyses

when comparing route -- the route to alternatives.

I would like to emphasize the survey information that our scientists have gathered regarding Enbridge's route is much more specific than the information presented on any alternatives; and I would like for the DEIS to make this clarification, when necessary, so the public is informed of the extensive work that has gone into studying the proposed route.

And while I appreciate our survey information is represented in some places, I would like to speak to the completeness of the environmental information that our scientists, as well as those of several specialized firms that we have subcontracted, have gathered on the preferred route and how it has informed the route that Enbridge is proposing.

Over the past five survey seasons, our team of scientists have gathered information on over 29,600 acres of land covering 430 miles in Minnesota alone. We surveyed 99 percent of wetland and water bodies; 98 percent of geomorphic stream surveys have been completed; 95 percent of protected flora surveys have been completed; 100 percent of northern long-eared bat surveys have been completed;

98 percent of cultural resources surveys have been completed.

These are just a few examples of the extensive information we have gathered on the proposed route. We have also gathered information on bald eagle and osprey nests, grassland habitat and butterflies, protected mussels and invasive species.

FACILITATOR: Thank you very much. We greatly appreciate it. And, again, written comments can be handed in to the court reporter.

Steve is up next. And then it's Todd Rothe. You want to raise your hand? Right there.

Great. Okay.

MR. STEVE BUCK: Hi. My name is Steve Buck. S-T-E-V-E. B-U-C-K. I'm a member of the laborers union. I represent roughly 10,000 laborers who build all types of infrastructure, including pipelines.

To me the importance of this pipeline is to replace an old, unreliable pipeline with the newest state-of-the-art technology that will provide the most safe and reliable transport of needed crude oil to refineries. So it's really more about replacing an existing pipeline than creating new

pipelines.

I wish we were to a point where we could flip a switch and go to renewables. Our members build all of that infrastructure also. Wind farms, solar farms. We do it all. But we're not in a position to flip a switch and make it change tomorrow. So as we move towards new technologies, there's still a need for the old technology.

I'll finish up quickly with -- to the point that the first speaker tonight made about the bees. As a beekeeper, I can assure you that my bees face a much larger threat from the people that grow our food than the people that build our pipelines.

Thank you.

FACILITATOR: Todd is up next, and then Mary Theresa Downing. Mary Theresa?

Thank you, Mary Teresa. You'll be next.

Okay. Todd.

MR. TODD ROTHE: My name's Todd Rothe.

T-O-D-D, R-O-T-H-E. I'm a lifelong Minnesotan as well, born in Thief River Falls. I come from (indiscernible). My family and I love Minnesota. We love and respect the environment. We love and appreciate the recreational opportunities that

Minnesota has to offer.

I also need to work, or should I say I prefer to support my family here in Minnesota. And on behalf of my 80 employees at my company that basically do construction jobs, we rely on projects like this to support our families and pay our taxes in Minnesota.

So what concerns me a little is that, you know, the nation of Canada, the state of North Dakota, the state of Wisconsin can approve all these projects, and here we are sitting in Minnesota waiting for perhaps another year. So that to me is offensive.

Many people, however, will speak to the economic benefits of this project; but I'd also just like to take a minute and focus on the environment and the environmental impact, because Enbridge is a company I've been involved with for 20 years on various projects of various sizes. And from the inside of working on these projects, I can assure you that the commitment to safety is paramount. It is the number one priority, not just for the people, including our construction people, but for the environment.

Enbridge is committed to preventing

accidents or injuries of any kind, including those to the environment. And that is stressed to an extent that I've not seen working for other industries. So I'd just like to say that, you know, this proves to me and should prove to you that their commitment is there to do this project right.

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That being said, there's probably -common sense to me that says there's probably not very many practical alternatives to ourselves, you know, using something other than oil to fuel our way of living in the United States. And if there were, I think those projects would be economically funded. However, they just presently do not exist. The technology is just not there yet. I personally would love to not have to put fuel in my truck, but that's not where we are at today. The Line 3 replacement project is simply a way to make it safer than alternatives and is the most practical way of doing it.

Regarding the deactivation of Line 3, it seems to attract all this attention. Just seems to me another diversion tactic to obscure and delay the process which is being applied for and tended to. So I would encourage the State of Minnesota to stick to their regulatory guideline and approve the

1 Draft EIS.

Thank you.

FACILITATOR: Thank you.

We have Mary Theresa, and then we have

5 Tim Andersen. Tim Andersen. Tim's over here.

Okay. Mary Theresa.

7 MS. MARY THERESA DOWNING: Mary

Theresa Downing. M-A-R-Y. T-H-E-R-E-S-A. Downing,

D-O-W-N-I-N-G.

And I'll probably repeat things that other people have already said more eloquently, but a statement of this type needs all kinds of very good data. And it seems like quite a few pieces are missing, and then the analysis isn't always the best.

For example, in Chapter 10 it's stated that immediate abandonment costs and annual monitoring costs are quantified, but there's no estimate or commitment for what would happen in the future if there was a leak and a cleanup. And we all know what happens when there's a cleanup after somebody has, oh, gone bankrupt. Isn't it amazing they're no longer around to pay for it? And you know who gets to pay for that, don't you? We do.

And it's really unfortunate that this

line would be handling fuel that people use. But we're not using it. It's tar sands. It's much dirtier than anything else that's going through the state right now. Not a good idea. Not a good idea to put it near water either, and that's where it would go.

So I think that's something we have to look at very, very carefully. Thank you.

FACILITATOR: Thank you.

After Tim we have Sarah Harper.

Sarah? Okay. Sarah is right there. Great.

MR. TIM ANDERSEN: Hi. My name is Tim Andersen. T-I-M. A-N-D-E-R-S-E-N. Thank you for the opportunity for me to speak tonight.

Everywhere I look around here tonight,
I see things that are made out of oil. You know the
list, from cellphones to sunglasses to
pharmaceuticals. Like it or not we cannot live
without petroleum. Until we develop the technology
to replace petroleum, we have to face the fact that
if we want to live the lives that we've built for
ourselves, we need oil.

Now, the question is how do we reliably and responsibly transport it safely using the best-available technologies while balancing our

concerns for the environment with our reliance on oil?

We live in a world of risk. We need to be honest with ourselves. Are we willing to give up everything petroleum brings to us to make our lives better, healthier, safer? We know the trade-offs. If not, how do we limit the risks of bringing this vital resource to our benefit? Safe pipelines.

Thank you.

FACILITATOR: All right. So Sarah is up next. And then Ann Manning. Ann? Okay. Great. Ann's right here. Great.

So, Sarah, you're up next.

MS. SARAH HARPER: Okay. Hello, my name is Sarah Harper. That is S-A-R-A-H, H-A-R-P-E-R.

I would first like to thank you for allowing me to comment today. The pipeline and the considerations being made for its proposed construction are a big deal to me. I spend every summer up north at my family farm, enjoying the spectacular lakes our state has to offer. And I would love to share these traditions with others. But with the new Line 3 breathing through regulatory

approval and our bordering states and Canada, I'm worried this may not be possible.

The current state of this DEIS reflects what will be taken into account for something far less potentially detrimental to our state, priceless land, lakes, rivers, and wetlands. It is clearly rushed and inconsistent.

As previously mentioned, the possibility of permanently decommissioning Line 3 for good with no alternative was not considered in any of the sections. This is a huge problem. The false trichotomy of either relying on the old Line 3, building a new one, or implementing poorly-thought-out and even infeasible alternatives, indicates an unmistakable preference for Enbridge's profitability over any other concern.

I would hope that all the decision makers know that there is an option to shut down Line 3 entirely by gradually diminishing the use of economically, ill-advised tar sands oil. But they won't know what benefits or downsize there are to this unmeasured alternative if it isn't analyzed sufficiently or at all. Lately this dirty oil is about as difficult to make a profit off of as it is to clean up, and much of it is selling at a loss.

It is stated in Section 3.1.1C that the Commission must determine whether or not the consequences to society of granting a certificate are more favorable than the consequences of denying it. And how can they accurately decide without being given the full range of options?

I see that in Section 4.2.2 it states that the Applicant should reasonably be expected to meet shipper demand through other means, but I don't see any comprehensive analysis of projected demand relating specifically to this project.

The scoping document promised much more. In fact, what I do see in Section 5.2.7.3 regarding overall energy consumption in the U.S. remaining relatively flat through 2040 would lead me to believe that upping the capacity is not a critical need. If this is the case, how do we know if it even is necessary to approve Line 3, which will be the largest project in Enbridge history?

It also states in this section that approval or denial of any one crude oil transfer project is unlikely to significantly impact the rate of extraction in the oil sands. This is inconsistent with what the executive summary says, which is that the project will have an increase in

extraction over what would have occurred if demand was met instead with light crude oil. This is misleading and --

FACILITATOR: Thank you.

MS. SARAH HARPER: -- makes me wonder how carefully this document was put together.

FACILITATOR: Thank you very much.

We have Ann next, and then we have Chelsea DeArmond. Chelsea? Great.

Ann.

MS. ANN MANNING: Ann Manning. A-N-N. M-A-N-N-I-N-G. I lead the Women's Conference For Future Generations.

I am here to ask that a full and complete EIS be conducted that takes into account the rights of future generations to a clean and sustainable world. The rights of future generations must be considered as a primary feature of any new review.

We all know that we're at the precipice of an environmental disaster. Adding new pipelines is a risk we should not be taking. We all care about our children, our grandchildren, our great-grandchildren, and they are the ones we must consider today.

Implementing the precautionary principles, looking at cumulative impacts, and considering the impact of climate change to burning this dirty fuel must be considered far more seriously than it has been outlined in the current DEIS.

I also want to talk about environmental justice. Minnesota prides itself on being an open, caring place. Yet when I read the material on the pipeline planning, I can only conclude that the rights of native people are not being included equally, as they should be.

There is, quote, low-impact rural areas with low diverse -- low density -- I grew up in rural America -- are not sacrificed zones. And in this case Line 3 represents a threat to the water that we all need, that we all find precious. The risk is too great.

And I know how much good jobs mean. I live in an area -- or I grew up in an area that was economically deprived. And I believe that we need a government that really believes that we can transition to a new economy and bring everybody along, that doesn't abandon anybody. And right now we don't have a government. We say you're on your

own. That's not okay.

And, lastly, we have to remember that the economy is a wholly-owned subsidiary of mother earth. But we treat it as if the economy is the owner and the earth is the subsidiary. No, it's not. And the earth bats last.

Thank you.

FACILITATOR: Chelsea is here. And then Elan Pochedley. Elan.

Okay. Chelsea.

MS. CHELSEA DEARMOND: First I would like to say thank you to -- that we have this opportunity to even have a public discussion about this environmental impact study. And I say thank you to the Friends of the Headwaters for intervening in the certificate of need process, to Honor the Earth and the Anishanabe Band who've taken a leadership in this, Minnesota 350, the Sierra Club, and many other grassroots organizations and volunteers who have helped raise awareness about the impact pipelines have on our water sources, communities, and way of life.

This draft environmental impact state study raises more questions than answers for me. By the DEIS's own conclusions, construction of the Line

3 preferred route would not create any permanent jobs for Minnesotans, and temporary jobs would be filled by people who relocate. That's in Chapter 5, Section 3.4.

It would also perpet-- perpetuate structural racism by disproportionately affecting indigenous populations, including an increase in sex trafficking. That's in Chapters 9 and 11.

It would have at least one catastrophic spill in the next few decades. As a resident of St. Paul, I get my drinking water from the Mississippi River, and this concerns me.

And it would contribute to climate change to the tune of costing society an estimated \$478 billion over its life span. And that's in Chapter 5, Section 2.7.

This Draft EIS does not realistically consider a no-build option, does not adequately analyze potential spills, and devotes only 18 pages out of thousands to the responsibility for cleaning up the existing pipeline that Enbridge will abandon.

Another concern that I have that isn't addressed in the Draft EIS is enforcement of compliance. This is important to me because I spent time trafficking bills at the Capitol during this

legislative session, and I learned that the oil and gas industry lobbied our state to specifically exempt pipelines from the certificate of need requirement. And thankfully this provision did not make it into law.

But doing a quick -- okay. And there's also -- besides these lobbying efforts, there's also PR campaigns to convince Minnesotans that pipelines are safe and that Enbridge cares about our communities. But doing a quick Google search on Enbridge's safety and compliance record reveals a very different story. And, of course, there's the 1.7 million gallon spill right here in Minnesota, and the notorious Michigan Kalamazoo River spill.

We have an opportunity here to say no to a multinational fossil fuel corporation who wants all the rewards of faster, bigger profits without taking the responsibility. When we say no to pipeline profiteering, we say yes to the value of --

FACILITATOR: Thank you.

MS. CHELSEA DEARMOND: -- our fresh water, we say yes to leadership of First Nations people who are protecting this water --

FACILITATOR: Thank you.

1	MS. CHELSEA DEARMOND: we say yes
2	to permanent jobs for Minnesotans in the
3	renewable
4	FACILITATOR: Thank you very much.
5	MS. CHELSEA DEARMOND: energy
6	specter, we say yes to our safe commitment to
7	resisting climate change.
8	FACILITATOR: You can provide the
9	written statement
10	MS. CHELSEA DEARMOND: We say no
11	FACILITATOR: to the court
12	reporter.
13	MS. CHELSEA DEARMOND: to profit
14	for a few, and yes to what is priceless for all of
15	us.
16	FACILITATOR: Thank you.
17	Elan is next. And Kevin Pranis is
18	next. Kevin? Kevin Pranis? Great.
19	All right. Elan.
20	MR. ELAN POCHEDLEY: Elan Pochedley.
21	E-L-A-N, P-O-C-H-E-D-L-E-Y. (Speaking Ojibwe.)
22	Hi. I'm Elan Pochedley. I'm a grad
23	student at the University of Minnesota and an
24	enrolled member of the Citizen Potawatomi Nation.
25	Pipelines increase violence against

native women and their communities. Involved in the oil fields, for example, rape, assaults, and trafficking of native women have skyrocketed in the last few years.

Enbridge has a vested interest in the Bakken oil fields as of 2016, investing \$1.5 billion. The question I have is why should we reward what manifests from these infrastructure development projects with more trust, with faith in something that doesn't benefit our futures, our families, and our communities?

The protection of Manoomin beds, or wild rice beds, is also vital to the Ojibwe communities of Minnesota. Corporations have historically altered the water levels of these beds, often flooding them.

Infrastructure development should prioritize the interests of communities and not capital. Capital is vital for creating jobs, but at the same time we must weigh that against the interests of current citizens and the citizens coming after them. Essentially I'm trying to say that creating or assisting creating a toxic environment needs to be rethought.

Miigwech.

FACILITATOR: Thank you.

We have Kevin, and then we have Ellen Pajore (phonetic). Ellen? Ellen, where are you again? Up here. After Ellen, we have Dave Cooley.

David. Okay.

MR. KEVIN PRANIS: Kevin Pranis.

K-E-V-I-N. P-R-A-N-I-S.

So I'm also with the laborers union representing the skilled construction workers.

We're proud to work in a range of industries, including pipeline, but also, as Steve mentioned, renewables.

A couple of points. One, I want to thank the Department of Commerce for the tremendous amount of work that went into the Draft

Environmental Impact Statement. I wouldn't say it's perfect, but it is the most comprehensive study that's ever been done, to my knowledge, on any pipeline in Minnesota and gives us a great basis for moving forward with a decision.

I'd also say that preventing spills has to be a top priority. It's a top priority for us, just as it is, I think, for everyone in this room. That's actually why we support this project, because simply by replacing an outdated line that

was built with outdated technologies that are no longer in use and shouldn't be, we can reduce the risk of spills by nearly 40 percent. Because, folks, we're not talking about whether to have a pipeline; we're talking about the difference between building a safer, newer pipeline and the existing pipeline.

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The decision to not go forward with a replacement won't mean there's no pipeline. All it will mean is that we're still using the existing line. And we can't keep Band-Aiding that forever, although I think our members do a good job. We get lots of work out of it, but it's not a long-term solution.

I would also say that the climate change is also essential. That's why we're involved in building wind and solar, natural gas, replacement of coal, reducing carbon emissions. All those are great things to do. Those are climate investments. Stopping a pipeline is not a climate investment. Ιt makes virtually zero impact on climate, because the truth is the oil moves by other means. If you're going to invest in electric cars, that's a different But that's not what we're talking about story. here. We're talking about whether the oil moves

safely through a newer pipeline, whether it moves through the old pipeline, or whether it moves through rail, which is much more unsafe.

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In terms of the Environmental Impact Statement, while it's overall excellent and it's 5,000 pages, you know, incredibly comprehensive, there's one big glaring hole on construction job impacts. An assumption was made, sort of for purposes of the report, that there will be zero local jobs. It's acknowledged that's not based on anything, and that's completely inaccurate. As all of us know, in fact, our agreement that will cover this contract require that half of the workforce be local workforce. And we've seen that on project after project. So we're talking hundreds and thousands of jobs for local people, not only existing members, but also new career opportunities for people for whom this would be a first chance to get into a family-supporting career that can last the rest of their lives.

Also, I think it's important to look at the public safety of the rail alternatives.

There is no discussion of the actual public safety risks of rail not only from derailments and explosion, but also at at-grade crossings. In fact,

the Keystone report that the U.S. State Department did showed that you're talking about additional deaths and injuries as a result of moving those volumes by rail instead.

Last, I think that it's important to look -- to look at the -- Line SA04 we think is a waste of time, because ultimately all of this feedstock fuels Minnesota's refineries. The gas only moves --

FACILITATOR: Thank you.

MR. KEVIN PRANIS: -- to get here.

That all comes from this pipeline.

13 FACILITATOR: Thank you.

MR. KEVIN PRANIS: We have to find a safer alternative.

16 FACILITATOR: Thank you very much.

Did we find Ellen Pajore? Ellen Pajore.

18 Okay. David.

MR. DAVID COOLEY: My name is David Cooley. D-A-V-I-D. C-O-O-L-E-Y. I'm against this pipeline being built, period. I want to (indiscernible) as being a realist. And since there's already pipe on the ground laying up there up north and has been for a while, I want to make sure that Enbridge is paying for removal of the old

pipeline before the new one being laid.

I also want to make sure that there's a provision made by the State that we have upfront escrow for the future removal of this Line 3 in case Enbridge disappears off the map in the future or whatever. So when it's no longer of service, it can be taken out.

I don't want private property owners, whether they're native or nonnative, to be on the hook to pay for removal of old Line 3, nor future removal of the new Line 3 whenever that period comes to be.

How is a private property owner, whether they're a businessman, a farmer, a homeowner, a cabin owner, going to deal with an abandoned pipeline on their property? How are they going to -- who's going to buy it? How are they going to deal with lower property values? This has got to be dealt with up front. The EIS needs to address removal of the old -- new -- old and new Line 3 up front.

Another point. Minnesota is joining states and cities to support the Paris Climate

Accord. This Line 3 is in dec-- is counter to the whole idea of preventing climate catastrophe on down

the line. And all of the line -- all the training that has been done by people installing a pipeline has not done anything to make Enbridge other than a bad pipeline manager, since they have such a bad record of pipeline spills.

So you guys can put your pipelines in the ground, but they're going to spill, and we're going to end up with it in our water. Okay?

Now, just this past week I heard a program on MPR. It took 13 years to go from horses to horseless carriages. 13 years. We're going to put this pipeline in the ground. It's going to maybe take a year or two to get in there, if they do that. And then another seven, eight years down the road, there's going to be far reduced demand for the oil. Yes, I acknowledge that we're going to need some oil along the way. But should it be tar sands oil?

Another thing that hasn't been brought up here tonight, the effluent that brings -- think of bricks being --

FACILITATOR: Thank you.

MR. DAVID COOLEY: -- shipped down here through that pipeline --

FACILITATOR: Need you to wrap up.

	66
1	MR. DAVID COOLEY: The effluent is
2	FACILITATOR: Thank you.
3	MR. DAVID COOLEY: highly toxic
4	and
5	FACILITATOR: Thank you.
6	MR. DAVID COOLEY: can't be taken
7	out of the ground.
8	FACILITATOR: Thank you.
9	Okay. Thank you.
10	So we have a lot more cards than we do
11	time. We just want to say the court reporters are
12	still out in the hall. If you do want to go and
13	give an oral statement, they will write it down for
14	you. If your card is picked, you can still come in
15	and take your turn. So wanted to remind people that
16	option is there.
17	Next is going to be Lee Stocking.
18	Lee?
19	And then the person after that will be
20	Steve Clemens. Steve, if you could raise your hand.
21	Okay. So Steve will be next.
22	So, Lee, you're first. And if you can
23	spell your name. Thank you.
24	MR. LEE STOCKING: Well, it's either
25	Lee or Hobart Stocking. What were my parents

thinking? I'm a -- that's Hobart spelled like dishwasher, and Stocking like you wear on your foot.

I'm a lifelong resident of Minnesota. I live in St. Paul.

I went to the University of Minnesota, where I studied chemistry and physics and graduated in chemical engineering. So you get a little bit of a nerd spin on this.

My wife is a lifetime resident of Minnesota and grew up on a Minnesota farm. No farmers' daughters from here.

My point is I'd like to see more detail in the Environmental Impact Statement on the impact of climate change with respect to Minnesota crop production. Three simple points here.

Line 3 is going to be responsible for spewing into our atmosphere over two megatons of CO2 per week. The science is in. We understand the impact on global warming.

I read a report that was published last year by 14 scientists at the University of Ames in Iowa on the impact of temperature change on our crop production in Iowa and Minnesota. In Minnesota the corn yield will be decreased by 49 percent by the end of the century, soybeans by 40 percent, and

wheat by 22 percent.

So why is that? Well, it's for every degree day over 86 degrees Fahrenheit, the crop production is reduced by 6/10ths of a percent. What does that mean in economic value to Minnesota Well, it means that if this happens -- and farmers? it's predicted to happen, because over the next 30 years we've been experiencing that we expect to see 22 to 70 days over 95 degrees Fahrenheit in Minnesota, whereas in the last 30 years we've seen only 3 days on an average over 95 degrees. The economic impact of that is \$470 million over the next 10 years. And that's a very conservative estimate.

So what I want to know is what are we smoking? Who's going to pay for that? We -- we have better alternatives. We have cleaner energy where there's more jobs. We don't need this pipeline. And I'd like to see the crop impact added to the EIS.

Thank you very much.

FACILITATOR: Thank you. After Steve Clemens, it's Cameron Winton. Cameron, if you could raise your hand. Cameron's over there. Great.

Steve.

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MR. STEVE CLEMENS: My name is Steve Clemens. S-T-E-V-E. C-L-E-M-E-N-S. I've been a resident of Minneapolis for 27 years. My family now gets 100 percent of its residential electricity from solar, a community solar garden in Minneapolis. I drive a hybrid car, and I'm on the list to buy an affordable electric car later this year. I rode a nice bicycle to this hearing.

I've attended numerous PUC hearings in the past three to five years on oil pipelines, and I have toured the existing pipelines in northern Minnesota with a staff member of the indigenous environmental network. And I have seen Enbridge oil pipelines, which are supposed to be buried, now completely out of the ground. I've visited sites of past oil spills that still have not been cleaned up.

I want to speak on behalf of the water. I've walked some of our rivers and creeks with a local Ojibwe woman, who is commissioned by tribal elders to pray for the rivers.

I want to speak on behalf of my children and our future generations and all living things. My main concerns about this Draft Environmental Impact Statement are these: It does not adequately address the climate chaos caused

primarily by the burning of fossil fuels. The extraction of tar sands is enormously damaging to both the land and the Athabascan people who live in Alberta.

It does not adequately address the treaty rights of the Ojibwe Nation within our state, especially how this pipeline jeopardizes lakes where wild rice grows.

The proposed placement of Line 3 continues a practice of environmental racism. Our fresh, clean water is priceless and must not be jeopardized for corporate profit, especially foreign corporations with a track record of oil spills.

We need the Department of Commerce to support infrastructure development in Minnesota for renewable clean energy, not the old, dirty oil ripped from mother earth.

Redo this EIS with a clear recommendation that the PUC deny the permit. No pipeline at all.

Thank you.

FACILITATOR: Thank you.

Cameron Winton. And after Cameron will be Mary Kowalski. Mary is right here. Great.

Cameron.

MR. CAMERON WINTON: Hi. Good evening. My name is Cam Winton. I'm with the Minnesota Chamber of Commerce. The Minnesota Chamber is comprised of 2,300 companies of all sizes all across our state, and those employers between them have 500,000 employees. It's my honor to speak on behalf of those companies this evening.

A quick note to the gentleman who spoke in his native tongue at the beginning of his comments. Thank you. That was a moving experience to hear that, with the Mississippi River through the windows there.

To the woman who shared her thoughts in the form of a poem, I'll admit I've never testified in the form of a poem before. That took guts, and I appreciate that.

And to the spirit of dialogue about our state and how we can chart that shared future, to borrow a phrase that someone over here used, I want to share a few thoughts in support of the Line 3 replacement.

First of all, the Draft Environmental

Impact Statement is thorough. It took more than a

year. It runs through thousands and thousands of

pages. It took dedicated experts intense work to

create. It considers routes and alternative routes. It considers impacts and potential mitigants. It deserves to have good impact, good input factored in to be polished up and finalized, and then the Public Utilities Commission needs to move ahead promptly with the certificate of need and route permit process.

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I do want to echo some of the points that have been made here. Unfortunately, the Draft Environmental Impact Statement fails to account for all of the local jobs that would be created. Regarding those jobs, it was noted that these are, quote, unquote, just temporary jobs. And I say this with respect to the person who said that, but I think it's very important to note that when we call jobs just temporary jobs, that ignores the reality of how everything we see that's been built by human hands is built, and it disrespects the livelihoods and the life work of the men and women we see here and over there and over there and their families. These are not just temporary jobs; these are jobs; these are good jobs.

Regarding Enbridge, Enbridge is a member of the Minnesota Chamber of Commerce. And if you talk to the thousands of landowners and

employees and local businesses whose livelihoods are supported by the company, they say that Enbridge is a darn good neighbor. And I've had the opportunity to meet with dozens and dozens of Enbridge employees over the past year, as they have gone to countless meetings, much like this one. And I believe that they are striving their very best to be good neighbors and chart that shared future for us.

And in closing, in my remaining 17 seconds, I direct you to page 17 of the booklet that we all have. It compares different methods of moving petroleum, petroleum products that we all need.

And just in closing, I direct your attention to cultural resources area of interest.

48 acres are impacted by the Applicant's preferred route and, in contrast --

FACILITATOR: Thank you.

MR. CAMERON WINTON: -- 85,000 --

84,000 are impacted by the --

FACILITATOR: Thank you.

MR. CAMERON WINTON: -- alternatives.

FACILITATOR: Thank you. All right.

MR. CAMERON WINTON: Let's approve

this pipeline.

1 FACILITATOR: Thank you.

We have Mary Kowalski next. After that is Sierra Osimoatutu (phonetic). Sierra Osimoatutu? Is she here?

MS. MARY KOWALSKI: Good evening.

M-A-R-Y. K-O-W-A-L-S-K-I.

Water and oil is my primary concern. Tar sands oil, the dirtiest, most greenhouse gas intensive, with no proven cleanup, pumping through communities at about 760,000 barrels per day, being pushed through pipes by a company whose safety records are missing from the DEIS, a company reported to have 800 spills in its history gives me pause. Why would we permit this archaic infrastructure to be built at all?

Given the cost to produce tar sands oil that is 80 to \$100 a barrel, with the profound risk to Minnesotans and excess capacity now in pipeline construction, why should the line be built?

The Department of Commerce notes the Applicant's preferred route would cross more wild rice lakes than any other proposed route. This area has the highest concentration of the most pristine aquatic ecosystems and some of the shallowest aquifers that can have irreversible damage done by

the Applicant's preferred route.

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The Applicant's preferred An example. route runs very, very close to Spire Valley, the source stream that provides trout to all the fresh water streams in Minnesota. It could be taken out by the construction of the pipeline. If during construction they disrupt the geological structure that creates the natural springs, they have destroyed the hatchery forever. There is no The hatchery has served the state recovering it. since the 1950s. There is no return from this strategic error.

As a concerned citizen, taxpayer, and property owner affected by this process, I expect the DNR, the PCA, the DOC to negotiate a route that would be the least harmful to the citizens of the state, and especially to our water resource.

While it is my preference to not build another pipeline, if the replacement is permitted, use a route that would protect Minnesota citizens.

I want to make two points about the route. It's clear there are differences among the routes economically and ecologically. Those differences need to be weighted for the preservation of water, especially water that is the most pristine

1 in the state.

It appears that SA O4 is the least destructive to our state natural resources. It is the most direct to the final destination. It travels mostly over land. It is farthest removed from our clearest water, wetlands, and natural habitat. Please give serious consideration to SA O4 or a route that is the least potentially --

FACILITATOR: Thank you.

MS. MARY KOWALSKI: -- destructive to our life in Minnesota.

FACILITATOR: Thank you.

And again, a reminder, please give your statements over. You can give them to the people who are bringing the mic to you as well to give them to the court reporters.

Sierra Osimoatutu? Did she come in? She's not here. Thank you.

Okay. We're going to go with Molly Wilbur-Cohen. And next will be Ellen Pajore. Is Ellen here? I called her before. Just thought we'd try one more.

So we're going to go with Molly Wilbur-Cohen. And next will be Allen Richardson. Is Allen here? Okay. Thank you.

1 Molly.

MS. MOLLY WILBUR-COHEN: Thank you for this opportunity. My name is Molly Wilbur-Cohen.

M-O-L-L-Y. W-I-L-B-U-R, hyphen, C-O-H-E-N.

I am a volunteer with Minnesota 350 and have been a health professional for more than 20 years. I am testifying about the problems and misquided statements in the Draft EIS.

In Chapter 10, Section 4.2.2.1, it states that little research has been conducted on the toxicity of diluted bitumen or tar sands oil to organisms, although the dilbit contains many potentially toxic materials.

Further into the chapter, at 10.4.1, it reads, quote, long -- excuse me, longer-term health effects of oil spills aren't well documented, but components of crude oil are known carcinogens. Spills have been shown to have limited correlation to cancer. And it says this is from the International Agency for Research on Cancer in 1989.

I'm going to speak about some following articles which show a very high correlation to cancer. In a 2017 article by Paul Goldstein, professor of toxicology at the American Medical Forensic Specialist website: The target

organs for contact with crude oil are the blood-forming system, nervous system, and reproductive system. Long-term exposure via inhalation and skin, which can be a few days or weeks, can cause central nervous system problems; can cause damage to blood and organs, such as kidneys and livers, according to Centers for Disease Control and Prevention.

There's also significant risk of cancer because tar sands crude oil isn't biodegradable, and effects of exposure to this toxin can follow generation to generation. What appears to be a small exposure may prove to be catastrophic.

In a July 2014 Financial Post article, oil tar sands pollution was linked to an increase in cancer rates for Chippewa in Alberta, Canada.

Research conducted in collaboration with the Athabasca Chipewyan and Mikisew Cree First Nation and the University of Manitoba, they found unusually high concentrations of contaminants emitted during extraction and upgrading of bitumen. There were 23 cases of cancer reported among 94 persons interviewed over a three-year study.

And I am against this building of the pipeline and --

1 FACILITATOR: Thank you.

MS. MOLLY WILBUR-COHEN: Okay.

FACILITATOR: Thank you very much.

Allen Richardson. And next will be

Jason George. Jason George? Is he here?

MR. ALLEN RICHARDSON: My name is Allen Richardson. A-L-L-E-N. R-I-C-H-A-R-D-S-O-N. I'm an organizer, and it's been my great privilege to work with an outfit called Minnesotans for Pipeline Cleanup.

Door knocking landowners along the old Line 3, the central question coming from landowners is this: If a private property owner who has been graciously hosting Enbridge's Line 3 pipeline would like it removed from their land in the face of Enbridge's desire to decommission or abandon that pipeline, who's on the hook for that financially? Is it the private property owner or is it Enbridge? And I can tell you this: That thus far I haven't spoken to anyone who thinks that the landowner should be on the hook for that.

The second point is that the Draft
Environmental Impact Statement makes a rather blithe
assertion that the pipelines are, in general, 10 or
15 feet apart. Mr. John Munter of Warba took it

upon himself to walk the distances of the public thoroughfares between Rowena and Grand Rapids and found that, amongst other things, on the -- the distance between Line 3 and Line 4, there is on average 30 feet rather than 15, which is certainly ample room to get some heavy equipment in there.

This next observation goes out to my brothers and sisters in the labor movement. Hello, laborers. How is it going for you, 49ers?

The Draft Environmental Impact
Statement doles out this statistic: That Enbridge
estimates the cost of removing Line 3 at
approximately \$1.28 billion. My question is this:
How many jobs can you get for \$1.28 billion? What
it boils down to is this, is that it would be great
if our brothers and sisters in the labor community
would publicly and vocally throw their lot in
politically with the landowners who are asking that
these pipelines be removed.

Specifically, we're talking about landowner choice. If someone is indifferent to having a piece of abandoned pipeline on their property, well, then, no harm, no foul. But there are certainly no shortage of landowners who would really appreciate it if Enbridge would just take

that with them. And we all agree that you are the ones who are qualified to do that work. And \$1.28 billion sounds like a pretty good job creation program to me, particularly because we know that Enbridge intends to abandon the rest of those pipelines as well, and we are in the process of establishing a precedent on this question.

Finally, I observed that the DEIS says that removal of the existing Line 3 could positively affect these communities by removing stress or anxiety related to the presence of the abandoned pipeline and ongoing risks to related water flow, soil, and water contamination and subsidence.

Sounds like a win-win to me, labor guys, to --

FACILITATOR: Thank you.

MR. ALLEN RICHARDSON: -- get a piece of that 1.28 billion to help out those communities.

FACILITATOR: So we have John

Muehlhausen next. John here? There's John.

And next will be Stan Sattinger. Stan here? Stan's over there.

Okay. So John.

MR. JOHN MUEHLHAUSEN: Thank you.

Thanks for this opportunity to comment on Enbridge's

Line 3 replacements project. My name is John

Muehlhausen. That's spelled J-O-H-N,

M-U-E-H-L-H-A-U-S-E-N. And I'm a founding partner

of Merjent, Inc.

Merjent is an environmental consulting company that serves a variety of energy projects.

Merjent helps project proposers and regulating agencies fulfill their environmental obligations under the law.

Merjent is neither an advocate for nor an opponent against specific energy projects or energy policies. Rather, we are an advocate for the environmental review process, a process which is implemented in response to state and federal energy policies and the projects that the marketplace identifies. This is a process which allows for substantial stakeholder input, impartial scientific analysis, and sound decision making.

Merjent works on projects all over

North America, but is headquartered here in the Twin

Cities in Minnesota. Merjent presently employs

about 72 full-time staff, most of who are

environmental scientists or engineers.

Our scientists' and engineers' specialties range from air quality to aquatic biology and hydrogeology to historic archeology,

among many other disciplines. We also employ 10 to 50 additional field staff during the field season, which is typically every spring, summer, and fall.

Our field staff gather important information on wetlands, water bodies, endangered species, historic sites, and many other resources in the vicinity of energy projects.

Our scientists have been studying the environmental impacts of the Line 3 replacement project since the project was announced in 2014.

We have been working with Enbridge staff to support a detailed and objective scientific review.

Information we have gathered has been shared with state and federal regulators, such as the Public Utilities Commission, the Department of Natural Resources, and the Army Corps of Engineers, to supplement their environmental reviews and collectively build a more robust record of environmental resources in Minnesota.

I'm sure you have heard other people comment that energy projects such as the Line 3 replacement project are job creators. The environmental review process also is a job creator. We are obliged to this process not only because it allows public input, independent review, and

1	sensible decision, but also because it keeps our
2	scientists here in Minnesota and elsewhere employed
3	and yields vast amounts of important scientific
4	information, such as the discovery of new
5	archeological sites, identification of previously
6	FACILITATOR: Thank you.
7	MR. JOHN MUEHLHAUSEN: unknown
8	species thank you for the opportunity to comment
9	on this.
10	FACILITATOR: Thank you.
11	We have Stan Sattinger. And next is
12	Martin Malecha? He's right there.
13	Stan.
14	MR. STAN SATTINGER: I'm Stan,
15	S-T-A-N, last name Sattinger, S-A-T-T-I-N-G-E-R. I
16	have a copy detailed copy of my testimony that I
17	can furnish.
18	Okay. So I'm a resident of South
19	Minneapolis. I'm a registered mechanical engineer
20	and past employee of Westinghouse Electric
21	Corporation, where I worked on the design and
22	testing of mechanical systems.
23	My five-year-old grandson comes to
24	vacation with us up north in Minnesota each year,
25	and I want to do my part to ensure that together we

can enjoy waters that are uncontaminated by crude oil spills. So I've reviewed the analysis of the likelihood of spills from the proposed line replacement, as presented in Chapter 10.

Section 10.2.1 outlines how the probabilities of failures were put together at a number of water crossing sites per the route using historic data on failure incident. No rationale is offered for taking the presence of a water crossing or any other feature as a basis for determining the likelihood of a rupture.

Pipelines are typically operated over wide ranges of flow rates, so there are up-and-down cycles of pressure on the pipe wall. The pipe wall fatigue damage that results from these -- from this pressure cycling causes ruptures, which tend to occur at close distances from pump discharges.

The National Transportation Safety
Board established that fatigue played dominant roles
in the 6,000-barrel rupture of Enbridge Line 4 at
Cohasset in 2002 and in the 20,000-barrel rupture of
Enbridge Line 6B in Marshall, Michigan in 2010.

In my opinion, using historic failure data to make valid failure probability predictions would require taking into account the distances from

the nearest pump discharges where the actual historic failures occurred and where the predictions are to apply in the new system.

On page 10-17 of the DEIS appears a statement that, quote, the risk of an accidental spill on an existing pipeline in the Enbridge system in Wisconsin or elsewhere would not be materially different whether Line 3 operates at the current capacity of 390,000 barrels per day or at the proposed 760.

FACILITATOR: Thank you very much.

You can turn in your statement to complete it.

Okay. So thank you very much.

We are coming very close to 9:00. The State has agreed that we can continue on, with a hard stop at 9:30. So we can fit in a few more public comments.

The staff is going to start taking down the posters, because we're going to need to be able to clear out of here before 10:00, and it takes some time. So they will be doing some dismantling in the background.

The court reporters are still out in the hall in the atrium area, if you'd like to give your statement there. But we will continue on, for

those who do still want to make their public statement, for up to 30 minutes more. We need to stop by 9:30 to leave the room, the venue, in time.

So, with that, Martin Malecha is next.

And after that we have Kathy Hollander. Kathy is still here? Okay.

So, Martin.

MR. MARTIN MALECHA: My name is Martin Malecha. M-A-R-T-I-N. M-A-L-E-C-H-A. I'm a lifelong resident of Minnesota, and I'm here tonight to talk about the LaSalle Lake State Recreation Area, a 1,000-acre parcel in Hubbard County. The recreation area includes the second deepest lake in the state at 213 feet, and it's adjacent to a cold water stream, a 200-acre scientific and natural area on pristine strips of the Mississippi River.

The landscape has been identified by the Minnesota County Biological Survey as an area of high and outstanding biodiversity significance.

Surveys of the area have identified over 90 species of trees and shrubs and more than 140 species of vivacious plants, including 12 species of orchids.

Numerous rare, threatened, endangered, and special-concerned species of plants and animals have been identified there.

The LaSalle Lake recreation area was purchased by the State of Minnesota in 2011 for \$8.5 million and has since then been developed further. The area now offers swimming, boating, fishing, camping, with plans for further development. The LaSalle Lake's recreation area is located 233 miles northwest of Minneapolis-St. Paul and 8 miles north of Itasca State Park. It is also located almost next to the Applicant's preferred route. LaSalle Lake itself is only one-and-a-half miles from the proposed pipeline.

Upstream of the LaSalle Lake are
Little LaSalle Lake and Big LaSalle Lake. All three
lakes link to each other at the Mississippi River by
LaSalle Creek. The proposed pipeline crosses
LaSalle Creek, a designated trout stream, about
one-half mile above Big LaSalle Lake.

In addition to heavily forested and steep terrain in the area, for the pipeline to cross LaSalle Creek, it would go through a large wetland area, a process that will unavoidably be hugely disruptive to this sensitive ecological area.

Along with many other dangers, any trenching and other construction activity may well lead to silk-laden water entering into LaSalle

Creek. Not good for the trout. These concerns about the terrain, the ecology, the wetlands apply even more so in the event of a spill. Not only would damage to this pristine area be enormous, but the terrain and other will make getting to the spill, containing it, and remediating it a much more difficult job than in other areas with other topographies.

Unfortunately, we know from prior experience that pipeline spills are catastrophic, and the areas affected by the spill never really recover. Just look at the Enbridge spill on the Kalamazoo River.

After this significant recent investment by the State of Minnesota to purchase the area, exposing the LaSalle Lake State Recreation Area and adjacent land and water to disruption and damage from pipeline construction and the catastrophe of a spill --

FACILITATOR: Thank you.

MR. MARTIN MALECHA: -- are not

justified in this case. Thank you.

FACILITATOR: Thank you.

Kathy Hollander.

And next will be Jean Ross. Jean Ross

here? Thank you.

MS. KATHY HOLLANDER: Good evening.

My name is Kathy Hollander. Spelled K-A-T-H-Y,

H-O-L-L-A-N-D-E-R.

My speaker next door to us, next-door table, mentioned that MPR had a very interesting show last weekend. I listened to it twice. The first speaker was a Dr. Amory Lovins of the Rocky Mountain Institute. He mentioned two photographs of the New York Easter Parade. In one, taken in 1900, you could barely see an automobile, so numerous were the horses in the parade. The second was taken in 1913, when barely even one horse was visible, so numerous were the automobiles.

In just 13 years society had changed rapidly, even though gas stations and repair shops had to be built all over the country, and the economics of the transportation by horse industry were affected.

We're on the cusp of another change now, from inefficient gasoline engines fueled by fossil fuels to efficient electric ones. Yet the DEIS does not consider the upcoming shift to electric vehicles as an alternative that would further drive down the worldwide demand of

transportation fuels.

The original first cars were electric, and there were -- it was a very popular electric car produced by GM and subsequently killed by GM in the late 1990s called the EV1. Yet the alternative of just not transporting the oil is never considered in the EIS.

EIA reports that the prime supply of sales from crude oil dropped 19 percent in Minnesota between 2004 to 2016. And there was also a drop in regional and U.S. a worldwide demand. But the Draft EIS refuses to consider the need for a foreign company to rip apart acres of our state by the largest infrastructure project in energy we have ever seen, to satisfy the needs of its customers, the refineries.

There is a worldwide glut of oil and refined products sitting in storage. This is why oil prices are so low. We are pulling more oil out of the ground than we are using worldwide. And China was filling its strategic oil reserve in 2015, which further artificially inflated demand.

This Draft EIS just assumes all this oil is going to go somewhere. Where is it going to go or the resultants refined petroleum products? We

are even exploring into storage overseas.

India just announced a goal of all electric cars by 2030. In Norway one-third of the cars are electric. Last year China sold more electric cars than were sold in the whole world in the last two years.

FACILITATOR: Thank you.

Jean Ross.

J-E-A-N.

Jean Ross. And after that is Lois Norrgard. Is Lois here? Lois is next.

MS. JEAN ROSS:

R-O-S-S. The DEIS has glossed over the environmental impacts of Enbridge's preferred route for Line 3, quote, unquote, replacement. And the DOC hasn't addressed the fact that the DNR and the Pollution Control Agency came out last year advocating for a southern route to the Illinois refineries on farmland rather than through Minnesota's water-intensive lake country.

The memorandum of understanding between the DOC, the DNR, and the PCA has muzzled cooperative agencies' peer review and comment. The public has no way of knowing what the DNR and the PCA experts think about the DEIS's assumptions, analyses, and conclusions, or even if they've had very much input at all.

The fact that the DOC's consultant relied heavily on Stantec and Barr Engineering testimony and results would lead us to believe the study is slanted. The recent docket submitted and discussions with the administrative law judge regarding the DEIS modeling suggests that little, if any, cooperating staff from the DE -- DNR or PCA review of the DEIS modeling was done.

For these reasons, we, the public, need to have direct access to all communications between the MOU partners and any other agencies' discussions, such as with the Department of Health and Ag. As a guardian of the comments, I implore the DOC to do a thorough and transparent EIS and not gloss over those facts so that Enbridge can build their pipeline.

With current projections this pipeline project will be obsolete by 2025. I ask the DOC to factor in that we are quickly transitioning away from fossil fuel economy, because we have to. The fossil fuel industry has been a bad corporate citizen and destructive to the liveability of our planet for future generations and most living things.

I beg the DOC, as the RGU on the

1	biggest and possibly last fossil fuel project in our
2	state yet to be built, to honestly consider the
3	alternative route through farmland that will be
4	easily accessed when spills occur. And as a
5	guardian of comments, I challenge the DOC to put up
6	a no-build option and be part of the future and not
7	the past.
8	As decision makers you have the
9	opportunity to be on the right side of history.
10	Don't make Minnesota make a bad decision here and
11	FACILITATOR: Thank you.
12	MS. JEAN ROSS: we'll have to pay
13	for getting rid of this pipeline
14	FACILITATOR: Thank you.
15	MS. JEAN ROSS: when Enbridge
16	abandons it, because they have no money to clean up
17	their mess.
18	FACILITATOR: Thank you.
19	Lois Noorgard is next, and then Kelly
20	Jewitt. Kelly, are you in the room? Kelly? If not
21	Kelly, I've got Laura DeShane. Laura? Okay.
22	MS. LOIS NORRGARD: Hi. Lois
23	Norrgard. L-O-I-S. N-O-R-R-R-G-A-R-D. And, again,
24	thank you for the time to comment this evening.
25	I have many concerns over the Draft

Environmental Impact Statement, but I'm just going to concentrate on one thing right now and submit a lot more through writing by July 10th.

Abandonment is one of my major concerns. But, very importantly, why does the company request a 750-foot-wide buffer? I'm really concerned about that buffer, what land clearing, what impact of chemical treatment, tree removal, and other environmental disturbance would occur with that corridor? If this width is for additional pipeline corridor or just an additional future pipeline, this must be analyzed in this DEIS. That would be a connected action identified and reviewed and studied now.

One missing alternative that merits analysis and review in this DEIS would be a Line 3 continued use for an extended period of time, with a planned sunset and then a transition to alternatives. We need an alternative that takes a very hard look at perhaps three more years or some assessed future continued use, then decommissioned with a sunset date. Not abandonment. That's not an option, for all the reasons laid out in the summary document.

The summary shows that continued use

of this pipeline is possible at this time. I advocate only allowing this, with a comprehensive and robust analysis and a plan put in place that ratchets down our use of the toxic tar sands that travel through it, a plan to transition to clean energy, (mic cutting out), and alternative transportation choices.

This review has been started in the Climate Pollutions and Economic Subsidies Report (mic cutting out) from 2016. While this framework would require heightened integrity work and progressive decreases in operating (mic cutting out), continuing this operation is possible in Line 3. Abandonment is not an answer.

In addition, Line 3 is over 60 years old and has integrity problems. We know it is a problem. The pipeline is breaking down. We cannot leave it to taxpayers to clean up the mess.

Enbridge has had the benefit of operating and profiting on this line for many years. They should take the responsibilities, fulfill a commitment to the state, and properly (mic cutting out).

FACILITATOR: All right. What we're going to propose -- is the mic working now? Like 30 more seconds. So it's going to keep us to -- ah.

40 more seconds to you. Thank you.

MS. LOIS NORRGARD: I don't remember where I left off anyway. So the benefits of proper decommissioning far outweigh any risks from the actual process to do so. In Minnesota, for the protection of our amazing natural environment and water resources, we must require a proper decommissioning process that reflects the process done in Canada.

And a lot of people talked about that this evening, so I will have comments on that. But the project is the wrong direction for Minnesota. I urge us to look to the future and our need to stop using fossil fuels, if we want to have a healthy planet for us as well as our fellow creatures.

I urge the State to take a hard look at a greater range of realistic and doable alternatives, alternatives that do not lock us into a future of more high-capacity, extremely-risky, way-too-expensive fossil fuel infrastructure that may well be or should be obsolete in ten years. We need to ramp down our use of fossil toxic tar sands and move to alternatives.

FACILITATOR: Thank you so much. And

thank you for your patience as we got the mics working.

Laura DeShane is next. And after Laura is Darril Wegscheid. Darril is next after Laura.

MS. LAURA DESHANE: Hello. My name is Laura, L-A-U-R-A, DeShane, D-E-S-H-A-N-E.

I am a Minnesota resident, and I want to speak today in opposition of this pipeline. I've been to a number of hearings and meetings over the past few months, both on the issue of pipe lines and more general environmental issues.

As an overarching note, I've been appalled by the considerations given to the environment. The air we breathe and water we drink have an understandably difficult -- are understandably difficult to assess on a monetary level, yet industry is so quick to risk our most fundamental resources for the benefit of their own profit.

We've heard repeatedly that the existing Line 3 pipeline is too dangerous to continue using, and I absolutely trust that assessment. The existing Line 3 clearly needs to be shut down, cleaned up, and restored.

What troubles me is what happens 30 years from now. What will become of the proposed new line? If you're not taking out the existing Line 3 now, how can we have any assurance that this new proposed line will be cleaned up once it becomes obsolete? Do we all gather in a room and be told again that it just isn't possible to return to a life of reduced fossil fuel consumption?

So with that in mind, my question becomes, what do we need to make these pipelines unnecessary? What do I need to sacrifice? What can all of us do to make this choice possible? Is there any study that can tell us what would actually need to be done to make these pipelines obsolete?

I am very concerned about the information provided in the accidental crude oil release handout. First, it states clearly that pipelines have a much, much larger -- have much, much larger spills. But what I'm not seeing on that sheet is what a gallon of oil will do to a lake or on land once it is spilled. How many gallons need to spill into a waterway to poison that water for the wildlife and for the people who drink from it?

A few people speaking in support of the pipeline warned that other methods of

transportation would bring this oil close to city centers, as though it should convince me to support the pipeline because it would keep the oil away from me. To that I question why should the population size be so important? If it is dangerous to us here in the cities, surely it is dangerous to those small communities as well. I cannot value my safety over theirs.

If it is not -- it is not just or prudent to keep building these pipelines. It is a mistake to go forward with Line 3. We must shut down the old pipeline and finally work toward alternatives to fossil fuels at every opportunity so that we no longer need new pipelines.

Thank you.

FACILITATOR: Thank you. Again, I'm just going to remind folks we have very few minutes left. So, again, the court reporters are out there. So if you're not getting your comment in and want to talk with them, there's a little bit of time to do that.

We have Darril, then Adam Hutchins.

Adam, are you in the room? All right. Troy

Trulian? Troy? All right. And then what about

Steve Luchuck? Steve?

1 UNIDENTIFIED SPEAKER: He left.

FACILITATOR: Okay. Darril can go.

We'll check for other names after you go, Darril.

MR. DARRIL WEGSCHEID: Thank you.

Thanks all of you. Name is Darril, D-A-R-R-I-L.

Last is Wegscheid, W-E-G-S-C-H-E-I-D.

Background: Former state senator from the mid '80s. Relevant background: I have a bachelor's in mathematics and a master's in computer economic and operational modeling, which I'm going to go to primarily.

I have a home on Lake Roosevelt, which is right on the border of Cass and Crow Wing County, and our lake is about 300 feet from the right-of-way of the preferred route, coming between us and the DNR lake fish hatch-- or trout fish hatchery, which it more than likely would destroy because it's a natural spring hatchery and it would more than likely bust the bowl that makes that a natural spring hatchery. And that has got to be worked around.

Overall, compliment the PUC and the staff that put this together. I would hope that in the final EIS, for the sake of transparency, with footnote credibility of where the different

information is coming from. I find it very difficult to just look at this and say is that something I agree with or not. If the DNR and PCA have reviewed it, I'm going to feel a lot more comfortable. I look forward to their comments as well.

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So, anyway, as a modeler for 31 years, practicing good building computer and operational models, I will remind everybody the Titanic was not a single-event disaster. There were a whole series of things that went wrong. As a modeler, you don't model averages; you model ranges of things or what's called stochastic variables, and you look at the possibility of a combined combination. For example, on the Titanic -- many ships hit icebergs. This one became a disaster because about seven factors went wrong at the same time. Didn't have enough life rafts, separate factor. The captain tried to avoid the iceberg and took it on the side rather than head on, an operational disaster. you string those together, that's the concern of the modeling system that is complex.

And I would dare say that modeling is in need of some repair. For example, when you look at spills and the comparison, a truck only carries

about 11,000 gallons of petroleum, 11,700 to be specific. The worst disaster you can have from a truck, therefore, is 11,700 gallons. And, in fact, the average look at the chart, it's about 10 gallons. So those high frequencies are usually setting up and setting transfers of fuel.

petroleum would potentially release something in the range of -- excuse me, read my numbers -- about -- if the whole train went down -- again, probabilities is what you're modeling -- the worst case would be 3.5 million gallons. That's substantial. This pipeline, if it were to rupture, would produce 1.7 billion gallons per hour. Okay? That is 30,000 gallons a minute. If you don't have instantaneous recovery, you're going to have a problem in terms of being --

FACILITATOR: Thank you.

MR. DARRIL WEGSCHEID: One last

comment.

FACILITATOR: Appreciate it. Thank

22 you.

MR. DARRIL WEIGSCHEID: The cost is

24 one --

25 FACILITATOR: Thank you.

1	MR. DARRIL WEIGSCHEID: mill per
2	gallon of petroleum transfer. For one mill
3	FACILITATOR: Thank you. Thank you.
4	All right. Kelly Jewitt? Adam
5	Hutchins? Troy Trulian? Steve Lochuck? Is Steve
6	here?
7	UNIDENTIFIED SPEAKER: He left.
8	FACILITATOR: Okay. Thanks. Bob
9	Chunberger.
10	UNIDENTIFIED SPEAKER: He left.
11	FACILITATOR: Dr. Tiffany Beckman?
12	Ron Ledko?
13	UNIDENTIFIED SPEAKER: He left.
14	FACILITATOR: John Munter? John,
15	you're up. And Debra Matson, if she's here, will be
16	next.
17	MR. JOHN MUNTER: Anybody wants a
18	copy, they can get one afterwards. Name is John
19	Munter. J-O-H-N. M-U-N-T-E-R. Retired from Warba.
20	The Department of Commerce has been
21	given an impossible task. The DEIS cannot be fixed.
22	The only option is no build.
23	For number one, the complete economic
24	analysis has not been provided to these meetings, as
25	required by MEPA.

Secondly, no good peer-reviewed groundwater or spill analysis has been done not paid for by Enbridge.

Three, the routes all go through ceded territory where tribes have reserved rights to hunt, fish, and gather in perpetuity, not until an oil pipeline destroys wild rice or until Applicant causes in part. Global warming destroys rice beds.

Number four, both the DNR and PCA last year advocated a farmland route over the lake country route. I don't know how people can get around that.

Number five, relying on the EIA forecast, which has been historically prejudicial against renewables, of rising oil demand by 2040 is faulty. Since other analysts from Deutsche Bank, Carbon Tracker, Bloomberg's New Energy Finance, and Simon Henry, Shell's chief financial officer, all predict world oil demand peaking in the 2020s, since China, India, and Europe are rushing to electric vehicles.

Next, the alternatives section under the no-build option did not consider Saudi oil, which is 21 percent less carbon intensive, according to the Line 67 EIS. And then there's the oil boom

in the Permian of Texas, which is keeping the coffers full in New Mexico; and the possible Trump potential to do offshore oil exploration. This is why all the majors are fleeing Alberta and signing off their holdings to the local Canadian companies. And so all future oil coming down there is probably going to be sold for a loss, again, to defray bad debt.

Number seven, genocide issues were not considered in the connected actions of First Nations downstream of the tar sands and environmental justice issues around Detroit, Michigan and Port Arthur, Texas refineries, as well as the lack of the lease for the Bad River Band in Wisconsin on Line 5, as well as placing a higher priority on Minnesota.

The DEIS did not consider the potential to stop or delay other pipeline projects, like the Sandpiper was stopped, the KXL was delayed, as well as others delayed in Canada.

It does not consider the Minnesota statutory greenhouse gas emissions goals or value of holding Minnesota to a higher standard than surrounding states and Canada.

I'll quit there. Thanks.

FACILITATOR: Thank you, John.

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1	We have time for just two more.
2	Debra Matson. Are you here, Debra?
3	UNIDENTIFIED SPEAKER: She left.
4	FACILITATOR: Thank you.
5	Joe Nanihoss? Joe Nanihoss?
6	UNIDENTIFIED SPEAKER: He left.
7	FACILITATOR: Jay Dawn?
8	All right. We're going to keep going.
9	Robert Potter?
10	UNIDENTIFIED SPEAKER: Left.
11	FACILITATOR: He left. Thank you.
12	Alicia Borback? Borack? Emily Knorr?
13	Ron Wetfoe?
14	All right. We're going to keep going.
15	Let's see. Carolyn Ann?
16	UNIDENTIFIED SPEAKER: She left.
17	FACILITATOR: Abatha Anvaya Ajay?
18	Lynn oh, we have one.
19	MR. ANVAYA AJAY: My name is Anvaya
20	Ajay, I'm 13 years old, and I am part of the
21	generation that will build that will receive the
22	full effects of this pipeline. We are the
23	generation that will receive the polluted water,
24	while Enbridge receives their profits.
25	We are the generation that could

receive clean water and job opportunities, if we invest in renewable energy.

We are the generation that is already suffering. My cousins in Tamai -- the city of Tamai was flooded last year, and I didn't know if they were safe. It was terrible, but it could be prevented. This kind of thing could be prevented, if we can step up and not invest in fossil fuels and stay away from climate change.

The DEIS does not take into account the full economic -- the full social cost of carbon emissions. It does not account for climate change properly. It does not account for how climate change will continue to affect the world on a -- for a long, long time.

Thank you.

FACILITATOR: Thank you. And, Anvaya, if you could just spell your name for the record.

If you could just spell your name for the record, sir, that would be greatly appreciated.

MR. ANVAYA AJAY: A-N-V-A-Y-A, space, A-J-A-Y.

FACILITATOR: Thank you.

Lynn Weeka? Lynn? Claudia A?
Onancya Aushe (phonetic). Whoop, we got -- okay.

Great. And this will be our last speaker, because we're just past 9:30.

MS. CLAUDIA ALTHOEN: Hello, my name is Claudia Althoen. C-L-A-U-D-I-A. A-L-T-H-O-E-N. I have lived in Minnesota my entire life, and I'm a student here. And I'm part of the generation that will have to deal with the consequences of climate change, as well as this pipeline if it is built.

And as a young person, making my way in the world and pursuing a path to create positive change, it's greatly concerning that there are people here trying to keep us, pull us, and bind us back into the past.

It's time for Minnesota to take a stand and divert completely from fossil fuels. And there is no reset button. Minnesota is not the sandbox level of a video game, in which you can do whatever you want without consequences and just erase what you've done.

This is the real world. There are consequences. And we don't want to deal with the consequences of short-term thinking, such as this pipeline.

And someone said earlier that the current pipeline is old and out of date. Well, so

is using fossil fuels. We know that, as was also mentioned, that the current pipeline is not a long-term solution. Of course, it's not. Renewable energy is the long-term solution.

And I ask that a new pipeline not be built and the current pipeline be removed. It's time to embrace the future, a green future, a future powered by renewable energy.

DEPUTY COMMISSIONER BILL GRANT: With that, thank you very much, everyone, for coming. A reminder that if you would like to make written comments on the Draft EIS, those comments will be due by July 10th at the close of business.

There are still public meetings throughout the project area to attend through next week. Please see our website for those dates and times.

Thanks very much for coming.

(Off the record.)

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