\* A few more comments I would have morely

# MINNESOTA

## Comment Form Line 3 Project Draft EIS Public Meeting

Please provide your contact information. This information and your comments will be publicly available.
Name: Rose Rosore (also current Prevident, This Calles, Sseveration)
Orosanne 39754 Thin lake Road (SEBSONAL)
Street Address: 39754 Thin Cakes Road (SEHSONAL)
City: Menalga State: MN Zip Code: 56464
Phone or Email: (402) 475 -6109
(Resident of SC)
Please share your comments on the Line 3 Project Draft EIS. What could be improved in the EIS? What is missing?
Please provide information on a barrel = approximately 0241-1
for Readers.
* (Page ES-11) "Since 1990" Live 3 has experienced 15 failures
that Released more than 50 bappels of oil during
each incident " with " 7 in minnessta" (incidents)
What are the specific amounts per spill? (+List).
* How many pail oil spills have same could in MAN
* How many Rail oil spills have orcupted in MN Since 1990?" (FyI)
(*) Page ES-14 "The Applicant's Proposed Project"
months would have construction impacts & introduce non pick of spills in northern me where the
men pick of spills in northern MN where the
watersheds are in general very healthy + hater
quality is very good.
7 50, why with 2008 Legan Grendment.
The state of the s
would this ponte be considered???
Minnes Sto Jossed Hallmark Legislation For Responsible
future generations !! The people rockes for
Juliatic Mining As's Man of the profiles
If including additional pages please number them and tell us how many you are providing: pages

#### Levi, Andrew (COMM)

From: Ellis Rausch <ellis.rausch@gmail.com>

Sent:Sunday, July 02, 2017 2:09 PMTo:MN\_COMM\_Pipeline CommentsSubject:CN-14-916 and PPL-15-137

#### CN-14-916 and PPL-15-137

Enbridge wants to abandon their crumbling Line 3 pipeline in our lands and build a new one in a new corridor through our lake, wild rice beds, and treaty territories. The Draft Environmental impact statement (DEIS) for the new Line 3 pipeline found every single option for the project would have long term detrimental effects on tribal communities. Most of the issues specific to tribal communities are regulated to a separate chapter that attempts to provide "an American Indian Perspective." siloed and excluded from the mane chapters that assess potential impacts. The 5000+ page document attempts to justify why the oil industry's need to profit is greater than the need of the Anishinaabeg people to survive.

These are just 8 ways Line 3 DEIS has failed to serve tribal and all communities of Minnesota:

#### 1. No free, prior, and informed consent of tribal nations:

The route alternatives compared in the DEIS include two routes, RA-07 and RA-08. Both would cross the Leech Lake and Fond du Lac Reservations. Despite the fact that Tribes clearly will not consent to a new pipeline. Enbridge's preferred route would skirt reservations boundaries while still crossing the watersheds and lands of 1855 Treaty Territory.

#### 2. Disregard for health of tribal communities.

Chapter 9 of the DEIS acknowledges the impacts on tribal communities "are part of a larger pattern of structural racism" that tribal people face in Minnesota. The DEIS also states that "the impacts associated with the proposed project(new Line 3) and its alternatives would be an additional health stressor on tribal communities that already face overwhelming health disparities and inequities" but claims this is an insufficient reason to stop the project.

#### 3. No consultation or plan for protecting sacred sites.

Enbridge admits 63 sacred sites are slated for destruction. Pipeline corporations cannot be trusted to understand and implement protections for our numerous sacred sites.

#### 4. No protection for Wild Rice lakes and surrounding environment.

The DEIS acknowledges "that traditional resources are essential to the maintenance and realization of tribal life ways, and their destruction or damage could have profound cultural consequences." It also shows that Enbridge's preferred route would "impact more 1855 Treaty Territory wild rice lakes and areas rich in biodiversity than any of the other proposed alternative routes." These sensitive environments would be the worst place for a tar sands oil spill.

#### 5. Line 3 is guaranteed to spill.

The DEIS estimates the annual probability of different kinds of spills on the proposed route: The analysis predicts that in a 50 year time span there will be 14 "pinhole" leaks , 54 small spills, 4 medium spills, 3 large spills, and 1 catastrophic spill!

The DEIS also contains no analysis of tributaries of the St. Louis River, where a spill could decimate Lake Superior.

#### 1005-1

#### 6. No plan to stop sex trafficking in pipeline man-camps.

The doc assumes "all workers would relocate the area" and **zero construction jobs would go to Minnesotans**. We are too familiar how the addition of temporary workers, cash-rich workforce increases the likelihood that sex trafficking or sexual abuse will occur. But the DEIS dismisses this saying, "Enbridge can prepare and implement an education plan or awareness campaign around this issue"(11.4.1) That is in no way an assurance that women and children will be safer once construction starts.

#### 7. Inadequate assessment of abandonment

Enbridge's current plan is to cap off the crumbling old Line 3 pipe in sections and leave it in the ground for landowners to take care of, setting a dangerous precedent for future pipelines in Minnesota including the new Line 3. The risks of abandoning pipelines are not adequately accessed in the DEIS. These rusting pipes are conduits and could one day leak into water sheds and dump toxic waters into surrounding agriculture.

#### 8. The "No Build" option is not genuinely considered.

1065-2

When will "shut the line down because it's falling apart and poisoning our communities" option be considered!

These are my comments to be considered for the CN-14-916 and PPL-15-137 Ellis Rausch
1722 Mississippi River Blvd
Saint Paul, MN 55116

Please provide your contact information. This information and your comments will be publicly available.
Name: Pat Renner
Street Address: 4236 Wooddale ane S.
City: State: MN Zip Code: 55416
Phone or Email: <u>Prenner or renner @ gmail . Com</u>
Please share your comments on the Line 3 Project Draft EIS. What could be improved in the EIS? What is missing?
Footers not considered in Graft EIS,
- TEn women impact beyond so year should be
-> No soul estimate in trains River ( 10743-1
7 Escapter 1 - Structual vacion - ungues of 0743-2
adulto stresson on indigent george of MV.
and the realist ancher a heater
-> Herlicides used around dyseline Tool
-> 2ide mere because of mere set though
-> 2ige pressure because of more set through
-> Line 3 - Spile threaten Wild Rice Crops - Sacred Food
-7 Idal empacts of Climato Cangl - quehouse
Las Sand all lurns duties - more Com
atmosphere which causin of damage in our
ecological system
-> My agenion strongly support using
und - solder - gettermatil from under
with the plice of oil going down I the cost
of installing sold, which himewalles going
-> Walnut stan ding Dan Lands are the most
expensive type of oil to produce + the
most toxic of Little transition to a new
cleaner remedel energy future
If including additional pages please number them and tell us how many you are providing: pages
@ welect ensuromental justice, and protect and state
WALL NAMED GROVE THE TOTAL A PROPERTY OF THE P

		33
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		
11		
12		
13		
14		
15		
16		
17		
18	MR. ALLEN RICHARDSON: My name	
19	is Allen Richardson, A-L-L-E-N,	
20	R-I-C-H-A-R-D-S-O-N.	
21	Let's see, there's some polling	
22	data recently released about if people asked	
23	about what do they think about an oil pipeline	
24	going through rural oil territory, and they	
25	rephrased the question, "What do you think	

about a tar sands pipeline going through oil territory?" People had a much more negative visceral reaction to tar sands mining, and rightly so.

I think there should be a big graphic of a tar sands mine up there. It looks like Dante's Inferno to me. It looks like hell on earth. Tar sands mining is an abomination. It's not a casual thing. We need to be responsible and say, "That's not good enough."

We're not going to endorse

people on the other end being a sacrifice zone

just so we can have our lights and boaters,

because it's wrong. Are we going to kick that

can down the road?

So that's my personal opinion that tar sands mining is abominable, and therefore, we should not embrace it.

I was talking with some of my labor union brothers and sisters over the last couple of meetings, and I will say that as someone who's worked with organized labor -- but I'm a clean water guy. I really don't like being in opposition to pipeline workers,

you know, union members. It's one of my least favorite things, but sometimes it's just what you have to do.

And you know, they used to use the term solidarity a lot more often. I don't know if it's still in vogue in organized labor circles.

But you know, I think we should all think about the idea of solidarity. I want to express solidarity with the people on the other end of this pipeline, and I would encourage pipeline workers, regardless of your background, to give that some thought and to express solidarity with those people for real. What are they going through?

Let's see, regarding jobs, though, right, we know that there's a fair amount about this project that we, that there is disagreement about.

But there is one area where there should be wide agreement, and I think we should focus on what common ground we can find, and I'm referring to the jobs that would be created by removing abandoned pipeline.

I would like to see the

0897-1

Environmental Impact Statement include more detailed information about how many jobs would be created if we went that way.

I would say that I want to encourage the workers to be a little less timid on this question, which is to say they'll tell you that they want the jobs, but it's -- really, it's not at all clear that the workers would do anything. If Enbridge gets their way, they're going to leave that pipeline in the ground.

I guess my question is, would the workers who would be doing that work of removal, would you just take that line down? You're just going to shrug your shoulders and look at your shoes?

You know, because there's a whole mountain of jobs to be had. And we know that we're setting a precedent here on the question of pipeline abandonment, so we can also establish a precedent for digging those pipelines up where it's safe.

We want to be a science-based people. We don't have a science-based administration in Washington, D.C. right now,

which is a shame, but perhaps we can fix that by -- at least at the local level and state level we can take pride in not being afraid of the science.

To that end, the Draft
Environmental Impact Statement makes some
pretty sweeping statements about how close the
pipelines are to each other in the context of
whether or not it's safe to take -- you know,
to remove them. You know, would it be
possible to remove an abandoned pipeline
relative to its proximity to hot lines.

Well, John Munter over there took it upon himself to measure some of the distances between the pipelines in the Grand Rapids area, and there's quite a bit more space there than we've been led to believe from the Draft Environmental Impact Statement, which is to say that there is certainly ample room to remove large sections of pipeline.

So maybe the complete -- the final Environmental Impact Statement could have more detail. You know, let's measure the whole thing. Let's get some soil samples going in there, right.

You know, again, back to the workers, some people will tell you Enbridge is a great neighbor. Well, I've spoken to a lot of landowners out there, working with this organization, Minnesotans for Pipeline

Cleanup, and most of the folks that I have spoken to do not want to be left with a section of abandoned pipeline on their private property.

You know, sometimes it's a mixed bag. Sometimes there's one section where they definitely want it up, and there's another section where maybe it would be better to leave it there because of what the process of removing it would do to an already delicate ecosystem.

But the point there is to embrace, for everyone to embrace this idea of landowner choice.

You know, there's so much common sense embedded in this idea, that I'm confident that we can find a whole lot of common ground on this question.

So that's basically it. I just want to reaffirm that, you know, pipeline

workers, people who stand to benefit from those jobs, you're going to have to publicly assert your solidarity with the landowners who are saying we want landowner choice. Don't let Enbridge just walk away from this and say it's all good.

So we need those workers to support the landowners, and then society at large, I think we need to take a good long look at tar sands mining and extreme extraction and realize it's time to take things in another direction.

Thank you very much for your

time.

26 1 2 3 4 5 6 7 8 9 MR. ALLEN RICHARDSON: It's Allen Richardson. A-L-L-E-N. R-I-C-H-A-R-D-S-O-N. 10 11 Afternoon, folks. I'm with the organization called Minnesotans for Pipeline Cleanup. I just want to 12 13 again speak to the abandonment issue. We're taking exception to the DEIS's 14 sort of blithe assertions that most of the pipelines 15 in the mainline corridor are, in general, 10 or 16 15 feet apart. We took it upon ourselves --17 18 Mr. John Munter over there took it upon himself to 19 walk some of these lines to measure the distances between them. And we'd love it if the PUC and 20 21 Friends, DOC, or whoever, would confirm that we're correct, basically that there is ample room to 22 23 remove abandoned pipeline. 24 So basically we're here to advocate 25 for landowner choice. And I think this really

speaks to what I'm going to call Minnesotan common sense. There is a lot of common ground to be had on this question of abandonment. And so we should look at it strongly. I think we should embrace it.

I've said this a few times over these meetings, and I'll say it again to my brothers and sisters in the labor movement, that if -- if you want to benefit from the jobs that would come from digging up abandoned pipeline, it's my opinion that you're going to have to publicly assert your solidarity with landowners who have made it clear that they don't want to be stuck with abandoned pipeline on their land.

And I'll take it a step further; that, you know, regardless of what happens with the proposed new route, that this project should not move forward in any way, shape or form until this question of abandonment is conclusively settled.

Would love it for the final
Environmental Impact Statement to have some really
solid data about the distance between these
pipelines, about how many jobs would be created
pulling out those pipelines. We know that a
precedent is being established on this question.

We know that Enbridge has every

0899-1

intention of abandoning this line. They do not want to dig it up. So they're, you know -- may have to apply some pressure to them and the PUC on this point.

They are likely to abandon the rest of those pipelines in the mainline corridor eventually. So to take the long view, if we can, you know, continue to look for common ground on this question. There are long-term economic benefits to be had to the pipeline workers, who are definitely the ones who are qualified to do that work.

So thank you for your time.





Please provide your contact information. This information and your comments will be publicly available.
Name: Dean Rietmann
Street Address: 1401 Knoll Drive.
City: Shoreview State: MN Zip Code: 55126
Phone or Email: d.d. rietmann c gmail. com
Please share your comments on the Line 3 Project Draft EIS. What could be improved in the EIS? What is missing? <sub>10748-1</sub>
The EIS should have /calculate monetary
values for the contaminated and, water, air,
and the human health effects of the inevitable
Spills, leaks, abandoned lines, disposal of
equipment after useful life cycle, as well
is an Els correct? How can the
impact he determined it we do not
calculate or even understand the true
costs of the project?
approval cost
The review/process valore should also
be considered, and documented, and paid
for by the applicant.
What about the opportunity cost of
attention not devoting. He resources above
to Line 3, Instead of a
project such as wind on solar?
project such as wind on solar,

If including additional pages please number them and tell us how many you are providing:\_\_\_\_\_ pages

#### Levi, Andrew (COMM)

From: Wachtler, John (COMM)

**Sent:** Monday, June 26, 2017 9:26 AM **To:** MN\_COMM\_Pipeline Comments

**Subject:** FW: Sandpiper and Line 3 Stress design.xlsx

**Attachments:** Sandpiper and Line 3 Stress design.xlsx; Steve Roe.vcf

From: Steve Roe [mailto:roetreat@crosslake.net]

Sent: Monday, June 26, 2017 9:23 AM

To: Wachtler, John (COMM) < john.wachtler@state.mn.us>

Subject: Sandpiper and Line 3 Stress design.xlsx

John,

Thank you for your patience. Attached is my calculation of the pipeline stresses as accepted by those who teach and the professional societies such as ASME and ASCE. This follows what I previously sent to you.

1069-1

Thanks, Steve Roe

#### Steve Roe

S & B Investments

(218) 232-3554 Mobile (218) 692-3331 Home roetreat@crosslake.net

11663 Whitefish Ave. Crosslake, MN 56442

#### CFR 192.105 Design Formula Hoop Stress Only

Pipe Wall Thickness	0.515 Inch	t
Pipe Outside Diameter	36 Inches	D
Yield Strength	70000 psig	S
Design Factor	0.8	
Longitudinal Joint Factor	1	
Temperature Derating	1	
Operating Pressure	1480	

#### **Additional Considerations**

**Longitudinal Stress** 

Material Strength Deviation

Fluid Hammer

#### Design Factor is not a Safety Factor

Need for Safety Factor Handling Stresses Harmonics from Pump

**Economics Dictate Cheapest Design** 

#### Conventional Pipe Longitudinal Stress as taught

 Area
 1017.8784

 Force
 1506460.032

 Pipe Circum Area
 58.25

 Long Pipe Stress
 25864 psi

 Pipe Hoop Stress
 51755.6 psi

Total operating stress

3347592645

Total w/Circum and 57858 psi total

Steel Yield Stress 70000 Steel Design Stress 56000

Safety Factor 44800 This should be the design stress they operate to Water Hammer 127288 This is the maximum operating stress anticipated

The safe operating pressure

**521** psi

**Enbridge Operating Pressure** 

**1480** psi

## Enbridge Operating pressure must be reduced for this pipe design

#### **Allowances**

1069-1 Cont'd

Fluid hammer 2.2 Factor

Safety Factor 1.25 Design Factor 0.8

### Levi, Andrew (COMM)

Full Name: Steve Roe
Last Name: Roe
First Name: Steve

**Company:** S & B Investments

**Home Address:** 11663 Whitefish Ave.

Crosslake, MN 56442

**Home:** (218) 692-3331 **Mobile:** (218) 232-3554

**E-mail:** roetreat@crosslake.net

**E-mail Display As:** Steve Roe (roetreat@crosslake.net)

	41
1	
2	
3	
4	
5	
6	
7	
8	
9	
10	
11	
12	
13	
14	
15	
16	
17	MS. ANGELA RONAYNE: Hi, my name is
18	Angela Ronayne. A-N-G-E-L-A. R-O-N-A-Y-N-E. I'm a
19	shareholder with
20	FACILITATOR: Could you hold the mic a
21	little bit closer?
22	MS. ANGELA RONAYNE: I'm a shareholder
23	with Merjent, an environmental consulting firm based
24	in Minneapolis that works with both public and
25	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

2049-1

2049-1 Cont'd

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.

#### Levi, Andrew (COMM)

From: Maggie Rozycki <rozymaggie@gmail.com>

**Sent:** Friday, June 23, 2017 6:13 PM **To:** MN\_COMM\_Pipeline Comments

**Subject:** Line 3 comments, docket numbers CN-14-916 and PPL-15-137

To Jamie MacAlister, Environmental Review Manager,

Concerning line 3 pipeline, docket numbers CN-14-916 and PPL-15-137. These comments focus on the current DEIS and how it falls short of including all the negative impacts of Line 3.

# I am completely against building Line 3 Pipeline or transporting oil through existing pipelines. Shut down Canadian tar sands oil entirely!!!

It makes no sense to build it in terms of: the social costs of carbon, damage to water, wildlife, and all living beings, damage to already struggling Native Communities because of exploitation by the dominant culture, and there is no need for the pipeline because of the economics of dirty tar sands oil.

The social costs of carbon, the financial burden on society due to increased climate change impacts -- of building the pipeline were underestimated at \$287 Billion!! over 30 years. I cannot even imagine how much this is . This is an underestimate because many pipelines operate over 60 years. The more accurate cost is twice as much. Half of this is shocking.

0563-1

Damage to damage to water, wildlife, and all living beings through OIL Spills. The DEIS does not look at spills over the entire lifetime of the pipe. Over time, as pipelines become exposed, there is no analysis of increased spill potential. Deis claims that increased pressure as a result of higher flow rates in a pipeline has no effect on spill rates. This claim has no citation, and is highly disputable. The worst case scenario is secret so the public has no chance to review it. This is ridiculous, the public has every right to know how this will affect us.

Damage to Native Communities is not fully looked at because of the methodology of using census tracts which does not take into account the movement of water to multiple census tracts. Thus, again, underestimation the amount of space and numbers of people impacted. It also ignores that many people travel to utilize the potentially-impacted resources (such as wild rice), and negates the disproportionate use of certain resources by minority populations.

No need for pipeline because today's oil prices are too low to sustain growth in the tar sands region of Canada. Exxon Mobil has admitted they have \$3.4 billion dollars in tar sands oil fields that are not economically viable assets on their books in the current low price environment (below \$50/barrel)

sincerely.

Margaret Rozycki, Minneapolis

2 MR. SCOTT RUSSELL. Thank you. 3 Scott Russell, S-C-O-T-T, R-U-S-S-E-L-L.

The most important thing for me to comment on today is treaty rights. If you look in sections 9 and 11, there is language that says that, "The pipeline," quote, unquote, "crosses treaty lands, or," quote, unquote, "has impacts on treaty lands."

It is not explicit as to whether in the view of the Department of Commerce Line 3 proposal violates treaty rights, and you need to be explicit about that.

In section 11, page 7, the Draft EIS appears to leave wiggle room. It says, "All routes, including the Applicant's preferred route, would cross treaty lands that are off-reservation; these lands may be used for traditional tribal uses such as fishing, hunting and trapping, and/or agricultural activities."

And then it goes on to say that,

"These treaty rights and tribal resources are
important to the Indian tribes as both natural
and cultural resources."

So my commentary is if the EIS says treaty rights are, quote, unquote, important to Indian tribes and that kind of phrasing trivializes really what treaty rights are and gives an inadequate assessment for what is required.

Treaties are not just important to Indian tribes, they're important to me, they're important to the state of Minnesota, and they are the law of the land.

This makes it sound like treaty rights are optional, something that's important but not required by federal law. So either the state of Minnesota nor Enbridge can unilaterally break treaty rights by offering some form of mitigation if they deem appropriate.

So the EIS does not -- what the EIS really needs is a leak look-in and a clear answer on what your view is on how Line 3 impacts treaty rights.

If you're not clear on that,
you're, again, putting the burden on the
Anishinaabe people to go to court to defend
their rights, a cost they should not have to

bear.

If your conclusion is that Line 3 violates treaty rights, that should be the end of the story.

Second, I'd like to say that I would like to ask the EIS include direct quotes from Anishinaabe people, not just summaries of what has been gleaned from interviews. It's really important how this narrative style works. If there are no personal stories, no direct quotes, it really robs people of the power of their voice.

And I'll give one example, this is from section 11, page 11 of the EIS:

"American Indian communities and individuals have unique health issues associated with historical trauma and structural racism. Data from the Minnesota Department of Health indicate that American Indians in Minnesota have greater health disparities and poorer health outcomes compared to other racial and ethnic groups.

"The impacts associated with the proposed Line 3 and its alternatives would be an additional health stressor on tribal

Shaddix & Associates - Court Reporters (952)888-7687 - 1(800)952-0163 - reporters@janetshaddix.com

2100-1

2100-1 Cont'd

communities that already face overwhelming health disparities and inequalities."

So my common sense is words like historical trauma and health stressors are kind of bureaucratic terms that really don't get to the point of the pain that's been suffered. So please add the voice of the Anishinaabe people to your report.

Thank you very much.