

PUC TRANSMISSION LP

PUC TRANSMISSION CATEGORY 'B' CLASS
ENVIRONMENTAL ASSESSMENT

PUBLIC INFORMATION CENTRE #1
SUMMARY REPORT





PUC TRANSMISSION CATEGORY 'B' MINOR TRANSMISSION CLASS ENVIRONMENTAL ASSESSMENT

PUBLIC INFORMATION CENTRE #1 SUMMARY REPORT

PUC TRANSMISSION LP

PROJECT NO.: 221-01502-00
DATE: JULY 19, 2022

WSP

WSP.COM

REVISION HISTORY

VERSION	DATE	PREPARED BY	REVIEWED BY	APPROVED BY
Draft	June 30, 2022	Jad Murtada	Lina ElSetouhy Jeremiah Pariag	Tamara Skillen
Final	July 19, 2022	Jad Murtada	Lina ElSetouhy Jeremiah Pariag	Tamara Skillen

SIGNATURES

PREPARED BY



July 19, 2022

Jad Murtada
Environmental Planner

DATE

APPROVED BY



July 19, 2022

Tamara Skillen
Environmental Impact Assessment Lead

DATE



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1 INTRODUCTION

PUC Transmission LP (PUC) retained WSP Canada Inc. (WSP) to undertake the Class Environmental Assessment (EA) study to evaluate alternatives for a double circuit 230 kilovolt (kV) line and a 230/115/34.5 kV substation in the city of Sault St. Marie as part of an expansion of the electrical supply related to load expansion at Algoma Steel. The 230 kV line, which will be approximately 14 kilometres (km) long, will start from Third Line Transformer Station (TS), located in the city of Sault St. Marie, and will terminate in a new 230/115/34.5 kV substation, which will be located at-or-near the Algoma Steel plant.

This report documents the purpose, logistics and outcomes of Public Information Centre (PIC) #1, which was conducted in person on May 26, 2022 from 4:30PM to 7:30PM and virtually on May 31, 2022, from 6:00PM to 7:30PM EST.



2 PURPOSE OF THE PUBLIC INFORMATION CENTRE #1 (PIC #1)

The purpose of the first PIC was to:

- Outline the PUC Transmission Class EA study purpose, study area, and draft problems and opportunities statement;
- Outline the Class EA for Minor Transmission Facilities process and study timeline;
- Provide an overview of the Project site and its location within Sault Ste. Marie;
- Provide an overview of Environmental Studies;
- Provide to the public and to stakeholders the opportunity to share information; and,
- Collect feedback on the presented materials.

This PIC is the first of two PICs that will be held to engage the public over the course of the EA study.



3 PIC #1 LOGISTICS

3.1 PIC #1 LOCATION, DATE, AND TIME

The first PIC was held as noted below:

Format:	In Person	Virtual
Date:	Thursday, May 26, 2022	Tuesday, May 31, 2022
Location:	Northern Community Centre (556 Goulais Ave, Sault Ste. Marie, ON, P6C 5A7)	Virtually via Zoom Webinar
Time:	4:30PM to 7:30PM	6:00PM to 7:30PM

3.2 PIC #1 FORMAT

The in-person PIC was held as a drop-in style, open house format. Project Team members were available to discuss the Project one-on-one with the attendees. Attendees were asked to sign in at the register at the reception desk, and were provided with comment forms to provide written feedback.

Website visitors could provide comments or questions to the Project Team via the Project website or by phone or email until June 9, 2022. Questions received after this date were responded to, but not included in this Summary Report.

Materials for the PIC were posted online on the project website at <https://puctransmissionlp.com/>. For details about the PIC #1 display materials, please refer to **Section 3.6** of this report.

3.3 PIC #1 NOTIFICATION

WSP notified residents within the project Study Area (see **Figure 3-1**) of PIC #1 by way of mailed letters on May 12, 2022. The Notice of PIC #1 was sent via e-mail to contacts on the Project’s Master Stakeholder Contact List on May 19, 2022. PUC Transmission LP also posted the Notice of PIC #1 on the EA Study webpage on May 13, 2022. Additionally, the Notice was published in the *SooToday*, *Sault Online*, and *Sault Star* newspapers on May 12, 2022 and May 19, 2022. The Notice of PIC #1 is included in **Appendix A**.

On May 19, 2022, WSP provided a copy of the Notice to stakeholders included in the Master Stakeholder Contact list via email, including:

- Government agencies;
- Elected officials;
- Municipal staff; and
- Community organizations.

A copy of the Master Stakeholder Contact list and email notifications for the above noted stakeholders is included in **Appendix B**.

On May 25 2022, Indigenous communities and organizations were notified of PIC #1 via email. The copies of the emails sent to Indigenous communities and organizations are included in **Appendix C**.

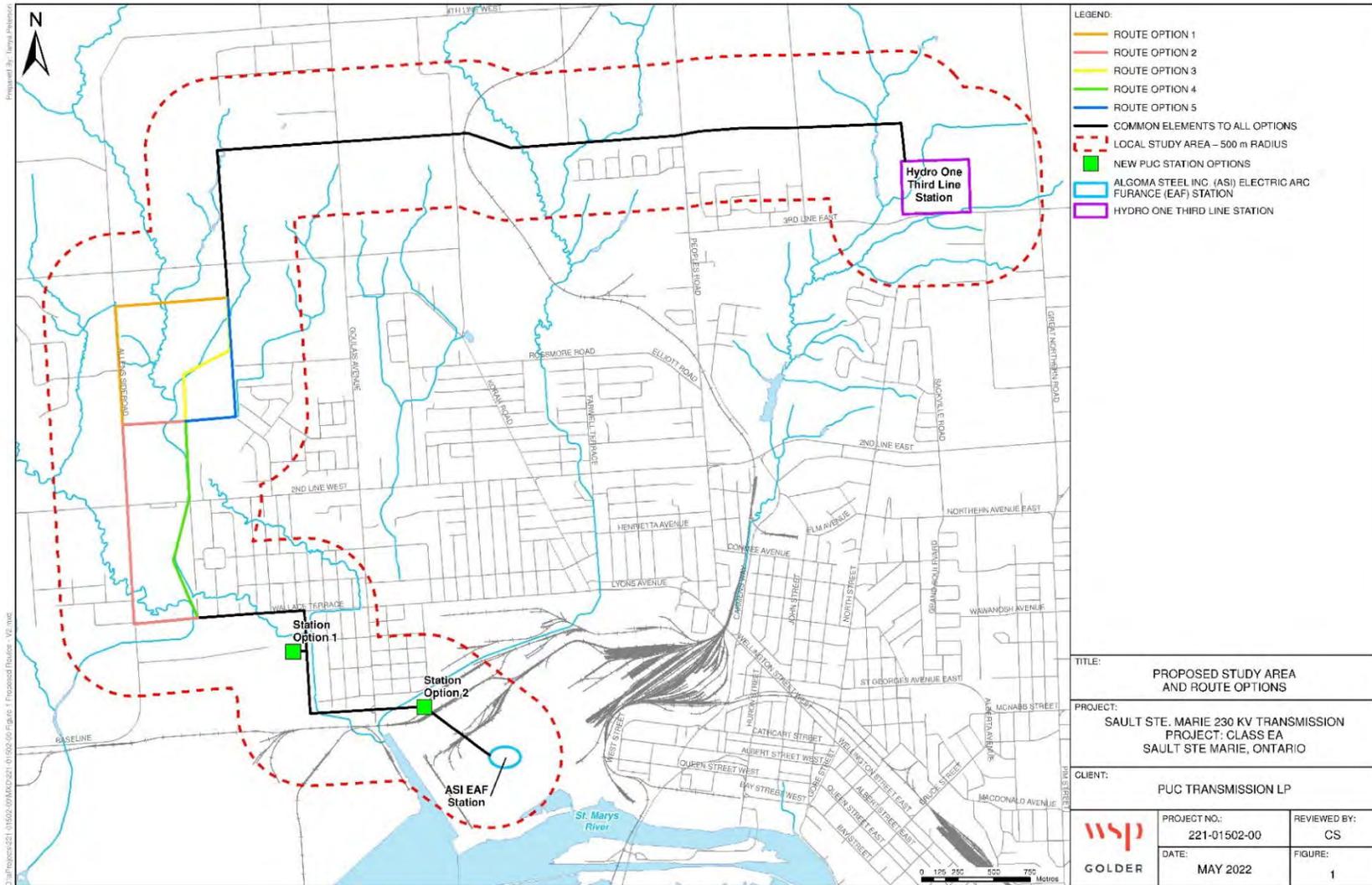


Figure 3-1 Project Study Area and Alternative Route and Station Options



3.4 STAFF ATTENDANCE

The following PUC and WSP staff members attended the PIC.

Table 3-1 PUC and WSP Staff in Attendance at PIC #1

PROJECT TEAM MEMBER	ORGANIZATION	IN PERSON	VIRTUAL
Kevin Bell	PUC Transmission LP	X	X
Dominic Parrella	PUC Transmission LP	X	X
Jairus Patterson	PUC Transmission LP	X	X
Katie Elliot	PUC Transmission LP	X	X
Lina ElSetouhy	WSP Canada Inc.	X	X
Jeremiah Pariag	WSP Canada Inc.	X	X
David Spacek	WSP Canada Inc.	X	
Tamara Skillen	WSP Canada Inc.		X
Jad Murtada	WSP Canada Inc.		X



3.5 PIC #1 DISPLAY MATERIALS

The information for the Class EA study was presented to the public on display boards at the in-person PIC and through an online presentation at the virtual PIC.

The following exhibits were presented at the PIC:

IN-PERSON	VIRTUAL
<ul style="list-style-type: none"> — Welcome Sign (in-person sign-in) — Project Overview — Project Description (How the project will support the region) — Class EA Process (text and graphic) — Study Purpose — Route and Station Options Map — Project Technical Description — Route and Station Options Rolls Plans — Route and Station Options Evaluation Process — Example of Evaluation Criteria — Frequently Asked Questions — Next Steps and Contact Information 	<ul style="list-style-type: none"> — Virtual PIC Zoom Webinar pre-registration — Project Overview — Project Description (How the project will support the region) — Class EA Process (text and graphic) — Study Purpose — Route and Station Options Map — Route and Station Options Evaluation Process — Example of Evaluation Criteria — Frequently Asked Questions — Next Steps and Contact Information

Printed large size table maps were made available at the in-person PIC. Attendees could attach notes to specific locations on the maps to provide comments related to those locations. A total of six comments were attached to the table maps by attendees and have been included in the comment summary in **Section 4** of this report.

A copy of the PIC display materials can be found in **Appendix D**.

At the virtual PIC, a presentation was made that detailed the process and study objectives for the Class EA study, as well as answers to frequently asked questions. There was a total of 26 slides.

The presentation and display materials were also made available online on PUC’s website:

www.PUCTransmissionLP.com.

The PUC website provided the online materials in a PDF format. A copy of the downloadable PDF presentation and display materials is attached in **Appendix D**.

The PIC materials were published as noted below:

Date Published	May 26, 2022
Formal Viewing and Comment Period	May 26 – June 9, 2022
Project Webpage	www.PUCTransmissionLP.com
Display Panels Publication (URL Address)	https://puctransmissionlp.com/documents/dl/?versionID=5&catID=1



Members of the public were invited to provide comments by emailing WSP's Consultation and Engagement Lead, Jeremiah Pariag, at the project email: Jeremiah.Pariag@wsp.com.

Please refer to **Section 5** of this Summary Report for more details about the comments received.



4 SUMMARY OF FEEDBACK

4.1 PIC ATTENDANCE

A total of 23 participants attended the in-person PIC and seven attended the virtual PIC.

During the in-person PIC, participants discussed the project one-on-one with staff, and had opportunity to provide written comments. Four written comments were received during the in-person PIC. Six additional comments were received by email following the PIC during the comment period.

During the live PIC #1 event, attendees participated using the Q&A function in Zoom. Four comments were received during the virtual PIC via the Q&A. A copy of the chat and comment forms can be found in **Appendix E**.

The formal comment period was from **May 26, 2022 – June 9, 2022**. The correspondence record is included in **Appendix E**.

These meetings were not attended by any elected officials, Indigenous Communities, or agencies. Twenty-three (23) members of the public attended the PIC in person. Six members of the public and one member of the media attended the virtual PIC.

4.2 FEEDBACK RECEIVED

Feedback was received following the Notice of PIC #1, during the live PIC #1 event, online via the project website comment form and subsequently by email to jeremiah.pariag@wsp.com.

The following summarizes the main concerns and interests expressed in the comments received from the general public via email and project website comment form, the in-person PIC Comment Forms, the verbal discussions during the in-person PIC, and in the chat function during the virtual PIC event.

4.2.1 GENERAL COMMENTS OR INQUIRIES

The following summarizes the main concerns expressed in the comments received from the public. Several comments received were not related to the Class EA study; therefore, were not included in the following. General concerns, comments, and/or inquiries related to the Class EA study and design, and implementation of the project were received including:

- Several comments related to potential impacts to specific properties located within the study area.
- Requests for property expropriation/acquisition compensation discussions as soon as possible.
- Suggestion for an alternate common elements route and request for more information regarding how potential power losses and extra costs of the common elements route was assessed.
- Requests to protect existing mature trees along Allens Sideroad (6 ft+, 6" DBH, white spruce).
- Note that the forest adjacent to Allens Side Road contains much wildlife and a fish sanctuary in the creek.
- Request for southern section of the common elements route to move further north.
- Request for proposed poles along Peoples Road to move closer to the road at the southern section of the common elements route due to proximity to existing residence.
- Questions regarding potential capacity and usage of the proposed transmission line beyond meeting Algoma Steel's needs for the future Electric Arc Furnace Station.
- Question about whether commercial/industrial companies other than PUC and Algoma Steel will require access to the proposed transmission line.



- Question about whether underground lines have been considered.
 - Concerns related to potential decrease in property value as a result of the project.
 - Concerns about visual impacts due to the proposed transmission line, even for residents not directly affected.
 - Concerns about potential impacts to ATV and snowmobile access once the transmission line is built.
 - Concerns about potential impacts to the natural environment (i.e., wildlife / watercourse protection).
 - Concerns about potential noise emission from the proposed transmission line.
 - Concerns about potential impacts of electromagnetic fields (EMF) to human health.
-

4.2.2 SUPPORT FOR THE CLASS EA STUDY

The following summarizes comments supporting the study received during and following PIC #1:

- Support for route option 4.
- General comments of support for the Project as a whole.
- Support for route option 4 to avoid selection of the Allen's Side Road route and impacts to large trees along the road.



A NOTICE OF PIC #1

Notice of Public Information Centre #1
Class Environmental Assessment Study
For the 230 kV Transmission Project

THE STUDY

In March 2022, PUC Transmission LP initiated a Class Environmental Assessment (EA) to evaluate alternatives for a double circuit 230 kilovolt (kV) line and a 230/115/34.5 kV substation in the City of Sault Ste. Marie, as part of an electrical supply expansion related to load increases at Algoma Steel. The 230 kV line that will be approximately 14 km long, will start from Third Line Transformer Station (TS) in the City of Sault Ste. Marie, and will terminate in a new 230/115/34.5 kV substation, which will be located at or near the Algoma Steel plant. There are two location options for the new substation.

This study will identify the potential effects on the environment from each of the circuit route and substation location options, and then determine the preferred options. The Study Area, route options, and substation location options under consideration are shown in the attached map.

PUBLIC INFORMATION CENTRE #1

Public input and feedback are an important part of project planning, and the Class EA process provides opportunities for us to hear from you. We encourage you to attend our upcoming Public Information Centre (PIC) to learn more about the route and station options, and the selection process. Members of the Project Team will be available to discuss the approvals process, environmental studies, considerations, and mitigations, as well as the anticipated construction schedule.

IN-PERSON PIC #1 DETAILS*	VIRTUAL PIC #1 DETAILS
Date: May 26 th , 2022	Date: May 31 st , 2022
Time: 4:30PM to 7:30PM	Time: 6:00PM to 7:30PM
Location: Northern Community Centre (556 Goulais Ave, Sault Ste. Marie, ON, P6C 5A7)	Location: To be held virtually via Zoom (Link to be provided upon registration)
Registration: Please sign-in at the PIC	Registration: visit www.PUCTransmissionLP.com
* Please note that masks are required for the in-person PIC.	

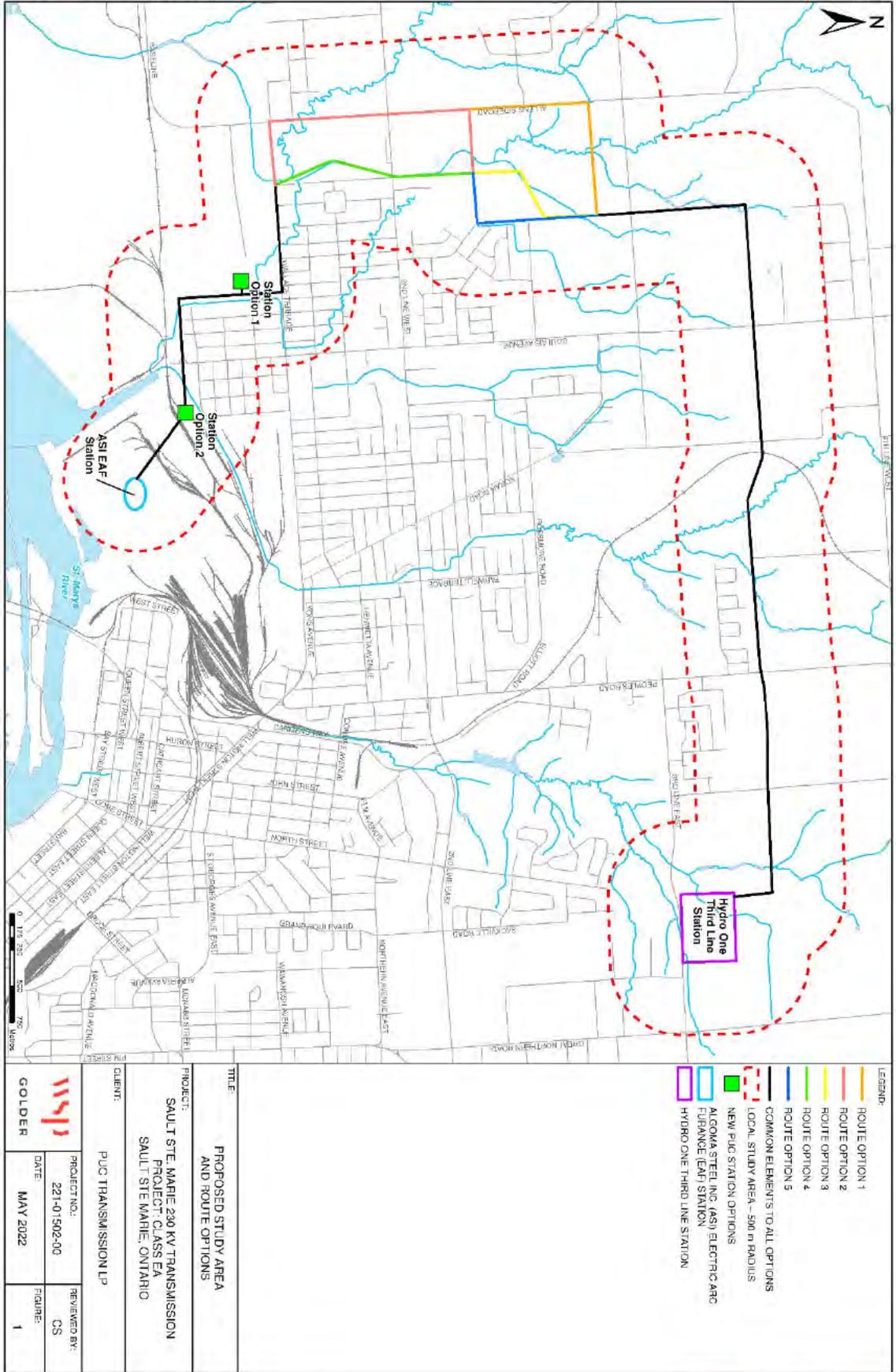
To provide comments, request additional information, or be added to the Project mailing list, please contact either of the following Project Team members or visit our website at:

www.PUCTransmissionLP.com.

Dominic Parrella, P. Eng. Executive Lead, Special Projects PUC Transmission LP 705-941-8386 dominic.parrella@ssmpuc.com	Jeremiah Pariag Consultation and Engagement Lead WSP Canada Inc. 289-835-2548 jeremiah.pariag@wsp.com
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Under the *Freedom of Information and Protection of Privacy Act* (FIOPPA) and the *Access to Information Act*, comments, and information regarding this project, with the exception of personal information, will become part of the public record.







B MASTER STAKEHOLDER CONTACT LIST

See Appendix C-2 of the Draft ESR



C INDIGENOUS COMMUNITY LETTERS

See Appendix C-4 of the draft ESR

**D PUBLIC
INFORMATION
CENTRE #1
DISPLAY
MATERIALS**

See PIC #1 Materials in Appendix C-3 of the draft
ESR



E SUMMARY OF RECEIVED COMMENTS



ID#	DATE	NAME	COMMENTS FROM CALLER	COMMENTS TO CALLER	DATE RESPONDED AND BY WHO?
Telephone Inquiries					
T1	01-Apr-22	Jerry Lannigan	Owens property near the PUC ROW - the rear portion of his land crosses the PUC easement. He wanted to know if the powerline would prevent him from building a road across the easement to develop a subdivision either side of the powerline. Also asked if the lines make noise.	Yes, he can put a road across the easement but cannot build any permanent structures on the easement. Yes there is a slight buzzing sound but it is very low noise level that is negligible at the edges of the easement.	PUC received the phone call and provided the response as noted, on the call 1-Apr-22
T2	01-Apr-22	Mohamed Ahmed	Just purchased a house on Letcher St and wanted know if the new arc furnaces would eliminate the pollution coming from the steel plant. He was very happy to hear this would greatly improve air quality.	I advised that according to Algoma, the arc furnaces would greatly reduce GHG emissions	PUC received the phone call and provided the response as noted, on the call 1-Apr-22
T3	01-Apr-22	Pat Steward	She wants to be added to the mailing list. She has a book from the days when the PUC easement was established on her fathers property. She will bring it to the open house to show us.	She will get notification of the open house in May.	PUC received the phone call and provided the response as noted, on the call 1-Apr-22
T4	04-Apr-22	Jay Ferguson	Owens 28 acres between him and his neighbour (Taylors at 506 Third Line) between Moss Rd and Goulais Ave running from Third Line and 2000 feet back. Wanted to know what the poles will look like and how tall. Is there a hum?	I referred him to the EA website to see the picture at bottom of home page and explained the poles would be about 40m tall and about 200m apart. Yes there is a hum or buzz but it is quite faint and will not be noticeable at the edge of the easement limits.	PUC received the phone call and provided the response as noted, on the call 4-Apr-22
T5	04-Apr-22	Susan Taylor	Owens property all the way back to the drainage culvert. Opposed to anything that will devalue her property. Is going to talk to her lawyer to see what she can do about this.	Thanked her for her inquiry and advised her she could submit comments at the first PIC in May and that she would get notice of date and time in the mail.	PUC received the phone call and provided the response as noted, on the call 4-Apr-22
T6	05-Apr-22	n/a	Wanted to know if the line is overhead or underground and how tall the poles will be. She said she will have to sell before it's built because does not want to see the poles towering over the trees.	Explained they would be overhead, approx. 130 feet tall.	PUC received the phone call and provided the response as noted, on the call 5-Apr-22
T7	05-Apr-22	Joseph Cheesman	Hi, Jeremiah, it's Joe Cheesman calling. I live in Sioux St. Marie at 864 Third Line West and I'm interested in this new PUC transmission 230kV line that's going by my house. I'd like to be involved in whatever is going on. Thank you. And I was kind of wondering about the timeline. When are they doing this or plan to do it? OK. Thank you. Bye.	Jeremiah returned Joe's call on April 14th, 2022 at 9:43AM. Left a voicemail offering to set-up a call to respond to his questions.	WSP received the voicemail on April 5th, 2022.
T8	06-Apr-22	Henry Eshkibok	"why are you running these lines through residential areas". He is opposed to any HV lines through his neighbourhood and wants to be on the record as such. Asked why we don't run the line further west to avoid all residential areas.	I commented to him that we are looking a several route options and that his comments would be taken into consideration in evaluating the different options.	PUC received the phone call and provided the response as noted, on the call 6-Apr-22



ID#	DATE	NAME	COMMENTS FROM CALLER	COMMENTS TO CALLER	DATE RESPONDED AND BY WHO?
T9	10-May-22	Jerry Lannigan	purchased property about 1.5 yrs ago and is now very upset that PUC is now planning to put transmission line along his property. He noted that he bought the property for investment and the powerline will severely reduce the value of his property - wants to know who will compensate him for the loss of value. Just spent \$150K to improve his property. Also bought property behind him. The subdivision (Greenfield Sub) is going towards him. Also asked about health concerns and whether there's noise from the lines.	I pointed out that we are conducting this EA to seek input from property owners and advised him of the first PIC coming May 26th. I explained Health Canada's position on EMF concerns. Also explained the buzz or hum from the lines is minimal and pointed to the existing 230kV lines along Birkshire Sub as an example that he could check out. I told him I would send him the Health Canada pamphlet by email as well as the PIC#1 notice.	PUC received the phone call and provided the verbal response as noted herein on 10-May-22. Also sent an email as noted in the verbal response.
T10	15-May-22	Van Henson	Asked whether the driveway he built on the easement would conflict with the pole locations.	I advised that WSP is preparing a drawing that would provide this detail and that they would be contacting him soon to discuss this with him. I also mentioned that based on the preliminary drawing that I had, it appeared there would not be any conflict.	PUC received the phone call and provided the response as noted herein on May 16th.
T11	15-Jun-22	Lina Porco	Lina explained the gas company made a mess of their property last year and they are going to fix it now and was concerned about what PUC was going to do there.	I made an appointment for 2pm the next day to see the property and talk to her and her husband about the plans for this area.	PUC received the phone call and responded noted herein on June 15th.
T12	16-Jun-22	Jerry Lannigan	Jerry expressed concern with potential for the wires to break and electrocute someone. He indicated "everyone" is really concerned about this and that there will be "a lot of opposition at the next open house". He also expressed concern over confusion about how many wires there are.	I acknowledged his comments and pointed out that the line will be built and maintained to all applicable standards. I also pointed out that his comments would be taken into consideration. I also explained the number of wires that would be on the poles. I also pointed out that he and his neighbours could go to the website and review the maps that show that proposed location of poles relative to their properties. And I confirmed the next PIC will be in August.	PUC received the phone call and provided the response as noted herein on June 16th.
Email Inquiries					
E1	01-Apr-22	Dennis Gagne	I am looking at the proposed map and it appears that this line would be going through my property and I wanted to know if that is what is being proposed.	Yes, the proposed line would be running down the centre of the PUC easement on your property as indicated by the yellow line in the clip below. The attached letter was mailed out today to all property owners where PUC's easement crosses their property, for information. The letter includes information about the steel poles and also includes a picture of what the poles will look like. We have not yet done the detailed engineering to know exactly where the poles would go but they would be spaced quite far apart, about 200 m. The first public open house will be held some time in May and you will receive notification by mail of the time and location several weeks in advance.	1-Apr-22 - PUC by email



ID#	DATE	NAME	COMMENTS FROM CALLER	COMMENTS TO CALLER	DATE RESPONDED AND BY WHO?
E2	01-Apr-22	Raumo Maenpaa	<p>We live at 4 Palomino Drive and the side of our property is along Allen's Side Road.</p> <p>Would you please tell me which side of Allen's Side Road (east side or west side) the transmission line is proposed to run along. I look forward to hearing your response to this question.</p>	<p>Thank you for your email and for your interest in PUC's Class Environmental Assessment Study for the 230 kV Transmission Project in Sault Ste. Marie, Ontario.</p> <p>Please note that in the area you noted, the transmission line is proposed to run down the East side of Allen's Side Road. This is proposed as there is a major distribution line on the West side that prevents us from situating the transmission line there.</p> <p>Please let me know if you have any additional questions, and feel free to visit the project website for project information and updates.</p>	April 18th, 2022 - WSP
E3	01-Apr-22	Brian Jennings	<p>I had received a letter as per the subject above. I am 161 Old Goulais Bay Rd in Sault Ste. Marie</p> <p>Are there any enlarged details or plan drawings available showing property line offsets and pole placement in the area of our house?</p>		No response necessary - PUC provided a response for the same inquiry on April 7th (Comment ID #E7)
E4	02-Apr-22	Marcy King	<p>As property owners/joint owners of over 100 acres between Allen's Side Road and Chippewa Street, the proposal concerns both our west and east boundaries. We have 1465.35 foot frontage on Allen's Side Road which would affect future property values/development whether it be an under/above ground installation. That would be Route 1-2. Option 3-4 running along our easterly undeveloped corridor would be preferable.</p>	<p>Thank you for the information and your comments. We will definitely take them into consideration in assessing the various route options to determine a final preferred route.</p> <p>The first public information centre will be held in May and will be held both in-person and virtual. You will receive notice well in advance.</p>	2-Apr-22 - PUC by email as noted.
E5	06-Apr-22	Maggie McAuley	<p>CSD staff have identified parks within the vicinity noted below. Please have the PUC confirm that there are not any plans for infrastructure to be placed within any of the parks identified.</p> <p>If there is please ask them to provide details whether it be poles and or lines crossing and the location within each park applicable.</p> <p>Green Field Park – 24 Beaumont, 150/154 Greenfield Brookfield Park – 15/23 Eden Sq Mike Zuke Park – 216/237 Spadina Ave, 211/215 Pittsburgh Ave Rosita Park – 32 Rosita St Green Acres – 32 Ea Perth Bay Arden Park – 60 Arden St Glasgow Park – 89 Glasgow Ave</p>	<p>We will follow up on Brent's comments and advise if there are any potential impacts to these parks.</p>	6-Apr-22 - PUC by email as noted.
E6	06-Apr-22	Allen Woolsey	<p>I am writing to ask you to keep us up to date via email on the expansion of lines to Algoma Steel.</p> <p>We live quite near the route at 696 Third Line West.</p> <p>I did try to utilize the email service from the website (WWW.PUCTransmissionLP.com) but it would not confirm my application so I have no idea if it worked or not. I did leave a message to that affect but have had no reply as of this date.</p>	<p>Thank you for pointing this out. I will ensure you are on the mailing list.</p>	6-Apr-22 - PUC by email



ID#	DATE	NAME	COMMENTS FROM CALLER	COMMENTS TO CALLER	DATE RESPONDED AND BY WHO?
E7	06-Apr-22	Susan Lindstedt	I just received the letter and YES I would like to be kept in the loop during this project. Firstly what does this mean to myself; such as power interruptions? Tia.	Thank you for your interest in the Minor Transmission Class Environmental Assessment for PUC Transmission LP's proposed new 230 kV Transmission line and station in the City of Sault Ste. Marie. This is to confirm receipt of your message. We will add you to our mailing list. In response to your question, we can advise this project will not affect reliability of electrical service to residential customers in Sault Ste. Marie.	19-Apr-22 - PUC by email
E8	06-Apr-02	John Halucha	I am curious why PUC Transmission LP has chosen a route that veers north rather than taking a more direct course to Algoma Steel: from the Third Line Hydro Station south across Third Line for perhaps 50 to 200 metres, then directly west to meet up with the published proposed route mid-way between Goulais Avenue and Allens Sideroad. By my rough reckoning, this would save some 1200 metres. Using your information that the proposed route would be approximately 14 km, this more-direct path would be about 12.8 km. Why would PUC want to add almost 10 per cent to the length of the line with commensurate extra initial construction costs, ongoing maintenance costs, and wasteful line losses for as long as these cables carry huge amounts of electricity to Algoma Steel? The longer route is a curious choice, especially for a project whose avowed goal is environmental benefit. In addition, it looks to me as though the more-direct route I described would affect fewer neighbouring residences largely because it does not go some 1.2 kilometres extra in a roundabout course. I would be grateful if you could explain this to me or suggest whom I could contact for the reasoning that led to an inefficient proposal with extra costs and extra environmental impact.	Thank you for your comments and interest in the Minor Transmission Class Environmental Assessment for PUC Transmission LP's proposed new 230 kV Transmission line and station. With reference to the attached drawing of the study area, please note the black line shown running west from the Hydro One Third Line Station to the westerly limit, where it turns south and crosses Third Line until it meets the yellow and orange alternatives, is covered by existing PUC easements that have been in place since the early 70's for eventual construction of such a powerline. Therefore, the black line represents the most cost-effective way to reach the west end of the city. In order to reach the Algoma Steel site, south of the existing PUC easements, there are a number of alternative routes being considered, as indicated by the various coloured options on the attached study area map. The purpose of the Class EA process is to provide the public and stakeholders the ability to engage and be consulted as part of the EA process. We value your feedback and input. As such, a Public Information Centre / Open House will be held in person late in May. A virtual information session will also be held the week after the in-person session. More details about the project will be provided at the open houses. There will additionally be a second round of in-person and virtual engagement activities at a later stage in the study. For up-to-date information on open houses or the status of the project, please sign up for our mailing list at www.PUCTransmissionLP.com	24-Apr-22 - PUC by email with 2012 Health Canada Fact Sheet attached
E9	07-Apr-22	Brian Jennings	I had received a letter as per the subject above. Are there any enlarged details or plan drawings available showing property line offsets and pole placement in the area of our house?	No, drawings are not available yet. I will look into this and let you know when you can expect to see something.	7-Apr-22 -PUC by email



ID#	DATE	NAME	COMMENTS FROM CALLER	COMMENTS TO CALLER	DATE RESPONDED AND BY WHO?
E10	08-Apr-22	Nadia Sator	N Sartor inquired by telephone. She wanted to know where the line was proposed to cross.	As we discussed, PUC holds an easement across your property at 819 Third Line West that was originally acquired in the early 70's. I placed a yellow line on the Google Earth View image below to give you a better indication of the proposed location of the powerline. Also, further below, I have included an image of similar steel poles that are on Second Line in the area of North Street to give you an indication of what the poles will look like. The proposed PUC poles will be similar to that shown in this image below.	8-Apr-22 - PUC by email

E11	08-Apr-22	Harvey Benford	<p>In regard to the PUC transmission line assembly I guess I have a few questions more than any concern.</p> <p>1. Is the feed that runs from Third Line to the recently upgraded station at Gate Three not a Hydro One maintained Transmission Line? If so would they not have rights or first dibs on the proposed circuit to Station Options 1&2?</p> <p>2. Could the Clerque HG be tied into Algoma's state of the art Co-Gen then to Sta. Option one or two?</p> <p>3. Has or will PUC ever have considered getting into the Generation Side of small Hydro Generation like single turbine reliable units ie. Sultan, Spanish River and Lake Hope. Create reliable power with small infrastructure investment tied to your owned(PUC) transmission lines.</p> <p>4. The biggest question is why the City and whatever partnership did they could form not chase one of the Liberal cancelled gas plants being built in Mississauga and Oakville. The City and their partners of the day were throwing money into a scheme to burn garbage that of course had to be trucked from the dump before converting it through the heat/steam/turbine process to electricity. Ill fated and bogus leadership from all involved in that venture.</p> <p>Now that Natural Gas is be recognized as being "Green"it would be very appropriate to advocate to all levels of Government for PUC, Corporation of SSM, Endridge (Trans Canada)and whoever else to build a plant similar to the two that ended up in Napanee and Lampton County.</p> <p>All the elements are in place for a short feet to Station one or two and with ample property already designated along Baseline PUC would win by transmission to Third Line and Algoma's Trans West directly to Station Option Two.</p> <p>This may never happen but a spur or future junction point in Baseline and Allen's Sideroad could've considered in this Study.</p>	<p>In regard to the PUC transmission line assembly I guess I have a few questions more than any concern.</p> <p>1. Is the feed that runs from Third Line to the recently upgraded station at Gate Three not a Hydro One maintained Transmission Line? If so would they not have rights or first dibs on the proposed circuit to Station Options 1&2?</p> <p>Response: Yes, that line is a Hydro One line; however, it does not have the capacity to supply the new additional load of the new electric arc furnaces (EAFs). Also, the line cannot be upgraded while it is in service. A new 230 kV line and station are required, which PUC Transmission is proposing to build.</p> <p>2. Could the Clerque HG be tied into Algoma's state of the art Co-Gen then to Sta. Option one or two?</p> <p>Response: Generation alone cannot address the problem. New transmission lines are required to get existing generation to the new EAFs.</p> <p>3. Has or will PUC ever have considered getting into the Generation Side of small Hydro Generation like single turbine reliable units ie. Sultan, Spanish River and Lake Hope. Create reliable power with small infrastructure investment tied to your owned(PUC) transmission lines.</p> <p>4. The biggest question is why the City and whatever partnership did they could form not chase one of the Liberal cancelled gas plants being built in Mississauga and Oakville. The City and their partners of the day were throwing money into a scheme to burn garbage that of course had to be trucked from the dump before converting it through the heat/steam/turbine process to electricity. Ill fated and bogus leadership from all involved in that venture.</p> <p>Now that Natural Gas is be recognized as being "Green" it would be very appropriate to advocate to all levels of Government for PUC, Corporation of SSM, Endridge (Trans Canada)and whoever else to build a plant similar to the two that ended up in Napanee and Lampton County.</p> <p>All the elements are in place for a short feet to Station one or two and with ample property already designated along Baseline PUC would win by transmission to Third Line and Algoma's Trans West directly to Station Option Two.</p> <p>This may never happen but a spur or future junction point in Baseline and Allen's Sideroad could've considered in this Study.</p> <p>Response: Please note that PUC Transmission is undertaking this new local transmission infrastructure in order to address the local area transmission system constraints. Information about other PUC undertakings can be found at https://ssmpuc.com/</p>	<p>8-Apr-22 - acknowledgement email provided by PUC</p> <p>24-Apr-22 - PUC responded as noted.</p>
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ID#	DATE	NAME	COMMENTS FROM CALLER	COMMENTS TO CALLER	DATE RESPONDED AND BY WHO?
E12	11-Apr-22	Kelvin Bordin	<p>I received the notice regarding the proposed transmission line that's said to be built directly beside my house and neighborhood.</p> <p>Is this project confirmed or is it still to be determined?</p> <p>Myself and neighbors are concerned. We are frustrated because there seems to be other options that can be considered, options that won't directly disrupt the community.</p> <p>This Powerline should not be in such close proximity to family dwellings. That is not safe for families and their children. The area is not zoned as such. It's zoned as rural agricultural. Also, to my understanding the entire area that you are intending to build is reserved for conservation.</p> <p>As hard working tax payers of this city it is disheartening that a project like this can be decided without any say from the people who will be directly effected.</p> <p>Thank you for your time and I Hope to discuss this further in order to come to an alternative, less community disruptive option.</p>	<p>Thank you for your interest in the Minor Transmission Class Environmental Assessment for PUC Transmission LP's proposed new 230 kV Transmission line and station in the City of Sault Ste. Marie.</p> <p>The purpose of the Class EA process is to provide the public and stakeholders the ability to engage and be consulted as part of the EA process. We value your feedback and input. As such, a Public Information Centre / Open House will be held in person late in May. A virtual information session will also be held the week after the in-person session. We will provide you with notification of the date, time, and location well in advance. More details about the project will be provided at the open houses. There will additionally be a second round of in-person and virtual engagement activities at a later stage in the study.</p> <p>The powerline is proposed for construction, starting in mid-2023 and anticipated for completion by end of 2024. The PUC holds easements for a powerline corridor, 125 feet in width, across the northerly area of the city, which is adjacent to your property. The powerline is proposed to be built along the center line of those easements. In regard to zoning, please note that electricity transmission facilities are exempt from zoning restrictions.</p> <p>Health Canada provides information and guidance on electric and magnetic fields (EMFs) at extremely low frequencies (ELFs) – i.e. 60 Hz. powerline frequencies – at this link; https://www.canada.ca/en/health-canada/services/health-risks-safety/radiation/everyday-things-emit-radiation/power-lines-electrical-appliances.html.</p> <p>Please see the attached information pamphlet from Health Canada that includes the following statement at the center-bottom of page 2: "Health Canada does not consider that any precautionary measures are needed regarding daily exposures to EMFs at ELFs. There is no conclusive evidence of any harm caused by exposures at levels found in Canadian homes and schools, including those located just outside the boundaries of power line corridors."</p>	<p>12-Apr-22 -PUC by telephone in response to his phone call.</p> <p>25-Apr-22 -PUC responded by email as indicated and included a copy of the 2012 Health Canada EMF Fact Sheet.</p>



ID#	DATE	NAME	COMMENTS FROM CALLER	COMMENTS TO CALLER	DATE RESPONDED AND BY WHO?
E13	21-Apr-22	Dennis Gagne	<p>I am writing this email today in regard to the 230kv line that is planned to go through my property at 840 Third Line West in Sault Ste Marie, Ontario. As a Father, Husband, Property owner, and resident I have the following concerns:</p> <p>These are health concerns taken from epidemiological studies done on living near high voltage lines</p> <p>Short Term: Headaches; Fatigue; Anxiety; Insomnia; Prickling/burning skin; Rashes; Muscle pain</p> <p>Long Term: Leukemia; Brain Tumours i.e. Glioblastoma; DNA Damage; Neurodegenerative; Disease i.e. Alzheimer's, Parkinson's; Heart Arrhythmia; Tinnitus.</p> <p>Some other concerns</p> <p>Significantly reduces property value due to fear of negative health effects, unpleasant view of 40m steel post, and constant hum from 230kv line. The property will be rendered useless. I will be paying taxes on nearly 4 acres of land that I can no longer use.</p> <p>I have received permits to develop that part of that land and work was done. Just last year a large section was rototilled to enhance the agriculture.</p> <p>My family's quality of life is going to be affected by this</p> <p>These are some of the concerns that I have.</p> <p>Please reply via this email address. If there is anyone else that should be receiving this email please let me know.</p>	<p>Apologies for the delay in responding, it is our objective to respond to all inquiries within 10 business days.</p> <p>Thank you for your feedback in relation to the Minor Transmission Class Environmental Assessment for PUC Transmission LP's proposed new 230 kV transmission line and station.</p> <p>Health Canada provides information and guidance on electric and magnetic fields (EMFs) at extremely low frequencies (ELFs) – i.e. 60 Hz. powerline frequencies – at this link; https://www.canada.ca/en/health-canada/services/health-risks-safety/radiation/everyday-things-emit-radiation/power-lines-electrical-appliances.html</p> <p>Please see the attached information pamphlet from Health Canada that includes the following statement at the center-bottom of page 2: "Health Canada does not consider that any precautionary measures are needed regarding daily exposures to EMFs at ELFs. There is no conclusive evidence of any harm caused by exposures at levels found in Canadian homes and schools, including those located just outside the boundaries of power line corridors."</p> <p>Please note, the only restriction related to use of the easement lands is that no permanent buildings that are subject to the Ontario Building Code are permitted within the easement boundaries and that access to power poles must not be impeded.</p>	<p>21-Apr-22 - PUC provided acknowledgement email as noted.</p> <p>4-May-22 - PUC responded by email as noted.</p>

ID#	DATE	NAME	COMMENTS FROM CALLER	COMMENTS TO CALLER	DATE RESPONDED AND BY WHO?
E14	24-Apr-22	Jack Flint	<p>May I ask you to answer a couple questions on the new the new 230-kV line that will provide increased power to Algoma Steel for the new electric arc furnaces.</p> <p>Type of pole or tower, number, size and height of wires, etc. that will be used ?</p> <p>Have they looked at running the new line along the rail line right of way ?</p> <p>When does the in-person open house take place ?</p>	<p>Thank you for your interest in the Minor Transmission Class Environmental Assessment for PUC Transmission LP's proposed new 230 kV Transmission line and station in the City of Sault Ste. Marie.</p> <p>The in-person open house will be held May 26th at the West End Community Centre, 556 Goulais Ave, from 4:30 to 7:30 pm. A virtual open house will also be held May 31st from 4:30 to 7:30 pm. The image below, taken from Google StreetView, provides an example of the type of steel monopole that is planned for use on this project. This image is taken on Second Line immediately west of North Street.</p> <p>The steel monopoles planned for this project are in the order of 40 m. tall and will be spaced up to 200 m. apart. They will carry 7 conductors, 3 on each side and 1 at the top of the pole, as in the image below.</p> <p>For up-to-date information on open houses or the status of the project, please sign up for our mailing list at www.PUCTransmissionLP.com</p>	24-Apr-22 -PUC by email as noted
E15	25-Apr-22	Jack Flint	<p>Thank you for the provided information, could you provide me with the specifications on the existing nine wire high voltage line that currently runs on the west side of Allen's Side Road, south of the Second Line ?</p>	<p>With reference to the image below, taken from Google Street View, at the intersection of Allen's Side Rd and Ransome Dr - the poles are 55 foot western red cedar poles (approx. 45 feet above ground to the top of the poles). The top three wires in a triangular configuration are operating at 34.5 kV, while the six wires below that (three on each side of the pole, on standoff insulators) are operating at 12.47 kV.</p> <p>Let us know if we can be of any further assistance.</p>	25-Apr-22 - PUC by email as noted

ID#	DATE	NAME	COMMENTS FROM CALLER	COMMENTS TO CALLER	DATE RESPONDED AND BY WHO?
E16	25-Apr-22	John Halucha	<p>I am seeking clarification from the PUC Transmission LP Project Team about any Sault Ste Marie Region Conservation Authority input into the proposed 230 kV transmission route, and am also contacting you directly since time is of the essence.</p> <p>The proposed route runs north of the Third Line Hydro Station, then west across Peoples Road, Moss Road and Goulais Avenue, then turns south mid-way between Goulais Avenue and Allens Sideroad before crossing Third Line. I have asked PUC whether it has considered or is considering a more-direct route along Third Line or south of Third Line. I have also asked whether SSMRCA has given input into the EA process, especially regarding the wetlands, stream, beaver pond and beaver dam between Goulais Avenue and Allens Sideroad where the proposed route turns south. Since this area is included in the SSMRCA Administration of Ontario Regulation 176/06 it seems obvious that your input would be integral to the Environmental Assessment.</p> <p>PUC has indicated that this part of the route has been an existing PUC easement since the 1970s, and I have asked for clarification whether that means it is not subject to the current EA. Since time is short before the first Public Information Centre / Open House will be held in person late in May, I am seeking information directly from the SSMRCA on</p> <ul style="list-style-type: none"> - any input the SSMRCA is making to the current Environmental Assessment, and - any input the SSMRCA may have made to the PUC about the "existing PUC easements" in the 1970s or since that time until the present. <p>Thank you for your earliest response. I apologize for the hurry, but I just today received a first response from the PUC to inquiries I made April 6 and I need this information so that I can meaningfully engage and be consulted as part of the EA process. Because timing is crucial I am happy to receive any documentation electronically. However, if it is more convenient for you to use the post you may send it to.</p>	<p>Further to your inquiry of the Conservation Authority, please find below the comments we received from them in relation to this Study.</p> <p>Also, please note we will be providing responses to the questions you submitted on April 24th within 10 business days of that submission date.</p>	3-May-22 - PUC responded to Mr. Halucha's email to the SSMRCA as noted.
E18	14-Apr-22	Marlene McKinnon (SSMRCA)	<p>The setbacks for infrastructure such as high voltage power transmission lines, towers and stations are 15 metres from the regulatory flood line and top of stable slope. To place infrastructure within the 15 metres setbacks or slope area, a geotechnical study will be required. The 15 metres setbacks from the top of stable slope may be reduced based on geotechnical study if the Factor of Safety (FS) is 1.4 -1.5 or greater for the proposed infrastructure. This minimum value of F.S is generally required for developments which are designed close to valley slopes. The study must be prepared by a qualified professional engineer attesting the stability of slopes to support the structure/s. The study should include global slope stability analysis.</p>	No response required.	
E19	26-Apr-22	Jack Flint	<p>Thank you again for the provided information, if the Route option 2 were to be selected, would the installation of the line be installed on the east or the west side of Allen's Side Road ?</p> <p>As well, what voltages will each of the seven conductors on the new line be carrying ?</p>	<p>Route Option 2 would be located on the east side of Allen's Side Rd. since there is already a significant distribution powerline on the west side of the roadway. The proposed new transmission line would operate at 230 kV.</p> <p>Let us know if we can be of any further assistance.</p>	26-Apr-22 - PUC by email as noted

ID#	DATE	NAME	COMMENTS FROM CALLER	COMMENTS TO CALLER	DATE RESPONDED AND BY WHO?
E20	26-Apr-22	Christopher Witkowski	<p>I live at . which puts me about 250 meters from the proposed location of the power line. But, Wallace Terrace is not that far south of me and there are houses on the north side of Wallace Terrace. The way it's drawn on the map the power line would run along Wallace Terrace and that seems way too close to the houses. I don't know what Algoma owns just south of Wallace Terrace and, unfortunately, it's not shown on the map. Algoma property should be coloured on the map to better see what suitable options might be.</p> <p>Since this is for Algoma's benefit it seems that the power line should be run as much inside Algoma's property as possible - I would think at least 100 meters south of Wallace Terrace. Some distance is also required in case towers are toppled.</p> <p>If there's no way around running the power line close to houses then there's the question of whether the use of coax has been considered for those sections of the power line.</p> <p>I also have to wonder about the potential for RFI/EMI. How much interference can an arc furnace produce? What measures will be taken to keep it off the power line? I like to listen to AM and shortwave from time to time and I get more interference coming in on the power line than I care for. I've walked around the neighbourhood with a radio, but, haven't determined the source.</p> <p>About all I can be reasonably sure of is that it's being carried on the power lines. I'm probably sufficiently far away from the proposed power line that any interference on it may not affect me, but, those living closer could be.</p> <p>The dearth of information on this project is not good. You need to disclose all the issues you are aware of and your decisions and reasons for decisions regarding those issues.</p>	<p>This project is still in the early phases and, as such, a number of route options are being considered. The location of the proposed route option along Wallace Terrace is on the south side of the roadway, south of the existing powerline. The property in that area is primarily City of Sault Ste. Marie property that was planned for industrial development. The proposed transmission line is planned as overhead construction that will meet all regulatory requirements for clearances from buildings.</p> <p>The electric arc furnaces proposed by Algoma Steel are not in the scope of this Environmental Assessment. For further information on Algoma Steel's project, please contact Brenda Stenta Manager Corporate Communications, Algoma Steel Inc. at brenda.stenta@algoma.com</p> <p>As part of the Class Environmental Assessment process, several criteria will be considered and evaluated as part of this route and station options selection process. These criteria typically include natural environment, socio-economic environment, and cultural heritage environment components. These criteria will typically consider the impacts to components such as wildlife species and habitat, as well as proximity to residences and businesses. Further information on these criteria and the work being undertaken will be further discussed at Public Information Centre #1 (In person on May 26th, 2022 and virtually on May 31st, 2022) and PIC #2 (July 2022).</p>	11-May-22 - WSP responded as indicated.
E21	05-May-22	Tom Feifel	<p>I have received a call from Mr. Tom Feifel regarding the below noted property. He has received a notice that PUC is looking at building electrical infrastructure to support Algoma Steel over this property. As the property is currently set up for a residential subdivision, he would like to understand the impacts of this and whether he should proceed with the subdivision or not. If you or a PUC representative could please contact him to discuss in further detail, it would be greatly appreciated.</p>	<p>Further to your inquiry, the location of the proposed PUC powerline, as indicated by the red east-west line shown below is approx. 160 meters north of the north property line of 115 Old Goulais Bay Rd. which appears to be the north limit of your proposed subdivision property.</p> <p>Please feel free to contact me should you have any further questions.</p>	6-May-22 - PUC responded as indicated.
E22	05-May-22	Mike Kresin	<p>Attached is a letter in response to the Notice of Study Commencement for the above project.</p> <p>We look forward to being involved in this EA process.</p>	<p>Thank you for your submission, we will take your comments and concerns into consideration in evaluating a final preferred route.</p> <p>Also, we will add you and your client to the mailing list.</p>	9-May-22 - PUC responded as indicated.



ID#	DATE	NAME	COMMENTS FROM CALLER	COMMENTS TO CALLER	DATE RESPONDED AND BY WHO?
E23	23-May-22	Jon Pasiak	I am interested in attending the PIC at the Northern Community Centre on May 26th. I received a letter in the mail and the time is listed as 4:30-7:30pm. I am wondering if there is a formal presentation or if it is just a drop-in session between those hours.	This is an informal drop-in session, come by anytime between 4:30 and 7:30pm.	23-May-22 -PUC responded as indicated.

E24	27-May-22	John Halucha	<p>Thank you once again for your informative responses to many of my questions at the Public Information Centre / Open House on Thursday. I look forward to answers to my other questions as the Environmental Assessment process unfolds. In the meantime, I have attached a couple of Google Earth satellite images to illustrate one point that I attempted to convey regarding an alternative to the “common elements” route. These are necessarily approximate since I don’t have access to your detailed images, but I submit they demonstrate proof of concept and provide a compelling argument that your team should take a closer look at the advantages. You stressed to me that although cost is a factor, environmental considerations are paramount and encroachment on residential buildings is a major component of that. I believe you will find that the route I have shown here does not intrude on the 125-foot (38.1-metre) width of an easement at any point. The closest it comes to any residences is: - 43 metres north of an isolated residence east of Peoples Road (but there is more than 125 metres between this house and residences on the south side of Third Line so considerable flexibility) - 61 metres between residences on the east side of Peoples Road - 50 metres north of isolated buildings east of Moss Road - 60 metres south of a home on the west side of Moss Road</p> <p>Contrast this with the existing “common elements” route: - 80 metres between residences on the east side of Old Goulais Bay Road - 60 metres between residences on the west side of Old Goulais Bay Road - 38 metres between residences on the east side of Peoples Road</p> <p>- 41 metres between residences on the west side of Peoples Road - 45 metres between a residence on the west side of Brule Road and the middle of the existing easement - 80 metres between residences on the east side of Moss Road - 65 metres between residences on the west side of Moss Road - 33 metres north of an isolated residence east of Goulais Avenue - 83 metres between residences on the east side of Goulais Avenue - 49 metres between residences on the west side of Goulais Avenue - 50 metres between residences on the north side of Third Line</p> <p>The alternative portion through the uninhabited Fort Creek area offers a lot of flexibility. In the example offered here, it runs as close as about 65 metres behind residences on Third Line. That is about 15 metres more distant than the existing “common elements” route that is as close as 50 metres from homes north of Tallack Boulevard, especially on Kent Crescent, which you told me is not a problem. Similarly, there is a lot of flexibility in the alternative path north of Chippewa street and the rough line drawn here is about 120 metres away from the nearest residence. Note that the straight line drawn through the industrial property on the west side of Peoples Road would actually require some shifting of transmission lines and/or buildings to abide by the 10-metre minimum clearance. It should also be noted that the existing “common elements” route extends largely through what the Sault Ste Marie Region Conservation Authority deems Medium Intrinsic Susceptibility of the aquifer, an important source of drinking water in the city. In fact, this route either crosses or is very near to a small area listed as High Intrinsic Susceptibility. The alternative proposed route south of Third Line would be entirely in the Low Intrinsic Susceptibility area. This may have bearing on drinking-water quality due to PUC maintenance of easements, particularly if herbicides or other noxious chemicals are used. I hope this will help convince you that exploring the more-direct route is warranted for several environmental considerations: less encroachment on existing residences, lower risk to the aquifer and drinking water, lower greenhouse gas emissions with the reduction of manufacture, transportation, installation and maintenance of about 1.25 km of line and</p>	<p>Thank you for your comments below and at the Public Information Centre, it was a pleasure meeting you at the PIC May 26th. I would just like to confirm that I have your email and we are doing a thorough review and consideration of the points you raise.</p> <p>Our objective is to respond to all inquiries within 10 working days. We will provide a comprehensive response to your questions and comments as soon as possible.</p> <p>----- (June 11th)</p> <p>We are thinking that we can best address the comments and questions you have through a live exchange of information. We would like to do a virtual meeting with you next week, if you are agreeable. Would you be available Wednesday June 15th for an hour, from 3pm to 4pm?</p> <p>We could do a Teams meeting, if that works for you. Or, if you prefer, we could do a Zoom meeting. Please let me know your preference.</p>	<p>8-June-22 - PUC responded as indicated.</p> <p>11-June-22 - PUC responded as indicated.</p>
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ID#	DATE	NAME	COMMENTS FROM CALLER	COMMENTS TO CALLER	DATE RESPONDED AND BY WHO?
			<p>poles, and ongoing efficiency of energy use by avoiding an extra 1.25 km of line loss. As you verified at the information centre, that perpetual line loss would be doubled if and when electricity transmission is doubled for future industrial use. Though environmental concerns are properly paramount, you pointed out that cost is a factor. PUC Transmission LP says the proposed line would be approximately 14 km long and cost about \$100 million, which points to a cost per kilometre of \$7.1 million or \$8.9 million for the extra 1.25 km of the published "common elements" route. No doubt some project costs are not directly tied to purchase of materials and construction, so let us cut that about in half to be generous. This back-of-the envelope calculation indicates a minimum cost saving of \$4.5 million using a more-direct alternative route such as the one illustrated in the attached. Shouldn't that be taken into account for "cost effectiveness" in addition to the paramount environmental improvement? This project will serve the people and industry of Sault Ste Marie for many decades, and it seems unconscionable to construct such a long-lasting and important project using a route that is environmentally inferior on many grounds just because it was chosen by well-meaning planners half a century ago, when knowledge and concern about the environment was not as well developed as today. It seems obvious that at the very least the alternative should be studied rather than dismissed out of hand. Upper levels of government have given strong support to the electrification of Algoma Steel furnaces, and implicitly the transmission of more electricity, on environmental grounds including reduction of greenhouse gases. Building an extra 1.25 km of transmission lines runs contrary to that goal and is more expensive besides. At the Thursday open house, staffer Lina ElSethony said in answer to my queries that the "common elements" route is subject to this environmental assessment but no alternatives were considered because the PUC was satisfied with existing easements. When I said that sounded as though PUC had already made up its mind and would not consider alternatives even though an extra 1.25 kilometres of line was inherently anti-environmental, she assured me that changes to the "common elements" could still be made because you are very early in the assessment process. Her colleague Jairus Patterson joined our conversation part-way through and echoed those assurances. I took their affirmations as sincere, and trust they reflect the general PUC stance. Because of our face-to-face discussion of this topic, I feel it is only fair to bring this analysis to your personal attention before I submit it for publication on the record in a week or so. That allows some time for you and other professionals on your team to point out flaws in my reasoning. Although I am passionate about the environment and efficiency, I assure you that I have an open mind and am willing to adjust my stance when presented with compelling facts. PS: At the open house, several staffers who noticed me photographing exhibits kindly informed that the placards and maps were to be posted online later Thursday. I haven't been able to find them as of 11:30 am today and would be grateful if you or one of your team could tell me where they are. Thanks yet again for your help.</p>		



ID#	DATE	NAME	COMMENTS FROM CALLER	COMMENTS TO CALLER	DATE RESPONDED AND BY WHO?
E25	29-May-22	Mario Bressan	I realize the overhead transmission lines are cheaper to install but has there been any considerations for a underground line. Clearly marked similar to the oil lines around Simpson street; and not exposed to weather elements ;it could be a more reliable and longer life system. High voltage lines in the plant are underground feeding the blast furnace. Just a thought .	<p>Thank you for your interest in the Minor Transmission Class Environmental Assessment for PUC Transmission LP's proposed new 230 kV Transmission line and station in the City of Sault Ste. Marie.</p> <p>The Project Team did consider an underground option. However, underground construction at 230 kV is much more expensive than overhead construction. Also, as the line would cross multiple private and public properties, there would be significant risk of unintentional damage by others. Furthermore, any failure of the underground line would be much more disruptive, requiring significantly more time and resources to repair. In addition, the environmental impact of underground construction is much more significant than overhead. Therefore, an underground option was not considered to be a viable option.</p> <p>For up-to-date information on open houses or the status of the project, please visit our website at www.PUCTransmissionLP.com</p>	15-June-22 - WSP responded as indicated.



ID#	DATE	NAME	COMMENTS FROM CALLER	COMMENTS TO CALLER	DATE RESPONDED AND BY WHO?
E26	02-Jun-22	John Flint	<p>Could you please confirm that if the Allen's Side Road route is chosen for the new power line, that it would require the removal of all the trees on the east side of Allen's Side Road south of the Second Line to Wallace Terrace.</p> <p>Also, what would the measurement, from the road center line, for the required vegetation removal.</p> <p>And finally, what would the measurement be from the center of the Third Line intersection south to the point where the power line would come out onto Allen's Side Road and what civic numbers would be in that area ?</p>	<p>Please note that we recently posted copies of the large-scale property maps that were on display at the public information centre May 26th, on the project website at this link... https://puctransmissionlp.com/project-plan/ There are 17 maps posted on the "Project Plan" page.</p> <p>Maps 10, 11, 12 and 13 cover the area on Allen's Side Road between Second Line and Wallace Terrace. This clip below is taken from Map 11. The solid red/pink line represents the centerline of the powerline and the green dots represent the poles. The dotted violet line is located at 10 m. either side of the poles and represents the minimum limits of the easements required to meet regulatory clearances from any occupied buildings. The dotted line also represents the extents to which all trees would have to be removed. (This information applies to all the drawings.)</p> <p>The clip below is taken from Map 7 and indicates the proposed route where the powerline would intersect Allen's Side Road and turn south. This location is approx. 20 m. south of the south property line of civic 728 Allen's Side Road. The distance from the center of Third Line to the turn point at Allen's Side Road is approx. 430 m.</p> <p>I trust this addresses your questions. Please let me know if I can provide anything further.</p>	04-June-22 - PUC responded as indicated.

E27	05-Jun-22	John Halucha	<p>Please place in the public record my comments, included in the attached .doc file and copied below. I have also pasted them into the form at https://puctransmissionlp.com/submit-a-question/ If you would prefer this in another format or wish clarification, please do not hesitate to contact me. John Halucha</p> <p>PUC (Transmission) LP is doggedly defending a round-about northern section to link the Third Line Hydro One substation with Algoma Steel, refusing to consider a shorter and greener alternative to the route chosen 50 years ago. This will create extra environmental damage during construction in addition to wasting energy every day that a needlessly long line delivers electricity to Algoma Steel and perhaps other industry over the next century or longer. PUC (Transmission) LP has set a tight timeline for environmental assessment of this vital infrastructure but has squandered two months of opportunity to study a shorter route south of Third Line, drawn to their attention multiple times beginning April 6, 2022.</p> <p>On that date, I responded to the Notice of Study Commencement by emailing the undersigned Dominic Parrella, Executive Lead, Special Projects PUC Transmission LP: "I am curious why PUC Transmission LP has chosen a route that veers north rather than taking a more direct course to Algoma Steel: from the Third Line Hydro Station south across Third Line for perhaps 50 to 200 metres, then directly west to meet up with the published proposed route mid-way between Goulais Avenue and Allens Sideroad. By my rough reckoning, this would save some 1200 metres. Using your information that the proposed route would be approximately 14 km, this more-direct path would be about 12.8 km. Why would PUC want to add almost 10 per cent to the length of the line with commensurate extra initial construction costs, ongoing maintenance costs, and wasteful line losses for as long as these cables carry huge amounts of electricity to Algoma Steel?"</p> <p>I did not get a response from Mr. Parrella but 18 days later, April 24, "PUC Transmission LP Project Team" replied that: "The study team will consider a number of factors in assessing the preferred route, line losses will be one of those factors. This will be discussed further at PIC #1, which is planned for the end of May." When I asked Mr. Parrella about it at the May 26 meeting, he said those calculations had not been done. However, he did verify that if and when electricity use doubled for future industrial development, those extra line losses would double also.</p> <p>PUC Transmission LP Project Team also said on April 24 that the "common element" line drawn in black on their map "is covered by existing PUC easements that have been in place since the early 70's for eventual construction of such a powerline. Therefore, the black line represents the most cost-effective way to reach the west end of the city." I replied the next day to ask whether that northerly portion was a fait accompli and had already been subject to an EA process of which I was unaware, and added: "Your own web site estimates that poles will be approximately 200 metres apart, which means at least an extra six or seven towers that would need to be manufactured, installed and maintained. It also means an extra 1200 metres of multiple wires that would need to be manufactured, installed and maintained. Please explain how using the round-about proposal would be more "cost-effective". Moreover, since environmental concerns are</p>	<p>A response to this request was included in the Team's response to Mr Halucha June 17th which confirmed his comments would be included in the public record. (See below)</p> <p>-----</p> <p>Thank you for the alternative route suggestion.</p> <p>We reviewed your proposed route and have determined that it is not feasible due to property impacts and technical constraints. This is primarily because the aerial imagery on which your route was depicted is outdated and current imagery of the area looks quite different.</p> <p>The image below shows the area of most concern along your alternate route. This is the area of Sherbrook Drive and Peoples Road.</p> <p>To further investigate this area, D Parrella visited the site to verify the current status of residential development in the area and found that it is now almost fully developed. As such, we prepared the summary image below noting current development not shown on the map that you had provided.</p> <p>As shown in the above images, based on the degree of current housing development and other restrictions, we have determined that the newly proposed alternate route is not feasible.</p> <p>As well, the proposed common elements route presented at PIC #1 is, to a large extent, clear of trees and vegetation that would need to be cleared to accommodate the powerline. This newly proposed route would require significantly more vegetation and tree clearing, which is one of the factors being taken into consideration in the Class Environmental Assessment (EA).</p> <p>We can confirm that all of your comments will be included in the Public Information Centre #1 Summary Report and in the consultation summary of the Environmental Study Report.</p> <p>We very much appreciate your input and will be happy to answer any additional questions that you might have.</p>	17-June-22 - WSP responded as indicated.
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presumably the focus of an Environmental Assessment such as this, please explain how manufacture, transport, installation and maintenance of these extra towers and lines is more environmentally friendly than a direct route. Also, please outline how much perpetual extra line loss there would be in the extra 1200 metres of lines ...”

It wasn't until May 5 that PUC Transmission LP Project Team responded, "Please note that all proposed routes are included in this EA process. The existing easements that run across the northerly area of the city comprise part of the common element route (the black lines) that are common to all coloured line options." If that meant the PUC considered the old path a "proposed route" subject to this EA, alternatives should still be open to study. The May 5 note continued, "In order to replace the northerly route (as represented with the black line), extensive quantities of new easements would be required. PUC's real estate representatives will work closely with directly impacted property owners to acquire easements that would affect their property. As such, the existing PUC easements provide the most feasible option at this time. This will be discussed further at PIC #1, which is planned for the end of May."

When I sought clarification at the May 26 PIC #1, staffers told me that the "common elements" route is subject to this environmental assessment but no alternatives were considered because the PUC was satisfied with existing easements. I said that sounded as though PUC had already made up its mind and would not study alternatives even though an extra 1-1/4 kilometres of line was inherently anti-environmental. I was assured by staff that changes to the "common elements" could still be made because the environmental assessment process was in early stages.

However, when I spoke at that meeting with Mr. Parrella about whether a shorter, greener, cheaper route was being considered he said no, because environment was paramount and encroachment on existing residential buildings was a major consideration though cost was also a factor. I pointed out that the old route in fact encroached more closely on more residential buildings than a route south of Third Line would. He disagreed.

The next day, May 27, I sent Mr. Parrella a note illustrated with satellite images similar to the ones attached here showing he was mistaken. I said the lines were approximate but demonstrate proof of concept providing a compelling argument for a closer look at the advantages of a shorter path, and invited him to point to flaws in my analysis before it went into the public record. More than week later there still is no reply disputing any points made, nor has there been any indication that a shorter alternative was or will be studied.

The closest the more-efficient southern route would come to any residences is:

- 50 metres north of an isolated residence east of Peoples Road (but there is more than 125 metres between this house and residences on the south side of Third Line so there is flexibility)
- 61 metres between two residences on the east side of Peoples Road
- 133 metres between isolated buildings east of Moss Road

The 50-year-old "common elements" route encroaches closely on five times as many homes:

- 80 metres between two residences on the east side of Old Goulais Bay Road
- 60 metres between two residences on the west side of Old Goulais Bay Road

- 38 metres between two residences on the east side of Peoples Road
- 41 metres between two residences on the west side of Peoples Road
- 45 metres between a residence on the west side of Brule Road and the middle of the existing easement
- 80 metres between two residences on the east side of Moss Road
- 65 metres between two residences on the west side of Moss Road
- 33 metres north of an isolated residence east of Goulais Avenue
- 83 metres between two residences on the east side of Goulais Avenue
- 49 metres between two residences on the west side of Goulais Avenue
- 50 metres between two residences on the north side of Third Line

The alternative southern portion through the uninhabited Fort Creek area offers flexibility. In the example it is drawn about 50 metres behind one residence on Third Line, similar to the distance the old route is from several homes north of Tallack Boulevard (especially on Kent Crescent), which Mr. Parrella said is no problem. Similarly, there is a lot of flexibility in the alternative path north of Chippewa street where the rough example line is more than 80 metres away from the nearest residence.

The path through the industrial property on the west side of Peoples Road would require some shifting of transmission lines and/or buildings to abide by the 10-metre minimum clearance.

It should also be noted that the old route extends largely through what the Sault Ste Marie Region Conservation Authority deems Medium Intrinsic Susceptibility of the aquifer, an important source of drinking water in the city. In fact, it either crosses or is very near a small area listed as High Intrinsic Susceptibility. The alternative southern route would be entirely in the Low Intrinsic Susceptibility zone. This may have bearing on drinking-water quality due to PUC maintenance of easements, particularly if herbicides or other noxious chemicals are used.

Summing up, exploring the shorter route is warranted for several environmental reasons:

- less encroachment on existing residences
- lower risk to the aquifer
- lower greenhouse gas emissions with the reduction of manufacture, transportation, installation and maintenance of about 1.2 km of line and poles
- long-term energy efficiency by avoiding an extra 1.2 km of perpetual line loss that would be doubled if and when electricity transmission is doubled for future industry.

Cost savings also favour the southern alternative. PUC Transmission LP says the proposed line would be approximately 14 km long and cost about \$100 million, which works out to \$7.1 million per kilometre or \$8.6 million for the extra 1.2 km of the old route. Some costs are not directly tied to specific site engineering, materials and installation, but cutting that in half would still mean saving about \$4 million using the shorter route.

This project should serve the people and industry of Sault Ste Marie well into the future. It is unconscionable to construct such an enduring and important project along an environmentally inferior route. Rather than staying stuck 50 years in the past when



ID#	DATE	NAME	COMMENTS FROM CALLER	COMMENTS TO CALLER	DATE RESPONDED AND BY WHO?
E28	06-Jun-22	John Flint	<p>environmental awareness was low, planners would be wise to look forward 50 years when environmental concern is likely to be even stronger than today.</p> <p>After attending the May 26, 2022 In-Person PIC #1 Details meeting, I spoke with several Allen's Side Road residents and we have decided to circulate a Petition to oppose the selection of the Allen's Side Road route and recommend that the Route #4 option be chosen.</p> <p>The main concern of the Residents was that 40 large majestic trees would have to be removed along the east side of Allen's Side Road south of the Second Line as well as countless other smaller ones in order to install the new power line.</p> <p>I have contacted the Great Lakes Forestry Center to acquire additional information on this unique stand of trees which have become a prominent west end community landmark for the past several decades.</p> <p>Also being looked into is having these trees designated as Heritage Trees with the Ontario Urban Forest Council.</p> <p>As well, following that process and in conjunction with the The Ontario Heritage Act, I have been in contact with our Ward 5 Councillor to request his assistance in having this matter presented to Council for their approval to have the trees in question protected under the Municipal Planning Act, as covered in Sections 135-141.</p> <p>Please advise as to whom, where and when the above mentioned Petition should be submitted to.</p> <p>I may be contacted at john.flint@shaw.ca or 705-945-0236 if required and again thank you for providing all the requested information in such a timely fashion.</p>	<p>Thank you for your email. Please submit the petition to my attention. An electronic copy would be sufficient for now. If we require the original hard copy, I will let you know.</p>	<p>06-June-22 - PUC responded as indicated.</p>



ID#	DATE	NAME	COMMENTS FROM CALLER	COMMENTS TO CALLER	DATE RESPONDED AND BY WHO?
E29	08-Jun-22	Brian Jennings	<p>Missed last weeks public information session as I was on vacation. Checked the web site and found little. Were there any minutes taken and or info from the meeting that you can share? Is PUC still proposing a summer information session?</p>	<p>Updated documentation is posted at this link: https://puctransmissionlp.com/project-plan/</p> <p>The presentation from the virtual information session that was held May 31st, which is essentially the same as the presentation boards that were on display at the in-person session on May 26th, is posted at this link as well as all the maps that were on display at the in-person session. Please see Map 3 for proposed pole locations relative to your property (clip from Map 3 included below for reference)</p> <p>The easement is identified in light yellow shading and the pole locations are shown as green dots. Let me know if you have any concerns with the proposed location. There is some latitude to move the location along the easement, but it would have to remain in the middle of the easement width.</p> <p>Yes, there will be a second Public Information Session (both in-person and virtual) later this summer, around the end of July or early August. You will be notified of the date, time and location, both by mail and email.</p> <p>Let me know if I can provide anything further.</p>	08-June-22 - PUC responded as indicated.
E30	09-Jun-22	Brian Jennings	<p>Thank you for the quick response and the attached link to the project. Somehow I missed that on the website. Was hoping that the pole placement would be staggered about the centre line of Old Goulais Bay eliminating the view of the poles. (Similar to Brule Rd.) Guessing there will be no underground service trenches on the project. Is there a typical section of the lines at the pole locations showing number of lines and offset to property lines?</p>	<p>Sorry, I don't have a cross-section drawing, but I note that the PUC easement is 125 feet in width and that the powerline would be placed at the center of the easement width. As I mentioned, there is some latitude to move the pole location along the easement length in the area of your house. This can be considered in more detail when we get to the detailed engineering phase (over the next month or two). I can confirm however, there will not be any underground service trenches associated with this. I will discuss your request with WSP and get back to you with a more detailed drawing to discuss your preferred pole location with you in more detail.</p> <p>Also, I may have already mentioned this, but the steel poles will resemble the single steel poles on Second Line east of North St. as in the GoogleEarth image below.</p> <p>Let me know if I can provide anything further.</p>	14-June-22 - PUC responded as indicated.



ID#	DATE	NAME	COMMENTS FROM CALLER	COMMENTS TO CALLER	DATE RESPONDED AND BY WHO?
E31	11-Jun-22	John Halucha	<p>Thank you for your generous invitation to participate in a hour-long virtual meeting with you and apparently members of your team to discuss comments I submitted June 5 for the Environmental Assessment public record. However, I am uncomfortable at the imposition on your valuable time along with the format and humbly decline.</p> <p>As detailed in my June 5 note, it appears a shorter, more-direct transmission line would be better on every environmental parameter in the immediate term and in the long term. In addition, as outlined, the direct option promises to provide net cost savings. I hope that your undertaking to do a thorough review and consideration of the points I raised will result in a shorter, greener and cheaper route being explored without further delay.</p> <p>If PUC Transmission LP remains single-mindedly dedicated to the 50-year-old plan then an explanation would be welcome when you provide the comprehensive response to my questions and comments to which you committed. Since you were prepared to meet virtually on June 15, I trust it will not be a problem to send an email by then.</p>	<p>Thank you for the alternative route suggestion.</p> <p>We reviewed your proposed route and have determined that it is not feasible due to property impacts and technical constraints. This is primarily because the aerial imagery on which your route was depicted is outdated and current imagery of the area looks quite different.</p> <p>The image below shows the area of most concern along your alternate route. This is the area of Sherbrook Drive and Peoples Road.</p> <p>To further investigate this area, D Parrella visited the site to verify the current status of residential development in the area and found that it is now almost fully developed. As such, we prepared the summary image below noting current development not shown on the map that you had provided.</p> <p>As shown in the above images, based on the degree of current housing development and other restrictions, we have determined that the newly proposed alternate route is not feasible.</p> <p>As well, the proposed common elements route presented at PIC #1 is, to a large extent, clear of trees and vegetation that would need to be cleared to accommodate the powerline. This newly proposed route would require significantly more vegetation and tree clearing, which is one of the factors being taken into consideration in the Class Environmental Assessment (EA).</p> <p>We can confirm that all of your comments will be included in the Public Information Centre #1 Summary Report and in the consultation summary of the Environmental Study Report.</p> <p>We very much appreciate your input and will be happy to answer any additional questions that you might have.</p>	<p>11-June-22 - PUC responded as indicated.</p> <p>-----</p> <p>17-June-22 -WSP responded as indicated.</p>

EA Website Inquiries



ID#	DATE	NAME	COMMENTS FROM CALLER	COMMENTS TO CALLER	DATE RESPONDED AND BY WHO?
W1	01-Apr-22	Kyle McNichol	<p>Four issues I can think of immediately . I live in the 500 m radius. 1. A 230 KV line gives off radiation levels not safe for human exposure. A distance of 300 ft is considered a “safe zone”. I cannot believe that a line like this is being run in a new subdivision I need to be notified of proper safety distances and what this will do to my families health and environmental well being ? 2. My home value is going to drop. I want to know what your response is to lowering home values in one of the newest subdivisions in the city. 3. I pay some of the highest taxes in the city. Will our taxes be adjusted based on this electrical exposure ? Will PUC BE REIMBURSING ME for my high tax rate when I live beside this line ? 4. Power bumps ? How much will this tie in with Algoma steel and effect our reliable power supply ?</p>	<p>Thank you for your interest in the Minor Transmission Class Environmental Assessment for PUC Transmission LP’s proposed new 230 kV Transmission line and station. The powerline is proposed for construction along the black line shown on the Study Area map that you received (copy attached for reference). The northerly black line route is contained within PUC easements that are already in place. This is well north of the Greenfield Subdivision.</p> <p>Health Canada provides information and guidance on electric and magnetic fields (EMFs) at extremely low frequencies (ELFs) – i.e. 60 Hz. powerline frequencies – at this link; https://www.canada.ca/en/health-canada/services/health-risks-safety/radiation/everyday-things-emit-radiation/power-lines-electrical-appliances.html</p> <p>Please see the attached information pamphlet from Health Canada that includes the following statement at the center-bottom of page 2: “Health Canada does not consider that any precautionary measures are needed regarding daily exposures to EMFs at ELFs. There is no conclusive evidence of any harm caused by exposures at levels found in Canadian homes and schools, including those located just outside the boundaries of power line corridors.”</p>	<p>14-Apr-22 - PUC responded as noted and included a copy of the Health Canada fact sheet.</p>
W2	04-Apr-22	John Yukich	<p>what are the health issues for this plan to people in Bayview .I see where in that circle.</p>	<p>Thank you for your interest in the Minor Transmission Class Environmental Assessment for PUC Transmission LP’s proposed new 230 kV Transmission line and station. Health Canada provides information and guidance on electric and magnetic fields (EMFs) at extremely low frequencies (ELFs) – i.e. 60 Hz. powerline frequencies – at this link; https://www.canada.ca/en/health-canada/services/health-risks-safety/radiation/everyday-things-emit-radiation/power-lines-electrical-appliances.html</p> <p>Please see the attached information pamphlet from Health Canada that includes the following statement at the center-bottom of page 2: “Health Canada does not consider that any precautionary measures are needed regarding daily exposures to EMFs at ELFs. There is no conclusive evidence of any harm caused by exposures at levels found in Canadian homes and schools, including those located just outside the boundaries of power line corridors.”</p>	<p>14-Apr-22 - PUC responded as noted and included a copy of the Health Canada fact sheet.</p>

ID#	DATE	NAME	COMMENTS FROM CALLER	COMMENTS TO CALLER	DATE RESPONDED AND BY WHO?
W3	04-Apr-22	Kyle Palaro	Hey there, I'm very curious about the structure/tower style. Is it possible to see proposed pictures/design. Thank you.	Thank you for your interest in the Minor Transmission Class Environmental Assessment for PUC Transmission LP's proposed new 230 kV Transmission line and station. Detailed drawings are not available yet as the project is in the early stages of planning. However, the Google StreetView clip below provides an example of the type of steel mono-pole that is planned for use on this project. This image is taken on Second Line immediately east of North Street. Also, attached are preliminary pole specification drawings, as contemplated at this time, for your information.	18-Apr-22 - PUC responded as noted and included a simplified copy of the 230 kV line pole design drawings.
W4	05-Apr-22	Pamela Carson	What steps are being taken to ensure that there will not be impact to wildlife or residential subdivisions?	Thank you for your email and for your interest in PUC's Class Environmental Assessment Study for the 230 kV Transmission Project in Sault Ste. Marie, Ontario. As part of the Class Environmental Assessment process, several criteria will be considered and evaluated as part of this route alternative selection process. These criteria typically include natural environment, socio-economic environment, and cultural heritage environment components. These criteria will typically consider the impacts to components such as wildlife species and habitat, as well as proximity to residences and businesses. Further information on these criteria and the work being undertaken will be further discussed at Public Information Centre #1 that is currently planned for May 2022. For up-to-date information on open houses or the status of the project, please sign up for our mailing list at www.PUCTransmissionLP.com . Please let us know if you have any further questions.	27-Apr-22 - PUC responded as noted.
W5	06-Apr-22	Robert Christopher Cormier	In looking at the study map, which property are you planning to cross between Moss Road and Goulais Avenue?	Thank you for your interest in the Minor Transmission Class Environmental Assessment for PUC Transmission LP's proposed new 230 kV Transmission line and station. The image below, taken from GoogleEarth, shows the approximate location of the proposed powerline, which is represented by the yellow line. The PUC holds easements for a powerline corridor, 125 feet in width, through this area. The yellow line is approximately along the center line of those easements.	19-Apr-22 - PUC responded as noted.
W6	06-Apr-22	Sue	I went to the mailing list and provided my email address as requested. I then hit the subscribe button ... and nothing happened. There was no confirmation that I had been successful in my quest. Does this lack of confirmation indicate that I made an error or that this portal is not actually functioning?	Thank you for your interest in the Minor Transmission Class Environmental Assessment for PUC Transmission LP's proposed new 230 kV Transmission line and station in the City of Sault Ste. Marie. This is to confirm receipt of your message, you have been added to the mailing list. There was a problem with the input form which has been corrected.	19-Apr-22 - PUC responded as noted.

ID#	DATE	NAME	COMMENTS FROM CALLER	COMMENTS TO CALLER	DATE RESPONDED AND BY WHO?
W7	07-Apr-22	Rob DiRenzo	What are the dates of the virtual and in-person open houses? Will the line be installed under ground or above ? Can you provide an pic and description of a similar tower if applicable? thanks Rob.	<p>Thank you for your interest in the Minor Transmission Class Environmental Assessment for PUC Transmission LP's proposed new 230 kV Transmission line and station in the City of Sault Ste. Marie.</p> <p>The in-person open house will be held May 26th at the West End Community Centre, 556 Goulais Ave, from 4:30 to 7:30 pm. The virtual open house will be May 31st from 4:30 to 7:30 pm.</p> <p>The powerlines are proposed to be installed overhead. The image below, taken from GoogleStreetView, provides an example of the type of steel monopole that is planned for use on this project. This image is taken on Second Line immediately west of North Street.</p> <p>For up-to-date information on open houses or the status of the project, please sign up for our mailing list at www.PUCTransmissionLP.com</p>	19-Apr-22 - PUC responded as noted.
W8	07-Apr-22	Steve St. Jean	I live on Brookfield Ave. and I notice on the route option map as per option 4 (green) concerns me as this follows almost wholly on Conservation right of way which is directly behind my residence. The question I have is would this be an above ground (on poles) application or buried, there are currently no above ground lines on any of that proposed route and I think that if this is the plan that it would be a terrible eye sore as well as a hazard to the abundant wildlife and birds that use that area. Are the options in a preferred order by number Steve St. Jean	<p>Thank you for your interest in the Minor Transmission Class Environmental Assessment for PUC Transmission LP's proposed new 230 kV Transmission line and station. Health Canada provides information and guidance on electric and magnetic fields (EMFs) at extremely low frequencies (ELFs) – i.e. 60 Hz. powerline frequencies – at this link; https://www.canada.ca/en/health-canada/services/health-risks-safety/radiation/everyday-things-emit-radiation/power-lines-electrical-appliances.html</p> <p>Please see the attached information pamphlet from Health Canada that includes the following statement at the center-bottom of page 2: "Health Canada does not consider that any precautionary measures are needed regarding daily exposures to EMFs at ELFs. There is no conclusive evidence of any harm caused by exposures at levels found in Canadian homes and schools, including those located just outside the boundaries of power line corridors." The various route options are not listed in any specific order or preference. The powerline is proposed to be installed overhead.</p> <p>The image below, taken from GoogleStreetView, provides an example of the type of steel monopole that is planned for use on this project. This image is taken on Second Line immediately west of North Street.</p> <p>For up-to-date information on open houses or the status of the project, please sign up for our mailing list at www.PUCTransmissionLP.com</p>	21-Apr-22 - PUC responded as noted and included a copy of the Health Canada fact sheet.

ID#	DATE	NAME	COMMENTS FROM CALLER	COMMENTS TO CALLER	DATE RESPONDED AND BY WHO?
W9	07-Apr-22	Kathryn Fleming	It's hard to tell where this route goes on Winfield Drive, without labelling of the actual streets and lots, can you elaborate on that?	<p>Thank you for your interest in the Minor Transmission Class Environmental Assessment for PUC Transmission LP's proposed new 230 kV Transmission line and station in the City of Sault Ste. Marie.</p> <p>The image below, taken from Google Earth, indicates the proposed location of the "green line" option shown on the Study Map (represented here by the yellow line) which is about 330 meters west of the end of Winfield Drive.</p> <p>For up-to-date information on open houses or the status of the project, please sign up for our mailing list at www.PUCTransmissionLP.com</p>	19-Apr-22 - PUC responded as noted.
W10	11-Apr-22	Geoffrey Alfred Truscott	<p>Question1: Are the current plans to replace existing poles along the planned route on Allen's side road with the new steel poles or are there additional poles to be installed.</p> <p>Question 2: if the answer to #1 above is additional poles, will these poles be placed on existing right of ways</p>	<p>Thank you for your interest in the Minor Transmission Class Environmental Assessment for PUC Transmission LP's proposed new 230 kV Transmission line and station in the City of Sault Ste. Marie.</p> <p>For the potential route option along Allens Side Road within your area, the proposal would be to install new steel poles along the east side of the road within the municipal road right-of-way.</p> <p>The image below, taken from Google StreetView, provides an example of the type of steel monopole that is planned for use on this project. This image is taken on Second Line immediately west of North Street.</p> <p>For up-to-date information on open houses or the status of the project, please sign up for our mailing list at www.PUCTransmissionLP.com</p>	19-Apr-22 - PUC responded as noted.



ID#	DATE	NAME	COMMENTS FROM CALLER	COMMENTS TO CALLER	DATE RESPONDED AND BY WHO?
W11	18-Apr-22	Allan Frederick	Will there be any benefits to PUC distribution customers, to shareholders. How is debt structured What is expected rate of return on investment subject to OEB approval	<p>Thank you for your interest in the Minor Transmission Class Environmental Assessment for PUC Transmission LP's proposed new 230 kV Transmission line and station in the City of Sault Ste. Marie.</p> <p>This proposed transmission project may provide benefit to PUC Distribution customers in the near future. PUC Transmission's current station design includes the ability to provide several 34.5 kV feeders for PUC Distribution. These feeders will provide new 34.5 kV source in the westerly area of the city that will facilitate the LDC's reconstruction of its existing transformer stations.</p> <p>PUC Transmission is partnering with Axium Infrastructure Inc. to finance the project. However, the final debt structure is yet to be determined.</p> <p>The rate of return will be determined once the OEB approves PUC Transmission's cost of service application, which is anticipated to be filed and approved prior to the in-service date of December 2024.</p> <p>For up-to-date information on open houses or the status of the project, please sign up for our mailing list at www.PUCTransmissionLP.com</p>	20-Apr-22 - PUC responded as noted.



ID#	DATE	NAME	COMMENTS FROM CALLER	COMMENTS TO CALLER	DATE RESPONDED AND BY WHO?
W12	21-Apr-22	Dennis Gagne	<p>I am writing this email today in regard to the 230kv line that is planned to go through my property at 840 Third Line West in Sault Ste Marie, Ontario. As a Father, Husband, Property owner, and resident I have the following concerns: These are health concerns taken from epidemiological studies done on living near high voltage lines</p> <p>Short Term Headaches Fatigue Anxiety Insomnia Prickling/burning skin Rashes Muscle pain</p> <p>Long Term Leukemia Brain Tumours i.e. Glioblastoma DNA Damage Neurodegenerative Disease i.e. Alzheimers, Parkinsons Heart Arrhythmia Tinnitus</p> <p>Some other concerns Significantly reduces property value due to fear of negative health effects, unpleasant view of 40m steel post, and constant hum from 230kv line. The property will be rendered useless. I will be paying taxes on nearly 4 acres of land that I can no longer use. I have received permits to develop that part of that land and work was done. Just last year a large section was rototilled to enhance the agriculture. My family's quality of life is going to be affected by this These are some of the concerns that I have. Please reply via this email address. If there is anyone else that should be receiving this email please let me know.</p>	<p>Apologies for the delay in responding, it is our objective to respond to all inquiries within 10 business days. Thank you for your feedback in relation to the Minor Transmission Class Environmental Assessment for PUC Transmission LP's proposed new 230 kV transmission line and station. Health Canada provides information and guidance on electric and magnetic fields (EMFs) at extremely low frequencies (ELFs) – i.e. 60 Hz. powerline frequencies – at this link; https://www.canada.ca/en/health-canada/services/health-risks-safety/radiation/everyday-things-emit-radiation/power-lines-electrical-appliances.html Please see the attached information pamphlet from Health Canada that includes the following statement at the center-bottom of page 2: "Health Canada does not consider that any precautionary measures are needed regarding daily exposures to EMFs at ELFs. There is no conclusive evidence of any harm caused by exposures at levels found in Canadian homes and schools, including those located just outside the boundaries of power line corridors." Please note, the only restriction related to use of the easement lands is that no permanent buildings that are subject to the Ontario Building Code are permitted within the easement boundaries and that access to power poles must not be impeded.</p>	4-May-22 - PUC responded as noted.



ID#	DATE	NAME	COMMENTS FROM CALLER	COMMENTS TO CALLER	DATE RESPONDED AND BY WHO?
W13	22-Apr-22	Carol Irvine	Hi; This letter is in regard to the Notice of Study Commencement Class Environmental Assessment Study for the 230kV Transmission Project. I would very much like to make my choice known. I choose route 4(the green line) that would go through the vacant, wooded property along Allen's Side Road as my first choice. My second choice would be route 1(the orange line) that goes along Allen's Side Road. As for the station; I choose option 2. This is to supply Algoma Steel ASI EAF Station and should be nearest that location.	Thank you for your interest in the Minor Transmission Class Environmental Assessment for PUC Transmission LP's proposed new 230 kV Transmission line and station in the City of Sault Ste. Marie. This is to confirm receipt of your message. Your comments have been noted and will be taken into consideration in completing this study. For up-to-date information on open houses or the status of the project, please sign up for our mailing list at www.PUCTransmissionLP.com	28-Apr-22 - PUC responded as indicated.

W14	25-Apr-22	John Halucha	<p>Dear PUC Transmission LP Project Team,</p> <p>Thank you for your response to the email I sent Mr. Parrella April 6. Thank you also for your invitation to sign up for your mailing list. Please note that I did sign up for it April 1. I would be grateful if you could send a note to verify that this address, from which I wrote to Mr. Parrella and from which I am replying today, is on that mailing list because I am interested in both the in-person and virtual information sessions.</p> <p>When you refer to “existing PUC easements that have been in place since the early 70’s for eventual construction of such a powerline” are you saying this stretch is a fait accompli and is not part of the current EA? If so, I do not recall any public consultation for that section and am asking for documentation of any EA process connected to it. Since the first Public Information Centre / Open House will be held in person late in May, I would appreciate a timely response so that I can meaningfully engage and be consulted as part of the EA process.</p> <p>Because time is of the essence, it would be most efficient if you could share this documentation electronically. However, if the post is your best option then you could send it to. Your explanation that the “black line” of existing PUC easements “represents the most cost-effective way to reach the west end of the city” is puzzling. As I said in my email to Mr. Parrella, the round-about path seems to be some 1200 metres longer than a direct route. Your own web site estimates that poles will be approximately 200 metres apart, which means at least an extra six or seven towers that would need to be manufactured, installed and maintained. It also means an extra 1200 metres of multiple wires that would need to be manufactured, installed and maintained. Please explain how using the round-about proposal would be more “cost-effective”.</p> <p>Moreover, since environmental concerns are presumably the focus of an Environmental Assessment such as this, please explain how manufacture, transport, installation and maintenance of these extra towers and lines is more environmentally friendly than a direct route. Also, please outline how much perpetual extra line loss there would in the extra 1200 metres of lines, showing how much per line and how many lines are planned for this initial 300 MW stage and how many would be needed for an additional 300 MW in the future. Such line loss seems to be a waste of energy and contrary to environmental considerations, so please explain how the round-about route is environmentally superior as well as more cost-effective.</p> <p>If the lines are to resemble the lines your web site cites on Lyons Avenue, why could they not run directly along Third Line west to Allens Sideroad? Does the PUC not have easements for existing PUC lines on that route? Surely a thorough Environmental Assessment should include alternatives to the existing round-about PUC easement, including along Third Line and another route through mostly undeveloped lands south of Third Line. Your response does not indicate whether such routes were considered by the PUC Transmission LP Project Team. Clarification would be appreciated.</p> <p>The round-about route includes wetlands under Sault Ste Marie Region Conservation Authority (SSMRCA) Administration of Ontario Regulation 176/06, including a stream, beaver pond and beaver dam mid-way between Goulais Avenue and Allens Sideroad where the east-west portion turns south to cross Third Line. In your package for me, could you please include any SSMRCA input into the Environmental Assessment, whether in the 1970s or the current EA process or at any time between. I am confident you will expedite this information under the tight time line you described, but will contact SSMRCA directly as well.</p>	<p>By way of this email, we confirm that john.halucha@outlook.com is on the mailing list. Please note that all proposed routes are included in this EA process. The existing easements that run across the northerly area of the city comprise part of the common element route (the black lines) that are common to all coloured line options.</p> <p>In order to replace the northerly route (as represented with the black line), extensive quantities of new easements would be required. PUC’s real estate representatives will work closely with directly impacted property owners to acquire easements that would affect their property. As such, the existing PUC easements provide the most feasible option at this time. This will be discussed further at PIC #1, which is planned for the end of May.</p> <p>The study team will consider a number of factors in assessing the preferred route, line losses will be one of those factors. This will be discussed further at PIC #1, which is planned for the end of May. PUC does not have easements along existing municipal road rights-of-way since distribution lines on the streets do not require additional building clearances to the extent that 230 kV transmission lines do. The comments above regarding the cost of acquiring such easements apply here as well.</p> <p>Please note that electrical transmission lines are not incompatible with conservation lands or associated uses. We do not have any input that SSMRCA provided in the 1970s; however, please find attached the comments provided by SSMRCA as part of this EA. These comments will also be included as part of the Consultation Record that will be developed in the later stages of this project.</p>	5-May-22 - PUC responded as noted.
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ID#	DATE	NAME	COMMENTS FROM CALLER	COMMENTS TO CALLER	DATE RESPONDED AND BY WHO?
W15	09-May-22	Dennis Gagne	<p>I have read the information you have sent and the effects or lack of effects from living near EMF/ELF sources is not 100% conclusive either way. See below.</p> <p>"In the past 30 years the concern that daily exposure to extremely low-frequency magnetic fields (ELF-EMF) (1 to 300 Hz) might be harmful to human health (cancer, neurobehavioral disturbances, etc) has been the object of debate, and has become a public health concern. This has resulted in the classification of ELF-EMF into category 2B, ie, agents that are "possibly carcinogenic to humans" by the International Agency for Research on Cancer."</p> <p>The placement of the 40m metal pole is also a concern and the "hum" that I mentioned earlier was not mentioned in the reply. Nor was the property value and taxes.</p>	<p>Thank you for your feedback in relation to the Minor Transmission Class Environmental Assessment for PUC Transmission LP's proposed new 230 kV transmission line and station.</p> <p>Information provided by Health Canada at this link (https://www.canada.ca/en/health-canada/services/health-risks-safety/radiation/everyday-things-emit-radiation/power-lines-electrical-appliances.html#a) includes the following:</p> <p>Your comments regarding property value impacts have been noted and will be considered as part of the decision-making process.</p> <p>Please note, as mentioned earlier, the property underneath the transmission line and within the limits of the easements, with the exception of where poles are being proposed, can continue to be used for agricultural purposes or any other use that does not involve permanent buildings subject to the Ontario Building Code.</p> <p>Also, typically there will be negligible hum or buzz audible from the transmission line. There may be a faint hum during wet weather conditions, however any hum that may result is not expected to be noticeable within your home.</p>	26-May-22 - PUC responded as noted.

ID#	DATE	NAME	COMMENTS FROM CALLER	COMMENTS TO CALLER	DATE RESPONDED AND BY WHO?
W16	15-May-22	John Halucha	<p>Thank you for confirmation that this address is on your mailing list. Please note that I have not yet received direct notice of your Public Information Centre #1 scheduled for May 26, 2022, as published in your Sault Star advertisement May 12, 2022.</p> <p>You write, "The existing easements that run across the northerly area of the city comprise part of the common element route (the black lines) that are common to all coloured line options." Does this mean that the existing easements (the black lines) are subject to this EA?</p> <p>I am disappointed that you are not able to tell me why manufacture, transport, installation and maintenance of an extra 1200 metres of towers and lines is more environmentally friendly than a direct route and how much perpetual extra line loss there would be, in advance of the public information centre. With respect, the response, "The study team will consider a number of factors in assessing the preferred route, line losses will be one of those factors." is not substantive.</p> <p>Thank you for sharing the input from SSMRCA. I would still be grateful to know how close the proposed line route would be to the stream, beaver pond and beaver dam mid-way between Goulais Avenue and Allens Sideroad where the east-west portion turns south to cross Third Line. According to Google Earth, the dam is at 46°33' N, 84°23' W.</p> <p>Depending on how precise your published map is, it appears that the route would be very near if not directly over the stream, dam and pond. In anticipation of that, I have been in contact with the Ministry of Northern Development, Mines, Natural Resources and Forestry to ask if it is giving input into this EA. I am still awaiting a fulsome response to questions that I raised with NDMNRF but any clarification you could provide in advance of the May 26 session would be greatly appreciated</p>		Response not required since inquiry was addressed in other correspondence.
W17	19-May-22	Gary Schryer	<p>Hello, I live on Kent Crescent and the new high voltage lines will be run behind our property. I plan to attend the Zoom session on May 31, but the two questions I have are: 1. How far away from my property line will the new power lines be constructed? I have plans to construct a garage in my back yard in the next few years and I am concerned that the location I want to build may become limited due to minimum clearance requirements to overhead power lines described in the Ontario Building Code. 2. Are there plans to construct a maintenance road or access road for the power lines? I do not have great access to my back yard to store my travel trailer in winter and I'm curious if there is an opportunity to have an access road brought in from Peoples Road that would give my neighbours and I access to our rear yards.</p>	<p>Apologies for the delay in responding, it is our objective to respond to all inquiries within 10 business days.</p> <p>Further details, including the presentation that was provided during the virtual meeting on May 31st and detailed maps of the project, are provided at this link: https://puctransmissionlp.com/project-plan/</p> <p>Map 4 provides details on the location of the proposed powerline relative to your property. An extract of Map 4 is provided below for your reference. The line is proposed approximately 18 meters north of your northmost property line. This will not impact any construction on your property under the Building Code.</p> <p>With regards to your question about an access road – yes, an access road for construction and ongoing maintenance of the powerline is proposed from Peoples Road along the easement. The road is proposed to be more of a cross-country trail than a roadway. It will likely not be of any use for access to the rear lots of abutting properties.</p> <p>Let us know if we can provide anything further.</p>	6-June-22 - PUC responded as noted.

W18	05-Jun-22	John Halucha	<p>John Halucha writes, PUC (Transmission) LP is doggedly defending a round-about northern section to link the Third Line Hydro One substation with Algoma Steel, refusing to consider a shorter and greener alternative to the route chosen 50 years ago. This will create extra environmental damage during construction in addition to wasting energy every day that a needlessly long line delivers electricity to Algoma Steel and perhaps other industry over the next century or longer. PUC (Transmission) LP has set a tight timeline for environmental assessment of this vital infrastructure but has squandered two months of opportunity to study a shorter route south of Third Line, drawn to their attention multiple times beginning April 6, 2022. On that date, I responded to the Notice of Study Commencement by emailing the undersigned Dominic Parrella, Executive Lead, Special Projects PUC Transmission LP: "I am curious why PUC Transmission LP has chosen a route that veers north rather than taking a more direct course to Algoma Steel: from the Third Line Hydro Station south across Third Line for perhaps 50 to 200 metres, then directly west to meet up with the published proposed route mid-way between Goulais Avenue and Allens Sideroad. By my rough reckoning, this would save some 1200 metres. Using your information that the proposed route would be approximately 14 km, this more-direct path would be about 12.8 km. Why would PUC want to add almost 10 per cent to the length of the line with commensurate extra initial construction costs, ongoing maintenance costs, and wasteful line losses for as long as these cables carry huge amounts of electricity to Algoma Steel?" I did not get a response from Mr. Parrella but 18 days later, April 24, "PUC Transmission LP Project Team" replied that: "The study team will consider a number of factors in assessing the preferred route, line losses will be one of those factors. This will be discussed further at PIC #1, which is planned for the end of May." When I asked Mr. Parrella about it at the May 26 meeting, he said those calculations had not been done. However, he did verify that if and when electricity use doubled for future industrial development, those extra line losses would double also. PUC Transmission LP Project Team also said on April 24 that the "common element" line drawn in black on their map "is covered by existing PUC easements that have been in place since the early 70's for eventual construction of such a powerline. Therefore, the black line represents the most cost-effective way to reach the west end of the city." I replied the next day to ask whether that northerly portion was a fait accompli and had already been subject to an EA process of which I was unaware, and added: "Your own web site estimates that poles will be approximately 200 metres apart, which means at least an extra six or seven towers that would need to be manufactured, installed and maintained. It also means an extra 1200 metres of multiple wires that would need to be manufactured, installed and maintained. Please explain how using the round-about proposal would be more "cost-effective". Moreover, since environmental concerns are presumably the focus of an Environmental Assessment such as this, please explain how manufacture, transport, installation and maintenance of these extra towers and lines is more environmentally friendly than a direct route. Also, please outline how much perpetual extra line loss there would in the extra 1200 metres of lines ..." It wasn't until May 5 that PUC Transmission LP Project Team responded, "Please note that all proposed routes are included in this EA process. The existing easements that run across the northerly area of the city comprise part of the common element route (the black lines) that are common to all coloured line options." If that meant the PUC considered the old path a "proposed route" subject to this EA, alternatives should still be open to study. The May 5 note continued, "In order to replace</p>	<p>Note: this message from Mr Halucha is the same message sent to Jeremiah Pariag June 5 and responded to on June 17. See Email Inquires tab item E25 for details.</p>	<p>17-Jun-22- WSP responded as indicated in E25, Email Inquires tab.</p>
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the northerly route (as represented with the black line), extensive quantities of new easements would be required. PUC's real estate representatives will work closely with directly impacted property owners to acquire easements that would affect their property. As such, the existing PUC easements provide the most feasible option at this time. This will be discussed further at PIC #1, which is planned for the end of May." When I sought clarification at the May 26 PIC #1, staffers told me that the "common elements" route is subject to this environmental assessment but no alternatives were considered because the PUC was satisfied with existing easements. I said that sounded as though PUC had already made up its mind and would not study alternatives even though an extra 1-1/4 kilometres of line was inherently anti-environmental. I was assured by staff that changes to the "common elements" could still be made because the environmental assessment process was in early stages. However, when I spoke at that meeting with Mr. Parrella about whether a shorter, greener, cheaper route was being considered he said no, because environment was paramount and encroachment on existing residential buildings was a major consideration though cost was also a factor. I pointed out that the old route in fact encroached more closely on more residential buildings than a route south of Third Line would. He disagreed. The next day, May 27, I sent Mr. Parrella a note illustrated with satellite images showing he was mistaken. I said the lines were approximate but demonstrate proof of concept providing a compelling argument for a closer look at the advantages of a shorter path, and invited him to point to flaws in my analysis before it went into the public record. More than week later there still is no reply disputing any points made, nor has there been any indication that a shorter alternative was or will be studied. The closest the more-efficient southern route would come to any residences is: - 50 metres north of an isolated residence east of Peoples Road (but there is more than 125 metres between this house and residences on the south side of Third Line so there is flexibility) - 61 metres between two residences on the east side of Peoples Road - 133 metres between isolated buildings east of Moss Road The 50-year-old "common elements" route encroaches closely on five times as many homes: - 80 metres between two residences on the east side of Old Goulais Bay Road - 60 metres between two residences on the west side of Old Goulais Bay Road - 38 metres between two residences on the east side of Peoples Road - 41 metres between two residences on the west side of Peoples Road - 45 metres between a residence on the west side of Brule Road and the middle of the existing easement - 80 metres between two residences on the east side of Moss Road - 65 metres between two residences on the west side of Moss Road - 33 metres north of an isolated residence east of Goulais Avenue - 83 metres between two residences on the east side of Goulais Avenue - 49 metres between two residences on the west side of Goulais Avenue - 50 metres between two residences on the north side of Third Line The alternative southern portion through the uninhabited Fort Creek area offers flexibility. In the example it is drawn about 50 metres behind one residence on Third Line, similar to the distance the old route is from several homes north of Tallack Boulevard (especially on Kent Crescent), which Mr. Parrella said is no problem. Similarly, there is a lot of flexibility in the alternative path north of Chippewa street where the rough example line is more than 80 metres away from the nearest residence. The path through the industrial property on the west side of Peoples Road would require some shifting of transmission lines and/or buildings to abide by the 10-metre minimum clearance. It should also be noted that the old route extends largely through what the Sault Ste Marie Region Conservation Authority deems Medium Intrinsic Susceptibility of the aquifer, an important source of drinking water in the city. In fact, it either crosses or is very near a small area listed as High Intrinsic Susceptibility. The



ID#	DATE	NAME	COMMENTS FROM CALLER	COMMENTS TO CALLER	DATE RESPONDED AND BY WHO?
			<p>alternative southern route would be entirely in the Low Intrinsic Susceptibility zone. This may have bearing on drinking-water quality due to PUC maintenance of easements, particularly if herbicides or other noxious chemicals are used. Summing up, exploring the shorter route is warranted for several environmental reasons: - less encroachment on existing residences - lower risk to the aquifer - lower greenhouse gas emissions with the reduction of manufacture, transportation, installation and maintenance of about 1.2 km of line and poles - long-term energy efficiency by avoiding an extra 1.2 km of perpetual line loss that would be doubled if and when electricity transmission is doubled for future industry. Cost savings also favour the southern alternative. PUC Transmission LP says the proposed line would be approximately 14 km long and cost about \$100 million, which works out to \$7.1 million per kilometre or \$8.6 million for the extra 1.2 km of the old route. Some costs are not directly tied to specific site engineering, materials and installation, but cutting that in half would still mean saving about \$4 million using the shorter route. This project should serve the people and industry of Sault Ste Marie well into the future. It is unconscionable to construct such an enduring and important project along an environmentally inferior route. Rather than staying stuck 50 years in the past when environmental awareness was low, planners would be wise to look forward 50 years when environmental concern is likely to be even stronger than today. John Halucha</p>		

W19	18-Jun-22	John Halucha	<p>Thank you for addressing some of the concerns that I posted for the public record June 5, 2022 to https://puctransmissionlp.com/submit-a-question/ and emailed the same day to Jeremiah Pariag with copies to Dominic Parrella and Katie Elliott. However, several aspects of my June 5 message have been missed in your reply, perhaps because it is not to my message submitted for the record June 5 but to a partial preview I sent as a courtesy to Mr. Parrella's personal attention on May 27. Another explanation might be that PUC Transmission LP is tacitly accepting the accuracy of all points that it has ignored. Before earlier comments and questions not yet addressed by PUC Transmission LP are itemized, has another alternative route yet been considered more or less as sketched in PUC 230 kV alternative route2.jpg, attached: following existing PUC large-line easements from the Hydro One Third Line Station south along Sackville Road to Second Line, then west along Second Line either on the south side where there are no residences (preferred) or the north side as an option, then south along Carmen's Way (either side; I have drawn it on the west side here) and across rail and industrial properties to Station Option 2 near Algoma Steel.</p> <p>This direct route has many minor adjustments readily available to avoid impediments that PUC Transmission LP experts may identify. It also has so many advantages that PUC Transmission LP should be motivated to make accommodations such as expanding existing easements or acquiring new easements if needed: a) A length of less than 7 km, roughly half the 14 km using the round-about old path plus one of the Options. b) Very little, if any, existing residential construction encroached; certainly much less than using the old northern route. c) No need to further explore Options 1 through 4, all of which involve encroaching on yet more existing residential construction in addition to possible future residential development. Also, the need for many new easements along any of those Option routes would be avoided, saving much time and expense. d) Reduced compromise of aquifer safety that the old northern route threatens. In light of these advantages, references to the 1.2 km of transmission line savings under the first alternative proposal are amended below to 7 km. It seems so obviously and vastly superior that I have no explanation why I did not propose it in the first place. I appreciate that Mr. Parrella personally visited the Sherbrook Drive - Peoples Road site and prepared an update, but am disappointed that many of my points were not addressed despite Mr. Parrella's June 8 assurance of "thorough review and consideration of the points you raise ... We will provide a comprehensive response to your questions and comments as soon as possible." I have used a numbered format here with hope it will assist you to satisfy that assurance.</p> <p>1a. Does PUC Transmission LP acknowledge that manufacturing, transporting, installing and maintaining 7 km of extra lines and poles would produce extra greenhouse gases, contrary to the stated purpose of substantial public investment in switching Algoma Steel to electric steelmaking? 1b. While environmental considerations have been termed paramount, PUC has said that cost is a factor. Does PUC Transmission LP acknowledge that manufacturing, transporting, installing and maintaining 7 km of extra lines and poles means extra costs in the immediate construction phase and for as many decades as the transmission line is in service? 1c. Does PUC Transmission LP acknowledge that these cost savings could be applied to mitigate any costs of developing a shorter and greener route? 2. Mr. Parrella has already acknowledged that an extra 1.2 kilometres of transmission line means extra line losses in perpetuity for every day the current flows, and those losses would be doubled if electricity use were to be doubled for future industrial</p>	<p>Thank you for your continued interest in the PUC Transmission LP Class EA and for your suggestion of alternative routes. The routes that you have suggested were considered; however, they were not carried forward as options as they were determined to be unfeasible. Some of the factors that were considered in this decision for each of those routes are below:</p> <p>Alternative Route 1 (Northern route suggestion – May 27th email):</p> <ul style="list-style-type: none"> • Technical factors: <ul style="list-style-type: none"> ○ Line losses: One of the benefits of this route is a shorter line; however, as discussed below, the route is not a feasible option. ○ Construction cost: Though this route is shorter than the Common Elements Route, the overall cost is expected to be significantly higher due to the shorter span lengths and numerous additional poles required to accommodate the additional turns in the route. ○ Feasibility: Due to conflict with existing development including new residential development in the area of Peoples Road and Sherbrooke Drive, we have determined that this route is not a technically viable option. • Environmental and Socio-Economic Factors: The total number of structures required to accommodate the additional turns in the route is expected to result in a more significant environmental impact. It is expected that these new residents would identify new social impacts as there is no existing easement protecting the land for such a utility corridor. <p>Alternative Route 2 (Most recent suggestion – June 18th email):</p> <ul style="list-style-type: none"> • Technical Factors: Due to conflict with existing development including residential, commercial, and utility infrastructure, the route was determined not to be a technically viable option. • Environmental and Socio-Economic Factors: Similar to Alternative Route #1, it is expected that these new residents would identify new social impacts as there is no existing easement protecting the land for such a utility corridor. <p>We are pleased to provide more detailed responses to your specific comments or questions below where we have inserted our responses in red italicized text following each item.</p>	07-Jul-22 - PUC responded as noted.
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development. That applies even more significantly if there is an unnecessary extra 7 km of lines. However, PUC Transmission LP has yet to detail the extent of this extra line loss. Please note that I first asked about this on April 6 and was told by you on April 24 that the answer would come at the PIC #1, planned for the end of May. When I asked Mr. Parrella about it at the May 26 meeting, he said those calculations had not been done. I would still appreciate a response to this question, since the extra line loss would be an ongoing waste of energy for generations.

3a. Does PUC Transmission LP acknowledge that the 50-year-old route would encroach closely on at least 20 residences? If so, please explain precisely how the old route is superior “based on the degree of current housing development”. 3b. If the satellite photo used in the draft proof of concept does not show subsequent housing development as illustrated by Mr. Parrella, perhaps it does not show subsequent housing development along the old route. Has that been investigated by PUC Transmission LP? 3c. After assertions about extra effects on existing housing were demonstrated to be incorrect, Mr. Parrella introduced two future houses plus a “future Residential Subdivision” as a consideration. Has PUC Transmission LP examined whether any future residential construction is being planned along the round-about route?

4. Please address my June 5 notes about the aquifer: “It should also be noted that the old route extends largely through what the Sault Ste Marie Region Conservation Authority deems Medium Intrinsic Susceptibility of the aquifer, an important source of drinking water in the city. In fact, it either crosses or is very near a small area listed as High Intrinsic Susceptibility. The alternative southern route [including the Carmen’s Way alternative] would be entirely in the Low Intrinsic Susceptibility zone. This may have bearing on drinking-water quality due to PUC maintenance of easements, particularly if herbicides or other noxious chemicals are used.” 5a. You write, “As well, the proposed common elements route presented at PIC #1 is, to a large extent, clear of trees and vegetation that would need to be cleared to accommodate the powerline. This newly proposed route would require significantly more vegetation and tree clearing, which is one of the factors being taken into consideration in the Class Environmental Assessment (EA).” Does PUC Transmission LP acknowledge that the old route was largely cleared artificially of trees and vegetation prior to the Class Environmental Assessment? Certainly, in the satellite image much of that “clear” corridor seems to be surrounded by trees and vegetation rather than being clear in its natural state.

5b. Does PUC Transmission LP acknowledge that whatever route is chosen, the vegetation will have to be controlled for the lifetime of the transmission line, whether that is half a century or a century or longer? Wouldn’t maintaining a shorter easement over that extended period mitigate any extra costs of clearing a more-direct route one time? 6a. Thank you for confirming that, “all of your comments will be included in the Public Information Centre #1 Summary Report and in the consultation summary of the Environmental Study Report.” Can you confirm that the comments to be included will be the ones I posted and emailed for that purpose June 5, not the ones I sent in a private email to Mr. Parrella May 27? 6b. Please include your June 17 response and my June 18 reply (this note) in the Public Information Centre #1 Summary Report and in the consultation summary of the Environmental Study Report. I realize it is past your commenting period ending June 9, but it would be unfortunate if these exchanges were to be excluded due to delays not of my doing. I have generally replied to messages the next day since beginning our correspondence April 6 but the same cannot be said for PUC Transmission LP. If necessary, I can provide a dated and itemized list of our exchanges. I hope that PUC Transmission LP is seriously considering the most energy-efficient route

1a. Does PUC Transmission LP acknowledge that manufacturing, transporting, installing and maintaining 7 km of extra lines and poles would produce extra greenhouse gases, contrary to the stated purpose of substantial public investment in switching Algoma Steel to electric steelmaking?

Answer: Algoma Steel has committed to transitioning its manufacturing process from the integrated basic oxygen steelmaking route to electric arc steelmaking. This process change will shrink Algoma’s environmental footprint dramatically, with an expected reduction in greenhouse gas emissions by up to 70%, positioning Algoma as one of the leading producers of green steel in North America.

Length of the new line is a consideration and shorter lines are favored wherever possible. The Common Elements Route and alternative route options presented at the PIC #1 comprise the shortest feasible routes required to service Algoma’s electric Arc Furnace Station. Other factors considered include number of infrastructure crossings (roads, residences, etc.), constraints on future capital works, existing continuous right-of-way, and other biophysical and socio-economic constraints. The full list of factors and criteria included in the evaluation process will be presented during the upcoming PIC.

1b. While environmental considerations have been termed paramount, PUC has said that cost is a factor. Does PUC Transmission LP acknowledge that manufacturing, transporting, installing and maintaining 7 km of extra lines and poles means extra costs in the immediate construction phase and for as many decades as the transmission line is in service?

Answer: The selection of the preferred route requires a combination of environmental, social and technical criteria applied to feasible route options. Factors include number of infrastructure crossings (roads, residences, etc.), constraints on future capital works, existing continuous right-of-way, and other biophysical and socio-economic constraints. The full list of factors and criteria included in the evaluation process will be presented during the upcoming PIC.

1c. Does PUC Transmission LP acknowledge that these cost savings could be applied to mitigate any costs of developing a shorter and greener route?

Answer: As mentioned, please note that route length is only one factor when determining cost, and cost is only one criterion when selecting a preferred route. Please refer to answers provided for questions 1 and 2 for further information.

2. Mr. Parrella has already acknowledged that an extra 1.2 kilometres of transmission line means extra line losses in

possible for crucial infrastructure that will serve Sault Ste Marie residents and industry for generations rather than relying on a wasteful round-about route proposed a half-century ago.

perpetuity for every day the current flows, and those losses would be doubled if electricity use were to be doubled for future industrial development. That applies even more significantly if there is an unnecessary extra 7 km of lines. However, PUC Transmission LP has yet to detail the extent of this extra line loss. Please note that I first asked about this on April 6 and was told by you on April 24 that the answer would come at the PIC #1, planned for the end of May. When I asked Mr. Parrella about it at the May 26 meeting, he said those calculations had not been done. I would still appreciate a response to this question, since the extra line loss would be an ongoing waste of energy for generations.

Answer: The Environmental Assessment (EA) process is a comprehensive process that evaluates routes based on a number of factors such as number of infrastructure crossings (roads, residences, etc.), constraints on future capital works, existing continuous right-of-way, and other biophysical and socio-economic constraints. As such, the line losses may differ between routes, but this is not indicative of the overall environmental impact.

3a. Does PUC Transmission LP acknowledge that the 50-year-old route would encroach closely on at least 20 residences? If so, please explain precisely how the old route is superior “based on the degree of current housing development”.

3b. If the satellite photo used in the draft proof of concept does not show subsequent housing development as illustrated by Mr. Parrella, perhaps it does not show subsequent housing development along the old route. Has that been investigated by PUC Transmission LP?

3c. After assertions about extra effects on existing housing were demonstrated to be incorrect, Mr. Parrella introduced two future houses plus a “future Residential Subdivision” as a consideration. Has PUC Transmission LP examined whether any future residential construction is being planned along the round-about route?

Answer: The existing PUC easements were put in place decades ago based on foresight that development would eventually necessitate additional utility infrastructure. The easements preclude any residential or commercial development within the easement limits; thereby preserving the land for the exact purpose that is now being proposed, while also protecting other lands from such a use. Furthermore, the existing easements satisfy regulatory requirements for clearances to any existing or future buildings subject to the Ontario Building Code.

4. Please address my June 5 notes about the aquifer: “It should also be noted that the old route extends largely through what the Sault Ste Marie Region Conservation Authority deems Medium

				<p>Intrinsic Susceptibility of the aquifer, an important source of drinking water in the city. In fact, it either crosses or is very near a small area listed as High Intrinsic Susceptibility. The alternative southern route [including the Carmen's Way alternative] would be entirely in the Low Intrinsic Susceptibility zone. This may have bearing on drinking-water quality due to PUC maintenance of easements, particularly if herbicides or other noxious chemicals are used."</p> <p>Answer: The Project Team is aware of the aquifer and is completing an assessment of groundwater impacts. Effects and mitigation measures will be noted in the draft Environmental Study Report (ESR). Mitigation measures may include avoiding designated vulnerable areas and continuous discharge monitoring. PUC will be consulting with appropriate regulators to ensure that construction and maintenance of the proposed transmission line is compatible with the city of Sault Ste. Marie's and the Sault Ste. Marie Region Conservation Authority's groundwater recharge or protection zones, and other regulatory requirements.</p> <p>5a. You write, "As well, the proposed common elements route presented at PIC #1 is, to a large extent, clear of trees and vegetation that would need to be cleared to accommodate the powerline. This newly proposed route would require significantly more vegetation and tree clearing, which is one of the factors being taken into consideration in the Class Environmental Assessment (EA)." Does PUC Transmission LP acknowledge that the old route was largely cleared artificially of trees and vegetation prior to the Class Environmental Assessment? Certainly, in the satellite image much of that "clear" corridor seems to be surrounded by trees and vegetation rather than being clear in its natural state.</p> <p>Answer: The Class EA considers impacts to the current existing conditions. It is preferable to choose an option that is on previously disturbed land (i.e., on the existing right-of-way) than to disturb new lands with existing environmental features.</p> <p>5b. Does PUC Transmission LP acknowledge that whatever route is chosen, the vegetation will have to be controlled for the lifetime of the transmission line, whether that is half a century or a century or longer? Wouldn't maintaining a shorter easement over that extended period mitigate any extra costs of clearing a more-direct route one time?</p> <p>Answer: Maintaining a shorter line is preferable. The length of the line is a consideration and shorter lines are favored wherever possible; however, as mentioned, there are several other factors that determine the feasibility of routes. The options presented at the PIC #1 comprise the shortest feasible routes.</p>	
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ID#	DATE	NAME	COMMENTS FROM CALLER	COMMENTS TO CALLER	DATE RESPONDED AND BY WHO?
				<p>6a. Thank you for confirming that, "all of your comments will be included in the Public Information Centre #1 Summary Report and in the consultation summary of the Environmental Study Report." Can you confirm that the comments to be included will be the ones I posted and emailed for that purpose June 5, not the ones I sent in a private email to Mr. Parrella May 27?</p> <p>6b. Please include your June 17 response and my June 18 reply (this note) in the Public Information Centre #1 Summary Report and in the consultation summary of the Environmental Study Report. I realize it is past your commenting period ending June 9, but it would be unfortunate if these exchanges were to be excluded due to delays not of my doing. I have generally replied to messages the next day since beginning our correspondence April 6 but the same cannot be said for PUC Transmission LP. If necessary, I can provide a dated and itemized list of our exchanges.</p> <p>Answer: All correspondence to and from you in relation to this EA will form part of the public record.</p>	

Zoom Webinar Q&A Log

Question Report

Report Generated:

2022-06-30 12:07

Topic	Webinar ID	Actual Start Time	Actual Dur:	# Question	
PUC Public Information Centre	835 2745 6250	2022-05-31 17:27	72	4	

Question Details

#	Question	Asker Name	Question Time
1	The website for the project (www.puctransmissionp.com) has been edited. It no longer mentions the total carrying load of 600MW that was previously mentioned (to ostensibly account for additional electricity needs). Does this edit mean that this aspect of the project has changed since the website first went live?	Dax D'Orazio	05/31/2022 18:25:21
2	Will it be possible, at some point, for this infrastructure to accommodate more than ASI's immediate need? If so, what's the total carrying capacity to account for future (potential) industrial electricity need?	Dax D'Orazio	05/31/2022 18:30:04
3	You mentioned EMF and compared such magnetic fields to small appliances like a toaster. As it is valid that EMF's are generated all around us, some simple searches yield information that suggests that high voltage lines are similar - yet they are on a MUCH higher scale and pose serious health risks if this line ends up outside my door, to my understanding. Please elaborate if you can. Thank you.	Rob Hladki	05/31/2022 18:31:27
4	Has PUC had discussions with any other companies that might also require access to this infrastructure in the future?	Dax D'Orazio	05/31/2022 18:31:39

PUC Transmission 230 KV Transmission Project
Class Environmental Assessment (EA) Study

PIC #1 Comment Form (May 26th, 2022)

Please drop your completed comment sheet in the box provided or submit online at <https://puctransmissionlp.com/submit-a-question/> by June 9th, 2022:

Please provide any comments, questions or concerns that you may have about the project, including the route and station options.

PLEASE CHECK HERE IF A RESPONSE FROM PUC IS NOT REQUIRED

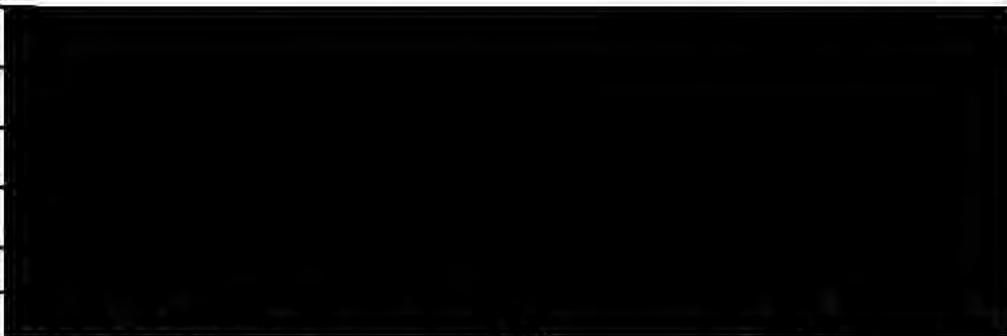
COMMENTS:

Participant requested reviewing mailed copies
of notices

Comments and information regarding this study are being collected in accordance with the Freedom of Information and Protection of Privacy Act, and solely for the purpose of conducting the class environmental assessment. With the exception of personal information, all comments will become part of the public record.

PLEASE PRINT:

NAME:	
ADDRESS:	
EMAIL:	
PHONE:	



PREFERRED METHOD OF CONTACT: MAIL EMAIL

For more information, please visit: <https://puctransmissionlp.com/>

PUC Transmission 230 KV Transmission Project
Class Environmental Assessment (EA) Study

PIC #1 Comment Form (May 26th, 2022)

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Please provide any comments, questions or concerns that you may have about the project, including the route and station options.

PLEASE CHECK HERE IF A RESPONSE FROM PUC IS NOT REQUIRED

COMMENTS: Algonquin steel - impacted jobs - Proident
response to chip off my metal - States
- not going in the right direction
Chromium plant - furnace - for that (positive)
- power ratings - gas?

Comments and information regarding this study are being collected in accordance with the Freedom of Information and Protection of Privacy Act, and solely for the purpose of conducting the class environmental assessment. With the exception of personal information, all comments will become part of the public record.

PLEASE PRINT

NAME:	
ADDRESS:	
EMAIL:	
PHONE:	



PREFERRED METHOD OF CONTACT: MAIL EMAIL

For more information, please visit: <https://puctransmissionlp.com/>

PUC Transmission 230 KV Transmission Project
Class Environmental Assessment (EA) Study

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Please provide any comments, questions or concerns that you may have about the project, including the route and station options.

PLEASE CHECK HERE IF A RESPONSE FROM PUC IS NOT REQUIRED

COMMENTS:

check of beaver pond

Comments and information regarding this study are being collected in accordance with the Freedom of Information and Protection of Privacy Act, and solely for the purpose of conducting the class environmental assessment. With the exception of personal information, all comments will become part of the public record.

PLEASE PRINT:

NAME:			
ADDRESS:			
		POSTAL CODE:	
EMAIL:			
PHONE:			

PREFERRED METHOD OF CONTACT: MAIL EMAIL

For more information, please visit: <https://puctransmissionlp.com/>

PUC Transmission 230 KV Transmission Project
Class Environmental Assessment (EA) Study

PIC #1 Comment Form (May 26th, 2022)

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Please provide any comments, questions or concerns that you may have about the project, including the route and station options.

PLEASE CHECK HERE IF A RESPONSE FROM PUC IS NOT REQUIRED

COMMENTS: Station Option 2 please.

I live at 924 Wallace Terrace with my children. It seems incredibly close to my residence.

Option 2 is already on industrial land, the other one is not. Option 1 is not and there are trees and forests and countryside directly across from my house.

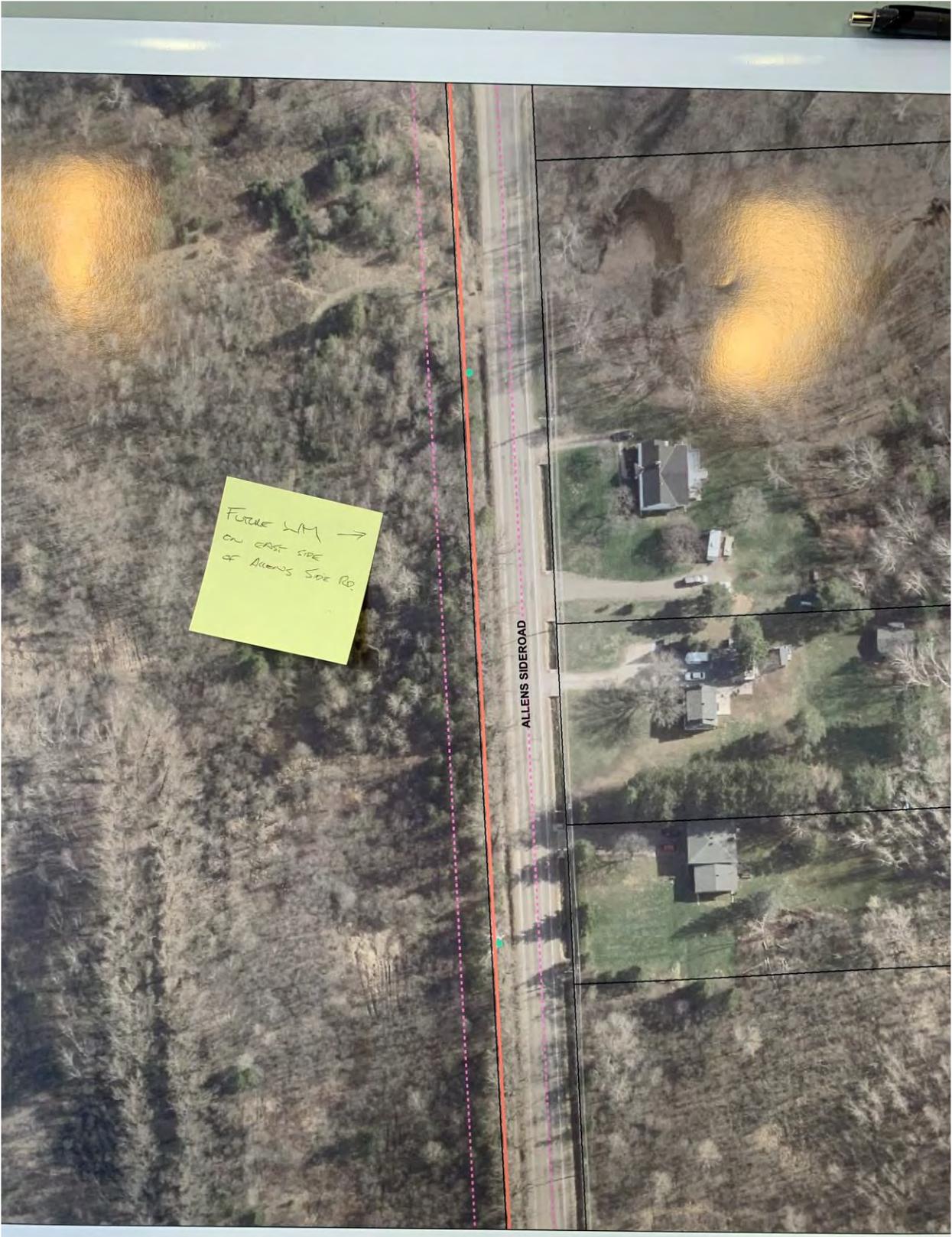
Comments and information regarding this study are being collected in accordance with the Freedom of Information and Protection of Privacy Act, and solely for the purpose of conducting the class environmental assessment. With the exception of personal information, all comments will become part of the public record.

PLEASE PRINT:

NAME:	
ADDRESS:	
EMAIL:	
PHONE:	

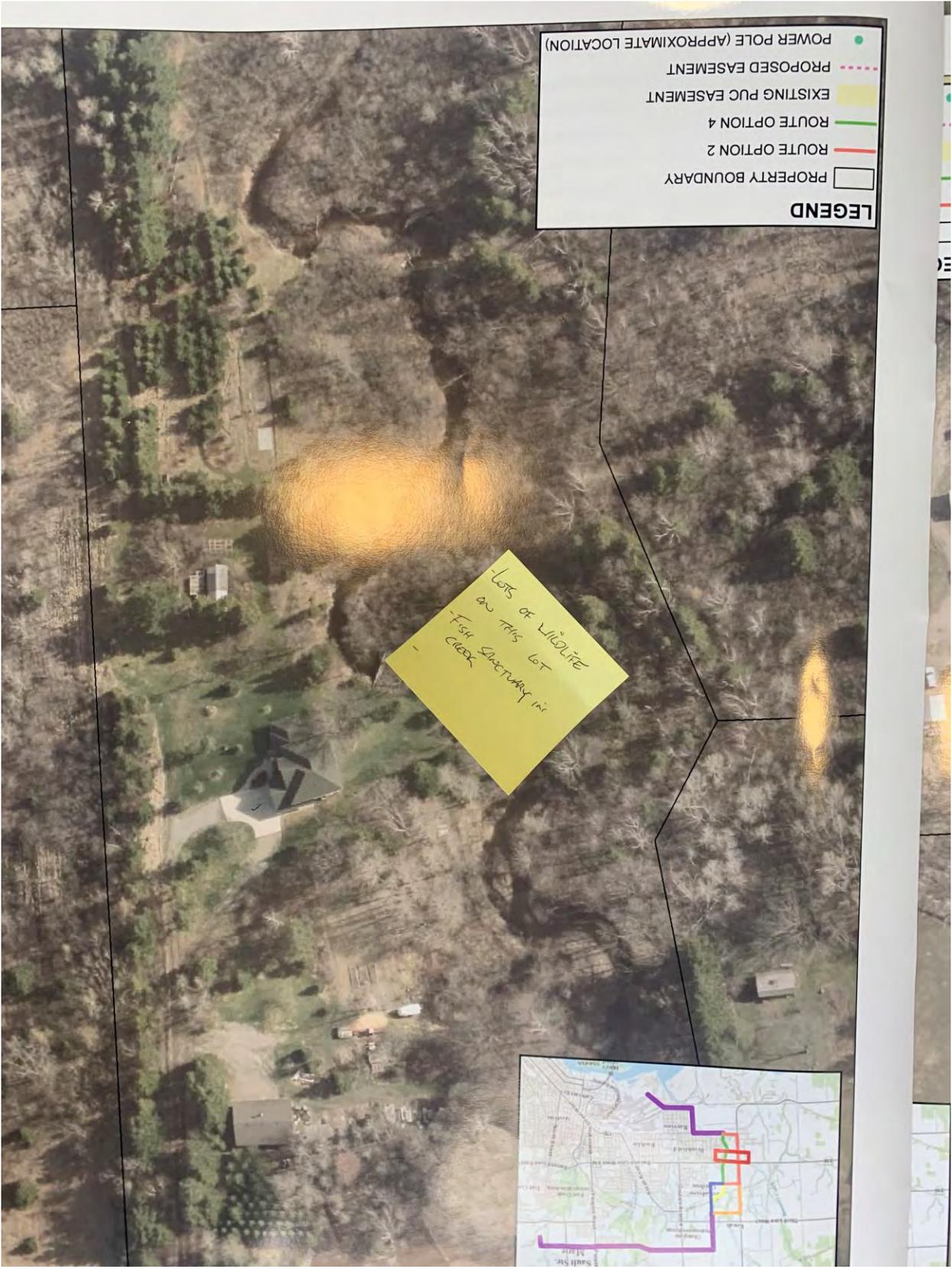


PREFERRED METHOD OF CONTACT: MAIL EMAIL
For more information, please visit: <https://puctransmissionlp.com/>



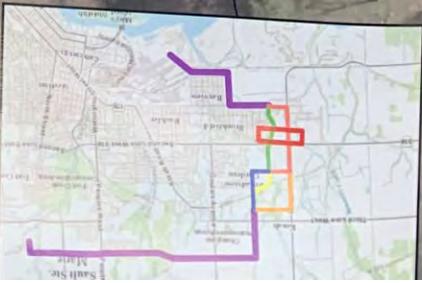
Future WM ->
on east side
of Allens Side Rd.

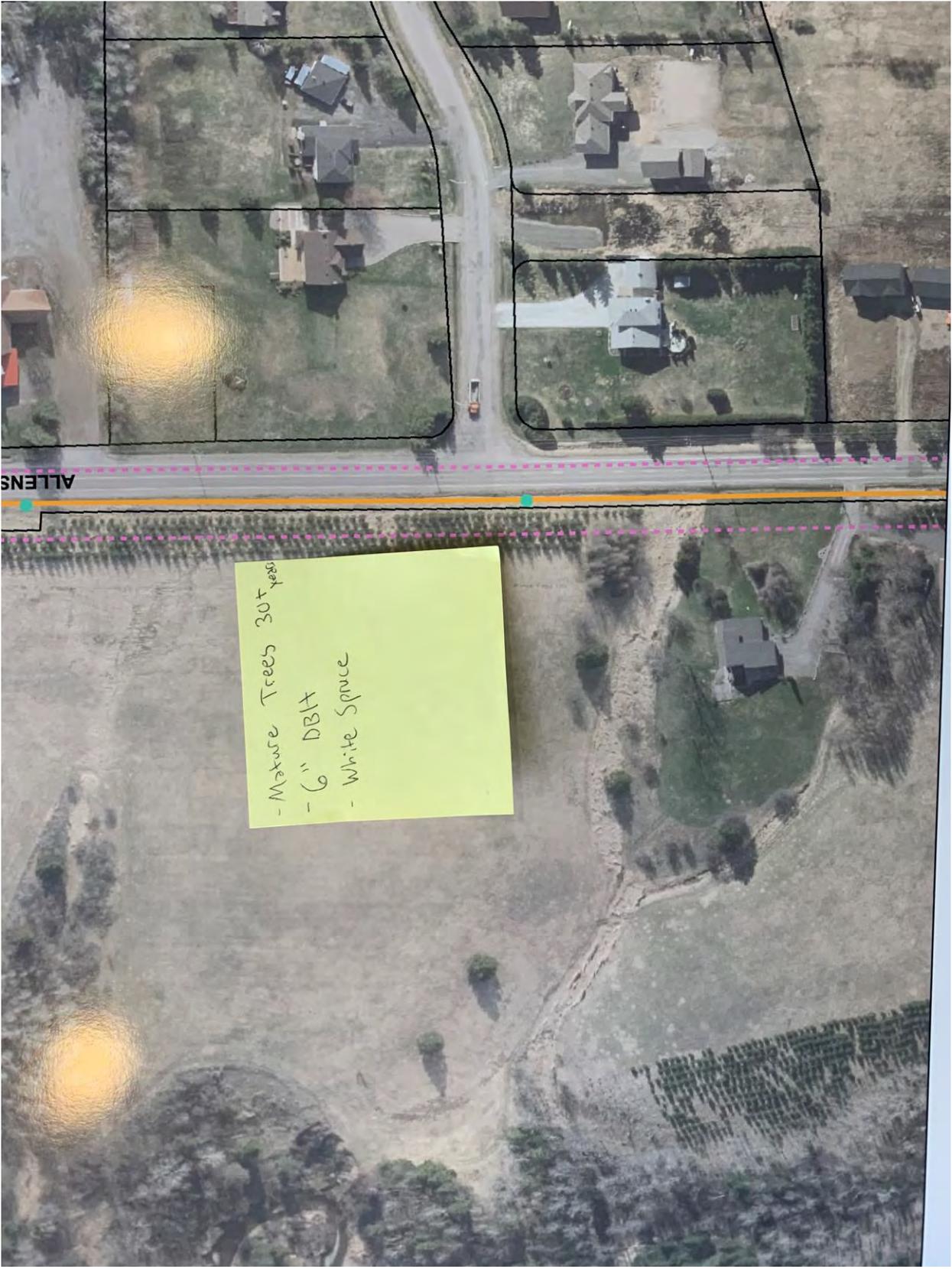
ALLENS SIDEROAD



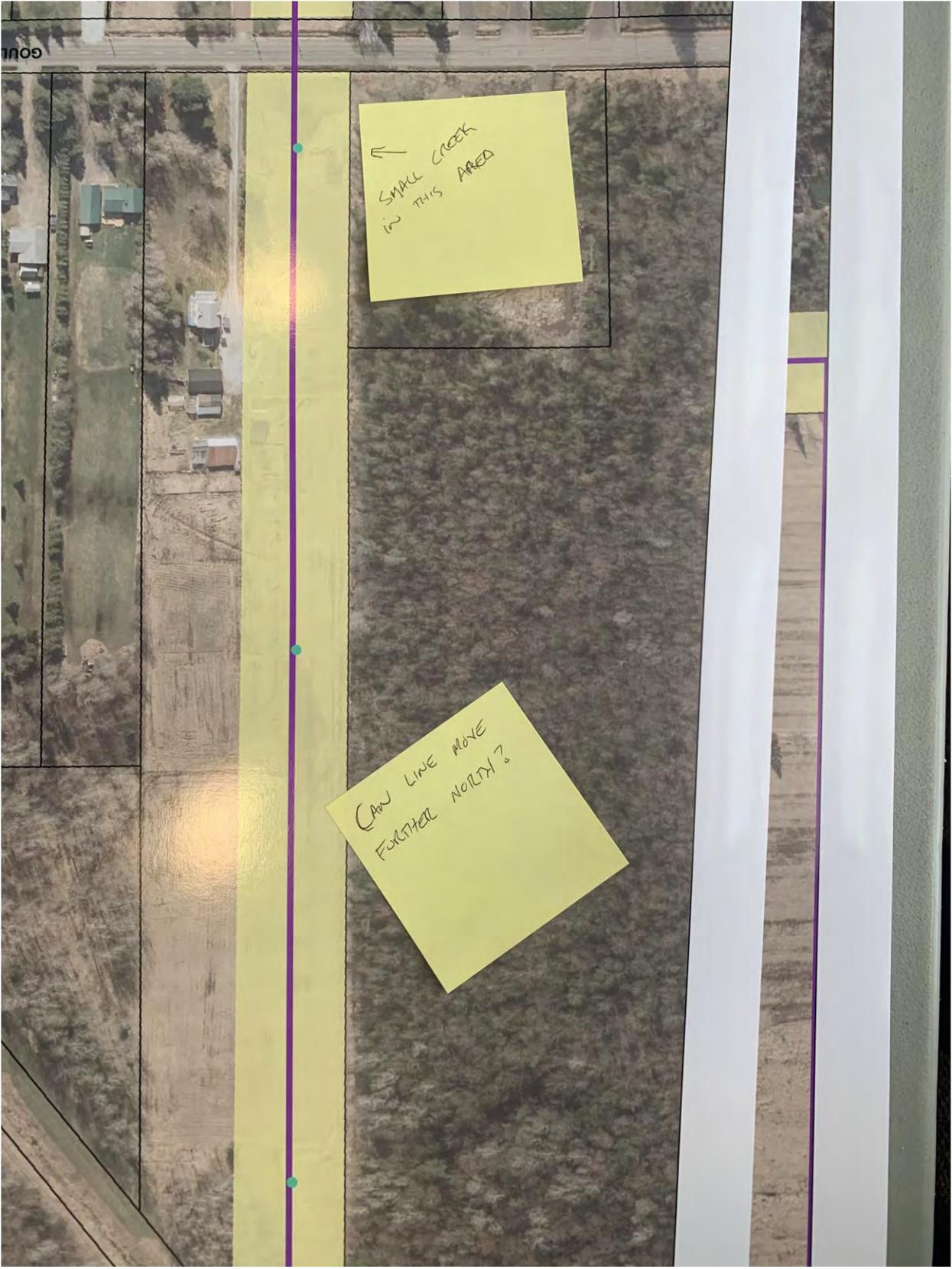
- LEGEND**
- POWER POLE (APPROXIMATE LOCATION)
 - PROPOSED EASEMENT
 - EXISTING PUC EASEMENT
 - ROUTE OPTION 4
 - ROUTE OPTION 2
 - PROPERTY BOUNDARY

Lots of Wildlife
on this lot
Fish Spawning in
Creek





- Mature Trees 30+ years
- 6" DBH
- White Spruce



gouo

←
SMALL CREEK
IN THIS AREA

CAN LINE MOVE
FURTHER NORTH?

APPENDIX

B-4 *INDIGENOUS COMMUNITIES CONSULTATION MATERIALS AND CORRESPONDENCE RECORDS*



May 25, 2022

Chief Dean Sayers
Batchewana First Nation
236 Frontenac Street
Sault Ste. Marie, ON PA 5K9
Sent via E-mail

Subject: PUC Transmission LP, Minor Transmission Facilities Class Environmental Assessment, Category 'B', Sault Ste. Marie

Dear Chief Sayers,

PUC Transmission LP (PUC) has retained WSP Canada Inc. to undertake the Category 'B' Minor Transmission Facilities Class Environmental Assessment (EA) Study prior to constructing a 230 kilovolt (kV) transmission line and station in Sault Ste. Marie, Ontario. This transmission line and station are proposed to serve the increased electrical needs of Algoma Steel due to the addition of new electric arc furnaces (EAFs) to replace the existing blast furnaces. PUC has initiated planning for the development activities, including seeking relevant environmental approvals to construct a transmission line from the Hydro One Third Line Station to the future Algoma Steel EAF Station.

PROJECT TEAM

We would like to introduce you to the Project Team:

PUC Project Team

Dominic Parrella

Executive Lead, Special Projects

PUC Services Inc.

Jairus Patterson

Communications Coordinator

PUC Services Inc.

PUC Services Inc., 500 Second Line
East, P.O. Box 9000,
Sault Ste. Marie, Ontario P6A 6P2

P: 705-759-6522
F: 705-759-6510

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WSP Consulting Team

Jeremiah Pariag	Tamara Skillen	Lina ElSetouhy	Jad Murtada
Consultation and Engagement Lead	Director – Environmental Impact Assessment	Environmental Planner	Environmental Planner
WSP Canada Inc.	WSP Canada Inc.	WSP Canada Inc.	WSP Canada Inc.

Dominic Parrella and Jeremiah Pariag will serve as the primary contacts for this project. Their contact information has been included at the end of this letter.

SCOPE OF THE PROJECT

In 2021, PUC was incorporated and approved for a transmission license by the Ontario Energy Board (OEB).

PUC identified the need for a 230 kV transmission line and a new 230/115/34.5 kV station in Sault Ste. Marie to serve the immediate need for increased power supply to Algoma Steel for their new EAF project. PUC has initiated work on development activities, including seeking relevant environmental approvals to construct the 230 kV line, which will be approximately 14 km long, from the Hydro One Third Line Station to the future Algoma Steel EAF Station on its property. This project requires undertaking a Class EA, which began in 2021.

Through the Class EA process, our team conducted an internal preliminary assessment to identify feasible routes (the “Route and Station Options”) for the new 230 kV transmission line and station. The Project Team researched and mapped technical, socioeconomic, and natural environmental constraints to identify potential opportunities to parallel linear infrastructure, such as existing transmission lines and highways, where possible.

Work for preparation of an Environmental Study Report (ESR) for the Project has been initiated. The ESR will examine the alternative route and station options and determine, from an environmental, technical and socio-economic perspective, the preferred route and station location for the Project.

THE PROCESS

The ESR is being prepared in accordance with the Class Environmental Assessment for Minor Transmission Facilities guidance document (2022), which was approved under the Ontario *Environmental Assessment Act* (EA Act). The Class EA process is illustrated in **Attachment #1**.

The Class EA process defines an environmental planning process that meets all requirements of the EA Act, including:

- Name and description of the proposed project;
- A description of the need (justification) for the proposed project;
- A description of the alternatives for the project, including maps;
- A description of a study area for the project and the existing environment;

PUC Services Inc., 500 Second Line
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Sault Ste. Marie, Ontario P6A 6P2

P: 705-759-6522
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ssmpuc.com
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- A description of the potential environmental effects (positive and negative);
- A description of the preferred alternative;
- A description of the consultation that was undertaken;
- A description of other applicable permits and approvals required for the project;
- A description of mitigation measures and predicted net effects; and
- A description of any required environmental monitoring.

The Class EA process describes the process that must be followed for a defined class of projects/undertakings in order to meet the requirements of the EA Act.

The Class EA process applies to Category B transmission projects that are not associated with Category B generation projects. Transmission facilities covered under the Class EA process include:

- a) The planning, design and construction of minor transmission lines and/or transmission stations (including telecommunication stations), and the subsequent operation, maintenance and retirement of these facilities.

“Minor transmission lines” means all transmission lines that:

 - i. Are capable of operating at a nominal voltage of equal to or greater than 115 kilovolts (kV) and less than 345 kV and are greater than 2 kilometres (km) in length; or
 - ii. Are capable of operating at a nominal voltage of equal to or greater than 345 kV and are greater than 2 km and less than 75 km in length.
- b. (Note: Transmission lines that are capable of operating at a nominal voltage of equal to or greater than 345 kV and are equal to or greater than 75 km in length are excluded; those projects are subject to an Individual EA). The planning, design and construction required to modify or upgrade a transmission line, and the subsequent operation, maintenance and retirement of the revised line where:
 - i. The work requires replacement of poles or towers and/or changes in the right-of-way (RoW) for existing transmission lines capable of operating at a nominal voltage of equal to or greater than 115 kV and equal to or less than 500 kV.
 - ii. The modified or upgraded existing lines would operate at a nominal voltage of equal to or greater than 115 kV, and equal to or less than 500 kV (nominal voltage).
- c. The planning, design and construction required to modify or expand a transmission station, and the subsequent operation, maintenance and retirement of the modified station where:
 - i. Acquisition of additional property is required; and,
 - ii. The modified stations are capable of operating at a nominal voltage level of equal to or greater than 115 kV and equal to or less than 500 kV (where a station has more than one voltage level, the highest level is used in defining the station's nominal operating voltage).

PROJECT SITE

Based on the preliminary assessment, four feasible route options and two new station options were identified. In April 2022, after issuing the Notice of Commencement (**Attachment #2**), PUC introduced the new Route Option 5 based on advancement of preliminary engineering work, information acquired through the Class EA process, and consultation with stakeholders and the public. Specifically, input received from residents and property owners within the Study Area identified land use constraints/opportunities, which resulted in the introduction of Route Option 5.

The route options, including the route refinements as shown in **Attachment #3**, were carried forward for the comparative evaluation.

No other viable alternatives were identified for the proposed 230 kV transmission line and station due to the configuration of equipment within and around the future EAF station and Hydro One Third Line Station.

Where possible, the Project will be located within existing road allowances. Temporary working space and laydown areas may be required adjacent to these areas to facilitate the movement and storage of equipment necessary for construction. Permanent easements will be required as well. PUC will work with regulators and landowners to identify and secure appropriate working space and easements as required.

TIMELINE & ACTIVITIES

Please refer to Attachment #1 for a summary of the proposed timing for each of the Class EA phases.

Following the completion of Public Information Centre #1 (PIC #1), subsequent activities will be completed in accordance with the following schedule:

- Select and announce preferred route alternative in Summer 2022;
- Circulate Draft ESR to Indigenous Peoples and Communities and review agencies in early Fall 2022;
- Circulate Final ESR to Indigenous Peoples and Communities, review agencies, and the greater public during the 30-day Public Review period in September 2022; and
- Upon completion of the draft ESR, PUC will issue a Notice of Completion to all stakeholders including municipal, provincial, and federal government officials, as well as, government agencies, Indigenous Peoples and Communities, potentially affected and interested persons, and interest groups.

POTENTIAL STUDY IMPACTS

It is expected that the majority of adverse environmental and/or socio-economic effects will be construction related. These effects are expected to be temporary and transitory. All facilities to be constructed for the Project will also be above ground, no underground facilities are being proposed. Routing will avoid or minimize environmental effect to the extent feasible, and Project components will be constructed to minimize environmental or socioeconomic impacts.

Mitigation measures that will be recommended in the ESR will be followed in conjunction with other provincial and municipal standards. In addition, PUC will use professional judgement, past experience, industry best practices and any additional feedback received through the consultation process when constructing the Project.

CONSULTATION AND ENGAGEMENT

As per the Class EA for Minor Transmission Facilities guidance document, Section 4.1.1, the Project Team contacted the Ministry of Energy on April 25th, 2022, to confirm which Indigenous Peoples and Communities may have an interest in the project. On May 18th, 2022, the Ministry of Energy provided a preliminary list of Indigenous Peoples and Communities that may take an interest in the project based on proximity and/or our knowledge of the treaties and traditional territories associated with these communities. This list includes the following communities:

- Batchewana First Nation;
- Garden River First Nation;
- Michipicoten First Nation;
- MNO Historic Sault Ste. Marie Métis Council; and
- MNO Region 4.

Open engagement with Indigenous Communities, stakeholders, and the public will be a key part of this EA. Reasonable alternatives and input shall be examined and considered based on their respective merits.

Should it be of interest, members of the Project Team would be happy to meet with the appropriate members and/or representatives of your community to engage in discussions about the Class EA process and gather input. PUC willingly accepts responsibility to engage with Batchewana First Nation as part of the Class EA process and is committed to the open flow of information and ensuring that there are meaningful opportunities for you to provide input during this Study. Should you have an interest in this project, we respectfully request that you inform us of the most appropriate way to share knowledge and information, and the way in which you and your community would like to engage in the Class EA process.

Contact with Indigenous Peoples and Communities, the public, and review agencies involves the formal act of notification and requesting comments and input. Two Public Information Centres (PICs) will be convened for this Study, with the goal of the first PIC being to provide members of the Indigenous Peoples and Communities, the public, and stakeholders with an opportunity to introduce the Study, discuss the project timeline, and outline upcoming environmental studies. As such, the Project Team is excited to announce that the first PIC will be held in-person on **May 26th, 2022** and virtually on **May 31st, 2022**. PIC materials will be made available throughout the commenting period. Comments related to PIC #1 are requested between **May 26th, 2022**, and **June 9th, 2022**; however, comments are welcome at any time during the Study. See **Attachment #4** for further detail on PIC #1.

One subsequent PIC will be scheduled in late Summer 2022 to share project updates and solicit input from Indigenous Peoples and Communities, key stakeholders, and the public.

Per Section 4.3 of the Class EA for Minor Transmission Facilities guidance document, under Section 37 of the *Freedom of Information and Protection of Privacy Act*, comments and information collected under the authority of the Ontario Environmental Assessment Act or information that is collected and maintained for the purpose of creating a record that is available to the general public, including personal information included in a submission – such as name, address, telephone number and property location – is collected, maintained, and disclosed by the Ministry of the Environment, Conservation, and Parks (MECP) for the purpose of transparency and consultation and will become part of the public record. Personal information you submit will become part of a public record that is available to the general public unless you request that your personal information remain confidential. If you have accessibility requirements in order to participate in this project, please let us know and we will make the required accommodations. For more information, please contact the MECP’s Freedom of Information and Privacy Coordinator at 416-327-1434.

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NEXT STEPS

Your input and ideas are important to the Study process, and we very much want to engage with your community throughout this Study. If your community has an interest in participating in the project and/or meeting with the Project Team, please indicate this to Dominic and/or Jeremiah using the contact information below. If there is another way in which you would like to engage or share information, please let us know how we can best work with you.

If you are not interested in engaging with this Study but would like us to provide you with updates throughout the project, including notification of future public meetings and study completion, please let us know and we will send you the information as it becomes available. Please let us know as well if you are not interested in participating in this Study.

Yours sincerely,



Dominic Parrella

Executive Lead, Special Projects
PUC Transmission LP
705-941-8386
Dominc.Parrella@ssmpuc.com

Jeremiah Pariag

Consultation and Engagement Lead
WSP Canada Inc.
289-835-2548
Jeremiah.Pariag@wsp.com

cc:

Danny Sayers Jr., Consultation Coordinator, Batchewana First Nation
Jairus Patterson, Communications Coordinator, PUC Transmission LP
Tamara Skillen, Director of Environmental Impact Assessment – WSP Canada Inc.
Lina ElSetouhy, Environmental Planner – WSP Canada Inc.
Jad Murtada, Environmental Planner – WSP Canada Inc.

Encl.

- Attachment #1 – Class EA Process and Project Schedule
- Attachment #2 – Notice of Commencement
- Attachment #3 – Project Maps
- Attachment #4 – Notice of Public Information Centre #1

Attachment #1 – Class EA Process and Project Schedule

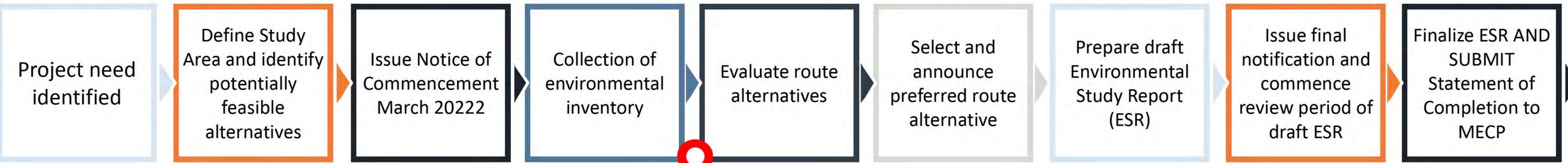
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January 2021 ← February 2022 ← Summer 2022 ← Fall 2022 ← Late Fall 2022 ← September 2022



We are here



Ongoing engagement with Indigenous communities and organizations, community members, elected officials, interest groups and government agencies

Attachment #2 – Notice of Commencement

PUC Services Inc., 500 Second Line
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Sault Ste. Marie, Ontario P6A 6P2

P: 705-759-6522
F: 705-759-6510

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**Notice of Study Commencement
Class Environmental Assessment Study
For the 230 kV Transmission Project**

THE STUDY

PUC Transmission LP has initiated a Class Environmental Assessment to evaluate alternatives for a double circuit 230 kV line and a 230/115/34.5 kV substation in the City of Sault St. Marie as part of an expansion of the electrical supply related to load expansion at Algoma Steel. The 230-kV line that will be approximately 14 km long, will start from Third Line Transformer Station (TS), which is located in the City of Sault St. Marie, and will terminate in a new 230/115/34.5 kV substation, which will be located at or near the Algoma Steel plant.

This Study will identify the effects on the environment for the potential circuit routes and determine the preferred route. The Study Area and sites under consideration are shown in the Key Map.

THE PROCESS

The Study is being conducted in accordance with the planning process for Category 'B' projects, subject to the Class Environmental Assessment for Minor Transmission Facilities as amended, approved under the *Ontario Environmental Assessment Act* and *Ontario Regulation (O.Reg.) 116/01* (the electricity project regulation). The Class Environmental Assessment process includes public and agency consultation, the evaluation of alternatives, assessment of the potential effects of the proposed project and the identification of mitigation measures.

The public will have the opportunity to participate in multiple in-person and virtual open houses to discuss the project as the Study proceeds.

To provide comments, request additional information or to be added to the Project mailing list, please contact either of the following Project Team members or visit our website at www.PUCTransmissionLP.com.

Dominic Parrella, P. Eng. Executive Lead, Special Projects PUC Transmission LP Tel.: (705) 941-8386 Email: dominic.parrella@ssmpuc.com	Jeremiah Pariag Consultation and Engagement Lead WSP Canada Inc. Tel.: (289) 835-2548 Email: jeremiah.pariag@wsp.com
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Under the *Freedom of Information and Protection of Privacy Act* (FIOPPA) and the *Access to Information Act*, comments, and information regarding this project, with the exception of personal information, will become part of the public record.



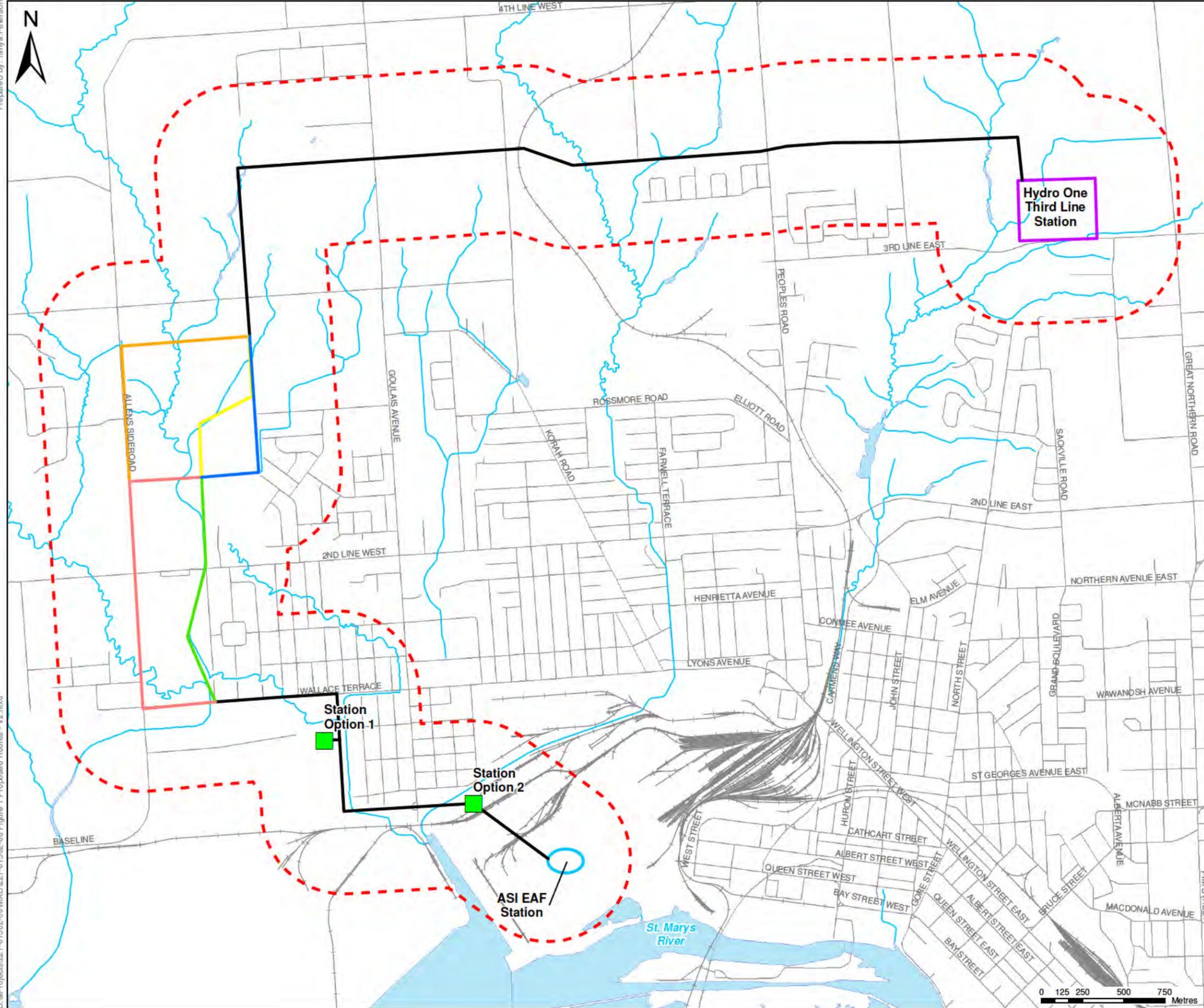
Attachment #3 – Project Maps

PUC Services Inc., 500 Second Line
East, P.O. Box 9000,
Sault Ste. Marie, Ontario P6A 6P2

P: 705-759-6522
F: 705-759-6510

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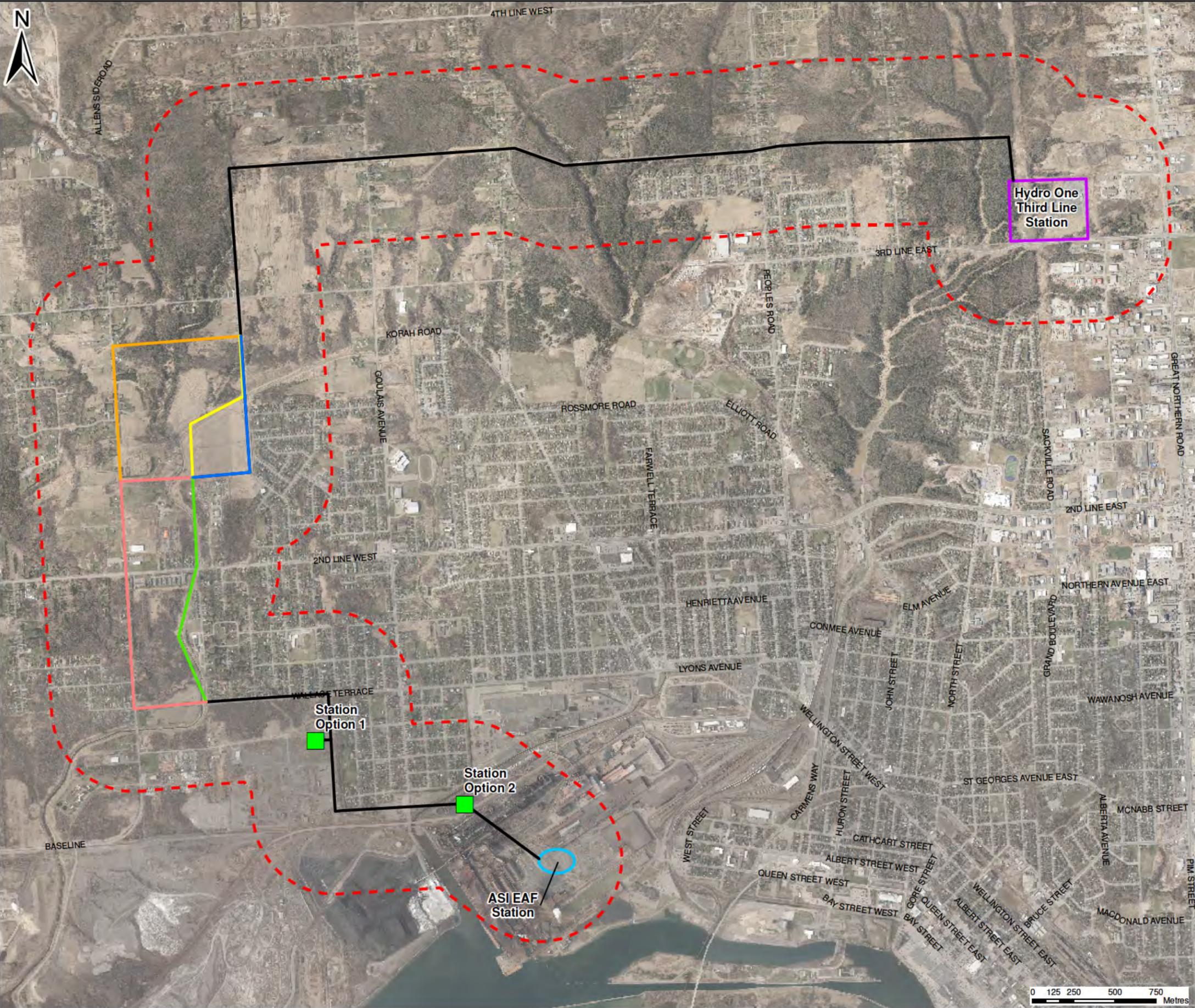




LEGEND:

- ROUTE OPTION 1
- ROUTE OPTION 2
- ROUTE OPTION 3
- ROUTE OPTION 4
- ROUTE OPTION 5
- COMMON ELEMENTS TO ALL OPTIONS
- LOCAL STUDY AREA – 500 m RADIUS
- NEW PUC STATION OPTIONS
- ALGOMA STEEL INC. (ASI) ELECTRIC ARC FURANCE (EAF) STATION
- HYDRO ONE THIRD LINE STATION

TITLE:	PROPOSED STUDY AREA AND ROUTE OPTIONS	
PROJECT:	SAULT STE. MARIE 230 KV TRANSMISSION PROJECT: CLASS EA SAULT STE MARIE, ONTARIO	
CLIENT:	PUC TRANSMISSION LP	
	PROJECT NO.: 221-01502-00	REVIEWED BY: CS
	DATE: MAY 2022	FIGURE: 1



- LEGEND:**
- ROUTE OPTION 1
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PROJECT: SAULT STE. MARIE 230 KV TRANSMISSION PROJECT: CLASS EA SAULT STE MARIE, ONTARIO		
CLIENT: PUC TRANSMISSION LP		
 GOLDER	PROJECT NO.: 221-01502-00	REVIEWED BY: CS
	DATE: MAY 2022	FIGURE: 1

Attachment #4 – Notice of Public Information Centre #1

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East, P.O. Box 9000,
Sault Ste. Marie, Ontario P6A 6P2

P: 705-759-6522
F: 705-759-6510

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**Notice of Public Information Centre #1
Class Environmental Assessment Study
For the 230 kV Transmission Project**

THE STUDY

In March 2022, PUC Transmission LP initiated a Class Environmental Assessment (EA) to evaluate alternatives for a double circuit 230 kilovolt (kV) line and a 230/115/34.5 kV substation in the City of Sault Ste. Marie, as part of an electrical supply expansion related to load increases at Algoma Steel. The 230 kV line that will be approximately 14 km long, will start from Third Line Transformer Station (TS) in the City of Sault Ste. Marie, and will terminate in a new 230/115/34.5 kV substation, which will be located at or near the Algoma Steel plant. There are two location options for the new substation.

This study will identify the potential effects on the environment from each of the circuit route and substation location options, and then determine the preferred options. The Study Area, route options, and substation location options under consideration are shown in the attached map.

PUBLIC INFORMATION CENTRE #1

Public input and feedback are an important part of project planning, and the Class EA process provides opportunities for us to hear from you. We encourage you to attend our upcoming Public Information Centre (PIC) to learn more about the route and station options, and the selection process. Members of the Project Team will be available to discuss the approvals process, environmental studies, considerations, and mitigations, as well as the anticipated construction schedule.

IN-PERSON PIC #1 DETAILS*	VIRTUAL PIC #1 DETAILS
Date: May 26 th , 2022	Date: May 31 st , 2022
Time: 4:30PM to 7:30PM	Time: 6:00PM to 7:30PM
Location: Northern Community Centre (556 Goulais Ave, Sault Ste. Marie, ON, P6C 5A7)	Location: To be held virtually via Zoom (Link to be provided upon registration)
Registration: Please sign-in at the PIC	Registration: visit www.PUCTransmissionLP.com
* Please note that masks are required for the in-person PIC.	

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May 26, 2022

Chief Andy Rickard
7 Shingwauk Street, RR 4
Garden River, ON, P6A 6Z8

Sent via E-mail

Subject: PUC Transmission LP, Minor Transmission Facilities Class Environmental Assessment, Category 'B', Sault Ste. Marie

Dear Chief Rickard,

PUC Transmission LP (PUC) has retained WSP Canada Inc. to undertake the Category 'B' Minor Transmission Facilities Class Environmental Assessment (EA) Study prior to constructing a 230 kilovolt (kV) transmission line and station in Sault Ste. Marie, Ontario. This transmission line and station are proposed to serve the increased electrical needs of Algoma Steel due to the addition of new electric arc furnaces (EAFs) to replace the existing blast furnaces. PUC has initiated planning for the development activities, including seeking relevant environmental approvals to construct a transmission line from the Hydro One Third Line Station to the future Algoma Steel EAF Station.

PROJECT TEAM

We would like to introduce you to the Project Team:

PUC Project Team

Dominic Parrella

Executive Lead, Special Projects

PUC Services Inc.

Jairus Patterson

Communications Coordinator

PUC Services Inc.

PUC Services Inc., 500 Second Line
East, P.O. Box 9000,
Sault Ste. Marie, Ontario P6A 6P2

P: 705-759-6522
F: 705-759-6510

ssmpuc.com
customer.care@ssmpuc.com

WSP Consulting Team

Jeremiah Pariag	Tamara Skillen	Lina ElSetouhy	Jad Murtada
Consultation and Engagement Lead	Director – Environmental Impact Assessment	Environmental Planner	Environmental Planner
WSP Canada Inc.	WSP Canada Inc.	WSP Canada Inc.	WSP Canada Inc.

Dominic Parrella and Jeremiah Pariag will serve as the primary contacts for this project. Their contact information has been included at the end of this letter.

SCOPE OF THE PROJECT

In 2021, PUC was incorporated and approved for a transmission license by the Ontario Energy Board (OEB).

PUC identified the need for a 230 kV transmission line and a new 230/115/34.5 kV station in Sault Ste. Marie to serve the immediate need for increased power supply to Algoma Steel for their new EAF project. PUC has initiated work on development activities, including seeking relevant environmental approvals to construct the 230 kV line, which will be approximately 14 km long, from the Hydro One Third Line Station to the future Algoma Steel EAF Station on its property. This project requires undertaking a Class EA, which began in 2021.

Through the Class EA process, our team conducted an internal preliminary assessment to identify feasible routes (the “Route and Station Options”) for the new 230 kV transmission line and station. The Project Team researched and mapped technical, socioeconomic, and natural environmental constraints to identify potential opportunities to parallel linear infrastructure, such as existing transmission lines and highways, where possible.

Work for preparation of an Environmental Study Report (ESR) for the Project has been initiated. The ESR will examine the alternative route and station options and determine, from an environmental, technical and socio-economic perspective, the preferred route and station location for the Project.

THE PROCESS

The ESR is being prepared in accordance with the Class Environmental Assessment for Minor Transmission Facilities guidance document (2022), which was approved under the Ontario *Environmental Assessment Act* (EA Act). The Class EA process is illustrated in **Attachment #1**.

The Class EA process defines an environmental planning process that meets all requirements of the EA Act, including:

- Name and description of the proposed project;
- A description of the need (justification) for the proposed project;
- A description of the alternatives for the project, including maps;
- A description of a study area for the project and the existing environment;

PUC Services Inc., 500 Second Line
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Sault Ste. Marie, Ontario P6A 6P2

P: 705-759-6522
F: 705-759-6510

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customer.care@ssmpuc.com

- A description of the potential environmental effects (positive and negative);
- A description of the preferred alternative;
- A description of the consultation that was undertaken;
- A description of other applicable permits and approvals required for the project;
- A description of mitigation measures and predicted net effects; and
- A description of any required environmental monitoring.

The Class EA process describes the process that must be followed for a defined class of projects/undertakings in order to meet the requirements of the EA Act.

The Class EA process applies to Category B transmission projects that are not associated with Category B generation projects. Transmission facilities covered under the Class EA process include:

- a) The planning, design and construction of minor transmission lines and/or transmission stations (including telecommunication stations), and the subsequent operation, maintenance and retirement of these facilities.

“Minor transmission lines” means all transmission lines that:

 - i. Are capable of operating at a nominal voltage of equal to or greater than 115 kilovolts (kV) and less than 345 kV and are greater than 2 kilometres (km) in length; or
 - ii. Are capable of operating at a nominal voltage of equal to or greater than 345 kV and are greater than 2 km and less than 75 km in length.
- b. (Note: Transmission lines that are capable of operating at a nominal voltage of equal to or greater than 345 kV and are equal to or greater than 75 km in length are excluded; those projects are subject to an Individual EA). The planning, design and construction required to modify or upgrade a transmission line, and the subsequent operation, maintenance and retirement of the revised line where:
 - i. The work requires replacement of poles or towers and/or changes in the right-of-way (RoW) for existing transmission lines capable of operating at a nominal voltage of equal to or greater than 115 kV and equal to or less than 500 kV.
 - ii. The modified or upgraded existing lines would operate at a nominal voltage of equal to or greater than 115 kV, and equal to or less than 500 kV (nominal voltage).
- c. The planning, design and construction required to modify or expand a transmission station, and the subsequent operation, maintenance and retirement of the modified station where:
 - i. Acquisition of additional property is required; and,
 - ii. The modified stations are capable of operating at a nominal voltage level of equal to or greater than 115 kV and equal to or less than 500 kV (where a station has more than one voltage level, the highest level is used in defining the station's nominal operating voltage).

PROJECT SITE

Based on the preliminary assessment, four feasible route options and two new station options were identified. In April 2022, after issuing the Notice of Commencement (**Attachment #2**), PUC introduced the new Route Option 5 based on advancement of preliminary engineering work, information acquired through the Class EA process, and consultation with stakeholders and the public. Specifically, input received from residents and property owners within the Study Area identified land use constraints/opportunities, which resulted in the introduction of Route Option 5.

The route options, including the route refinements as shown in **Attachment #3**, were carried forward for the comparative evaluation.

No other viable alternatives were identified for the proposed 230 kV transmission line and station due to the configuration of equipment within and around the future EAF station and Hydro One Third Line Station.

Where possible, the Project will be located within existing road allowances. Temporary working space and laydown areas may be required adjacent to these areas to facilitate the movement and storage of equipment necessary for construction. Permanent easements will be required as well. PUC will work with regulators and landowners to identify and secure appropriate working space and easements as required.

TIMELINE & ACTIVITIES

Please refer to **Attachment #1** for a summary of the proposed timing for each of the Class EA phases.

Following the completion of Public Information Centre #1 (PIC #1), subsequent activities will be completed in accordance with the following schedule:

- Select and announce preferred route alternative in Summer 2022;
- Circulate Draft ESR to Indigenous Peoples and Communities and review agencies in early Fall 2022;
- Circulate Final ESR to Indigenous Peoples and Communities, review agencies, and the greater public during the 30-day Public Review period in September 2022; and
- Upon completion of the draft ESR, PUC will issue a Notice of Completion to all stakeholders including municipal, provincial, and federal government officials, as well as, government agencies, Indigenous Peoples and Communities, potentially affected and interested persons, and interest groups.

POTENTIAL STUDY IMPACTS

It is expected that the majority of adverse environmental and/or socio-economic effects will be construction related. These effects are expected to be temporary and transitory. All facilities to be constructed for the Project will also be above ground, no underground facilities are being proposed. Routing will avoid or minimize environmental effect to the extent feasible, and Project components will be constructed to minimize environmental or socioeconomic impacts.

Mitigation measures that will be recommended in the ESR will be followed in conjunction with other provincial and municipal standards. In addition, PUC will use professional judgement, past experience, industry best practices and any additional feedback received through the consultation process when constructing the Project.

CONSULTATION AND ENGAGEMENT

As per the Class EA for Minor Transmission Facilities guidance document, Section 4.1.1, the Project Team contacted the Ministry of Energy on April 25th, 2022, to confirm which Indigenous Peoples and Communities may have an interest in the project. On May 18th, 2022, the Ministry of Energy provided a preliminary list of Indigenous Peoples and Communities that may take an interest in the project based on proximity and/or our knowledge of the treaties and traditional territories associated with these communities. This list includes the following communities:

- Batchewana First Nation;
- Garden River First Nation;
- Michipicoten First Nation;
- MNO Historic Sault Ste. Marie Métis Council; and
- MNO Region 4.

Open engagement with Indigenous Communities, stakeholders, and the public will be a key part of this EA. Reasonable alternatives and input shall be examined and considered based on their respective merits.

Should it be of interest, members of the Project Team would be happy to meet with the appropriate members and/or representatives of your community to engage in discussions about the Class EA process and gather input. PUC willingly accepts responsibility to engage with Garden River First Nation as part of the Class EA process and is committed to the open flow of information and ensuring that there are meaningful opportunities for you to provide input during this Study. Should you have an interest in this project, we respectfully request that you inform us of the most appropriate way to share knowledge and information, and the way in which you and your community would like to engage in the Class EA process.

Contact with Indigenous Peoples and Communities, the public, and review agencies involves the formal act of notification and requesting comments and input. Two Public Information Centres (PICs) will be convened for this Study, with the goal of the first PIC being to provide members of the Indigenous Peoples and Communities, the public, and stakeholders with an opportunity to introduce the Study, discuss the project timeline, and outline upcoming environmental studies. As such, the Project Team is excited to announce that the first PIC will be held in-person on **May 26th, 2022** and virtually on **May 31st, 2022**. PIC materials will be made available throughout the commenting period. Comments related to PIC #1 are requested between **May 26th, 2022**, and **June 9th, 2022**; however, comments are welcome at any time during the Study. See **Attachment #4** for further detail on PIC #1.

One subsequent PIC will be scheduled in late Summer 2022 to share project updates and solicit input from Indigenous Peoples and Communities, key stakeholders, and the public.

Per Section 4.3 of the Class EA for Minor Transmission Facilities guidance document, under Section 37 of the *Freedom of Information and Protection of Privacy Act*, comments and information collected under the authority of the Ontario Environmental Assessment Act or information that is collected and maintained for the purpose of creating a record that is available to the general public, including personal information included in a submission – such as name, address, telephone number and property location – is collected, maintained, and disclosed by the Ministry of the Environment, Conservation, and Parks (MECP) for the purpose of transparency and consultation and will become part of the public record. Personal information you submit will become part of a public record that is available to the general public unless you request that your personal information remain confidential. If you have accessibility requirements in order to participate in this project, please let us know and we will make the required accommodations. For more information, please contact the MECP’s Freedom of Information and Privacy Coordinator at 416-327-1434.

PUC Services Inc., 500 Second Line
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Sault Ste. Marie, Ontario P6A 6P2

P: 705-759-6522
F: 705-759-6510

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customer.care@ssmpuc.com

NEXT STEPS

Your input and ideas are important to the Study process, and we very much want to engage with your community throughout this Study. If your community has an interest in participating in the project and/or meeting with the Project Team, please indicate this to Dominic and/or Jeremiah using the contact information below. If there is another way in which you would like to engage or share information, please let us know how we can best work with you.

If you are not interested in engaging with this Study but would like us to provide you with updates throughout the project, including notification of future public meetings and study completion, please let us know and we will send you the information as it becomes available. Please let us know as well if you are not interested in participating in this Study.

Yours sincerely,



Dominic Parrella

Executive Lead, Special Projects

PUC Transmission LP

705-941-8386

Dominc.Parrella@ssmpuc.com

Jeremiah Pariag

Consultation and Engagement Lead

WSP Canada Inc.

289-835-2548

Jeremiah.Pariag@wsp.com

cc:

Cheyenne Nolan, Consultation Coordinator, Garden River First Nation

Jairus Patterson, Communications Coordinator, PUC Transmission LP

Tamara Skillen, Director of Environmental Impact Assessment – WSP Canada Inc.

Lina ElSetouhy, Environmental Planner – WSP Canada Inc.

Jad Murtada, Environmental Planner – WSP Canada Inc.

Encl.

- Attachment #1 – Class EA Process and Project Schedule
- Attachment #2 – Notice of Commencement
- Attachment #3 – Project Maps
- Attachment #4 – Notice of Public Information Centre #1

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Attachment #1 – Class EA Process and Project Schedule

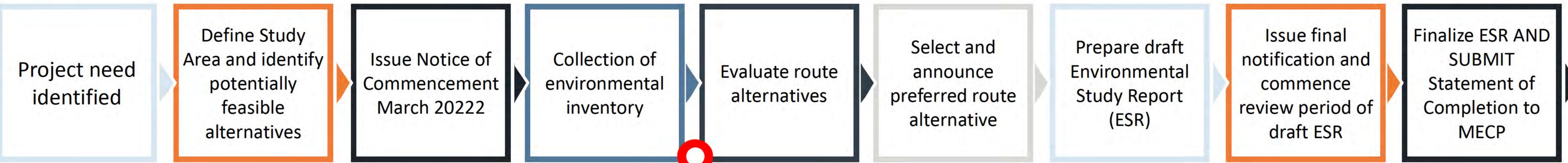
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January 2021 ← February 2022 ← Summer 2022 ← Fall 2022 ← Late Fall 2022 ← September 2022



We are here



Ongoing engagement with Indigenous communities and organizations, community members, elected officials, interest groups and government agencies

Attachment #2 – Notice of Commencement

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**Notice of Study Commencement
Class Environmental Assessment Study
For the 230 kV Transmission Project**

THE STUDY

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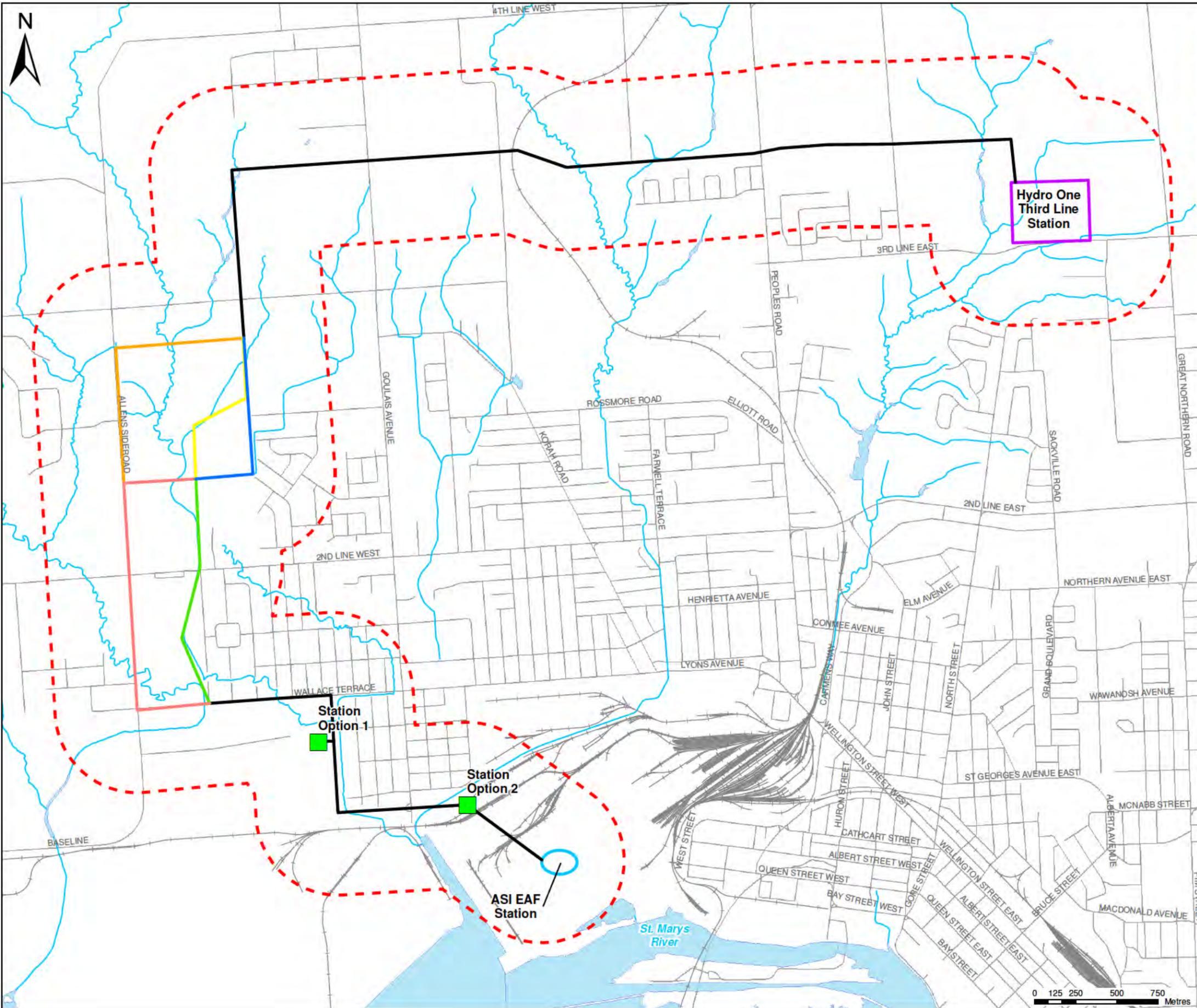
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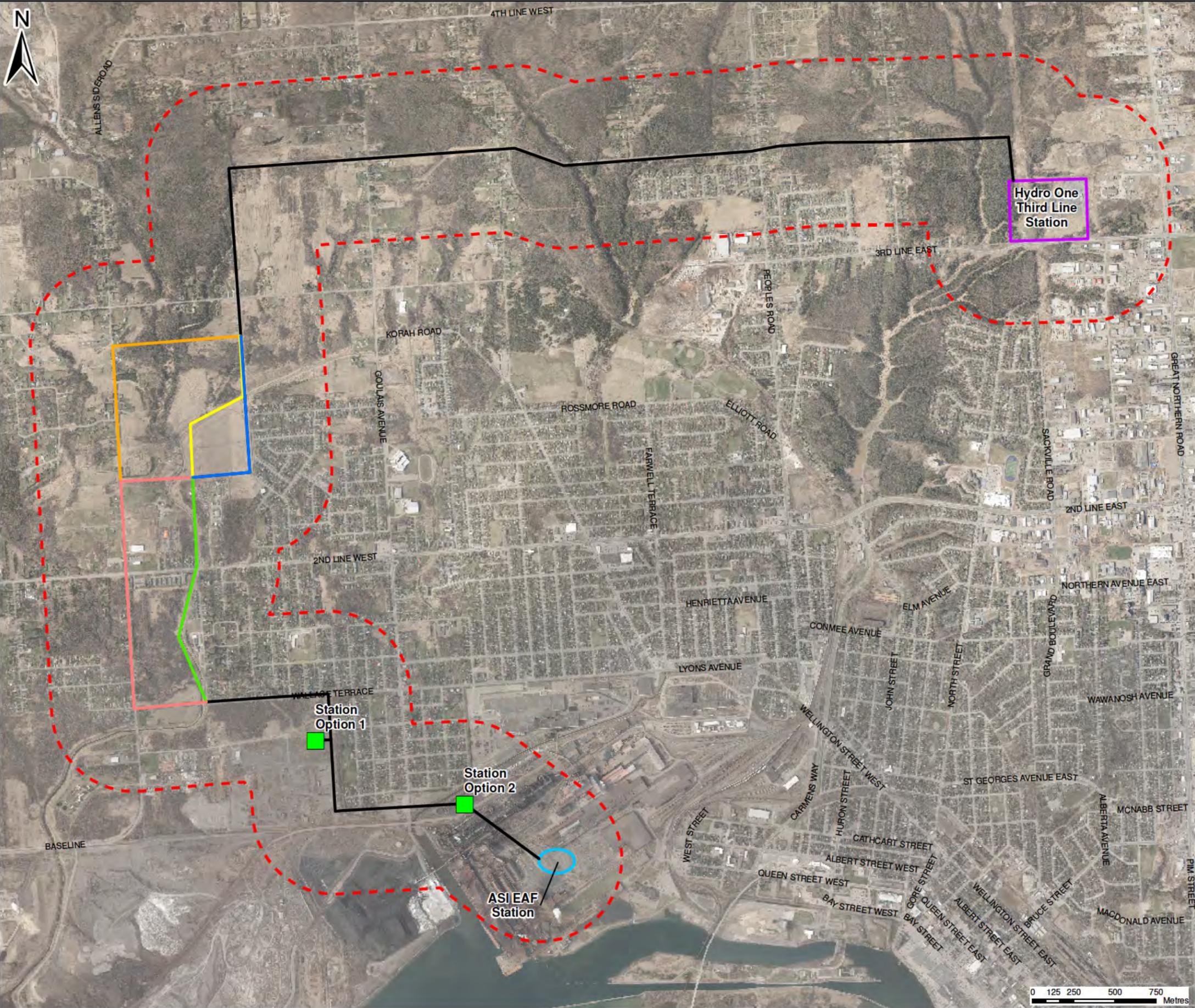




LEGEND:

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CLIENT:			PUC TRANSMISSION LP		
 GOLDER	PROJECT NO.:	221-01502-00	REVIEWED BY:	CS	
	DATE:	MAY 2022	FIGURE:	1	

Attachment #4 – Notice of Public Information Centre #1

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**Notice of Public Information Centre #1
Class Environmental Assessment Study
For the 230 kV Transmission Project**

THE STUDY

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May 25, 2022

Chief Patricia Tangie
Michipicoten First Nation
PO Box 1, Site 8,
RR 1
Wawa, ON, P0S 1K0
Sent via E-mail

Subject: PUC Transmission LP, Minor Transmission Facilities Class Environmental Assessment, Category 'B', Sault Ste. Marie

Dear Chief Tangie,

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WSP Consulting Team

Jeremiah Pariag	Tamara Skillen	Lina ElSetouhy	Jad Murtada
Consultation and Engagement Lead	Director – Environmental Impact Assessment	Environmental Planner	Environmental Planner
WSP Canada Inc.	WSP Canada Inc.	WSP Canada Inc.	WSP Canada Inc.

Dominic Parrella and Jeremiah Pariag will serve as the primary contacts for this project. Their contact information has been included at the end of this letter.

SCOPE OF THE PROJECT

In 2021, PUC was incorporated and approved for a transmission license by the Ontario Energy Board (OEB).

PUC identified the need for a 230 kV transmission line and a new 230/115/34.5 kV station in Sault Ste. Marie to serve the immediate need for increased power supply to Algoma Steel for their new EAF project. PUC has initiated work on development activities, including seeking relevant environmental approvals to construct the 230 kV line, which will be approximately 14 km long, from the Hydro One Third Line Station to the future Algoma Steel EAF Station on its property. This project requires undertaking a Class EA, which began in 2021.

Through the Class EA process, our team conducted an internal preliminary assessment to identify feasible routes (the “Route and Station Options”) for the new 230 kV transmission line and station. The Project Team researched and mapped technical, socioeconomic, and natural environmental constraints to identify potential opportunities to parallel linear infrastructure, such as existing transmission lines and highways, where possible.

Work for preparation of an Environmental Study Report (ESR) for the Project has been initiated. The ESR will examine the alternative route and station options and determine, from an environmental, technical and socio-economic perspective, the preferred route and station location for the Project.

THE PROCESS

The ESR is being prepared in accordance with the Class Environmental Assessment for Minor Transmission Facilities guidance document (2022), which was approved under the Ontario *Environmental Assessment Act* (EA Act). The Class EA process is illustrated in **Attachment #1**.

The Class EA process defines an environmental planning process that meets all requirements of the EA Act, including:

- Name and description of the proposed project;
- A description of the need (justification) for the proposed project;
- A description of the alternatives for the project, including maps;
- A description of a study area for the project and the existing environment;

PUC Services Inc., 500 Second Line
East, P.O. Box 9000,
Sault Ste. Marie, Ontario P6A 6P2

P: 705-759-6522
F: 705-759-6510

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customer.care@ssmpuc.com

- A description of the potential environmental effects (positive and negative);
- A description of the preferred alternative;
- A description of the consultation that was undertaken;
- A description of other applicable permits and approvals required for the project;
- A description of mitigation measures and predicted net effects; and
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The Class EA process applies to Category B transmission projects that are not associated with Category B generation projects. Transmission facilities covered under the Class EA process include:

- a) The planning, design and construction of minor transmission lines and/or transmission stations (including telecommunication stations), and the subsequent operation, maintenance and retirement of these facilities.

“Minor transmission lines” means all transmission lines that:

 - i. Are capable of operating at a nominal voltage of equal to or greater than 115 kilovolts (kV) and less than 345 kV and are greater than 2 kilometres (km) in length; or
 - ii. Are capable of operating at a nominal voltage of equal to or greater than 345 kV and are greater than 2 km and less than 75 km in length.
- b. (Note: Transmission lines that are capable of operating at a nominal voltage of equal to or greater than 345 kV and are equal to or greater than 75 km in length are excluded; those projects are subject to an Individual EA). The planning, design and construction required to modify or upgrade a transmission line, and the subsequent operation, maintenance and retirement of the revised line where:
 - i. The work requires replacement of poles or towers and/or changes in the right-of-way (RoW) for existing transmission lines capable of operating at a nominal voltage of equal to or greater than 115 kV and equal to or less than 500 kV.
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- c. The planning, design and construction required to modify or expand a transmission station, and the subsequent operation, maintenance and retirement of the modified station where:
 - i. Acquisition of additional property is required; and,
 - ii. The modified stations are capable of operating at a nominal voltage level of equal to or greater than 115 kV and equal to or less than 500 kV (where a station has more than one voltage level, the highest level is used in defining the station's nominal operating voltage).

PROJECT SITE

Based on the preliminary assessment, four feasible route options and two new station options were identified. In April 2022, after issuing the Notice of Commencement (**Attachment #2**), PUC introduced the new Route Option 5 based on advancement of preliminary engineering work, information acquired through the Class EA process, and consultation with stakeholders and the public. Specifically, input received from residents and property owners within the Study Area identified land use constraints/opportunities, which resulted in the introduction of Route Option 5.

The route options, including the route refinements as shown in **Attachment #3**, were carried forward for the comparative evaluation.

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Where possible, the Project will be located within existing road allowances. Temporary working space and laydown areas may be required adjacent to these areas to facilitate the movement and storage of equipment necessary for construction. Permanent easements will be required as well. PUC will work with regulators and landowners to identify and secure appropriate working space and easements as required.

TIMELINE & ACTIVITIES

Please refer to **Attachment #1** for a summary of the proposed timing for each of the Class EA phases.

Following the completion of Public Information Centre #1 (PIC #1), subsequent activities will be completed in accordance with the following schedule:

- Select and announce preferred route alternative in Summer 2022;
- Circulate Draft ESR to Indigenous Peoples and Communities and review agencies in early Fall 2022;
- Circulate Final ESR to Indigenous Peoples and Communities, review agencies, and the greater public during the 30-day Public Review period in September 2022; and
- Upon completion of the draft ESR, PUC will issue a Notice of Completion to all stakeholders including municipal, provincial, and federal government officials, as well as, government agencies, Indigenous Peoples and Communities, potentially affected and interested persons, and interest groups.

POTENTIAL STUDY IMPACTS

It is expected that the majority of adverse environmental and/or socio-economic effects will be construction related. These effects are expected to be temporary and transitory. All facilities to be constructed for the Project will also be above ground, no underground facilities are being proposed. Routing will avoid or minimize environmental effect to the extent feasible, and Project components will be constructed to minimize environmental or socioeconomic impacts.

Mitigation measures that will be recommended in the ESR will be followed in conjunction with other provincial and municipal standards. In addition, PUC will use professional judgement, past experience, industry best practices and any additional feedback received through the consultation process when constructing the Project.

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As per the Class EA for Minor Transmission Facilities guidance document, Section 4.1.1, the Project Team contacted the Ministry of Energy on April 25th, 2022, to confirm which Indigenous Peoples and Communities may have an interest in the project. On May 18th, 2022, the Ministry of Energy provided a preliminary list of Indigenous Peoples and Communities that may take an interest in the project based on proximity and/or our knowledge of the treaties and traditional territories associated with these communities. This list includes the following communities:

- Batchewana First Nation;
- Garden River First Nation;
- Michipicoten First Nation;
- MNO Historic Sault Ste. Marie Métis Council; and
- MNO Region 4.

Open engagement with Indigenous Communities, stakeholders, and the public will be a key part of this EA. Reasonable alternatives and input shall be examined and considered based on their respective merits.

Should it be of interest, members of the Project Team would be happy to meet with the appropriate members and/or representatives of your community to engage in discussions about the Class EA process and gather input. PUC willingly accepts responsibility to engage with Michipicoten First Nation as part of the Class EA process and is committed to the open flow of information and ensuring that there are meaningful opportunities for you to provide input during this Study. Should you have an interest in this project, we respectfully request that you inform us of the most appropriate way to share knowledge and information, and the way in which you and your community would like to engage in the Class EA process.

Contact with Indigenous Peoples and Communities, the public, and review agencies involves the formal act of notification and requesting comments and input. Two Public Information Centres (PICs) will be convened for this Study, with the goal of the first PIC being to provide members of the Indigenous Peoples and Communities, the public, and stakeholders with an opportunity to introduce the Study, discuss the project timeline, and outline upcoming environmental studies. As such, the Project Team is excited to announce that the first PIC will be held in-person on **May 26th, 2022** and virtually on **May 31st, 2022**. PIC materials will be made available throughout the commenting period. Comments related to PIC #1 are requested between **May 26th, 2022**, and **June 9th, 2022**; however, comments are welcome at any time during the Study. See **Attachment #4** for further detail on PIC #1.

One subsequent PIC will be scheduled in late Summer 2022 to share project updates and solicit input from Indigenous Peoples and Communities, key stakeholders, and the public.

Per Section 4.3 of the Class EA for Minor Transmission Facilities guidance document, under Section 37 of the *Freedom of Information and Protection of Privacy Act*, comments and information collected under the authority of the Ontario Environmental Assessment Act or information that is collected and maintained for the purpose of creating a record that is available to the general public, including personal information included in a submission – such as name, address, telephone number and property location – is collected, maintained, and disclosed by the Ministry of the Environment, Conservation, and Parks (MECP) for the purpose of transparency and consultation and will become part of the public record. Personal information you submit will become part of a public record that is available to the general public unless you request that your personal information remain confidential. If you have accessibility requirements in order to participate in this project, please let us know and we will make the required accommodations. For more information, please contact the MECP’s Freedom of Information and Privacy Coordinator at 416-327-1434.

PUC Services Inc., 500 Second Line
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P: 705-759-6522
F: 705-759-6510

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NEXT STEPS

Your input and ideas are important to the Study process, and we very much want to engage with your community throughout this Study. If your community has an interest in participating in the project and/or meeting with the Project Team, please indicate this to Dominic and/or Jeremiah using the contact information below. If there is another way in which you would like to engage or share information, please let us know how we can best work with you.

If you are not interested in engaging with this Study but would like us to provide you with updates throughout the project, including notification of future public meetings and study completion, please let us know and we will send you the information as it becomes available. Please let us know as well if you are not interested in participating in this Study.

Yours sincerely,



Dominic Parrella

Executive Lead, Special Projects

PUC Transmission LP

705-941-8386

Dominc.Parrella@ssmpuc.com

Jeremiah Pariag

Consultation and Engagement Lead

WSP Canada Inc.

289-835-2548

Jeremiah.Pariag@wsp.com

cc:

Alex Marques, Community and Land Use Planner, Michipicoten First Nation

Jairus Patterson, Communications Coordinator, PUC Transmission LP

Tamara Skillen, Director of Environmental Impact Assessment – WSP Canada Inc.

Lina ElSetouhy, Environmental Planner – WSP Canada Inc.

Jad Murtada, Environmental Planner – WSP Canada Inc.

Encl.

- Attachment #1 – Class EA Process and Project Schedule
- Attachment #2 – Notice of Commencement
- Attachment #3 – Project Maps
- Attachment #4 – Notice of Public Information Centre #1

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F: 705-759-6510

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Attachment #1 – Class EA Process and Project Schedule

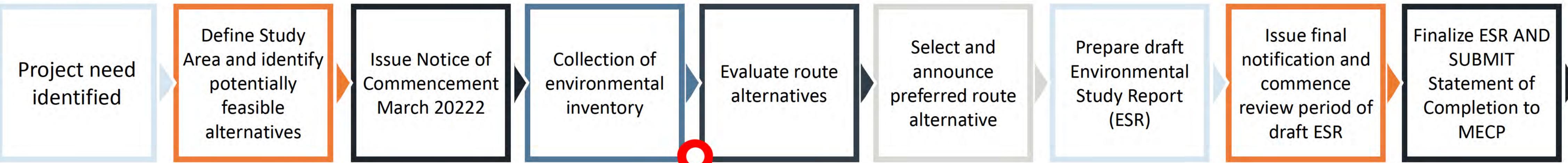
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January 2021 ← February 2022 ← Summer 2022 ← Fall 2022 ← Late Fall 2022 ← September 2022



We are here



Ongoing engagement with Indigenous communities and organizations, community members, elected officials, interest groups and government agencies

Attachment #2 – Notice of Commencement

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P: 705-759-6522
F: 705-759-6510

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**Notice of Study Commencement
Class Environmental Assessment Study
For the 230 kV Transmission Project**

THE STUDY

PUC Transmission LP has initiated a Class Environmental Assessment to evaluate alternatives for a double circuit 230 kV line and a 230/115/34.5 kV substation in the City of Sault St. Marie as part of an expansion of the electrical supply related to load expansion at Algoma Steel. The 230-kV line that will be approximately 14 km long, will start from Third Line Transformer Station (TS), which is located in the City of Sault St. Marie, and will terminate in a new 230/115/34.5 kV substation, which will be located at or near the Algoma Steel plant.

This Study will identify the effects on the environment for the potential circuit routes and determine the preferred route. The Study Area and sites under consideration are shown in the Key Map.

THE PROCESS

The Study is being conducted in accordance with the planning process for Category 'B' projects, subject to the Class Environmental Assessment for Minor Transmission Facilities as amended, approved under the *Ontario Environmental Assessment Act* and *Ontario Regulation (O.Reg.) 116/01* (the electricity project regulation). The Class Environmental Assessment process includes public and agency consultation, the evaluation of alternatives, assessment of the potential effects of the proposed project and the identification of mitigation measures.

The public will have the opportunity to participate in multiple in-person and virtual open houses to discuss the project as the Study proceeds.

To provide comments, request additional information or to be added to the Project mailing list, please contact either of the following Project Team members or visit our website at www.PUCTransmissionLP.com.

Dominic Parrella, P. Eng. Executive Lead, Special Projects PUC Transmission LP Tel.: (705) 941-8386 Email: dominic.parrella@ssmpuc.com	Jeremiah Pariag Consultation and Engagement Lead WSP Canada Inc. Tel.: (289) 835-2548 Email: jeremiah.pariag@wsp.com
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Under the *Freedom of Information and Protection of Privacy Act* (FIOPPA) and the *Access to Information Act*, comments, and information regarding this project, with the exception of personal information, will become part of the public record.



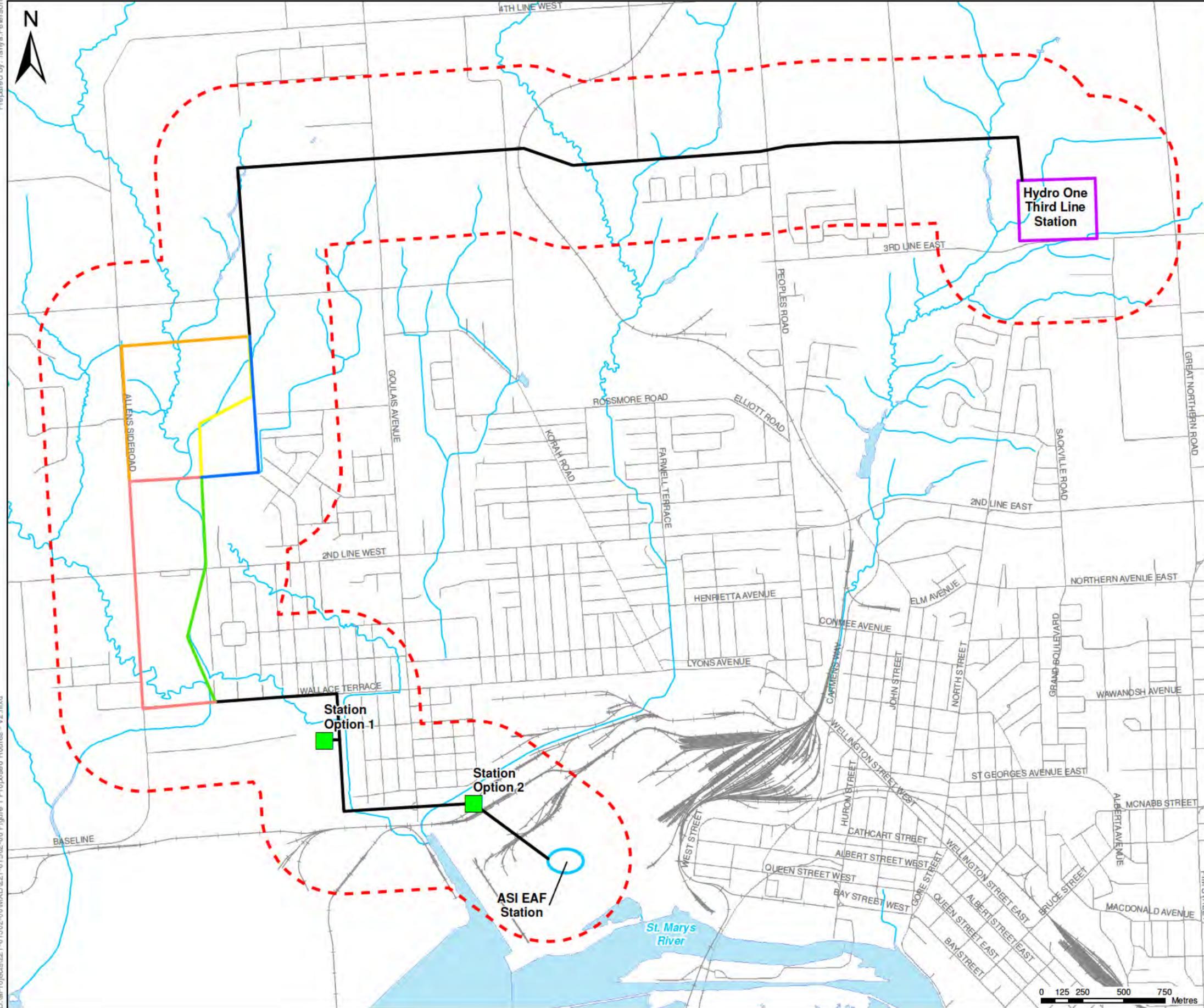
Attachment #3 – Project Maps

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East, P.O. Box 9000,
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P: 705-759-6522
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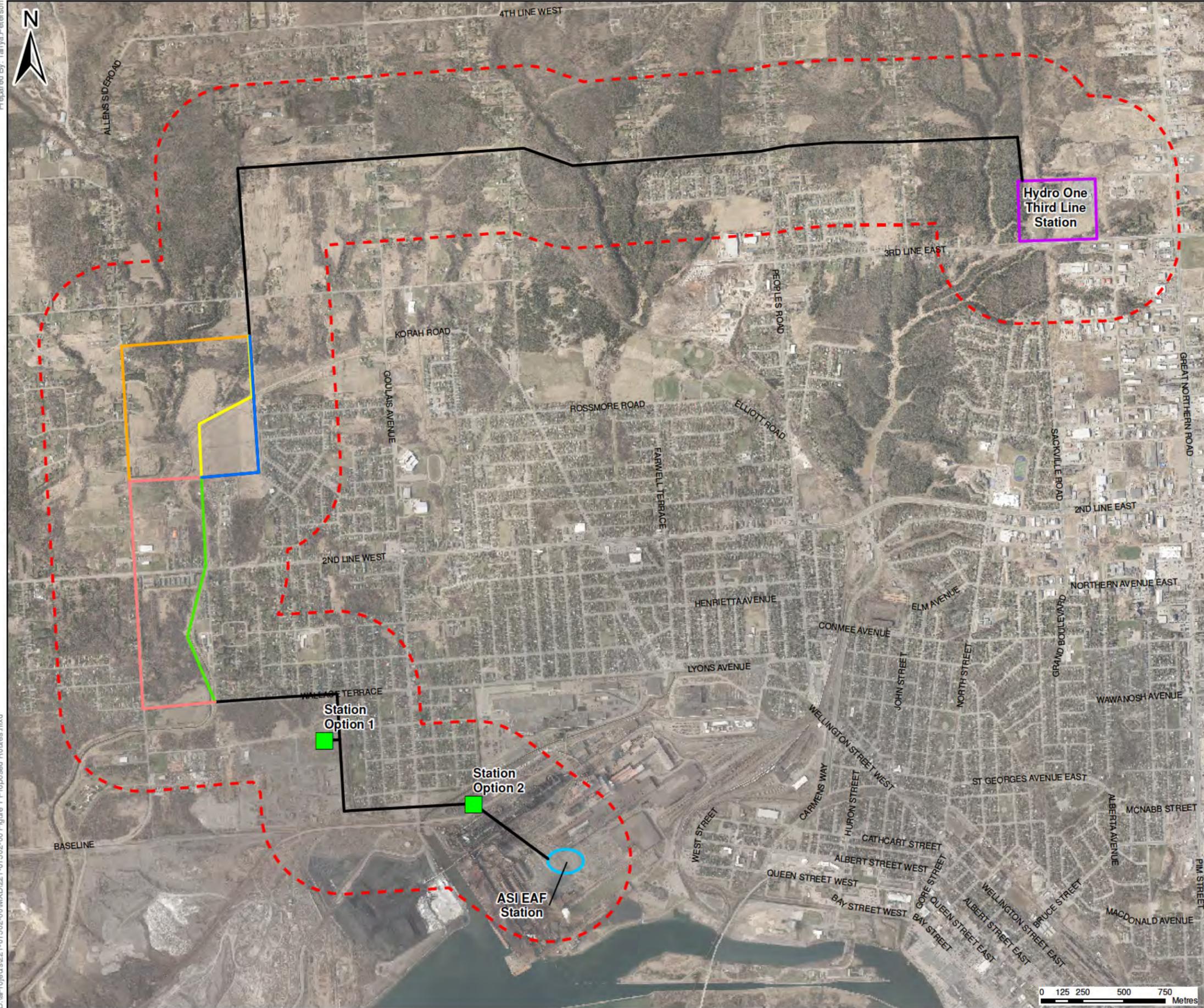




LEGEND:

- ROUTE OPTION 1
- ROUTE OPTION 2
- ROUTE OPTION 3
- ROUTE OPTION 4
- ROUTE OPTION 5
- COMMON ELEMENTS TO ALL OPTIONS
- LOCAL STUDY AREA – 500 m RADIUS
- NEW PUC STATION OPTIONS
- ALGOMA STEEL INC. (ASI) ELECTRIC ARC FURANCE (EAF) STATION
- HYDRO ONE THIRD LINE STATION

TITLE:	PROPOSED STUDY AREA AND ROUTE OPTIONS	
PROJECT:	SAULT STE. MARIE 230 KV TRANSMISSION PROJECT: CLASS EA SAULT STE MARIE, ONTARIO	
CLIENT:	PUC TRANSMISSION LP	
	PROJECT NO.: 221-01502-00	REVIEWED BY: CS
	DATE: MAY 2022	FIGURE: 1



LEGEND:

- ROUTE OPTION 1
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 GOLDER	PROJECT NO.: 221-01502-00	REVIEWED BY: CS
	DATE: MAY 2022	FIGURE: 1

Attachment #4 – Notice of Public Information Centre #1

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East, P.O. Box 9000,
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P: 705-759-6522
F: 705-759-6510

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**Notice of Public Information Centre #1
Class Environmental Assessment Study
For the 230 kV Transmission Project**

THE STUDY

In March 2022, PUC Transmission LP initiated a Class Environmental Assessment (EA) to evaluate alternatives for a double circuit 230 kilovolt (kV) line and a 230/115/34.5 kV substation in the City of Sault Ste. Marie, as part of an electrical supply expansion related to load increases at Algoma Steel. The 230 kV line that will be approximately 14 km long, will start from Third Line Transformer Station (TS) in the City of Sault Ste. Marie, and will terminate in a new 230/115/34.5 kV substation, which will be located at or near the Algoma Steel plant. There are two location options for the new substation.

This study will identify the potential effects on the environment from each of the circuit route and substation location options, and then determine the preferred options. The Study Area, route options, and substation location options under consideration are shown in the attached map.

PUBLIC INFORMATION CENTRE #1

Public input and feedback are an important part of project planning, and the Class EA process provides opportunities for us to hear from you. We encourage you to attend our upcoming Public Information Centre (PIC) to learn more about the route and station options, and the selection process. Members of the Project Team will be available to discuss the approvals process, environmental studies, considerations, and mitigations, as well as the anticipated construction schedule.

IN-PERSON PIC #1 DETAILS*	VIRTUAL PIC #1 DETAILS
Date: May 26 th , 2022	Date: May 31 st , 2022
Time: 4:30PM to 7:30PM	Time: 6:00PM to 7:30PM
Location: Northern Community Centre (556 Goulais Ave, Sault Ste. Marie, ON, P6C 5A7)	Location: To be held virtually via Zoom (Link to be provided upon registration)
Registration: Please sign-in at the PIC	Registration: visit www.PUCTransmissionLP.com
* Please note that masks are required for the in-person PIC.	

To provide comments, request additional information, or be added to the Project mailing list, please contact either of the following Project Team members or visit our website at:

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Dominic Parrella, P. Eng. Executive Lead, Special Projects PUC Transmission LP 705-941-8386 dominic.parrella@ssmpuc.com	Jeremiah Pariag Consultation and Engagement Lead WSP Canada Inc. 289-835-2548 jeremiah.pariag@wsp.com
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May 25, 2022

President Kim Powley
MNO Historic Sault Ste. Marie Métis Council
26 Queen Street East
Sault Ste. Marie, ON, P6A 1Y3

Sent via E-mail

Subject: PUC Transmission LP, Minor Transmission Facilities Class Environmental Assessment, Category 'B', Sault Ste. Marie

Dear Kim Powley,

PUC Transmission LP (PUC) has retained WSP Canada Inc. to undertake the Category 'B' Minor Transmission Facilities Class Environmental Assessment (EA) Study prior to constructing a 230 kilovolt (kV) transmission line and station in Sault Ste. Marie, Ontario. This transmission line and station are proposed to serve the increased electrical needs of Algoma Steel due to the addition of new electric arc furnaces (EAFs) to replace the existing blast furnaces. PUC has initiated planning for the development activities, including seeking relevant environmental approvals to construct a transmission line from the Hydro One Third Line Station to the future Algoma Steel EAF Station.

PROJECT TEAM

We would like to introduce you to the Project Team:

PUC Project Team

Dominic Parrella

Executive Lead, Special Projects

PUC Services Inc.

Jairus Patterson

Communications Coordinator

PUC Services Inc.

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Dominic Parrella and Jeremiah Pariag will serve as the primary contacts for this project. Their contact information has been included at the end of this letter.

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PUC identified the need for a 230 kV transmission line and a new 230/115/34.5 kV station in Sault Ste. Marie to serve the immediate need for increased power supply to Algoma Steel for their new EAF project. PUC has initiated work on development activities, including seeking relevant environmental approvals to construct the 230 kV line, which will be approximately 14 km long, from the Hydro One Third Line Station to the future Algoma Steel EAF Station on its property. This project requires undertaking a Class EA, which began in 2021.

Through the Class EA process, our team conducted an internal preliminary assessment to identify feasible routes (the “Route and Station Options”) for the new 230 kV transmission line and station. The Project Team researched and mapped technical, socioeconomic, and natural environmental constraints to identify potential opportunities to parallel linear infrastructure, such as existing transmission lines and highways, where possible.

Work for preparation of an Environmental Study Report (ESR) for the Project has been initiated. The ESR will examine the alternative route and station options and determine, from an environmental, technical and socio-economic perspective, the preferred route and station location for the Project.

THE PROCESS

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One subsequent PIC will be scheduled in late Summer 2022 to share project updates and solicit input from Indigenous Peoples and Communities, key stakeholders, and the public.

Per Section 4.3 of the Class EA for Minor Transmission Facilities guidance document, under Section 37 of the *Freedom of Information and Protection of Privacy Act*, comments and information collected under the authority of the Ontario Environmental Assessment Act or information that is collected and maintained for the purpose of creating a record that is available to the general public, including personal information included in a submission – such as name, address, telephone number and property location – is collected, maintained, and disclosed by the Ministry of the Environment, Conservation, and Parks (MECP) for the purpose of transparency and consultation and will become part of the public record. Personal information you submit will become part of a public record that is available to the general public unless you request that your personal information remain confidential. If you have accessibility requirements in order to participate in this project, please let us know and we will make the required accommodations. For more information, please contact the MECP’s Freedom of Information and Privacy Coordinator at 416-327-1434.

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East, P.O. Box 9000,
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P: 705-759-6522
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ssmpuc.com
customer.care@ssmpuc.com

NEXT STEPS

Your input and ideas are important to the Study process, and we very much want to engage with your community throughout this Study. If your community has an interest in participating in the project and/or meeting with the Project Team, please indicate this to Dominic and/or Jeremiah using the contact information below. If there is another way in which you would like to engage or share information, please let us know how we can best work with you.

If you are not interested in engaging with this Study but would like us to provide you with updates throughout the project, including notification of future public meetings and study completion, please let us know and we will send you the information as it becomes available. Please let us know as well if you are not interested in participating in this Study.

Yours sincerely,



Dominic Parrella

Executive Lead, Special Projects

PUC Transmission LP

705-941-8386

Dominc.Parrella@ssmpuc.com

Jeremiah Pariag

Consultation and Engagement Lead

WSP Canada Inc.

289-835-2548

Jeremiah.Pariag@wsp.com

cc:

Jairus Patterson, Communications Coordinator, PUC Transmission LP

Tamara Skillen, Director of Environmental Impact Assessment – WSP Canada Inc.

Lina ElSetouhy, Environmental Planner – WSP Canada Inc.

Jad Murtada, Environmental Planner – WSP Canada Inc.

Encl.

- Attachment #1 – Class EA Process and Project Schedule
- Attachment #2 – Notice of Commencement
- Attachment #3 – Project Maps
- Attachment #4 – Notice of Public Information Centre #1

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Attachment #1 – Class EA Process and Project Schedule

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January 2021 ← February 2022 ← Summer 2022 ← Fall 2022 ← Late Fall 2022 ← September 2022



We are here

Ongoing engagement with Indigenous communities and organizations, community members, elected officials, interest groups and government agencies

Attachment #2 – Notice of Commencement

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**Notice of Study Commencement
Class Environmental Assessment Study
For the 230 kV Transmission Project**

THE STUDY

PUC Transmission LP has initiated a Class Environmental Assessment to evaluate alternatives for a double circuit 230 kV line and a 230/115/34.5 kV substation in the City of Sault St. Marie as part of an expansion of the electrical supply related to load expansion at Algoma Steel. The 230-kV line that will be approximately 14 km long, will start from Third Line Transformer Station (TS), which is located in the City of Sault St. Marie, and will terminate in a new 230/115/34.5 kV substation, which will be located at or near the Algoma Steel plant.

This Study will identify the effects on the environment for the potential circuit routes and determine the preferred route. The Study Area and sites under consideration are shown in the Key Map.

THE PROCESS

The Study is being conducted in accordance with the planning process for Category 'B' projects, subject to the Class Environmental Assessment for Minor Transmission Facilities as amended, approved under the *Ontario Environmental Assessment Act* and *Ontario Regulation (O.Reg.) 116/01* (the electricity project regulation). The Class Environmental Assessment process includes public and agency consultation, the evaluation of alternatives, assessment of the potential effects of the proposed project and the identification of mitigation measures.

The public will have the opportunity to participate in multiple in-person and virtual open houses to discuss the project as the Study proceeds.

To provide comments, request additional information or to be added to the Project mailing list, please contact either of the following Project Team members or visit our website at www.PUCTransmissionLP.com.

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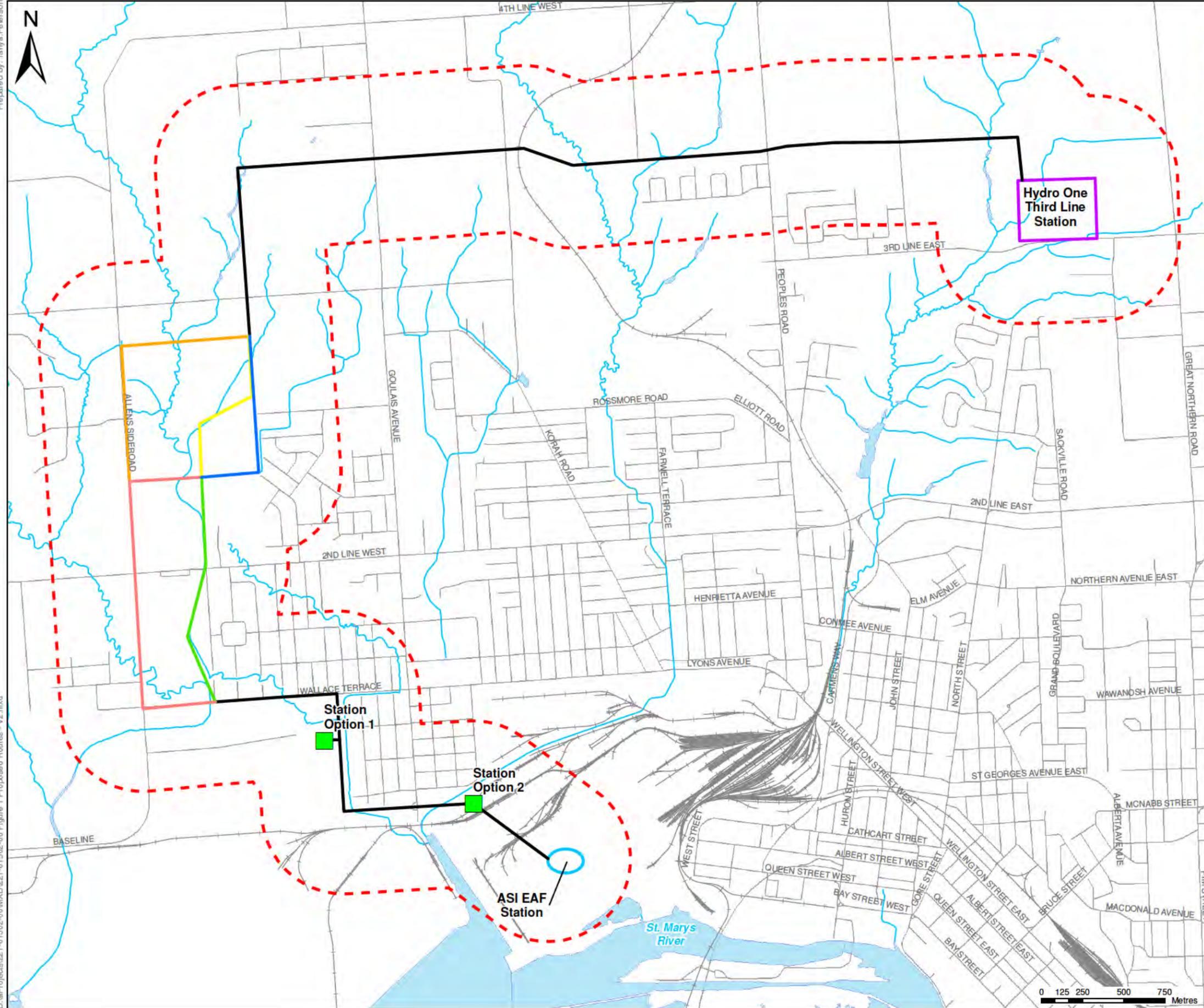
Attachment #3 – Project Maps

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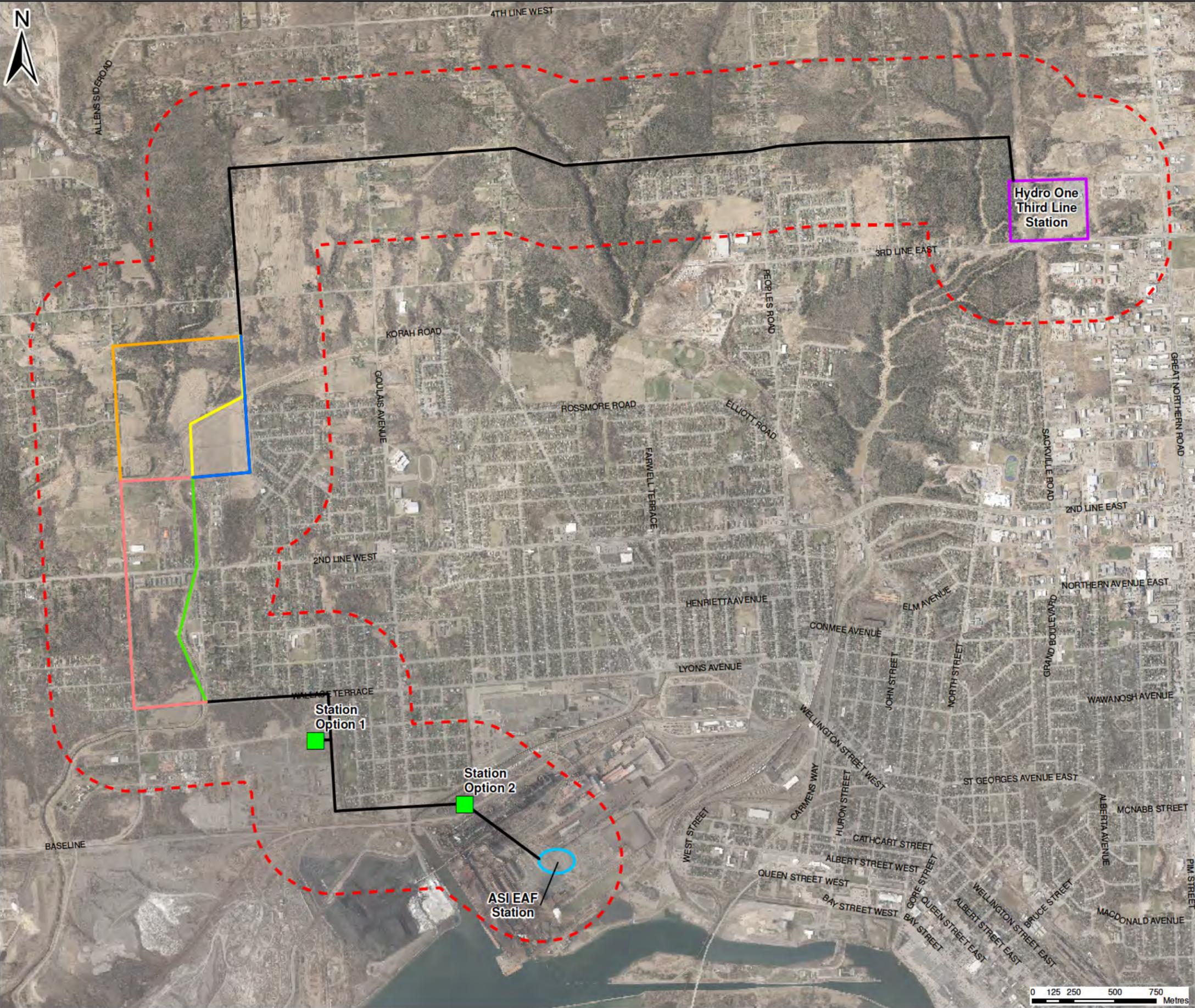
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- LEGEND:**
- ROUTE OPTION 1
 - ROUTE OPTION 2
 - ROUTE OPTION 3
 - ROUTE OPTION 4
 - ROUTE OPTION 5
 - COMMON ELEMENTS TO ALL OPTIONS
 - LOCAL STUDY AREA – 500 m RADIUS
 - NEW PUC STATION OPTIONS
 - ALGOMA STEEL INC. (ASI) ELECTRIC ARC FURANCE (EAF) STATION
 - HYDRO ONE THIRD LINE STATION

TITLE: PROPOSED STUDY AREA AND ROUTE OPTIONS		
PROJECT: SAULT STE. MARIE 230 KV TRANSMISSION PROJECT: CLASS EA SAULT STE MARIE, ONTARIO		
CLIENT: PUC TRANSMISSION LP		
	PROJECT NO.:	REVIEWED BY:
	221-01502-00	CS
	DATE:	FIGURE:
	MAY 2022	1



LEGEND:

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PROJECT: SAULT STE. MARIE 230 KV TRANSMISSION PROJECT: CLASS EA SAULT STE MARIE, ONTARIO

CLIENT: PUC TRANSMISSION LP

 GOLDER	PROJECT NO.: 221-01502-00	REVIEWED BY: CS
	DATE: MAY 2022	FIGURE: 1

Attachment #4 – Notice of Public Information Centre #1

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Sault Ste. Marie, Ontario P6A 6P2

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F: 705-759-6510

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**Notice of Public Information Centre #1
Class Environmental Assessment Study
For the 230 kV Transmission Project**

THE STUDY

In March 2022, PUC Transmission LP initiated a Class Environmental Assessment (EA) to evaluate alternatives for a double circuit 230 kilovolt (kV) line and a 230/115/34.5 kV substation in the City of Sault Ste. Marie, as part of an electrical supply expansion related to load increases at Algoma Steel. The 230 kV line that will be approximately 14 km long, will start from Third Line Transformer Station (TS) in the City of Sault Ste. Marie, and will terminate in a new 230/115/34.5 kV substation, which will be located at or near the Algoma Steel plant. There are two location options for the new substation.

This study will identify the potential effects on the environment from each of the circuit route and substation location options, and then determine the preferred options. The Study Area, route options, and substation location options under consideration are shown in the attached map.

PUBLIC INFORMATION CENTRE #1

Public input and feedback are an important part of project planning, and the Class EA process provides opportunities for us to hear from you. We encourage you to attend our upcoming Public Information Centre (PIC) to learn more about the route and station options, and the selection process. Members of the Project Team will be available to discuss the approvals process, environmental studies, considerations, and mitigations, as well as the anticipated construction schedule.

IN-PERSON PIC #1 DETAILS*	VIRTUAL PIC #1 DETAILS
Date: May 26 th , 2022	Date: May 31 st , 2022
Time: 4:30PM to 7:30PM	Time: 6:00PM to 7:30PM
Location: Northern Community Centre (556 Goulais Ave, Sault Ste. Marie, ON, P6C 5A7)	Location: To be held virtually via Zoom (Link to be provided upon registration)
Registration: Please sign-in at the PIC	Registration: visit www.PUCTransmissionLP.com
* Please note that masks are required for the in-person PIC.	

To provide comments, request additional information, or be added to the Project mailing list, please contact either of the following Project Team members or visit our website at:

www.PUCTransmissionLP.com.

Dominic Parrella, P. Eng. Executive Lead, Special Projects PUC Transmission LP 705-941-8386 dominic.parrella@ssmpuc.com	Jeremiah Pariag Consultation and Engagement Lead WSP Canada Inc. 289-835-2548 jeremiah.pariag@wsp.com
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May 25, 2022

Justin Hunt
MNO Region 4

Sent via E-mail

Subject: PUC Transmission LP, Minor Transmission Facilities Class Environmental Assessment, Category 'B', Sault Ste. Marie

Dear Justin Hunt,

PUC Transmission LP (PUC) has retained WSP Canada Inc. to undertake the Category 'B' Minor Transmission Facilities Class Environmental Assessment (EA) Study prior to constructing a 230 kilovolt (kV) transmission line and station in Sault Ste. Marie, Ontario. This transmission line and station are proposed to serve the increased electrical needs of Algoma Steel due to the addition of new electric arc furnaces (EAFs) to replace the existing blast furnaces. PUC has initiated planning for the development activities, including seeking relevant environmental approvals to construct a transmission line from the Hydro One Third Line Station to the future Algoma Steel EAF Station.

PROJECT TEAM

We would like to introduce you to the Project Team:

PUC Project Team

Dominic Parrella

Executive Lead, Special Projects

PUC Services Inc.

Jairus Patterson

Communications Coordinator

PUC Services Inc.

PUC Services Inc., 500 Second Line
East, P.O. Box 9000,
Sault Ste. Marie, Ontario P6A 6P2

P: 705-759-6522
F: 705-759-6510

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WSP Consulting Team

Jeremiah Pariag	Tamara Skillen	Lina ElSetouhy	Jad Murtada
Consultation and Engagement Lead	Director – Environmental Impact Assessment	Environmental Planner	Environmental Planner
WSP Canada Inc.	WSP Canada Inc.	WSP Canada Inc.	WSP Canada Inc.

Dominic Parrella and Jeremiah Pariag will serve as the primary contacts for this project. Their contact information has been included at the end of this letter.

SCOPE OF THE PROJECT

In 2021, PUC was incorporated and approved for a transmission license by the Ontario Energy Board (OEB).

PUC identified the need for a 230 kV transmission line and a new 230/115/34.5 kV station in Sault Ste. Marie to serve the immediate need for increased power supply to Algoma Steel for their new EAF project. PUC has initiated work on development activities, including seeking relevant environmental approvals to construct the 230 kV line, which will be approximately 14 km long, from the Hydro One Third Line Station to the future Algoma Steel EAF Station on its property. This project requires undertaking a Class EA, which began in 2021.

Through the Class EA process, our team conducted an internal preliminary assessment to identify feasible routes (the “Route and Station Options”) for the new 230 kV transmission line and station. The Project Team researched and mapped technical, socioeconomic, and natural environmental constraints to identify potential opportunities to parallel linear infrastructure, such as existing transmission lines and highways, where possible.

Work for preparation of an Environmental Study Report (ESR) for the Project has been initiated. The ESR will examine the alternative route and station options and determine, from an environmental, technical and socio-economic perspective, the preferred route and station location for the Project.

THE PROCESS

The ESR is being prepared in accordance with the Class Environmental Assessment for Minor Transmission Facilities guidance document (2022), which was approved under the Ontario *Environmental Assessment Act* (EA Act). The Class EA process is illustrated in **Attachment #1**.

The Class EA process defines an environmental planning process that meets all requirements of the EA Act, including:

- Name and description of the proposed project;
- A description of the need (justification) for the proposed project;
- A description of the alternatives for the project, including maps;
- A description of a study area for the project and the existing environment;

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- A description of the potential environmental effects (positive and negative);
- A description of the preferred alternative;
- A description of the consultation that was undertaken;
- A description of other applicable permits and approvals required for the project;
- A description of mitigation measures and predicted net effects; and
- A description of any required environmental monitoring.

The Class EA process describes the process that must be followed for a defined class of projects/undertakings in order to meet the requirements of the EA Act.

The Class EA process applies to Category B transmission projects that are not associated with Category B generation projects. Transmission facilities covered under the Class EA process include:

- a) The planning, design and construction of minor transmission lines and/or transmission stations (including telecommunication stations), and the subsequent operation, maintenance and retirement of these facilities.

“Minor transmission lines” means all transmission lines that:

 - i. Are capable of operating at a nominal voltage of equal to or greater than 115 kilovolts (kV) and less than 345 kV and are greater than 2 kilometres (km) in length; or
 - ii. Are capable of operating at a nominal voltage of equal to or greater than 345 kV and are greater than 2 km and less than 75 km in length.
- b. (Note: Transmission lines that are capable of operating at a nominal voltage of equal to or greater than 345 kV and are equal to or greater than 75 km in length are excluded; those projects are subject to an Individual EA). The planning, design and construction required to modify or upgrade a transmission line, and the subsequent operation, maintenance and retirement of the revised line where:
 - i. The work requires replacement of poles or towers and/or changes in the right-of-way (RoW) for existing transmission lines capable of operating at a nominal voltage of equal to or greater than 115 kV and equal to or less than 500 kV.
 - ii. The modified or upgraded existing lines would operate at a nominal voltage of equal to or greater than 115 kV, and equal to or less than 500 kV (nominal voltage).
- c. The planning, design and construction required to modify or expand a transmission station, and the subsequent operation, maintenance and retirement of the modified station where:
 - i. Acquisition of additional property is required; and,
 - ii. The modified stations are capable of operating at a nominal voltage level of equal to or greater than 115 kV and equal to or less than 500 kV (where a station has more than one voltage level, the highest level is used in defining the station's nominal operating voltage).

PROJECT SITE

Based on the preliminary assessment, four feasible route options and two new station options were identified. In April 2022, after issuing the Notice of Commencement (**Attachment #2**), PUC introduced the new Route Option 5 based on advancement of preliminary engineering work, information acquired through the Class EA process, and consultation with stakeholders and the public. Specifically, input received from residents and property owners within the Study Area identified land use constraints/opportunities, which resulted in the introduction of Route Option 5.

The route options, including the route refinements as shown in **Attachment #3**, were carried forward for the comparative evaluation.

No other viable alternatives were identified for the proposed 230 kV transmission line and station due to the configuration of equipment within and around the future EAF station and Hydro One Third Line Station.

Where possible, the Project will be located within existing road allowances. Temporary working space and laydown areas may be required adjacent to these areas to facilitate the movement and storage of equipment necessary for construction. Permanent easements will be required as well. PUC will work with regulators and landowners to identify and secure appropriate working space and easements as required.

TIMELINE & ACTIVITIES

Please refer to **Attachment #1** for a summary of the proposed timing for each of the Class EA phases.

Following the completion of Public Information Centre #1 (PIC #1), subsequent activities will be completed in accordance with the following schedule:

- Select and announce preferred route alternative in Summer 2022;
- Circulate Draft ESR to Indigenous Peoples and Communities and review agencies in early Fall 2022;
- Circulate Final ESR to Indigenous Peoples and Communities, review agencies, and the greater public during the 30-day Public Review period in September 2022; and
- Upon completion of the draft ESR, PUC will issue a Notice of Completion to all stakeholders including municipal, provincial, and federal government officials, as well as, government agencies, Indigenous Peoples and Communities, potentially affected and interested persons, and interest groups.

POTENTIAL STUDY IMPACTS

It is expected that the majority of adverse environmental and/or socio-economic effects will be construction related. These effects are expected to be temporary and transitory. All facilities to be constructed for the Project will also be above ground, no underground facilities are being proposed. Routing will avoid or minimize environmental effect to the extent feasible, and Project components will be constructed to minimize environmental or socioeconomic impacts.

Mitigation measures that will be recommended in the ESR will be followed in conjunction with other provincial and municipal standards. In addition, PUC will use professional judgement, past experience, industry best practices and any additional feedback received through the consultation process when constructing the Project.

CONSULTATION AND ENGAGEMENT

As per the Class EA for Minor Transmission Facilities guidance document, Section 4.1.1, the Project Team contacted the Ministry of Energy on April 25th, 2022, to confirm which Indigenous Peoples and Communities may have an interest in the project. On May 18th, 2022, the Ministry of Energy provided a preliminary list of Indigenous Peoples and Communities that may take an interest in the project based on proximity and/or our knowledge of the treaties and traditional territories associated with these communities. This list includes the following communities:

- Batchewana First Nation;
- Garden River First Nation;
- Michipicoten First Nation;
- MNO Historic Sault Ste. Marie Métis Council; and
- MNO Region 4.

Open engagement with Indigenous Communities, stakeholders, and the public will be a key part of this EA. Reasonable alternatives and input shall be examined and considered based on their respective merits.

Should it be of interest, members of the Project Team would be happy to meet with the appropriate members and/or representatives of your community to engage in discussions about the Class EA process and gather input. PUC willingly accepts responsibility to engage with MNO Region 4 as part of the Class EA process and is committed to the open flow of information and ensuring that there are meaningful opportunities for you to provide input during this Study. Should you have an interest in this project, we respectfully request that you inform us of the most appropriate way to share knowledge and information, and the way in which you and your community would like to engage in the Class EA process.

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One subsequent PIC will be scheduled in late Summer 2022 to share project updates and solicit input from Indigenous Peoples and Communities, key stakeholders, and the public.

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Yours sincerely,



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Encl.

- Attachment #1 – Class EA Process and Project Schedule
- Attachment #2 – Notice of Commencement
- Attachment #3 – Project Maps
- Attachment #4 – Notice of Public Information Centre #1

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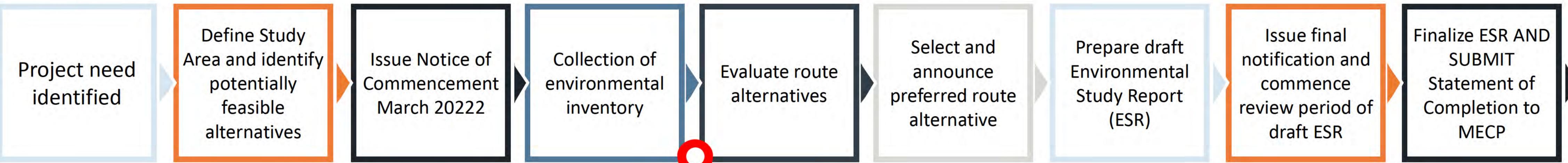
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Attachment #2 – Notice of Commencement

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**Notice of Study Commencement
Class Environmental Assessment Study
For the 230 kV Transmission Project**

THE STUDY

PUC Transmission LP has initiated a Class Environmental Assessment to evaluate alternatives for a double circuit 230 kV line and a 230/115/34.5 kV substation in the City of Sault St. Marie as part of an expansion of the electrical supply related to load expansion at Algoma Steel. The 230-kV line that will be approximately 14 km long, will start from Third Line Transformer Station (TS), which is located in the City of Sault St. Marie, and will terminate in a new 230/115/34.5 kV substation, which will be located at or near the Algoma Steel plant.

This Study will identify the effects on the environment for the potential circuit routes and determine the preferred route. The Study Area and sites under consideration are shown in the Key Map.

THE PROCESS

The Study is being conducted in accordance with the planning process for Category 'B' projects, subject to the Class Environmental Assessment for Minor Transmission Facilities as amended, approved under the *Ontario Environmental Assessment Act* and *Ontario Regulation (O.Reg.) 116/01* (the electricity project regulation). The Class Environmental Assessment process includes public and agency consultation, the evaluation of alternatives, assessment of the potential effects of the proposed project and the identification of mitigation measures.

The public will have the opportunity to participate in multiple in-person and virtual open houses to discuss the project as the Study proceeds.

To provide comments, request additional information or to be added to the Project mailing list, please contact either of the following Project Team members or visit our website at www.PUCTransmissionLP.com.

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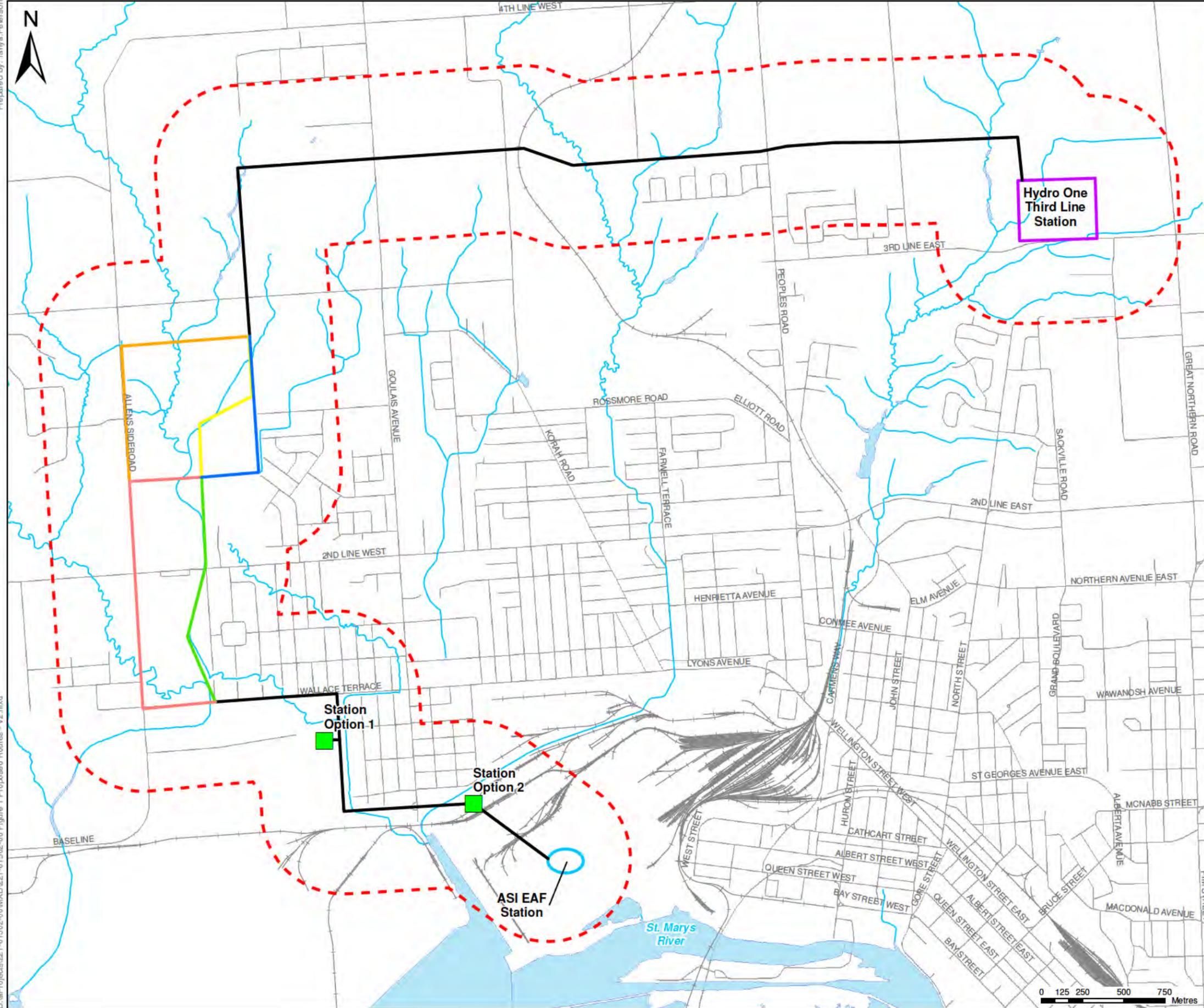
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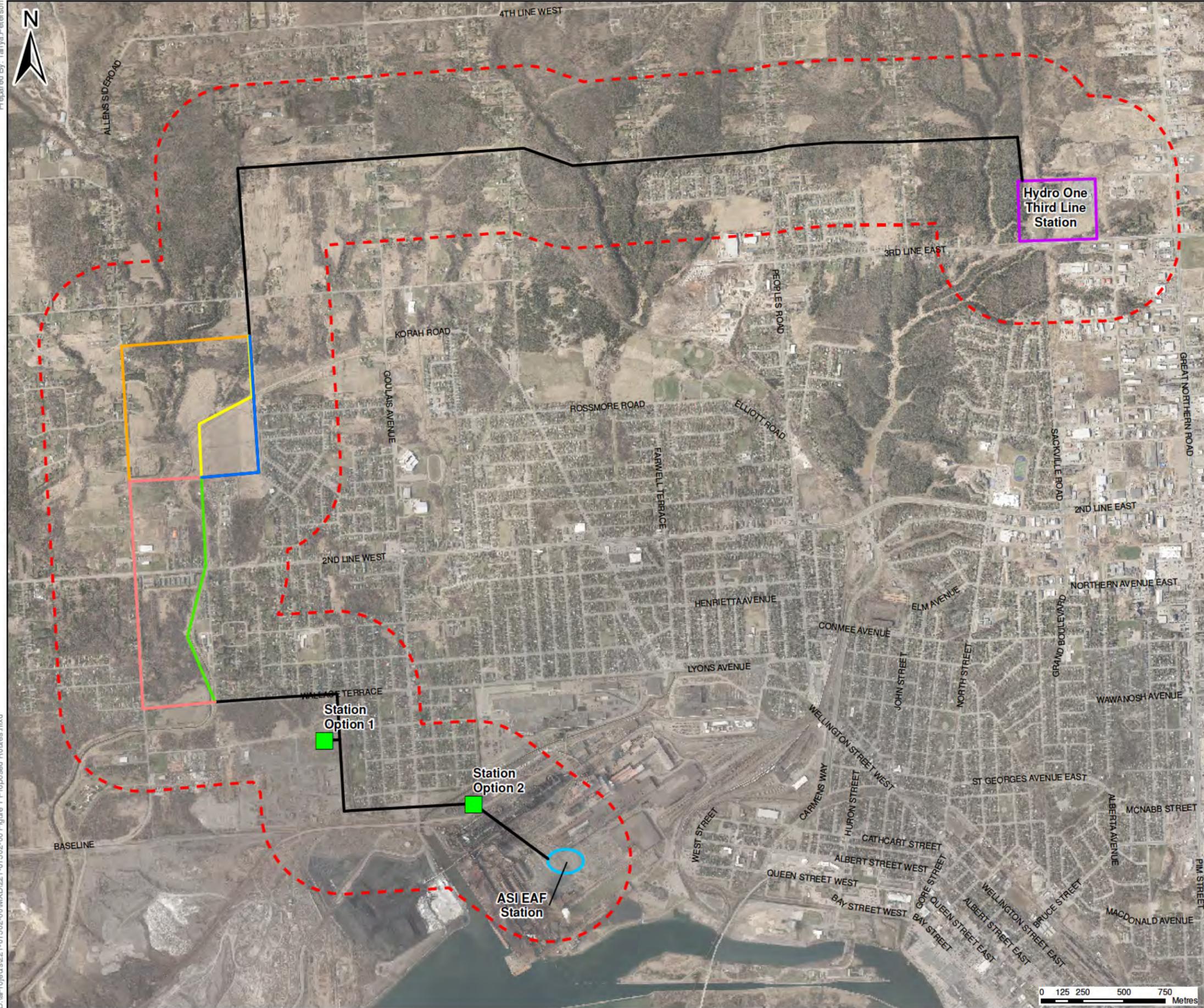
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- ROUTE OPTION 2
- ROUTE OPTION 3
- ROUTE OPTION 4
- ROUTE OPTION 5
- COMMON ELEMENTS TO ALL OPTIONS
- LOCAL STUDY AREA – 500 m RADIUS
- NEW PUC STATION OPTIONS
- ALGOMA STEEL INC. (ASI) ELECTRIC ARC FURANCE (EAF) STATION
- HYDRO ONE THIRD LINE STATION

TITLE: PROPOSED STUDY AREA AND ROUTE OPTIONS		
PROJECT: SAULT STE. MARIE 230 KV TRANSMISSION PROJECT: CLASS EA SAULT STE MARIE, ONTARIO		
CLIENT: PUC TRANSMISSION LP		
 GOLDER	PROJECT NO.: 221-01502-00	REVIEWED BY: CS
	DATE: MAY 2022	FIGURE: 1

Attachment #4 – Notice of Public Information Centre #1

PUC Services Inc., 500 Second Line
East, P.O. Box 9000,
Sault Ste. Marie, Ontario P6A 6P2

P: 705-759-6522
F: 705-759-6510

ssmpuc.com
customer.care@ssmpuc.com



**Notice of Public Information Centre #1
Class Environmental Assessment Study
For the 230 kV Transmission Project**

THE STUDY

In March 2022, PUC Transmission LP initiated a Class Environmental Assessment (EA) to evaluate alternatives for a double circuit 230 kilovolt (kV) line and a 230/115/34.5 kV substation in the City of Sault Ste. Marie, as part of an electrical supply expansion related to load increases at Algoma Steel. The 230 kV line that will be approximately 14 km long, will start from Third Line Transformer Station (TS) in the City of Sault Ste. Marie, and will terminate in a new 230/115/34.5 kV substation, which will be located at or near the Algoma Steel plant. There are two location options for the new substation.

This study will identify the potential effects on the environment from each of the circuit route and substation location options, and then determine the preferred options. The Study Area, route options, and substation location options under consideration are shown in the attached map.

PUBLIC INFORMATION CENTRE #1

Public input and feedback are an important part of project planning, and the Class EA process provides opportunities for us to hear from you. We encourage you to attend our upcoming Public Information Centre (PIC) to learn more about the route and station options, and the selection process. Members of the Project Team will be available to discuss the approvals process, environmental studies, considerations, and mitigations, as well as the anticipated construction schedule.

IN-PERSON PIC #1 DETAILS*	VIRTUAL PIC #1 DETAILS
Date: May 26 th , 2022	Date: May 31 st , 2022
Time: 4:30PM to 7:30PM	Time: 6:00PM to 7:30PM
Location: Northern Community Centre (556 Goulais Ave, Sault Ste. Marie, ON, P6C 5A7)	Location: To be held virtually via Zoom (Link to be provided upon registration)
Registration: Please sign-in at the PIC	Registration: visit www.PUCTransmissionLP.com
* Please note that masks are required for the in-person PIC.	

To provide comments, request additional information, or be added to the Project mailing list, please contact either of the following Project Team members or visit our website at:

www.PUCTransmissionLP.com.

Dominic Parrella, P. Eng. Executive Lead, Special Projects PUC Transmission LP 705-941-8386 dominic.parrella@ssmpuc.com	Jeremiah Pariag Consultation and Engagement Lead WSP Canada Inc. 289-835-2548 jeremiah.pariag@wsp.com
---	---

Under the *Freedom of Information and Protection of Privacy Act* (FIOPPA) and the *Access to Information Act*, comments, and information regarding this project, with the exception of personal information, will become part of the public record.



From: [ElSetouhy, Lina](#)
To: ["chiefdeansayers@batchewana.ca"](mailto:chiefdeansayers@batchewana.ca)
Cc: ["dansayers@batchewana.ca"](mailto:dansayers@batchewana.ca); ["Jairus Patterson"](#); [Pariag, Jeremiah](#); ["Dominic Parrella"](#); [Skillen, Tamara](#)
Subject: PUC Transmission LP - Notice of Public Information Centre #1 for Class Environmental Assessment of new 230 kV Transmission Line and Station
Date: May 25, 2022 11:01:00 AM
Attachments: [Indigenous Communities Notice of PIC Letter \(Batchewana First Nation\).pdf](#)

Hello Chief Sayers,

Please see the attached letter the upcoming Public Information Centre (PIC) #1 and information regarding the Class Environmental Assessment for PUC Transmission LP's proposed new 230 kV Transmission line and station in Sault Ste. Marie.

PIC #1 will take place as follows:

IN-PERSON PIC #1 DETAILS*

Date: May 26th, 2022
Time: 4:30PM to 7:30PM
Location: Northern Community Centre
(556 Goulais Ave, Sault Ste. Marie, ON, P6C 5A7)
Registration: Please sign-in at the PIC

VIRTUAL PIC #1 DETAILS

Date: May 31st, 2022
Time: 6:00PM to 7:30PM
Location: To be held virtually via Zoom
(Link to be provided upon registration)
Registration: visit www.PUCTransmissionLP.com

* Please note that masks are required for the in-person PIC.

If you are unable to attend the live meeting, the presentation materials and meeting recording will be shared after virtual PIC #1 at www.PUCTransmissionLP.com. If you have any questions about the project or wish to be added to the mailing list, please contact the undersigned.

Thank you,

Lina ElSetouhy (RPP, MCIP, ENV SP), *She/Her*
Environmental Planner
Earth and Environment
T+ 1 289-982-4306



On behalf of:

Dominic Parrella, P. Eng.
Executive Lead, Special Projects
PUC Transmission LP
Tel.: (705) 941-8386
Email: dominic.parrella@ssmpuc.com

Jeremiah Pariag
Consultation and Engagement Lead
WSP Canada Inc.
Tel.: (289) 835-2548
Email: jeremiah.pariag@wsp.com

From: Jauvonne kitto <Jkitto@gardenriver.org>

Sent: May 26, 2022 3:31 PM

To: Jairus Patterson <jairus.patterson@ssmpuc.com>; Jad.Murtada@wsp.com

Cc: Cheyenne Nolan <CNolan@gardenriver.org>; Stephanie Seymour <sseymour@gardenriver.org>; Amy Sayers <amysayers@gardenriver.org>; Tanya Boissoneau <tboissoneau@gardenriver.org>

Subject: RE: PUC Transmission LP - Notice of Public Information Centre #1 for Class Environmental Assessment of new 230 kV Transmission Line and Station - Garden River FN

Importance: High

CAUTION: This email originated outside of PUC. Do not open attachments or click links unless you recognize the sender and know the content is safe.

Hi Jairus,

As per our discussion today and given the short notice to attend the public meeting, we will not be in attendance. I ask that we have direct meeting with the Garden River FN at a dually agreed upon time. Please work with Cheyenne and Tanya to coordinate this meeting with our respective teams.

We look forward to the discussion and receiving the Class Environmental Assessment in advance.

Thank you,

Jauvonne Kitto

A/Executive Director

Ketegaunseebee (*Garden River First Nation*)

7 Shingwauk Street

Garden River, ON P6A 6Z8

Email: jkitto@gardenriver.org

Ph: (705) 989-4970



From: Cheyenne Nolan <CNolan@gardenriver.org>

Sent: May 26, 2022 8:16 AM

To: Jauvonne kitto <Jkitto@gardenriver.org>; Stephanie Seymour <sseymour@gardenriver.org>; Richard Perrault <rperrault@gardenriver.org>

Subject: FW: PUC Transmission LP - Notice of Public Information Centre #1 for Class Environmental Assessment of new 230 kV Transmission Line and Station

Good morning,

Please see attached. Also note – the first PIC is dated for today May 26, 2022.

Thanks,
Cheyenne

From: Murtada, Jad <Jad.Murtada@wsp.com>

Sent: Thursday, May 26, 2022 10:56 AM

To: Andy Rickard <ARickard@gardenriver.org>

Cc: Cheyenne Nolan <CNolan@gardenriver.org>; jairus.patterson@ssmpuc.com; Pariag, Jeremiah <Jeremiah.Pariag@wsp.com>; Dominic Parrella <dominic.parrella@ssmpuc.com>; Skillen, Tamara <Tamara_Skillen@golder.com>; ElSetouhy, Lina <Lina.Elsetouhy@wsp.com>

Subject: PUC Transmission LP - Notice of Public Information Centre #1 for Class Environmental Assessment of new 230 kV Transmission Line and Station

You don't often get email from jad.murtada@wsp.com. [Learn why this is important](#)

Hello Chief Rickard,

My name is Jad Murtada and I am an Environmental Planner with WSP reaching out on behalf of PUC Transmission regarding a Class EA Study and Notice of PIC that we are conducting.

Please see the attached letter the upcoming Public Information Centre (PIC) #1 and information regarding the Class Environmental Assessment for PUC Transmission LP's proposed new 230 kV Transmission line and station in Sault Ste. Marie.

PIC #1 will take place as follows:

IN-PERSON PIC #1 DETAILS*

Date: May 26th, 2022

Time: 4:30PM to 7:30PM

Location: Northern Community Centre
(556 Goulais Ave, Sault Ste. Marie, ON, P6C 5A7)

Registration: Please sign-in at the PIC

VIRTUAL PIC #1 DETAILS

Date: May 31st, 2022

Time: 6:00PM to 7:30PM

Location: To be held virtually via Zoom

(Link to be provided upon registration)

Registration: visit www.PUCTransmissionLP.com

* Please note that masks are required for the in-person PIC.

If you are unable to attend the live meeting, the presentation materials and meeting recording will be shared after virtual PIC #1 at www.PUCTransmissionLP.com. If you have any questions about the project or wish to be added to the mailing list, please contact the undersigned.

Thank you,

Jad Murtada, *He/Him/His*
Environmental Planner – Ontario
Earth and Environment

T+ 1 905-829-6262



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-LAEmHhHzdJzBITWfa4Hgs7pbKl

From: [EISetouhy, Lina](mailto:EISetouhy.Lina)
To: ptangie@michipicoten.com
Cc: a.marques@michipicoten.com; [Jairus Patterson](#); [Dominic Parrella](#); [Pariag, Jeremiah](#); [Skillen, Tamara](#)
Subject: PUC Transmission LP - Notice of Public Information Centre #1 for Class Environmental Assessment of new 230 kV Transmission Line and Station
Date: May 25, 2022 11:03:00 AM
Attachments: [Indigenous Communities Notice of PIC Letter \(Michipicoten First Nation\).pdf](#)

Hello Chief Tangie,

Please see the attached letter with information regarding the upcoming Public Information Centre (PIC) #1 and the Class Environmental Assessment for PUC Transmission LP's proposed new 230 kV Transmission line and station in Sault Ste. Marie.

PIC #1 will take place as follows:

IN-PERSON PIC #1 DETAILS*

Date: May 26th, 2022
Time: 4:30PM to 7:30PM
Location: Northern Community Centre
(556 Goulais Ave, Sault Ste. Marie, ON, P6C 5A7)
Registration: Please sign-in at the PIC

VIRTUAL PIC #1 DETAILS

Date: May 31st, 2022
Time: 6:00PM to 7:30PM
Location: To be held virtually via Zoom
(Link to be provided upon registration)
Registration: visit www.PUCTransmissionLP.com

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If you are unable to attend the live meeting, the presentation materials and meeting recording will be shared after virtual PIC #1 at www.PUCTransmissionLP.com. If you have any questions about the project or wish to be added to the mailing list, please contact the undersigned.

Thank you,

Lina EISetouhy (RPP, MCIP, ENV SP), She/Her
Environmental Planner
Earth and Environment
T+ 1 289-982-4306



On behalf of:

Dominic Parrella, P. Eng.
Executive Lead, Special Projects
PUC Transmission LP
Tel.: (705) 941-8386
Email: dominic.parrella@ssmpuc.com

Jeremiah Pariag
Consultation and Engagement Lead
WSP Canada Inc.
Tel.: (289) 835-2548
Email: jeremiah.pariag@wsp.com

From: [EISetouhy, Lina](mailto:EISetouhy.Lina)
To: JustinH@metisnation.org
Cc: [Jairus Patterson](#); [Dominic Parrella](#); [Pariag, Jeremiah](#); [Skillen, Tamara](#)
Subject: PUC Transmission LP - Notice of Public Information Centre #1 for Class Environmental Assessment of new 230 kV Transmission Line and Station
Date: May 25, 2022 11:05:00 AM
Attachments: [Indigenous Communities Notice of PIC Letter \(MNO Region 4\).pdf](#)

Hello Justin Hunt,

Please see the attached letter with information regarding the upcoming Public Information Centre (PIC) #1 and the Class Environmental Assessment for PUC Transmission LP's proposed new 230 kV Transmission line and station in Sault Ste. Marie.

PIC #1 will take place as follows:

IN-PERSON PIC #1 DETAILS*

Date: May 26th, 2022
Time: 4:30PM to 7:30PM
Location: Northern Community Centre
(556 Goulais Ave, Sault Ste. Marie, ON, P6C 5A7)
Registration: Please sign-in at the PIC

VIRTUAL PIC #1 DETAILS

Date: May 31st, 2022
Time: 6:00PM to 7:30PM
Location: To be held virtually via Zoom
(Link to be provided upon registration)
Registration: visit www.PUCTransmissionLP.com

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If you are unable to attend the live meeting, the presentation materials and meeting recording will be shared after virtual PIC #1 at www.PUCTransmissionLP.com. If you have any questions about the project or wish to be added to the mailing list, please contact the undersigned.

Thank you,

Lina EISetouhy (RPP, MCIP, ENV SP), She/Her
Environmental Planner
Earth and Environment
T+ 1 289-982-4306



On behalf of:

Dominic Parrella, P. Eng.
Executive Lead, Special Projects
PUC Transmission LP
Tel.: (705) 941-8386
Email: dominic.parrella@ssmpuc.com

Jeremiah Pariag
Consultation and Engagement Lead
WSP Canada Inc.
Tel.: (289) 835-2548
Email: jeremiah.pariag@wsp.com

From: [ElSetouhy, Lina](#)
To: kimmysue2014@gmail.com
Cc: [Jairus Patterson](#); [Dominic Parrella](#); [Pariag, Jeremiah](#); [Skillen, Tamara](#)
Subject: PUC Transmission LP - Notice of Public Information Centre #1 for Class Environmental Assessment of new 230 kV Transmission Line and Station
Date: May 25, 2022 11:04:00 AM
Attachments: [Indigenous Communities Notice of PIC Letter \(MNO Historic Sault Ste. Marie Métis Council\).pdf](#)

Hello Kim Powley,

Please see the attached letter with information regarding the upcoming Public Information Centre (PIC) #1 and the Class Environmental Assessment for PUC Transmission LP's proposed new 230 kV Transmission line and station in Sault Ste. Marie.

PIC #1 will take place as follows:

IN-PERSON PIC #1 DETAILS*

Date: May 26th, 2022
Time: 4:30PM to 7:30PM
Location: Northern Community Centre
(556 Goulais Ave, Sault Ste. Marie, ON, P6C 5A7)
Registration: Please sign-in at the PIC

VIRTUAL PIC #1 DETAILS

Date: May 31st, 2022
Time: 6:00PM to 7:30PM
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(Link to be provided upon registration)
Registration: visit www.PUCTransmissionLP.com

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If you are unable to attend the live meeting, the presentation materials and meeting recording will be shared after virtual PIC #1 at www.PUCTransmissionLP.com. If you have any questions about the project or wish to be added to the mailing list, please contact the undersigned.

Thank you,

Lina ElSetouhy (RPP, MCIP, ENV SP), She/Her
Environmental Planner
Earth and Environment
T+ 1 289-982-4306



On behalf of:

Dominic Parrella, P. Eng.
Executive Lead, Special Projects
PUC Transmission LP
Tel.: (705) 941-8386
Email: dominic.parrella@ssmpuc.com

Jeremiah Pariag
Consultation and Engagement Lead
WSP Canada Inc.
Tel.: (289) 835-2548
Email: jeremiah.pariag@wsp.com

APPENDIX

B-5 *PROVINCIAL AGENCIES CORRESPONDENCE RECORDS*

Notice of Commencement Correspondence Record

**Ministry of the Environment,
Conservation and Parks**

**Ministère de l'Environnement,
de la Protection de la nature
et des Parcs**

Environmental Assessment
Branch

Direction des évaluations
environnementales

1st Floor
135 St. Clair Avenue W
Toronto ON M4V 1P5
Tel.: 416 314-8001
Fax.: 416 314-8452

Rez-de-chaussée
135, avenue St. Clair Ouest
Toronto ON M4V 1P5
Tél. : 416 314-8001
Télééc. : 416 314-8452

April 22, 2022

Dominic Parrella
Executive Lead, Special Projects
PUC Transmission LP
dominic.parrella@ssmpuc.com

**Re: 230 kV Transmission Line and Station, in the City of Sault Ste. Marie
PUC Transmission LP
Class Environmental Assessment for Minor Transmission Facilities
Response to Notice of Commencement**

Dear Dominic Parrella,

This letter is in response to the Notice of Commencement for the above noted project. The Ministry of the Environment, Conservation and Parks (MECP) acknowledges that PUC Transmission LP (proponent) has indicated that the study is following the approved environmental planning process under the Class Environmental Assessment for Minor Transmission Facilities (Class EA).

The **updated (February 2021)** attached “Areas of Interest” document provides guidance regarding the ministry’s interests with respect to the Class EA process. Please address all areas of interest in the EA documentation at an appropriate level for the EA study. Proponents who address all the applicable areas of interest can minimize potential delays to the project schedule. **Further information is provided at the end of the Areas of Interest document relating to recent changes to the Environmental Assessment Act through Bill 197, Covid-19 Economic Recovery Act 2020.**

We understand that the proponent will, through the EA process, study and evaluate the alternative circuit routes as shown on the Notice of Commencement to select a preferred route with the least overall effects to the environment and to assess the potential effects of the project, including incorporation of Indigenous Knowledge.

Please send a copy of the final notice to the MECP's Northern Region EA notification email account (eanotification.nregion@ontario.ca) and a copy of the draft Environmental Study Report to your assigned Regional Environmental Planner for download. Please be advised that the MECP Project Review Unit is currently undergoing staff transitions, so an alternate MECP Regional Environmental Planner may reach out to you in the coming months with updated contact information.

Should you or any members of your project team have any questions regarding the material above, please contact me at mark.badali1@ontario.ca.

Yours truly,



Mark Badali
Regional Environmental Planner
Project Review Unit, Environmental Assessment Branch

Cc: Ron Dorscht, Supervisor, Sault Ste Marie Area Office, MECP
Jeremiah Pariag, Consultation and Engagement Lead, WSP Canada Inc.
Lina ElSetouhy, Environmental Planner, WSP Canada Inc.

Enclosed: Areas of Interest

Attached: Client's Guide to Preliminary Screening for Species at Risk

AREAS OF INTEREST (v. February 2021)

It is suggested that you check off each section after you have considered / addressed it.

Planning and Policy

- Applicable plans and policies should be identified in the report, and the proponent should describe how the proposed project adheres to the relevant policies in these plans.
 - Projects located in MECP Central, Eastern or West Central Region may be subject to [A Place to Grow: Growth Plan for the Greater Golden Horseshoe \(2020\)](#).
 - Projects located in MECP Central or Eastern Region may be subject to the [Oak Ridges Moraine Conservation Plan \(2017\)](#) or the [Lake Simcoe Protection Plan \(2014\)](#).
 - Projects located in MECP Central, Southwest or West Central Region may be subject to the [Niagara Escarpment Plan \(2017\)](#).
 - Projects located in MECP Central, Eastern, Southwest or West Central Region may be subject to the [Greenbelt Plan \(2017\)](#).
 - Projects located in MECP Northern Region may be subject to the [Growth Plan for Northern Ontario \(2011\)](#).
- The [Provincial Policy Statement \(2020\)](#) contains policies that protect Ontario's natural heritage and water resources. Applicable policies should be referenced in the report, and the proponent should describe how the proposed project is consistent with these policies.
- In addition to the provincial planning and policy level, the report should also discuss the planning context at the municipal and federal levels, as appropriate.

Source Water Protection

The *Clean Water Act, 2006* (CWA) aims to protect existing and future sources of drinking water. To achieve this, several types of vulnerable areas have been delineated around surface water intakes and wellheads for every municipal residential drinking water system that is located in a source protection area. These vulnerable areas are known as a Wellhead Protection Areas (WHPAs) and surface water Intake Protection Zones (IPZs). Other vulnerable areas that have been delineated under the CWA include Highly Vulnerable Aquifers (HVAs), Significant Groundwater Recharge Areas (SGRAs), Event-based modelling areas (EBAs), and Issues Contributing Areas (ICAs). Source protection plans have been developed that include policies to address existing and future risks to sources of municipal drinking water within these vulnerable areas.

Projects that are subject to the Environmental Assessment Act that fall under a Class EA, or one of the Regulations, have the potential to impact sources of drinking water if they occur in designated vulnerable areas or in the vicinity of other at-risk drinking water systems (i.e.

systems that are not municipal residential systems). MEA Class EA projects may include activities that, if located in a vulnerable area, could be a threat to sources of drinking water (i.e. have the potential to adversely affect the quality or quantity of drinking water sources) and the activity could therefore be subject to policies in a source protection plan. Where an activity poses a risk to drinking water, policies in the local source protection plan may impact how or where that activity is undertaken. Policies may prohibit certain activities, or they may require risk management measures for these activities. Municipal Official Plans, planning decisions, Class EA projects (where the project includes an activity that is a threat to drinking water) and prescribed instruments must conform with policies that address significant risks to drinking water and must have regard for policies that address moderate or low risks.

- The proponent should identify the source protection area and should clearly document how the proximity of the project to sources of drinking water (municipal or other) and any delineated vulnerable areas was considered and assessed. Specifically, the report should discuss whether or not the project is located in a vulnerable area and provide applicable details about the area.
- If located in a vulnerable area, proponents should document whether any project activities are prescribed drinking water threats and thus pose a risk to drinking water (this should be consulted on with the appropriate Source Protection Authority). Where an activity poses a risk to drinking water, the proponent must document and discuss in the report how the project adheres to or has regard to applicable policies in the local source protection plan. This section should then be used to inform and be reflected in other sections of the report, such as the identification of net positive/negative effects of alternatives, mitigation measures, evaluation of alternatives etc.
- While most source protection plans focused on including policies for significant drinking water threats in the WHPAs and IPZs it should be noted that even though source protection plan policies may not apply in HVAs, these are areas where aquifers are sensitive and at risk to impacts and within these areas, activities may impact the quality of sources of drinking water for systems other than municipal residential systems.
- In order to determine if this project is occurring within a vulnerable area, proponents can use this mapping tool: <http://www.applications.ene.gov.on.ca/swp/en/index.php>. Note that various layers (including WHPAs, WHPA-Q1 and WHPA-Q2, IPZs, HVAs, SGRAs, EBAs, ICAs) can be turned on through the “Map Legend” bar on the left. The mapping tool will also provide a link to the appropriate source protection plan in order to identify what policies may be applicable in the vulnerable area.
- For further information on the maps or source protection plan policies which may relate to their project, proponents must contact the appropriate source protection authority. **Please consult with the local source protection authority to discuss potential impacts on drinking water. Please document the results of that consultation within the report and include all communication documents/correspondence.**

More Information

For more information on the *Clean Water Act*, source protection areas and plans, including specific information on the vulnerable areas and drinking water threats, please refer to [Conservation Ontario's website](#) where you will also find links to the local source protection plan/assessment report.

A list of the prescribed drinking water threats can be found in [section 1.1 of Ontario Regulation 287/07](#) made under the *Clean Water Act*. In addition to prescribed drinking water threats, some source protection plans may include policies to address additional "local" threat activities, as approved by the MECP.

□ **Climate Change**

The document "[Considering Climate Change in the Environmental Assessment Process](#)" (Guide) is now a part of the Environmental Assessment program's Guides and Codes of Practice. The Guide sets out the MECP's expectation for considering climate change in the preparation, execution and documentation of environmental assessment studies and processes. The guide provides examples, approaches, resources, and references to assist proponents with consideration of climate change in EA. Proponents should review this Guide in detail.

• **The MECP expects proponents of projects under a Class EA or EA Act Regulation to:**

1. Consider during the assessment of alternative solutions and alternative designs, the following:
 - a. the project's expected production of greenhouse gas emissions and impacts on carbon sinks (climate change mitigation); and
 - b. resilience or vulnerability of the undertaking to changing climatic conditions (climate change adaptation).
2. Include a discrete section in the report detailing how climate change was considered in the EA.

How climate change is considered can be qualitative or quantitative in nature and should be scaled to the project's level of environmental effect. In all instances, both a project's impacts on climate change (mitigation) and impacts of climate change on a project (adaptation) should be considered.

- The MECP has also prepared another guide to support provincial land use planning direction related to the completion of energy and emission plans. The "[Community Emissions Reduction Planning: A Guide for Municipalities](#)" document is designed to educate stakeholders on the municipal opportunities to reduce energy and greenhouse gas emissions, and to provide guidance on methods and techniques to incorporate consideration of energy and greenhouse gas emissions into municipal activities of all types. We encourage you to review the Guide for information.

□ Air Quality, Dust and Noise

- If there are sensitive receptors in the surrounding area of this project, a quantitative air quality/odour impact assessment will be useful to evaluate alternatives, determine impacts and identify appropriate mitigation measures. The scope of the assessment can be determined based on the potential effects of the proposed alternatives, and typically includes source and receptor characterization and a quantification of local air quality impacts on the sensitive receptors and the environment in the study area. The assessment will compare to all applicable standards or guidelines for all contaminants of concern. **Please contact this office for further consultation on the level of Air Quality Impact Assessment required for this project if not already advised.**
- If a quantitative Air Quality Impact Assessment is not required for the project, the MECP expects that the report contain a qualitative assessment which includes:
 - A discussion of local air quality including existing activities/sources that significantly impact local air quality and how the project may impact existing conditions;
 - A discussion of the nearby sensitive receptors and the project's potential air quality impacts on present and future sensitive receptors;
 - A discussion of local air quality impacts that could arise from this project during both construction and operation; and
 - A discussion of potential mitigation measures.
- Dust and noise control measures should be addressed and included in the construction plans to ensure that nearby residential and other sensitive land uses within the study area are not adversely affected during construction activities.
- The MECP recommends that non-chloride dust-suppressants be applied. For a comprehensive list of fugitive dust prevention and control measures that could be applied, refer to [Cheminfo Services Inc. Best Practices for the Reduction of Air Emissions from Construction and Demolition Activities](#) report prepared for Environment Canada. March 2005.
- The report should consider the potential impacts of increased noise levels during the operation of the completed project. The proponent should explore all potential measures to mitigate significant noise impacts during the assessment of alternatives.
- Noise associated with a proposed transformer station should be evaluated. Note that any noise monitoring and assessment should be conducted in accordance with the requirements of MECP guidelines, such as MECP Publication NPC-233, "*Information to be Submitted for Approval of Stationary Sources of Sound*".

- In order to address potential noise impacts of the transformer station, it may be necessary to first monitor ambient noise levels prior to the installation of the transformer station, and to then conduct a noise assessment after the transformer station is installed and operational. Depending on the results of these studies and the proximity to sensitive receptors, remedial measures may be needed to address noise generated by the transformer station.

Ecosystem Protection and Restoration

- Any impacts to ecosystem form and function must be avoided where possible. The report should describe any proposed mitigation measures and how project planning will protect and enhance the local ecosystem.
- Natural heritage and hydrologic features should be identified and described in detail to assess potential impacts and to develop appropriate mitigation measures. The following sensitive environmental features may be located within or adjacent to the study area:
 - Key Natural Heritage Features: Habitat of endangered species and threatened species, fish habitat, wetlands, areas of natural and scientific interest (ANSIs), significant valleylands, significant woodlands; significant wildlife habitat (including habitat of special concern species); sand barrens, savannahs, and tallgrass prairies; and alvars.
 - Key Hydrologic Features: Permanent streams, intermittent streams, inland lakes and their littoral zones, seepage areas and springs, and wetlands.
 - Other natural heritage features and areas such as: vegetation communities, rare species of flora or fauna, Environmentally Sensitive Areas, Environmentally Sensitive Policy Areas, federal and provincial parks and conservation reserves, Greenland systems etc.

We recommend consulting with the Ministry of Natural Resources and Forestry (MNRF), Fisheries and Oceans Canada (DFO) and your local conservation authority to determine if special measures or additional studies will be necessary to preserve and protect these sensitive features.

Species at Risk

- The Ministry of the Environment, Conservation and Parks has now assumed responsibility of Ontario's Species at Risk program. Information, standards, guidelines, reference materials and technical resources to assist you are found at <https://www.ontario.ca/page/species-risk>.
- The Client's Guide to Preliminary Screening for Species at Risk (Draft May 2019) has been attached to the covering email for your reference and use. Please review this document for next steps.

- For any questions related to subsequent permit requirements, please contact SAROntario@ontario.ca.

□ **Surface Water**

- The report must include enough information to demonstrate that there will be no negative impacts on the natural features or ecological functions of any watercourses within the study area. Measures should be included in the planning and design process to ensure that any impacts to watercourses from construction or operational activities (e.g. spills, erosion, pollution) are mitigated as part of the proposed undertaking.
- Additional stormwater runoff from new pavement can impact receiving watercourses and flood conditions. Quality and quantity control measures to treat stormwater runoff should be considered for all new impervious areas and, where possible, existing surfaces. The ministry's [Stormwater Management Planning and Design Manual \(2003\)](#) should be referenced in the report and utilized when designing stormwater control methods. **A Stormwater Management Plan should be prepared as part of the Environmental Screening Process** that includes:
 - Strategies to address potential water quantity and erosion impacts related to stormwater draining into streams or other sensitive environmental features, and to ensure that adequate (enhanced) water quality is maintained
 - Watershed information, drainage conditions, and other relevant background information
 - Future drainage conditions, stormwater management options, information on erosion and sediment control during construction, and other details of the proposed works
 - Information on maintenance and monitoring commitments.
- Ontario Regulation 60/08 under the *Ontario Water Resources Act* (OWRA) applies to the Lake Simcoe Basin, which encompasses Lake Simcoe and the lands from which surface water drains into Lake Simcoe. If the proposed sewage treatment plant is listed in Table 1 of the regulation, the report should describe how the proposed project and its mitigation measures are consistent with the requirements of this regulation and the OWRA.
- Any potential approval requirements for surface water taking or discharge should be identified in the report. A Permit to Take Water (PTTW) under the OWRA will be required for any water takings that exceed 50,000 L/day, except for certain water taking activities that have been prescribed by the Water Taking EASR Regulation – *O. Reg. 63/16*. These prescribed water-taking activities require registration in the EASR instead of a PTTW. Please review the [Water Taking User Guide for EASR](#) for more information. Additionally, an

Environmental Compliance Approval under the OWRA is required for municipal stormwater management works.

□ **Groundwater**

- The status of, and potential impacts to any well water supplies should be addressed. If the project involves groundwater takings or changes to drainage patterns, the quantity and quality of groundwater may be affected due to drawdown effects or the redirection of existing contamination flows. In addition, project activities may infringe on existing wells such that they must be reconstructed or sealed and abandoned. Appropriate information to define existing groundwater conditions should be included in the report.
- If the potential construction or decommissioning of water wells is identified as an issue, the report should refer to Ontario Regulation 903, Wells, under the OWRA.
- Potential impacts to groundwater-dependent natural features should be addressed. Any changes to groundwater flow or quality from groundwater taking may interfere with the ecological processes of streams, wetlands or other surficial features. In addition, discharging contaminated or high volumes of groundwater to these features may have direct impacts on their function. Any potential effects should be identified, and appropriate mitigation measures should be recommended. The level of detail required will be dependent on the significance of the potential impacts.
- Where construction of transmission towers is proposed, any pile driving into the subsurface that is required for steel pile type tower foundations, particularly to the bedrock surface at depth, may have an adverse effect on local groundwater resources. Should steel pile type foundations be the preferred construction method for tower foundations based on geotechnical investigation findings, the ministry may require a detailed account of the installation procedures and protocols for steel piles on the tower foundations, including size, type, length and manner of installation prior to commencement of construction.
- Any potential approval requirements for groundwater taking or discharge should be identified in the report. A Permit to Take Water (PTTW) under the OWRA will be required for any water takings that exceed 50,000 L/day, with the exception of certain water taking activities that have been prescribed by the Water Taking EASR Regulation – *O. Reg. 63/16*. These prescribed water-taking activities require registration in the EASR instead of a PTTW. Please review the [Water Taking User Guide for EASR](#) for more information.
- Consultation with the railroad authorities is necessary wherever there is a plan to use construction dewatering in the vicinity of railroad lines or where the zone of influence of the construction dewatering potentially intercepts railroad lines.

- Groundwater should be protected from the potential for spills, dewatering and wood pole preservative during construction. A plan should be in place for preventing and dealing with spills. All spills that could potentially cause damage to the environment should be reported to the Spills Action Centre of the Ministry of the Environment, Conservation and Parks at 1-800-268-6060.

□ **Excess Materials Management**

- In December 2019, MECP released a new regulation under the Environmental Protection Act, titled “On-Site and Excess Soil Management” (O. Reg. 406/19) to support improved management of excess construction soil. This regulation is a key step to support proper management of excess soils, ensuring valuable resources don’t go to waste and to provide clear rules on managing and reusing excess soil. New risk-based standards referenced by this regulation help to facilitate local beneficial reuse which in turn will reduce greenhouse gas emissions from soil transportation, while ensuring strong protection of human health and the environment. The new regulation is being phased in over time, with the first phase in effect on January 1, 2021. For more information, please visit <https://www.ontario.ca/page/handling-excess-soil>.
- The report should reference that activities involving the management of excess soil should be completed in accordance with O. Reg. 406/19 and the MECP’s current guidance document titled “Management of Excess Soil – A Guide for Best Management Practices” (2014).
- All waste generated during construction must be disposed of in accordance with ministry requirements

□ **Contaminated Sites**

- Any current or historical waste disposal sites should be identified in the report. The status of these sites should be determined to confirm whether approval pursuant to Section 46 of the EPA may be required for land uses on former disposal sites. We recommend referring to the [MECP’s D-4 guideline](#) for land use considerations near landfills and dumps.
 - Resources available may include regional/local municipal official plans and data; provincial data on [large landfill sites](#) and [small landfill sites](#); Environmental Compliance Approval information for waste disposal sites on [Access Environment](#).
- Other known contaminated sites (local, provincial, federal) in the study area should also be identified in the report (Note – information on federal contaminated sites is found on the Government of Canada’s [website](#)).

- The location of any underground storage tanks should be investigated in the report. Measures should be identified to ensure the integrity of these tanks and to ensure an appropriate response in the event of a spill. The ministry's Spills Action Centre must be contacted in such an event.
- Since the removal or movement of soils may be required, appropriate tests to determine contaminant levels from previous land uses or dumping should be undertaken. If the soils are contaminated, you must determine how and where they are to be disposed of, consistent with *Part XV.1 of the Environmental Protection Act (EPA)* and Ontario Regulation 153/04, Records of Site Condition, which details the new requirements related to site assessment and clean up. Consideration of potential environmental contamination should be given following regulatory guidance where the project involves decommissioning of facilities. Please contact the appropriate MECP District Office for further consultation if contaminated sites are present.
- Where poles are being removed that have been chemically treated, we recommend that the proponent consider soil testing to determine the extent of any related soil contamination. Soil testing may be contingent on factors such as proximity to water bodies or wetlands, proximity to wells, locations where poles are being removed but not replaced, and the treatment chemicals used (i.e. chromated copper arsenate (CCA) or creosote). In the case of poles which have been treated with CCA or creosote, testing for arsenic, copper and creosote should be completed.

Servicing, Utilities and Facilities

- The report should identify any above or underground utilities in the study area such as transmission lines, telephone/internet, oil/gas etc. The owners should be consulted to discuss impacts to this infrastructure, including potential spills.
- The report should identify any servicing infrastructure in the study area such as wastewater, water, stormwater that may potentially be impacted by the project.
- Any facility that releases emissions to the atmosphere, discharges contaminants to ground or surface water, provides potable water supplies, or stores, transports or disposes of waste must have an Environmental Compliance Approval (ECA) before it can operate lawfully. Please consult with MECP's Environmental Permissions Branch to determine whether a new or amended ECA will be required for any proposed infrastructure.

- We recommend referring to the ministry's [environmental land use planning guides](#) to ensure that any potential land use conflicts are considered when planning for any infrastructure or facilities related to wastewater, pipelines, landfills or industrial uses.

Mitigation and Monitoring

- Contractors must be made aware of all environmental considerations so that all environmental standards and commitments for both construction and operation are met. Mitigation measures should be clearly referenced in the report and regularly monitored during the construction stage of the project. In addition, we encourage proponents to conduct post-construction monitoring to ensure all mitigation measures have been effective and are functioning properly.
- Design and construction reports and plans should be based on a best management approach that centres on the prevention of impacts, protection of the existing environment, and opportunities for rehabilitation and enhancement of any impacted areas.
- The proponent's construction and post-construction effects monitoring strategies and programs must be documented in the report.
- The proponent must consider cumulative effects when planning projects. The assessment will include the proposed undertaking and any other proposed undertakings in the immediate project area where documentation is available (e.g. other environmental assessments).

Consultation

- The report must demonstrate how the consultation provisions of the Environmental Screening Process have been fulfilled, including documentation of all stakeholder consultation efforts undertaken during the planning process. This includes a discussion in the report that identifies concerns that were raised and **describes how they have been addressed by the proponent** throughout the planning process. The report should also include copies of comments submitted on the project by interested stakeholders, and the proponent's responses to these comments (as directed by the Guide to Environmental Assessment Requirements for Electricity Projects to include full documentation).
- Please include the full stakeholder distribution/consultation list in the documentation.

□ Environmental Screening Process

- The report should provide clear and complete documentation of the planning process in order to allow for transparency in decision-making.
- The Environmental Screening Process requires the consideration of the effects of each alternative on all aspects of the environment (including planning, natural, social, cultural, economic, technical). The report should include a level of detail (e.g. hydrogeological investigations, terrestrial and aquatic assessments, cultural heritage assessments) such that all potential impacts can be identified, and appropriate mitigation measures can be developed. Any supporting studies conducted during the Environmental Screening Process should be referenced and included as part of the report.
- Please include in the report a list of all subsequent permits or approvals that may be required for the implementation of the preferred alternative, including but not limited to, MECP's PTTW, EASR Registrations and ECAs, conservation authority permits, species at risk permits, MTO permits and approvals under the *Impact Assessment Act*, 2019.
- Ministry guidelines and other information related to the issues above are available at <http://www.ontario.ca/environment-and-energy/environment-and-energy>. We encourage you to review all the available guides and to reference any relevant information in the report.

Amendments to the EAA through the Covid-19 Economic Recovery Act, 2020

Once the report is finalized, the proponent must issue a Notice of Completion providing a minimum 30-day period during which documentation may be reviewed and comment and input can be submitted to the proponent. The Notice of Completion must be sent to the appropriate MECP Regional Office email address (for projects in MECP Southwest Region, the email is eanotification.swregion@ontario.ca).

The public has the ability to request a higher level of assessment on a project if they are concerned about potential adverse impacts to constitutionally protected Aboriginal and treaty rights. In addition, the Minister may issue an order on his or her own initiative within a specified time period. The Director (of the Environmental Assessment Branch) will issue a Notice of Proposed Order to the proponent if the Minister is considering an order for the project within 30 days after the conclusion of the comment period on the Notice of Completion. At this time, the Director may request additional information from the proponent. Once the requested information has been received, the Minister will have 30 days within which to make a decision or impose conditions on your project.

Therefore, the proponent cannot proceed with the project until at least 30 days after the end of the comment period provided for in the Notice of Completion. Further, the proponent may not proceed after this time if:

- a Part II Order request has been submitted to the ministry regarding potential adverse impacts to constitutionally protected Aboriginal and treaty rights, or
- the Director has issued a Notice of Proposed order regarding the project.

Please ensure that the Notice of Completion advises that outstanding concerns are to be directed to the proponent for a response, and that in the event there are outstanding concerns regarding potential adverse impacts to constitutionally protected Aboriginal and treaty rights, Part II Order requests on those matters should be addressed in writing to:

Minister Jeff Yurek
Ministry of Environment, Conservation and Parks
777 Bay Street, 5th Floor
Toronto ON M7A 2J3
minister.mecp@ontario.ca

and

Director, Environmental Assessment Branch
Ministry of Environment, Conservation and Parks
135 St. Clair Ave. W, 1st Floor
Toronto ON, M4V 1P5
EABDirector@ontario.ca

From: Badali, Mark (MECP) <Mark.Badali1@ontario.ca>
Sent: April 22, 2022 12:41 PM
To: dominic.parrella@ssmpuc.com
Cc: jairus.patterson@ssmpuc.com; Pariag, Jeremiah; Squires, Callum; ElSetouhy, Lina; Dorscht, Ron (MECP)
Subject: RE: PUC Transmission LP, Minor transmission facilities Class EA, Category 'B'
Attachments: PUC Transmission LP_Minor Transmission Class EA-NoC_31Mar2022.pdf; MECP Acknowledgement - NoC - PUC Transmission LP Class EA for MTF 230 kV Transmission Project Sault Ste Marie.pdf; Supporting Attachment - Species at Risk Proponents Guide to Preliminary Screening (Draft May 2019).pdf

Good afternoon,

Please find the attached letter of acknowledgement and supporting attachments in response to the Notice of Commencement of the PUC Transmission LP Class Environmental Assessment project for a 230 kV Transmission line and station in the City of Sault Ste. Marie.

Best regards,

Mark Badali ([he/him](#))

Regional Environmental Planner (REP) – Southwest Region
Project Review Unit | Environmental Assessment Branch
Ontario Ministry of the Environment, Conservation and Parks
Mark.Badali1@ontario.ca | (416) 457-2155

****I am currently unable to receive calls by phone – please feel free to email me to setup an online audio call****

From: Badali, Mark (MECP)
Sent: April 21, 2022 2:56 PM
To: 'Lina.Elsetouhy@wsp.com' <Lina.Elsetouhy@wsp.com>
Cc: 'dominic.parrella@ssmpuc.com' <dominic.parrella@ssmpuc.com>; 'jairus.patterson@ssmpuc.com' <jairus.patterson@ssmpuc.com>; 'Jeremiah.Pariag@wsp.com' <Jeremiah.Pariag@wsp.com>; 'Callum_Squires@golder.com' <Callum_Squires@golder.com>
Subject: RE: PUC Transmission LP, Minor transmission facilities Class EA, Category 'B'

Good afternoon,

I'm afraid I misspoke in previous email – my sincere apologies. For projects under the Class Environmental Assessment for Minor Transmission Facilities, per Section 4.1.1 of the parent Class EA document, the Ministry of Energy is the proponent's primary contact for matters regarding the Duty to Consult. As such, I would advise you to please reach out to your Ministry of Energy contact to request a list of communities and any other consultation resources that may be required.

I will be providing you with a letter acknowledgement in response to the Notice of Commencement for this Class EA project, including the MECP's areas of interest that the proponent should consider during the Class EA process.

Please be advised that our unit is currently undergoing some staff transitions, so an alternate MECP Regional Environmental Planner may reach out to you in the coming month with updated contact information.

Thank you,

Mark Badali ([he/him](#))

Regional Environmental Planner (REP) – Southwest Region
Project Review Unit | Environmental Assessment Branch
Ontario Ministry of the Environment, Conservation and Parks
Mark.Badali1@ontario.ca | (416) 457-2155

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From: Badali, Mark (MECP)
Sent: April 14, 2022 5:36 PM
To: Lina.Elsetouhy@wsp.com
Cc: dominic.parrella@ssmpuc.com; jairus.patterson@ssmpuc.com; Jeremiah.Pariag@wsp.com; Callum_Squires@golder.com
Subject: RE: PUC Transmission LP, Minor transmission facilities Class EA, Category 'B'

Hi Lina,

Thank you for your emails. We are in the process of preparing a list of Indigenous Communities for consultation, which I will provide to WSP and the proponent as soon as possible.

Have a great weekend,

Mark Badali ([he/him](#))

Regional Environmental Planner (REP) – Southwest Region
Project Review Unit | Environmental Assessment Branch
Ontario Ministry of the Environment, Conservation and Parks
Mark.Badali1@ontario.ca | (416) 457-2155

****I am currently unable to receive calls by phone – please feel free to email me to setup an online audio call****



From: ElSetouhy, Lina <Lina.Elsetouhy@wsp.com>
Sent: April 14, 2022 9:41 AM
To: EA Notices to NRegion (MECP) <eanotification.nregion@ontario.ca>
Cc: Majerovich, Mira (MECP) <Mira.Majerovich@ontario.ca>; shelley.waino2@ontario.ca; Dominic Parrella <dominic.parrella@ssmpuc.com>; Jairus Patterson <jairus.patterson@ssmpuc.com>; Pariag, Jeremiah <Jeremiah.Pariag@wsp.com>; Squires, Callum <Callum_Squires@golder.com>
Subject: RE: PUC Transmission LP, Minor transmission facilities Class EA, Category 'B'

CAUTION -- EXTERNAL E-MAIL - Do not click links or open attachments unless you recognize the sender.

Good morning,

Following up on my email below.

Please note that this Study is on a tight timeline. Could the MECP please confirm the list of Indigenous Communities as soon as possible (i.e., while the formal technical response is being prepared)?

Thanks,
Lina

Lina ElSetouhy, she/her
Environmental Planner, RPP, MCIP, ENV SP
Environmental Planning, Earth and Environment

Client's Guide to Preliminary Screening for Species at Risk

***Ministry of the Environment, Conservation and Parks
Species at Risk Branch, Permissions and Compliance***

DRAFT - May 2019

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1.0 Purpose, Scope, Background and Context

1.1 Purpose of this Guide

This guide has been created to:

- help clients better understand their obligation to gather information and complete a preliminary screening for species at risk before contacting the ministry,
- outline guidance and advice clients can expect to receive from the ministry at the preliminary screening stage,
- help clients understand how they can gather information about species at risk by accessing publicly available information housed by the Government of Ontario, and
- provide a list of other potential sources of species at risk information that exist outside the Government of Ontario.

It remains the client's responsibility to:

- carry out a preliminary screening for their projects,
- obtain best available information from all applicable information sources,
- conduct any necessary field studies or inventories to identify and confirm the presence or absence of species at risk or their habitat,
- consider any potential impacts to species at risk that a proposed activity might cause, and
- comply with the *Endangered Species Act (ESA)*.

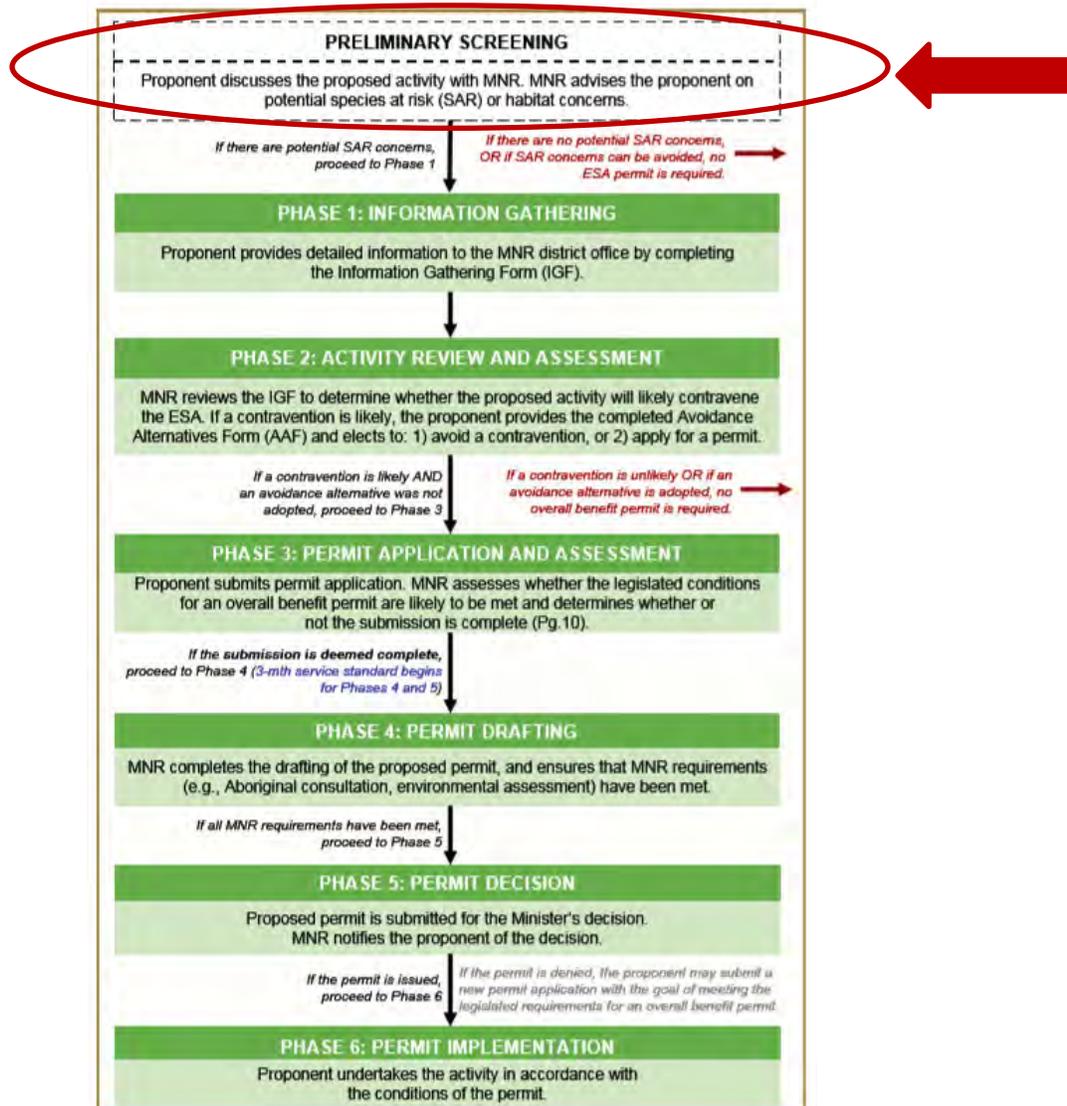
To provide the most efficient service, clients should initiate species at risk screenings and seek information from all applicable information sources identified in this guide, at a minimum, prior to contacting Government of Ontario ministry offices for further information or advice.

1.2 Scope

This guide is a resource for clients seeking to understand if their activity is likely to impact species at risk or if they are likely to trigger the need for an authorization under the ESA. It is not intended to circumvent any detailed site surveys that may be necessary to document species at risk or their habitat nor to circumvent the need to assess the impacts of a proposed activity on species at risk or their habitat. This guide is not an exhaustive list of available information sources for any given area as the availability of information on species at risk and their habitat varies across the province. This guide is intended to support projects and activities carried out on Crown and private land, by private landowners, businesses, other provincial ministries and agencies, or municipal government.

1.3 Background and Context

To receive advice on their proposed activity, clients must first determine whether any species at risk or their habitat exist or are likely to exist at or near their proposed activity, and whether their proposed activity is likely to contravene the ESA. Once this step is complete, clients may contact the ministry at SAROntario@ontario.ca to discuss the main purpose, general methods, timing and location of their proposed activity as well as information obtained about species at risk and their habitat at, or near, the site. At this stage, the ministry can provide advice and guidance to the client about potential species at risk or habitat concerns, measures that the client is considering to avoid adverse effects on species at risk or their habitat and whether additional field surveys are advisable. This is referred to as the “Preliminary Screening” stage. For more information on additional phases in the diagram below, please refer to the *Endangered Species Act Submission Standards for Activity Review and 17(2)(c) Overall Benefit Permits* policy available online at <https://www.ontario.ca/page/species-risk-overall-benefit-permits>



2.0 Roles and Responsibilities

To provide the most efficient service, clients should initiate species at risk screenings and seek information from all applicable information sources identified in this guide prior to contacting Government of Ontario ministry offices for further information or advice.

Step 1: Client seeks information regarding species at risk or their habitat that exist, or are likely to exist, at or near their proposed activity by referring to all applicable information sources identified in this guide.

Step 2: Client reviews and consider guidance on whether their proposed activity is likely to contravene the ESA (see section 3.4 of this guide for guidance on what to consider).

Step 3: Client gathers information identified in the checklist in section 4 of this guide.

Step 4: Client contacts the ministry at SAROntario@ontario.ca to discuss their preliminary screening. Ministry staff will ask the client questions about the main purpose, general methods, timing and location of their proposed activity as well as information obtained about species at risk and their habitat at, or near, the site. Ministry staff will also ask the client for their interpretation of the impacts of their activity on species at risk or their habitat as well as measures the client has considered to avoid any adverse impacts.

Step 5: Ministry staff will provide advice on next steps.

Option A: Ministry staff may advise the client they can proceed with their activity without an authorization under the ESA where the ministry is confident that:

- no protected species at risk or habitats are likely to be present at or near the proposed location of the activity; or
- protected species at risk or habitats are known to be present but the activity is not likely to contravene the ESA; or
- through the adoption of avoidance measures, the modified activity is not likely to contravene the ESA.

Option B: Ministry staff may advise the client to proceed to Phase 1 of the overall benefit permitting process (i.e. Information Gathering in the previous diagram), where:

- there is uncertainty as to whether any protected species at risk or habitats are present at or near the proposed location of the activity; or
- the potential impacts of the proposed activity are uncertain; or
- ministry staff anticipate the proposed activity is likely to contravene the ESA.

3.0 Information Sources

Land Information Ontario (LIO) and the Natural Heritage Information Centre (NHIC) maintain and provide information about species at risk, as well as related information about fisheries, wildlife, crown lands, protected lands and more. This information is made available to organizations, private individuals, consultants, and developers through online sources and is often considered under various pieces of legislation or as part of regulatory approvals and planning processes.

The information available from LIO or NHIC and the sources listed in this guide should not be considered as a substitute for site visits and appropriate field surveys. Generally, this information can be regarded as a starting point from which to conduct further field surveys, if needed. While this data represents best available current information, it is important to note that a lack of information for a site does not mean that species at risk or their habitat are not present. There are many areas where the Government of Ontario does not currently have information, especially in more remote parts of the province. The absence of species at risk location data at or near your site does not necessarily mean no species at risk are present at that location. On-site assessments can better verify site conditions, identify and confirm presence of species at risk and/or their habitats.

Information on the location (i.e. observations and occurrences) of species at risk is considered sensitive and therefore publicly available only on a 1km square grid as opposed to as a detailed point on a map. This generalized information can help you understand which species at risk are in the general vicinity of your proposed activity and can help inform field level studies you may want to undertake to confirm the presence, or absence of species at risk at or near your site.

Should you require specific and detailed information pertaining to species at risk observations and occurrences at or near your site on a finer geographic scale; you will be required to demonstrate your need to access this information, to complete data sensitivity training and to obtain a Sensitive Data Use License from the NHIC. Information on how to obtain a license can be found online at <https://www.ontario.ca/page/get-natural-heritage-information>.

Many organizations (e.g. other Ontario ministries, municipalities, conservation authorities) have ongoing licensing to access this data so be sure to check if your organization has this access and consult this data as part of your preliminary screening if your organization already has a license.

3.1 Make a Map: Natural Heritage Areas

The Make a Natural Heritage Area Map (available online at http://www.gisapplication.lrc.gov.on.ca/mamnh/Index.html?site=MNR_NHLUPS_NaturalHeritage&viewer=NaturalHeritage&locale=en-US) provides public access to natural heritage information, including species at risk, without the user needing to have Geographic Information System (GIS) capability. It allows users to view and identify generalized species at risk information, mark areas of interest, and create and print a custom map directly from the web application. The tool also shows topographic information such as roads, rivers, contours and municipal boundaries.

Users are advised that sensitive information has been removed from the natural areas dataset and the occurrences of species at risk has been generalized to a 1-kilometre grid to mitigate the risks to the species (e.g. illegal harvest, habitat disturbance, poaching).

The web-based mapping tool displays natural heritage data, including:

- Generalized Species at risk occurrence data (based on a 1-km square grid),
- Natural Heritage Information Centre data.

Data cannot be downloaded directly from this web map; however, information included in this application is available digitally through Land Information Ontario (LIO) at <https://www.ontario.ca/page/land-information-ontario>.

3.2 Land Information Ontario (LIO)

Most natural heritage data is publicly available. This data is managed in a large provincial corporate database called the LIO Warehouse and can be accessed online through the LIO Metadata Management Tool at <https://www.javacoeapp.lrc.gov.on.ca/geonetwork/srv/en/main.home>. This tool provides descriptive information about the characteristics, quality and context of the data. Publicly available geospatial data can be downloaded directly from this site.

While most data are publicly available, some data may be considered highly sensitive (i.e. nursery areas for fish, species at risk observations) and as such, access to some data maybe restricted.

3.3 Additional Species at Risk Information Sources

- The Breeding Bird Atlas can be accessed online at <http://www.birdsontario.org/atlas/index.jsp?lang=en>
- eBird can be accessed online at <https://ebird.org/home>
- iNaturalist can be accessed online at <https://www.inaturalist.org/>
- The Ontario Reptile and Amphibian Atlas can be accessed online at <https://ontarionature.org/programs/citizen-science/reptile-amphibian-atlas>
- Your local Conservation Authority. Information to help you find your local Conservation Authority can be accessed online at <https://conservationontario.ca/conservation-authorities/find-a-conservation-authority/>

Local naturalist groups or other similar community-based organizations

- Local Indigenous communities
- Local land trusts or other similar Environmental Non-Government Organizations
- Field level studies to identify if species at risk, or their habitat, are likely present or absent at or near the site.
- When an activity is proposed within one of the continuous caribou ranges, please be sure to consider the caribou Range Management Policy. This policy includes figures and maps of the continuous caribou range, can be found online at <https://www.ontario.ca/page/range-management-policy-support-woodland-caribou-conservation-and-recovery>

3.4 Information Sources to Support Impact Assessments

- Guidance to help you understand if your activity is likely to adversely impact species at risk or their habitat can be found online at <https://www.ontario.ca/page/policy-guidance-harm-and-harass-under-endangered-species-act> and <https://www.ontario.ca/page/categorizing-and-protecting-habitat-under-endangered-species-act>
- A list of species at risk in Ontario is available online at <https://www.ontario.ca/page/species-risk-ontario>. On this webpage, you can find out more about each species, including where it lives, what threatens it and any specific habitat protections that apply to it by clicking on the photo of the species.

4.0 Check-List

Please feel free to use the check list below to help you confirm you have explored all applicable information sources and to support your discussion with Ministry staff at the preliminary screening stage.

- ✓ Land Information Ontario (LIO)
- ✓ Natural Heritage Information Centre (NHIC)
- ✓ The Breeding Bird Atlas
- ✓ eBird
- ✓ iNaturalist
- ✓ Ontario Reptile and Amphibian Atlas
- ✓ List Conservation Authorities you contacted: _____

- ✓ List local naturalist groups you contacted: _____

- ✓ List local Indigenous communities you contacted: _____

- ✓ List any other local land trusts or Environmental Non-Government Organizations you contacted: _____

- ✓ List and field studies that were conducted to identify species at risk, or their habitat, likely to be present or absent at or near the site: _____

- ✓ List what you think the likely impacts of your activity are on species at risk and their habitat (e.g. damage or destruction of habitat, killing, harming or harassing species at risk): _____

From: ElSetouhy, Lina
Sent: April 1, 2022 3:51 PM
To: Omer, Omerdin (NDMNRF)
Cc: Dominic Parrella; Pariag, Jeremiah; Squires, Callum
Subject: RE: PUC Transmission LP - Notice of Commencement for Class Environmental Assessment for new 230 kV Transmission Line and Station
Attachments: 500mStudyArea2.zip; 221-01502-00 PUC Transmission EA_Proposed Study Area and Route Options.pdf

Hello Omer,

Thank you for your interest in the PUC Transmission Class EA for a new Line and Station.

As requested, please see attached the 500m buffer that forms the boundaries of the Class EA's Study Area, as shown in the attached map.

Please let me know if you require any further information.

Best regards,
Lina

Lina ElSetouhy, she/her
Environmental Planner, RPP, MCIP, ENV SP
Environmental Planning, Earth and Environment

T+ 1 289-982-4306
Vacation alert: April 18-22



From: Omer, Omerdin (NDMNRF) <Omerdin.Omer@ontario.ca>
Sent: April 1, 2022 11:50 AM
To: ElSetouhy, Lina <Lina.Elsetouhy@wsp.com>
Cc: Dominic Parrella <dominic.parrella@ssmpuc.com>; Pariag, Jeremiah <Jeremiah.Pariag@wsp.com>; Squires, Callum <Callum_Squires@golder.com>
Subject: RE: PUC Transmission LP - Notice of Commencement for Class Environmental Assessment for new 230 kV Transmission Line and Station

Hi Lina: thanks for sharing this notice. Our experts would like to see a [GIS/shape file](#) for the project area - to review the EA for impacts related to mines and mineral related concerns , if any. Could you please provide.

Thanks
Omer

From: ElSetouhy, Lina <Lina.Elsetouhy@wsp.com>
Sent: March 31, 2022 5:29 PM
Cc: Dominic Parrella <dominic.parrella@ssmpuc.com>; Pariag, Jeremiah <Jeremiah.Pariag@wsp.com>; Squires, Callum <Callum_Squires@golder.com>
Subject: PUC Transmission LP - Notice of Commencement for Class Environmental Assessment for new 230 kV Transmission Line and Station

CAUTION -- EXTERNAL E-MAIL - Do not click links or open attachments unless you recognize the sender.

Hello,

Please see the attached Notice of Commencement for information regarding the Class Environmental Assessment for PUC Transmission LP's proposed new 230 kV Transmission line and station in the City of Sault Ste. Marie.

The public will have the opportunity to participate in multiple in-person and virtual open houses to discuss the project as the Study proceeds.

To provide comments, request additional information or to be added to the Project mailing list, please contact either of the following Project Team members listed below or visit our website at www.PUCTransmissionLP.com.

Thank you,

Dominic Parrella, P. Eng. Executive Lead, Special Projects PUC Transmission LP Tel.: (705) 941-8386 Email: dominic.parrella@ssmpuc.com	Jeremiah Pariag Consultation and Engagement Lead WSP Canada Inc. Tel.: (289) 835-2548 Email: jeremiah.pariag@wsp.com
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LAEmHhHhLJBITW64Hgs7pbK0

From: ElSetouhy, Lina
Sent: March 31, 2022 5:29 PM
Cc: 'Dominic Parrella'; Pariag, Jeremiah; Squires, Callum
Subject: PUC Transmission LP - Notice of Commencement for Class Environmental Assessment for new 230 kV Transmission Line and Station
Attachments: PUC Transmission LP_Minor Transmission Class EA-NoC_31Mar2022.pdf

Hello,

Please see the attached Notice of Commencement for information regarding the Class Environmental Assessment for PUC Transmission LP's proposed new 230 kV Transmission line and station in the City of Sault Ste. Marie.

The public will have the opportunity to participate in multiple in-person and virtual open houses to discuss the project as the Study proceeds.

To provide comments, request additional information or to be added to the Project mailing list, please contact either of the following Project Team members listed below or visit our website at www.PUCTransmissionLP.com.

Thank you,

Dominic Parrella, P. Eng.
Executive Lead, Special Projects
PUC Transmission LP
Tel.: (705) 941-8386
Email: dominic.parrella@smpuc.com

Jeremiah Pariag
Consultation and Engagement Lead
WSP Canada Inc.
Tel.: (289) 835-2548
Email: jeremiah.pariag@wsp.com

From: ElSetouhy, Lina
Sent: April 1, 2022 9:34 AM
Subject: PUC Transmission LP - Notice of Commencement for Class Environmental Assessment for new 230 kV Transmission Line and Station
Attachments: PUC Transmission LP_Minor Transmission Class EA-NoC_31Mar2022.pdf

Hello,

Please see the attached Notice of Commencement for information regarding the Class Environmental Assessment for PUC Transmission LP's proposed new 230 kV Transmission line and station in the City of Sault Ste. Marie.

The public will have the opportunity to participate in multiple in-person and virtual open houses to discuss the project as the Study proceeds.

To provide comments, request additional information or to be added to the Project mailing list, please contact either of the following Project Team members listed below or visit our website at www.PUCTransmissionLP.com.

Thank you,

Dominic Parrella, P. Eng.
Executive Lead, Special Projects
PUC Transmission LP
Tel.: (705) 941-8386
Email: dominic.parrella@smpuc.com

Jeremiah Pariag
Consultation and Engagement Lead
WSP Canada Inc.
Tel.: (289) 835-2548
Email: jeremiah.pariag@wsp.com

From: Brown, Gillian (ENERGY) <Gillian.Brown2@ontario.ca>
Sent: May 30, 2022 3:12 PM
To: ElSetouhy, Lina
Cc: Pariag, Jeremiah; dominic.parrella@ssmpuc.com; jairus.patterson@ssmpuc.com; Gibson, Amy (ENERGY); Skillen, Tamara; Adkar, Samir (ENERGY)
Subject: Delegation Letter - PUC Transmission LP - Sault Ste. Marie Line and Substation
Attachments: DelegationLtr_PUCSaultSteMarie_22_05_30.pdf

Hi Lina,

I hope you are having a lovely day.

Please see attached for the delegation letter for the Sault Ste. Marie transmission line and substation project, sent on behalf of Samir Adkar, Director of Energy Networks and Indigenous Policy.

Please let me know if you have any questions.

Thank you,
Gillian

From: ElSetouhy, Lina <Lina.Elsetouhy@wsp.com>
Sent: 18 May 2022 15:08
To: Brown, Gillian (ENERGY) <Gillian.Brown2@ontario.ca>
Cc: Pariag, Jeremiah <Jeremiah.Pariag@wsp.com>; dominic.parrella@ssmpuc.com <dominic.parrella@ssmpuc.com>; jairus.patterson@ssmpuc.com <jairus.patterson@ssmpuc.com>; Gibson, Amy (ENERGY) <Amy.Gibson@ontario.ca>; Skillen, Tamara <Tamara_Skillen@golder.com>
Subject: RE: PUC Transmission LP, Minor transmission facilities Class EA, Category 'B'

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Hi Gillian,

Thank you very much for your response and for providing the interim list of Ingenious communities. We will await the Ministry's formal delegation of specific communities.

As well, your note regarding the writ period and approvals is understood and the project team will keep that in mind moving forward.

Much appreciated,
Lina

Lina ElSetouhy (RPP, MCIP, ENV SP), She/Her
Environmental Planner
Earth and Environment

T+ 1 289-982-4306



From: Brown, Gillian (ENERGY) <Gillian.Brown2@ontario.ca>
Sent: May 18, 2022 2:37 PM
To: ElSetouhy, Lina <Lina.Elsetouhy@wsp.com>
Cc: Pariag, Jeremiah <Jeremiah.Pariag@wsp.com>; dominic.parrella@ssmpuc.com; jairus.patterson@ssmpuc.com; Gibson, Amy (ENERGY) <Amy.Gibson@ontario.ca>; Skillen, Tamara <Tamara_Skillen@golder.com>; Skillen, Tamara <Tamara_Skillen@golder.com>
Subject: RE: PUC Transmission LP, Minor transmission facilities Class EA, Category 'B'

Hi Lina,

Thank you for reaching out.

Since PUC provided the detailed project information on May 10th, the Ministry of Energy has moved forward with its preliminary assessment with respect to the Project and its potential impacts to the Aboriginal and treaty rights of Indigenous communities. As Amy previously mentioned, this entails careful analysis and coordination with ministry partners, which can often take some time. While work is progressing well and our recommendation will soon be sent up for approval, given that we are in a writ period with the upcoming election, the approvals process could take more time than usual.

Given that PUC is hoping to organize a public information centre soon and would like to ensure Indigenous communities are engaged early, we believe it is best to provide an interim list of communities that may take an interest in the project based on proximity and/or our knowledge of the treaties and traditional territories associated with these communities. We expect to provide our formal delegation of the specific communities identified for rights-based consultation as soon as possible, which will identify the level of consultation required for each of the communities. Please note the list of communities identified as potentially impacted will not necessarily be as lengthy as the list below, as the duty to consult flows from the potential of the project to impact constitutionally-protected Aboriginal and treaty rights.

We hope that this approach will allow PUC to invite the communities listed below on an interest-basis, with the understanding that an invitation to a public open house would likely not constitute formal consultation, but would still be a helpful initial engagement opportunity and support more meaningful relationships with communities in the region. Please let us know if you have any questions.

Communities that may be interested in the project:

Batchewana First Nation
236 Frontenac Street
Sault Ste Marie, ON, P6A 5K9
Chief: Dean Sayers, (705) 759-0914, chiefdeansayers@batchewana.ca
Consultation Coordinator: Danny Sayers Jr., (705) 759-0914, dansayers@batchewana.ca

Garden River First Nation
7 Shingwauk Street,
RR 4
Garden River, ON, P6A 6Z8
Chief: , (705) 946-6300, arickard@gardenriver.org
Consultation Coordinator: Cheyenne Nolan, (705) 946-6300 ext 233, cnolan@gardenriver.org

Michipicoten First Nation
PO Box 1, Site 8,
RR 1
Wawa, ON, P0S 1K0
Chief: Patricia Tangie, (705) 856-1993, ptangie@michipicoten.com
Community and Land Use Planner: Alex Marques, (705) 856-1993 ext 217, a.marques@michipicoten.com

MNO Historic Sault Ste. Marie Métis Council
26 Queen Street East
Sault Ste. Marie, ON, P6A 1Y3
President: Kim Powley, kimmysue2014@gmail.com

MNO Region 4
Consultation Advisor: Justin Hunt, (705) 527-3612, JustinH@metisnation.org

Thank you,
Gillian

From: ElSetouhy, Lina <Lina.Elsetouhy@wsp.com>
Sent: May 17, 2022 11:00 AM
To: Brown, Gillian (ENERGY) <Gillian.Brown2@ontario.ca>
Cc: Pariag, Jeremiah <Jeremiah.Pariag@wsp.com>; dominic.parrella@ssmpuc.com; jairus.patterson@ssmpuc.com; Gibson, Amy (ENERGY) <Amy.Gibson@ontario.ca>; Skillen, Tamara <Tamara_Skillen@golder.com>; Skillen, Tamara <Tamara_Skillen@golder.com>
Subject: RE: PUC Transmission LP, Minor transmission facilities Class EA, Category 'B'

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Hello Gillian,

I am following up on our request for the indigenous communities list as the Public Information Centre is fast approaching. Currently planned for May 26. Any update on this request will be very helpful.

Thanks,

Lina ElSetouhy (RPP, MCIP, ENV SP), She/Her
Environmental Planner
Earth and Environment

T+ 1 289-982-4306



From: Brown, Gillian (ENERGY) <Gillian.Brown2@ontario.ca>
Sent: May 10, 2022 2:45 PM
To: ElSetouhy, Lina <Lina.Elsetouhy@wsp.com>
Cc: Pariag, Jeremiah <Jeremiah.Pariag@wsp.com>; dominic.parrella@ssmpuc.com; jairus.patterson@ssmpuc.com; Gibson, Amy (ENERGY) <Amy.Gibson@ontario.ca>; Skillen, Tamara <Tamara_Skillen@golder.com>
Subject: Re: PUC Transmission LP, Minor transmission facilities Class EA, Category 'B'

Hi Lina,

Thank you for following up with the requested information. I will review and be in touch if I have any questions.

Best,
Gillian

From: ElSetouhy, Lina <Lina.Elsetouhy@wsp.com>
Sent: 10 May 2022 11:04
To: Brown, Gillian (ENERGY) <Gillian.Brown2@ontario.ca>
Cc: Pariag, Jeremiah <Jeremiah.Pariag@wsp.com>; dominic.parrella@ssmpuc.com; jairus.patterson@ssmpuc.com; jairus.patterson@ssmpuc.com; Gibson, Amy (ENERGY) <Amy.Gibson@ontario.ca>; Skillen, Tamara <Tamara_Skillen@golder.com>
Subject: RE: PUC Transmission LP, Minor transmission facilities Class EA, Category 'B'

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Hello Gillian and Amy,

On behalf of PUC, please see attached a letter response that includes the information requested.

As well, attached is a zipped folder that includes Shapefiles with locations of the proposed route and station options.

Thank you,
Lina

Lina ElSetouhy, she/her
Environmental Planner, RPP, MCIP, ENV SP
Environmental Planning, Earth and Environment

T+ 1 289-982-4306



From: Brown, Gillian (ENERGY) <Gillian.Brown2@ontario.ca>
Sent: May 10, 2022 10:33 AM
To: ElSetouhy, Lina <Lina.Elsetouhy@wsp.com>
Cc: Pariag, Jeremiah <Jeremiah.Pariag@wsp.com>; dominic.parrella@ssmpuc.com; jairus.patterson@ssmpuc.com; Gibson, Amy (ENERGY) <Amy.Gibson@ontario.ca>
Subject: RE: PUC Transmission LP, Minor transmission facilities Class EA, Category 'B'

Good morning,

I hope this email finds you well.

I am following up in regards to the below in the hopes of receiving some additional project information that will inform our analysis. The potential impacts on the land would be most helpful.

Would you be able to let me know if the below information is available, and if so, could you please provide it?

Thank you kindly,
Gillian

From: Gibson, Amy (ENERGY) <Amy.Gibson@ontario.ca>

Sent: May 3, 2022 1:30 PM

To: ElSetouhy, Lina <Lina.Elsetouhy@wsp.com>

Cc: Pariag, Jeremiah <Jeremiah.Pariag@wsp.com>; dominic.parrella@ssmpuc.com; jairus.patterson@ssmpuc.com; Brown, Gillian (ENERGY) <Gillian.Brown2@ontario.ca>

Subject: RE: PUC Transmission LP, Minor transmission facilities Class EA, Category 'B'

Hi again Lina,

Looping in our staff lead for this project, Gillian, so we are all connected and on the same page. She has identified some further information we are interested in receiving to assist in our duty to consult (DTC) assessment for the PUC project:

Are shape files available? If not, what are the coordinates for the start point, the end point, and the existing and proposed station options?

What potential impacts on air, water, land and/or natural resources can reasonably be foreseen?

What is the likely geographical scope of the impacts? (e.g., will road allowances be used where possible, entirely within municipal boundaries, mitigation measures, etc.)

Have any Indigenous communities been engaged to-date?

Our time to complete a preliminary assessment of potential rights impacts/duty to consult considerations depends greatly on the project location and scope of work, but we typically allot up to 25 business days on our end to get a delegation letter out the door, for the reasons I flagged below about needing to chase information, assess/identify potentially impacted communities, coordinate with ministry partners and our legal counsel and seek internal approvals.

I understand the desire to engage any potentially impacted communities and share a notice of commencement from an optics perspective ahead of the PIC in late May, while noting any participation in a public open house would not likely constitute DTC-driven consultation with Indigenous communities (if this is even required for this one, TBC through our preliminary assessment). Regardless, it is an important initial engagement opportunity and we appreciate that. If you can share any responsive information for the list of questions above in a timely fashion, we will endeavour to complete our preliminary assessment and confirm one way or another whether there are communities owed a DTC as soon as possible keeping your timelines in mind.

Let Gillian or I know if there are any questions in the meantime, and we look forward to working with you on this!

Cheers, Amy

Amy Gibson (she/her) | Manager, Indigenous Energy Policy | Strategic, Network and Agency Policy Division | **Ministry of Energy** | 416-315-8641 | amy.gibson@ontario.ca

From: ElSetouhy, Lina <Lina.Elsetouhy@wsp.com>

Sent: May 2, 2022 9:24 AM

To: Gibson, Amy (ENERGY) <Amy.Gibson@ontario.ca>

Cc: Pariag, Jeremiah <Jeremiah.Pariag@wsp.com>; dominic.parrella@ssmpuc.com; jairus.patterson@ssmpuc.com

Subject: RE: PUC Transmission LP, Minor transmission facilities Class EA, Category 'B'

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Hi Amy,

Nice to virtually meet you as well and thank you for confirming that I am finally in the right place

Would you be able to let me know the average processing time for this request? As I mentioned that project is on a tight timeline and so we would like to know how long the process will take as we are planning an upcoming Public Information Centre in late May and ideally we would like to invite the relevant Indigenous communities to the event and share with the Notice of Commencement prior to the event.

Looking forward to hearing from you soon.

Thanks,
Lina

Lina ElSetouhy, she/her
Environmental Planner, RPP, MCIP, ENV SP
Environmental Planning, Earth and Environment

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 WSP GOLDER

From: Gibson, Amy (ENERGY) <Amy.Gibson@ontario.ca>

Sent: April 29, 2022 4:01 PM

To: ElSetouhy, Lina <Lina.Elsetouhy@wsp.com>

Cc: Pariag, Jeremiah <Jeremiah.Pariag@wsp.com>; dominic.parrella@ssmpuc.com; jairus.patterson@ssmpuc.com

Subject: RE: PUC Transmission LP, Minor transmission facilities Class EA, Category 'B'

Hi Lina,

I'm glad you were finally directed to the right place – it is nice to meet you over email.

We are looking at this one, and I will follow up early next week to connect you with our staff lead and to advise whether we have any need for additional project information for our preliminary assessment. We appreciate that the project is on a tight timeline, but we do have to meet our Crown obligation to conduct a preliminary assessment of potentially impacted communities and then coordinate with our partner regulatory ministries and legal internally.

Have a great weekend, and I look forward to connecting next week.

Cheers, Amy

Amy Gibson (she/her) | Manager, Indigenous Energy Policy | Strategic, Network and Agency Policy Division | **Ministry of Energy** | 416-315-8641 | amy.gibson@ontario.ca

From: ElSetouhy, Lina <Lina.Elsetouhy@wsp.com>

Sent: April 28, 2022 3:49 PM

To: Gibson, Amy (ENERGY) <Amy.Gibson@ontario.ca>

Cc: Pariag, Jeremiah <Jeremiah.Pariag@wsp.com>; dominic.parrella@ssmpuc.com; jairus.patterson@ssmpuc.com

Subject: FW: PUC Transmission LP, Minor transmission facilities Class EA, Category 'B'

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Hi Amy,

I was advised by Andrea Pastori to contact you to request a list of indigenous communities and organizations for the PUC 250 kV Transmission Project. I attached the Notice of Commencement, which includes the project study area, for your reference.

Please note that the project is on a tight timeline and so we would really appreciate a quick turnaround on this request.

Looking forward to hearing from you.

Thanks,
Lina

Lina ElSetouhy, *she/her*
Environmental Planner, RPP, MCIP, ENV SP
Environmental Planning, Earth and Environment

T+ 1 289-982-4306



From: Pastori, Andrea (ENERGY) <Andrea.Pastori@ontario.ca>
Sent: April 28, 2022 1:52 PM
To: ElSetouhy, Lina <Lina.Elsetouhy@wsp.com>
Cc: Squires, Callum <Callum_Squires@golder.com>; Pariag, Jeremiah <Jeremiah.Pariag@wsp.com>; dominic.parrella@ssmpuc.com; jairus.patterson@ssmpuc.com
Subject: RE: PUC Transmission LP, Minor transmission facilities Class EA, Category 'B'

Hi Lina,

I've been asked to put you directly in touch with the Indigenous Energy Policy Unit. Can you please reach out directly to Amy Gibson (amy.gibson@ontario.ca).

Thank you,
Andrea

From: Pastori, Andrea (ENERGY)
Sent: April 28, 2022 12:53 PM
To: ElSetouhy, Lina <Lina.Elsetouhy@wsp.com>
Cc: Squires, Callum <Callum_Squires@golder.com>; Pariag, Jeremiah <Jeremiah.Pariag@wsp.com>; dominic.parrella@ssmpuc.com; jairus.patterson@ssmpuc.com
Subject: RE: PUC Transmission LP, Minor transmission facilities Class EA, Category 'B'

Hi Lina,

Thanks for getting in touch. I am following up with our Indigenous Energy Policy Unit for the list.

Andrea

From: ElSetouhy, Lina <Lina.Elsetouhy@wsp.com>
Sent: April 28, 2022 8:36 AM
To: Pastori, Andrea (ENERGY) <Andrea.Pastori@ontario.ca>
Cc: Squires, Callum <Callum_Squires@golder.com>; Pariag, Jeremiah <Jeremiah.Pariag@wsp.com>; dominic.parrella@ssmpuc.com; jairus.patterson@ssmpuc.com
Subject: RE: PUC Transmission LP, Minor transmission facilities Class EA, Category 'B'

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Hi Andrea,

I am following up with you as recommended since I have not received a response from the Indigenous Energy Policy Unit. Would you be able to provide an update on when I can anticipate receiving the list of indigenous communities to consult with for this project?

Thanks,
Lina

Lina ElSetouhy, *she/her*
Environmental Planner, RPP, MCIP, ENV SP
Environmental Planning, Earth and Environment

T+ 1 289-982-4306



From: ElSetouhy, Lina
Sent: April 26, 2022 9:00 AM
To: Pastori, Andrea (ENERGY) <Andrea.Pastori@ontario.ca>
Cc: Squires, Callum <Callum_Squires@golder.com>; Pariag, Jeremiah <Jeremiah.Pariag@wsp.com>; dominic.parrella@ssmpuc.com; jairus.patterson@ssmpuc.com
Subject: RE: PUC Transmission LP, Minor transmission facilities Class EA, Category 'B'

Hi Andrea,

Thank you for your response. I will be sure to follow up if I don't receive anything within two business days.

Thanks,
Lina

Lina ElSetouhy, *she/her*
Environmental Planner, RPP, MCIP, ENV SP
Environmental Planning, Earth and Environment

T+ 1 289-982-4306



From: Pastori, Andrea (ENERGY) <Andrea.Pastori@ontario.ca>
Sent: April 25, 2022 1:49 PM
To: ElSetouhy, Lina <Lina.Elsetouhy@wsp.com>
Cc: Squires, Callum <Callum_Squires@golder.com>; Pariag, Jeremiah <Jeremiah.Pariag@wsp.com>; dominic.parrella@ssmpuc.com; jairus.patterson@ssmpuc.com
Subject: RE: PUC Transmission LP, Minor transmission facilities Class EA, Category 'B'

Thanks for letting me know about the tight timeline. Perhaps, if you haven't received anything in a couple of days, you can follow up with me. The list is likely to be sent to you directly and I may not be copied when this happens.

Andrea

From: ElSetouhy, Lina <Lina.Elsetouhy@wsp.com>

Sent: April 25, 2022 1:47 PM

To: Pastori, Andrea (ENERGY) <Andrea.Pastori@ontario.ca>

Cc: Squires, Callum <Callum_Squires@golder.com>; Pariag, Jeremiah <Jeremiah.Pariag@wsp.com>; dominic.parrella@ssmpuc.com; jairus.patterson@ssmpuc.com

Subject: RE: PUC Transmission LP, Minor transmission facilities Class EA, Category 'B'

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Hi Andrea,

Thank you for your response. Please let me know if there is any way we can expedite the response as the Study is on a tight timeline.

Thanks,

Lina

Lina ElSetouhy, *she/her*

Environmental Planner, RPP, MCIP, ENV SP

Environmental Planning, Earth and Environment

T+ 1 289-982-4306



From: Pastori, Andrea (ENERGY) <Andrea.Pastori@ontario.ca>

Sent: April 25, 2022 1:29 PM

To: ElSetouhy, Lina <Lina.Elsetouhy@wsp.com>

Cc: Squires, Callum <Callum_Squires@golder.com>; Pariag, Jeremiah <Jeremiah.Pariag@wsp.com>; dominic.parrella@ssmpuc.com; jairus.patterson@ssmpuc.com

Subject: RE: PUC Transmission LP, Minor transmission facilities Class EA, Category 'B'

Hi Lina,

Thank you for reaching out to me for the list. I do not a list, but I have reached out to our Indigenous Energy Policy Unit for assistance. Please let me know if you do not receive the information you need in due time.

Thank you,

Andrea

From: ElSetouhy, Lina <Lina.Elsetouhy@wsp.com>

Sent: April 25, 2022 11:40 AM

To: Pastori, Andrea (ENERGY) <Andrea.Pastori@ontario.ca>

Cc: Squires, Callum <Callum_Squires@golder.com>; Pariag, Jeremiah <Jeremiah.Pariag@wsp.com>; dominic.parrella@ssmpuc.com; jairus.patterson@ssmpuc.com

Subject: FW: PUC Transmission LP, Minor transmission facilities Class EA, Category 'B'

CAUTION -- EXTERNAL E-MAIL - Do not click links or open attachments unless you recognize the sender.

Hello Andrea,

We are looking for confirmation on the list of indigenous communities to be consulted for the PUC Transmission Class EA, please see attached Notice of Commencement for reference.

We were advised by the MECP to contact the Ministry of Energy to request a list of indigenous communities and any other consultation resources that may be required for this Class EA.

Looking forward to hearing from you.

Thanks,

Lina

Lina ElSetouhy, *she/her*

Environmental Planner, RPP, MCIP, ENV SP

Environmental Planning, Earth and Environment

T+ 1 289-982-4306



From: Badali, Mark (MECP) <Mark.Badali1@ontario.ca>

Sent: April 21, 2022 2:56 PM

To: ElSetouhy, Lina <Lina.Elsetouhy@wsp.com>

Cc: dominic.parrella@ssmpuc.com; jairus.patterson@ssmpuc.com; Pariag, Jeremiah <Jeremiah.Pariag@wsp.com>; Squires, Callum <Callum_Squires@golder.com>

Subject: RE: PUC Transmission LP, Minor transmission facilities Class EA, Category 'B'

Good afternoon,

I'm afraid I misspoke in previous email – my sincere apologies. For projects under the Class Environmental Assessment for Minor Transmission Facilities, per Section 4.1.1 of the parent Class EA document, the Ministry of Energy is the proponent's primary contact for matters regarding the Duty to Consult. As such, I would advise you to please reach out to your Ministry of Energy contact to request a list of communities and any other consultation resources that may be required.

I will be providing you with a letter acknowledgement in response to the Notice of Commencement for this Class EA project, including the MECP's areas of interest that the proponent should consider during the Class EA process.

Please be advised that our unit is currently undergoing some staff transitions, so an alternate MECP Regional Environmental Planner may reach out to you in the coming month with updated contact information.

Thank you,

Mark Badali ([he/him](#))

Regional Environmental Planner (REP) – Southwest Region

Project Review Unit | Environmental Assessment Branch

Ontario Ministry of the Environment, Conservation and Parks

Mark.Badali1@ontario.ca | (416) 457-2155

****I am currently unable to receive calls by phone – please feel free to email me to setup an online audio call****

From: Badali, Mark (MECP)

Sent: April 14, 2022 5:36 PM

To: Lina.Elsetouhy@wsp.com

Cc: dominic.parrella@ssmpuc.com; jairus.patterson@ssmpuc.com; Jeremiah.Pariag@wsp.com; Callum_Squires@golder.com
Subject: RE: PUC Transmission LP, Minor transmission facilities Class EA, Category 'B'

Hi Lina,

Thank you for your emails. We are in the process of preparing a list of Indigenous Communities for consultation, which I will provide to WSP and the proponent as soon as possible.

Have a great weekend,

Mark Badali ([he/him](#))

Regional Environmental Planner (REP) – Southwest Region
Project Review Unit | Environmental Assessment Branch
Ontario Ministry of the Environment, Conservation and Parks
Mark.Badali1@ontario.ca | (416) 457-2155

****I am currently unable to receive calls by phone – please feel free to email me to setup an online audio call****



From: ElSetouhy, Lina <Lina.Elsetouhy@wsp.com>

Sent: April 14, 2022 9:41 AM

To: EA Notices to NRegion (MECP) <eanotification.nregion@ontario.ca>

Cc: Majerovich, Mira (MECP) <Mira.Majerovich@ontario.ca>; shelley.waino2@ontario.ca; Dominic Parrella <dominic.parrella@ssmpuc.com>; Jairus Patterson <jairus.patterson@ssmpuc.com>; Pariag, Jeremiah <Jeremiah.Pariag@wsp.com>; Squires, Callum <Callum_Squires@golder.com>

Subject: RE: PUC Transmission LP, Minor transmission facilities Class EA, Category 'B'

CAUTION -- EXTERNAL E-MAIL - Do not click links or open attachments unless you recognize the sender.

Good morning,

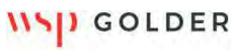
Following up on my email below.

Please note that this Study is on a tight timeline. Could the MECP please confirm the list of Indigenous Communities as soon as possible (i.e., while the formal technical response is being prepared)?

Thanks,
Lina

Lina ElSetouhy, *she/her*
Environmental Planner, RPP, MCIP, ENV SP
Environmental Planning, Earth and Environment

T+ 1 289-982-4306
Vacation alert: April 18-22



From: ElSetouhy, Lina

Sent: March 31, 2022 1:36 PM

To: eanotification.nregion@ontario.ca

Cc: mira.majerovich@ontario.ca; shelley.waino2@ontario.ca; Dominic Parrella <dominic.parrella@ssmpuc.com>; Jairus Patterson <jairus.patterson@ssmpuc.com>; Pariag, Jeremiah <Jeremiah.Pariag@wsp.com>; Squires, Callum <Callum_Squires@golder.com>

Subject: PUC Transmission LP, Minor transmission facilities Class EA, Category 'B'

Hello,

Please see attached for the Project Information Form and the Notice of Commencement for the PUC Transmission LP Class Environmental Assessment Study for a new 230 kV Transmission line and station in the City of Sault Ste. Marie.

Please note that this Study is on a tight timeline. Could the MECP please confirm the list of Indigenous Communities as soon as possible (i.e., while the formal technical response is being prepared)?

Thank you.

On behalf of the Project Team,

Dominic Parrella, P. Eng. Executive Lead, Special Projects PUC Transmission LP Tel.: (705) 941-8386 Email: dominic.parrella@ssmpuc.com	Jeremiah Pariag Consultation and Engagement Lead WSP Canada Inc. Tel.: (289) 835-2548 Email: jeremiah.pariag@wsp.com
--	--

Thanks,
Lina

Lina ElSetouhy, *She/Her*
Environmental Planner, RPP, MCIP, ENV SP
Environmental Planning, Earth and Environment

T+ 1 289-982-4306
Vacation alert: April 18-22



WSP and Golder have joined together to form the premier environmental consultancy in the industry. Together we are 14,000 strong, future ready and delivering innovative solutions to our clients around the globe.

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-LAEmHh1sdJzBITWfa4Hgs7pH0

Public Information Centre #1 Notice
Correspondence Record

From: [ElSetouhy, Lina](#)
Cc: [Dominic Parrella](#); [Pariag, Jeremiah](#)
Bcc: [Jairus Patterson](#); [shelley.waino2@ontario.ca](#); [eanotification.nregion@ontario.ca](#); [jocelyn.beatty@ontario.ca](#); [Pastori, Andrea \(ENERGY\)](#); [mary.perry@ontario.ca](#); [Omer, Omerdin \(NDMNRF\)](#); [jennifer.paetz@ontario.ca](#); [justin.standeven@ontario.ca](#); [karla.barboza@ontario.ca](#); [jack.mallon@ontario.ca](#); [anna.little@ontario.ca](#); [john.fraser3@ontario.ca](#); [shireen.mohammed@ontario.ca](#); [nathan.hamill@ontario.ca](#); [joanna.brown@infrastructureontario.ca](#); [David.Macey@infrastructureontario.ca](#); [ainsley.davidson@infrastructureontario.ca](#); [joanna.craig@infrastructureontario.ca](#); [noticereview@infrastructureontario.ca](#); [nature@ssmrca.ca](#); [jennifer.davey@opp.ca](#); [k.kirkham@socialservices-ssmd.ca](#); [naadia.carrier@enbridge.com](#); [Majerovich, Mira \(MECP\)](#); [orlan.euale@ssmpuc.com](#); [andrew.bostelaar@ssmpuc.com](#); [andrew.hallett@ssmpuc.com](#); [bassel.alkosani@ssmpuc.com](#); [brooke.suurna@ssmpuc.com](#); [carla.buckner@ssmpuc.com](#); [carmen.coccimiglio@ssmpuc.com](#); [claudio.stefano@ssmpuc.com](#); [danielle.tonucci@ssmpuc.com](#); [darren.seabrook@ssmpuc.com](#); [David.mclaughlin@ssmpuc.com](#); [david.vilaca@ssmpuc.com](#); [guillaume.vachon@ssmpuc.com](#); [hannu.keranen@ssmpuc.com](#); [jairus.patterson@ssmpuc.com](#); [janis.gartshore@ssmpuc.com](#); [jennifer.uchmanowicz@ssmpuc.com](#); [Jim McLean](#); [Joe.Genua@ssmpuc.com](#); [katie.elliott@ssmpuc.com](#); [Kelly McLellan](#); [kelly.sutton@ssmpuc.com](#); [Kevin Bell](#); [Kevin Whalen](#); [Marc Coletti](#); [Marisa Balgue](#); [Mark Britton](#); [mark.faught@ssmpuc.com](#); [Matthew Ritchie](#); [Michael Tomas](#); [Mikaela McDermid](#); [mike.torresan@ssmpuc.com](#); [Mitchell Paradis](#); [Orlan Euale](#); [Phil Johnston](#); [Pina Pacione](#); [Rob Harten](#); [Robert Battisti](#); [robert.boston@ssmpuc.com](#); [robert.brewer@ssmpuc.com](#); [Robert Krysa](#); [Ryan Palahnuik](#); [Shelley Hambly](#); [Sherrri Cleaves](#); [Stephen Conway](#); [Travis Seabrook](#); [Trina Avery](#); [Tyler Alleway](#); [Tyler Kasubeck](#); [d.perri@cityssm.on.ca](#); [c.rumiel@cityssm.on.ca](#); [m.mcauley@cityssm.on.ca](#); [c.taddo@cityssm.on.ca](#); [mayor.provenzano@cityssm.on.ca](#); [p.christian@cityssm.on.ca](#); [s.hollingsworth@cityssm.on.ca](#); [l.dufour@cityssm.on.ca](#); [l.vezeauallen@cityssm.on.ca](#); [d.hilsinger@cityssm.on.ca](#); [m.shoemaker@cityssm.on.ca](#); [m.bruni@cityssm.on.ca](#); [r.niro@cityssm.on.ca](#); [c.gardi@cityssm.on.ca](#); [m.scott@cityssm.on.ca](#)
Subject: PUC Transmission LP - Notice of Public Information Centre #1 for Class Environmental Assessment of new 230 kV Transmission Line and Station
Date: May 19, 2022 2:40:00 PM
Attachments: [PUC Transmission LP_Minor Transmission Class EA PIC #1 Notice.pdf](#)

Hello,

Please see the attached Notice of Public Information Centre (PIC) #1 for information regarding the Class Environmental Assessment for PUC Transmission LP's proposed new 230 kV Transmission line and station in Sault Ste. Marie.

PIC #1 will take place as follows:

IN-PERSON PIC #1 DETAILS*

Date: May 26th, 2022

Time: 4:30PM to 7:30PM

Location: Northern Community Centre
(556 Goulais Ave, Sault Ste. Marie, ON,
P6C 5A7)

Registration: Please sign-in at the PIC

VIRTUAL PIC #1 DETAILS

Date: May 31st, 2022

Time: 6:00PM to 7:30PM

Location: To be held virtually via Zoom
(Link to be provided upon registration)

Registration: visit

www.PUCTransmissionLP.com

* Please note that masks are required for the in-person PIC.

If you are unable to attend the live meeting, the presentation materials and meeting recording will be shared after virtual PIC #1 at www.PUCTransmissionLP.com. If you have any questions about the project or wish to be added to the mailing list, please contact the undersigned.

Thank you,

Lina ElSetouhy (RPP, MCIP, ENV SP), *She/Her*

Environmental Planner
Earth and Environment
T+ 1 289-982-4306



On behalf of:

Dominic Parrella, P. Eng.

Executive Lead, Special Projects

PUC Transmission LP

Tel.: (705) 941-8386

Email:

dominic.parrella@ssmpuc.com

Jeremiah Pariag

Consultation and Engagement Lead

WSP Canada Inc.

Tel.: (289) 835-2548

Email: jeremiah.pariag@wsp.com

To: Pariag, Jeremiah
Subject: RE: PUC Class EA 230kV Transmission Project - NDMNRF Comments

From: Laidley, Jon (NDMNRF) <Jon.Laidley@ontario.ca>
Sent: Wednesday, June 15, 2022 4:19 PM
To: Pariag, Jeremiah <Jeremiah.Pariag@wsp.com>
Cc: dominic.parrella@ssmpuc.com
Subject: PUC Class EA 230kV Transmission Project - NDMNRF Comments

Good afternoon Jeremiah,

I want to apologize for the delay in providing these comments to you for PUC's Class EA Study for the 230kV Transmission Project. The Sault Ste. Marie District NDMNRF office unfortunately did not receive the initial Notice of Commencement when your team had circulated the notice back in March. In the event you are circulating NDMNRF on future notices related to this (or other) projects within Sault Ste. Marie District, could you please also cc myself in addition to the ministry's Northeast Regional Office.

I have provided comments from the Sault Ste. Marie District NDMNRF, below:

There are multiple unevaluated wetlands in the approximate area of the proposed study area. For further information regarding the location of wetlands and other identified non-sensitive natural heritage features in the study area, the proponent can utilize Land Information Ontario (LIO) or NDMNRF's publicly available "Make a Natural Heritage Map" tool at: <https://www.ontario.ca/page/make-natural-heritage-area-map>

Several species at risk are known to occur throughout the area and as a result may be affected by the proposed undertaking. For information on species at risk please contact the Ministry of the Environment, Conservation, and Parks at SAROntario@ontario.ca.

Damage or destruction of beaver dams and/or stick nests may require an authorization under the *Fish and Wildlife Conservation Act* and as a result NDMNRF should be contacted if these features have the potential to be impacted.

There is the potential for unmapped Significant Wildlife Habitat to exist within the subject area, especially those associated with wetlands (i.e. Amphibian Breeding Habitat)

In the event that the work taking place on private land has the potential to impact Crown land or Crown land resources (i.e. shorelands or the bed of a waterway), the proponent should contact NDMNRF to determine any further permitting requirements.

In-water work has the potential to require authorization from NDMNRF under the *Lakes and Rivers Improvement Act* or the *Public Lands Act*. If in-water work is planned, the proponent should contact NDMNRF to determine any further permitting requirements.

If in-water work is planned to occur, the Department of Fisheries and Oceans (DFO) may need to be consulted. The proponent should refer to DFO's website at <http://www.dfo-mpo.gc.ca/pnw-ppe/index-eng.html> to determine if project review is required. If uncertain about whether the project requires DFO review or if there are related questions, please contact DFO by telephone at 1-855-852-8320 or by email at fisheriesprotection@dfo-mpo.gc.ca.

Apologies again for the delay in these comments. I want to thank you for your patience. Please feel free to contact me if you have questions.

Thank you,
Jon Laidley
District Planner
Sault Ste. Marie District | Northeast Region | Regional Operations Division
Ministry of Northern Development, Mines, Natural Resources and Forestry (NDMNRF)
jon.laidley@ontario.ca | (705) 618-1972

Please Note: As part of providing [accessible customer service](#), please let me know if you have any accommodation needs or require communication supports or alternate formats.

APPENDIX

B-6 *MUNICIPAL AGENCIES CORRESPONDENCE RECORDS*

Notice of Commencement Correspondence Record

From: Dominic Parrella <dominic.parrella@ssmpuc.com>
Sent: April 20, 2022 11:14 AM
To: Rob Harten
Cc: r.niro@cityssm.on.ca
Subject: RE: PUC TransCo 230kV Line - Inquiry Re: 1000 Goulais Ave.
Attachments: RE: Website Contact Form; 221-01502-00_puc_services_minor_transmission_ea-noc_revised_final_clean.pdf; PUC Transmission - Letter to Owners - ROW West.pdf

Hi Rob, Hi Rick,

We did receive an inquiry from Mr. Cormier through the PUC Transmission EA website (www.PUCTransmissionLP.com) and we provided a response to him which included the image from Google Earth below. I have attached a copy of our response to Mr. Cormier for reference. I have also attached a copy of the Notice of Commencement for the Environmental Assessment for this PUC Transmission project. This is the notice that all property owners within 500 m. of any of the potential alternate routes would have received around March 30th.

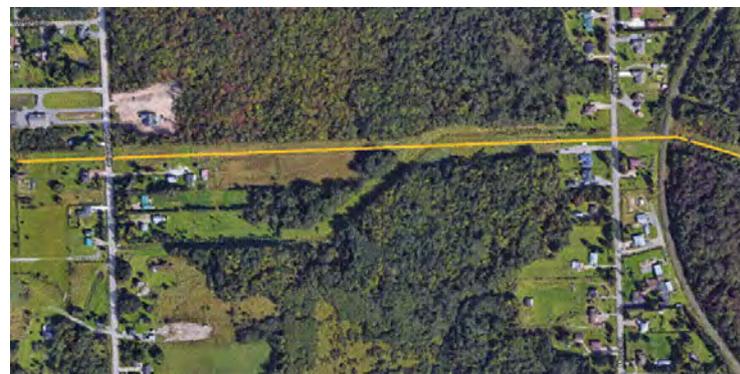
The PUC does hold an easement across his property. This easement and other similar easements were put in place in the early 1970's for future powerlines across the north of the city to get from the Hydro One station at Third Line out to the westerly area of the city.

I have included a third attachment for information, which is a copy of the letter I sent out to all property owners that have one of these existing PUC easements crossing their property. This letter provided high-level details of PUC's proposed 230 kV transmission line across those easements, which PUC Transmission is proposing to construct in order to provide the additional power that Algoma Steel needs to run their new electric arc furnaces.

Rick... please feel free to call me at my cell number below should you wish to discuss this further.

Thank you, and best regards.
Dominic.

Dominic Parrella, P. Eng.
Executive Lead, Special Projects
PUC Services Inc.
C: [705-941-8386](tel:705-941-8386)



From: Rob Harten <rob.harten@ssmpuc.com>
Sent: April 20, 2022 10:18 AM
To: Dominic Parrella <dominic.parrella@ssmpuc.com>
Cc: r.niro@cityssm.on.ca
Subject: PUC TransCo 230kV Line - Inquiry Re: 1000 Goulais Ave.

Morning Dominic:

I had a phone call today with Councillor Rick Nero regarding an inquiry he received from one of his constituents, Chris Cormier who has a property at [REDACTED]. Mr. Cormier's phone number is [REDACTED]. From my understanding Mr. Cormier has an easement across his property associated with the proposed new transmission line, and that he may have been unaware of that until reading some of the publicly available material or perhaps receiving one of the notices mailed out by us. He is hoping someone knowledgeable in the matter can reach out to him to discuss. I've told Mr. Nero to feel free to provide my contact information as a 'go to' so he at least has a point of contact at PUC to reach out to however it is likely something best addressed by you and your team working on the TransCo 230kV line project. Would be appreciated if you could follow up accordingly with Mr. Cormier in an appropriate fashion and please provide a courtesy update to Councillor Nero and me so we are aware of when the matter is in hand.

Thanks, and please give me a call if any associated questions.

Best Regards,



Rob Harten, P. Eng.
Director of Engineering
PUC Services Inc. 500 Second Line E, Sault Ste Marie, ON, Canada
Cell: 705-254-8689 E: rob.harten@ssmpuc.com



From: ElSetouhy, Lina
Sent: March 31, 2022 5:29 PM
Cc: 'Dominic Parrella'; Pariag, Jeremiah; Squires, Callum
Subject: PUC Transmission LP - Notice of Commencement for Class Environmental Assessment for new 230 kV Transmission Line and Station
Attachments: PUC Transmission LP_Minor Transmission Class EA-NoC_31Mar2022.pdf

Hello,

Please see the attached Notice of Commencement for information regarding the Class Environmental Assessment for PUC Transmission LP's proposed new 230 kV Transmission line and station in the City of Sault Ste. Marie.

The public will have the opportunity to participate in multiple in-person and virtual open houses to discuss the project as the Study proceeds.

To provide comments, request additional information or to be added to the Project mailing list, please contact either of the following Project Team members listed below or visit our website at www.PUCTransmissionLP.com.

Thank you,

Dominic Parrella, P. Eng.
Executive Lead, Special Projects
PUC Transmission LP
Tel.: (705) 941-8386
Email: dominic.parrella@smpuc.com

Jeremiah Pariag
Consultation and Engagement Lead
WSP Canada Inc.
Tel.: (289) 835-2548
Email: jeremiah.pariag@wsp.com

Public Information Centre #1 Notice
Correspondence Record

From: [ElSetouhy, Lina](mailto:ElSetouhy.Lina)
To: c.neveau@cityssm.on.ca
Cc: [Pariag, Jeremiah; Dominic Parrella](mailto:Pariag,Jeremiah;Dominic.Parrella)
Bcc: jairus.patterson@ssmpuc.com
Subject: FW: PUC Transmission LP - Notice of Public Information Centre #1 for Class Environmental Assessment of new 230 kV Transmission Line and Station
Date: May 19, 2022 2:45:00 PM
Attachments: [PUC Transmission LP_Minor Transmission Class EA PIC #1 Notice.pdf](#)

Hello,

Please see the attached Notice of Public Information Centre (PIC) #1 for information regarding the Class Environmental Assessment for PUC Transmission LP's proposed new 230 kV Transmission line and station in Sault Ste. Marie.

PIC #1 will take place as follows:

IN-PERSON PIC #1 DETAILS*

Date: May 26th, 2022
Time: 4:30PM to 7:30PM
Location: Northern Community Centre
(556 Goulais Ave, Sault Ste. Marie, ON, P6C 5A7)
Registration: Please sign-in at the PIC

VIRTUAL PIC #1 DETAILS

Date: May 31st, 2022
Time: 6:00PM to 7:30PM
Location: To be held virtually via Zoom
(Link to be provided upon registration)
Registration: visit www.PUCTransmissionLP.com

* Please note that masks are required for the in-person PIC.

If you are unable to attend the live meeting, the presentation materials and meeting recording will be shared after virtual PIC #1 at www.PUCTransmissionLP.com. If you have any questions about the project or wish to be added to the mailing list, please contact the undersigned.

Thank you,

Lina ElSetouhy (RPP, MCIP, ENV SP), She/Her
Environmental Planner
Earth and Environment
T+ 1 289-982-4306



On behalf of:

Dominic Parrella, P. Eng.
Executive Lead, Special Projects
PUC Transmission LP
Tel.: (705) 941-8386
Email: dominic.parrella@ssmpuc.com

Jeremiah Pariag
Consultation and Engagement Lead
WSP Canada Inc.
Tel.: (289) 835-2548
Email: jeremiah.pariag@wsp.com

From: Dan Perri <d.perri@cityssm.on.ca>
Sent: May 19, 2022 2:41 PM
To: ElSetouhy, Lina <Lina.Elsetouhy@wsp.com>

Subject: Automatic reply: PUC Transmission LP - Notice of Public Information Centre #1 for Class Environmental Assessment of new 230 kV Transmission Line and Station

I will be away from the office returning June 6. If you require immediate assistance please email Conrad Neveau at c.neveau@cityssm.on.ca or call (705)759-5201.

Individuals who submit written correspondence or information to the City should be aware that any personal information contained in their communications may become part of the public record and made available to the public through the Council Agenda process or that of a committee of Council or a local board.

APPENDIX

B-7 *PUBLIC CORRESPONDENCE RECORDS*

Notice of Commencement Correspondence Record

To: PUCQuestionsLP
Subject: RE: Proposed 230 kV Transmission Project route

From: PUCQuestionsLP <Questions@PUCTransmissionLP.com>
Sent: April 24, 2022 9:56 PM
Subject: FW: Proposed 230 kV Transmission Project route

Hello Mr. Halucha,

Thank you for your comments and interest in the Minor Transmission Class Environmental Assessment for PUC Transmission LP's proposed new 230 kV Transmission line and station.

With reference to the attached drawing of the study area, please note the black line shown running west from the Hydro One Third Line Station to the westerly limit, where it turns south and crosses Third Line until it meets the yellow and orange alternatives, is covered by existing PUC easements that have been in place since the early 70's for eventual construction of such a powerline. Therefore, the black line represents the most cost-effective way to reach the west end of the city.

In order to reach the Algoma Steel site, south of the existing PUC easements, there are a number of alternative routes being considered, as indicated by the various coloured options on the attached study area map.

The purpose of the Class EA process is to provide the public and stakeholders the ability to engage and be consulted as part of the EA process. We value your feedback and input. As such, a Public Information Centre / Open House will be held in person late in May. A virtual information session will also be held the week after the in-person session. More details about the project will be provided at the open houses. There will additionally be a second round of in-person and virtual engagement activities at a later stage in the study.

For up-to-date information on open houses or the status of the project, please sign up for our mailing list at www.PUCTransmissionLP.com

Thank you,
PUC Transmission LP Project Team

From: John Halucha
Sent: April 6, 2022 2:35 PM
To: Dominic Parrella <dominic.parrella@ssmpuc.com>
Subject: Proposed 230 kV Transmission Project route

CAUTION: This email originated outside of PUC. Do not open attachments or click links unless you recognize the sender and know the content is safe.

Dear Mr. Parrella,

I am curious why PUC Transmission LP has chosen a route that veers north rather than taking a more direct course to Algoma Steel: from the Third Line Hydro Station south across Third Line for perhaps 50 to 200 metres, then directly west to meet up with the published proposed route mid-way between Goulais Avenue and Allens Sideroad. By my rough reckoning, this would save some 1200 metres. Using your information that the proposed route would be approximately 14 km, this more-direct path would be about 12.8 km. Why would PUC want to add almost 10 per cent to the length of the line with commensurate extra initial construction costs, ongoing maintenance costs, and wasteful line losses for as long as these cables carry huge amounts of electricity to Algoma Steel?

The longer route is a curious choice, especially for a project whose avowed goal is environmental benefit.

In addition, it looks to me as though the more-direct route I described would affect fewer neighbouring residences largely because it does not go some 1.2 kilometres extra in a roundabout course.

I would be grateful if you could explain this to me or suggest whom I could contact for the reasoning that led to an inefficient proposal with extra costs and extra environmental impact.

Thank you.
John Halucha

To: PUCQuestionsLP
Subject: RE: PUC Transmission Project - Class EA Notice of Commencement

From: PUCQuestionsLP <Questions@PUCTransmissionLP.com>
Sent: May 3, 2022 8:35 AM
To:
Subject: FW: PUC Transmission Project - Class EA Notice of Commencement

Hello Mr. Halucha,

Further to your inquiry of the Conservation Authority, please find below the comments we received from them in relation to this Study.

Also, please note we will be providing responses to the questions you submitted on April 24th within 10 business days of that submission date.

Thank you,
PUC Transmission LP Project Team

From: Marlene McKinnon <mmckinnon@ssmrca.ca>
Sent: April 4, 2022 1:50 PM
To: Dominic Parrella <dominic.parrella@ssmpuc.com>; jeremiah.pariag@wsp.com
Cc: Corrina Barrett <cbarrett@ssmrca.ca>; Anjum Amin <aamin@ssmrca.ca>; Christine Ropeter <cropeter@ssmrca.ca>
Subject: RE: PUC Transmission Project - Class EA Notice of Commencement

CAUTION: This email originated outside of PUC. Do not open attachments or click links unless you recognize the sender and know the content is safe.

Dominic and Jeremiah,

I have the following comments from Anjum Amin, P.Eng., Sault Ste. Marie Region Conservation Authority;

"I have reviewed the proposed project and providing following comments:

The setbacks for infrastructure such as high voltage power transmission lines, towers and stations are 15 metres from the regulatory flood line and top of stable slope. To place infrastructure within the 15 metres setbacks or slope area, a geotechnical study will be required. The 15 metres setbacks from the top of stable slope may be reduced based on geotechnical study if the Factor of Safety (FS) is 1.4 - 1.5 or greater for the proposed infrastructure. This minimum value of F.S is generally required for developments which are designed close to valley slopes. The study must be prepared by a qualified professional engineer attesting the stability of slopes to support the structure/s. The study should include global slope stability analysis.

Thanks,
Anjum Amin, P.Eng.
Water Resources Engineer"

Any work within SSMRCA regulated area will require a permit. This will affect all of the options to some extent. On Soomaps.com the regulated area can be turned on under the General Layers. Mapping will be generated at SSMRCA to process the permit application.

Thank you, Marlene
Please note that due to COVID19 our staff request that you contact via phone or email prior to visiting the office .

M. A. McKinnon, CGS
GIS Specialist / Source Water Protection Program Manager
Sault Ste. Marie Region Conservation Authority
1100 Fifth Line East
Sault Ste. Marie ON P6A 6J8
mmckinnon@ssmrca.ca
www.ssmrca.ca
Phone 705-946-8530 ext 1004
Fax 705-946-8533

Member of Canadian Institute of Geomatics
"Challenges are what make life interesting and overcoming them is what makes life meaningful." *Joshua J. Marine*

From: Dominic Parrella <dominic.parrella@ssmpuc.com>
Sent: March 30, 2022 8:11 PM
To: nature <nature@ssmrca.ca>
Subject: PUC Transmission Project - Class EA Notice of Commencement

Hello,

WSP-Golder is undertaking a Class EA for a new transmission line and station project that PUC is undertaking to serve the new Arc Furnace loads at Algoma Steel. The attached Notice of Commencement will be published tomorrow in the media and owners of all properties within the study area (500m buffer zone) will receive printed copies of the notice in the mail.

It appears there are some 11 Conservation properties within or abutting the buffer. As a result of the automated bulk mailing process, the Conservation Authority will be receiving 11 individual notices, one for each parcel. The table below provides a summary of all the Conservation parcels we have identified. Hopefully this summary, in conjunction with the map attached to the Notice of Commencement, will assist in processing these notices.

Roll Number	Address
60052006000000	Re: 1001 GOULAIS AVE
60033074000000	Re: 141 BROOKFIELD AVE
50050053020000	Re: 0 GOULAIS AVE
50035058000000	Re: 168 SECOND LINE E
50042102000000	Re: 0 NORTH ST
60040239010000	Re: 0 SECOND LINE W
60040280010000	Re: 0 GOULAIS AVE
60035226010000	Re: 166 ALLENS SIDE RD
60035201000000	Re: 163 ALLENS SIDE RD
60035201000000	Re: 51 WARREN AVE
60035198000000	Re: 24 WARREN AVE

Please feel free to contact me if you have any questions.

Thanks,
Dominic.

Dominic Parrella, P.Eng.



Executive Lead, Special Projects

PUC Services Inc. 500 Second Line E, Sault Ste Marie, ON, Canada

M: 705-941-8386 E: dominic.parrella@smpuc.com



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To: Dominic Parrella
Subject: RE: Study Notice EAF

From: Dominic Parrella
Sent: April 1, 2022 5:05 PM
To:
Subject: RE: Study Notice EAF

Hi Dennis,

Yes, the proposed line would be running down the centre of the PUC easement on your property as indicated by the yellow line in the clip below. The attached letter was mailed out today to all property owners where PUC's easement crosses their property, for information. The letter includes information about the steel poles and also includes a picture of what the poles will look like. We have not yet done the detailed engineering to know exactly where the poles would go but they would be spaced quite far apart, about 200 m. The first public open house will be held some time in May and you will receive notification by mail of the time and location several weeks in advance.

Let me know if I can provide anything further.

Thanks,
Dominic.



From: Dominic Parrella
Sent: April 1, 2022 4:29 PM
To:
Subject: RE: Study Notice EAF

Hello Dennis,

I will look into this and get back to you as soon as possible.

Thanks,
Dominic.

Dominic Parrella, P. Eng.
Executive Lead, Special Projects
PUC Services Inc.
C: [705-941-8386](tel:705-941-8386)

From:
Sent: April 1, 2022 4:17 PM
To: Dominic Parrella <dominic.parrella@smpuc.com>
Subject: Study Notice EAF

CAUTION: This email originated outside of PUC. Do not open attachments or click links unless you recognize the sender and know the content is safe.

Good Afternoon,

I am looking at the proposed map and it appears that this line would be going through my property and I wanted to know if that is what is being proposed.

My address is [REDACTED]

Thank you,

Get [Outlook for Android](#)

To: Dominic Parrella
Subject: RE: Transmission Project

From: Dominic Parrella
Sent: April 2, 2022 5:08 PM
To:
Subject: RE: Transmission Project

Hi Marcy,

Thank you for the information and your comments. We will definitely take them into consideration in assessing the various route options to determine a final preferred route.

The first public information centre will be held in May and will be held both in-person and virtual. You will receive notice well in advance.

Regards,
Dominic.



Dominic Parrella, P.Eng.
Executive Lead, Special Projects
PUC Services Inc. 500 Second Line E, Sault Ste Marie, ON, Canada
M: 705-941-8386 E: dominic.parrella@smpuc.com



This email and any files transmitted with it are confidential and intended solely for the use of the individual or entity to whom they are addressed. If you have received this email in error, please notify the system manager. This message contains confidential information and is intended only for the individual named. If you are not the named addressee, you should not disseminate, distribute or copy this email. Please notify the sender immediately by email if you have received this email by mistake and delete this email from your system. If you are not the intended recipient, you are notified that disclosing, copying, distributing or taking any action in reliance on the contents of this information is strictly prohibited.

From:
Sent: April 2, 2022 9:01 AM
To: Dominic Parrella <dominic.parrella@smpuc.com>
Subject: Transmission Project

CAUTION: This email originated outside of PUC. Do not open attachments or click links unless you recognize the sender and know the content is safe.

Dear Dominic,

We have just received notice of the proposed study area and route options for the PUC Transmission Project.

As property owners/joint owners of over 100 acres between Allen's Side Road and Chippewa Street, the proposal concerns both our west and east boundaries. We have 1465.35 foot frontage on Allen's Side Road which would affect future property values/development whether it be an under/above ground installation. That would be Route 1-2. Option 3-4 running along our easterly undeveloped corridor would be preferable. As the saying goes.....not in our front yard!

We have registered on the Project mailing list and look forward to future communications.

Respectfully,

Marcy & Tim King

To: Dominic Parrella
Subject: RE: PUC Transmission - Class Environmental Study

From: Dominic Parrella <dominic.parrella@ssmpuc.com>
Sent: May 10, 2022 1:48 PM
To:
Subject: PUC Transmission - Class Environmental Study

Hello Mr. Lannigan,

Thank you for your call this morning and your comments in relation to the Minor Transmission Class Environmental Assessment for PUC Transmission LP's proposed new 230 kV Transmission line and station.

In regards to your question related to health, Health Canada provides information and guidance on electric and magnetic fields (EMFs) at extremely low frequencies (ELFs) – i.e. 60 Hz. powerline frequencies – at this link; <https://www.canada.ca/en/health-canada/services/health-risks-safety/radiation/everyday-things-emit-radiation/power-lines-electrical-appliances.html>

Also, please see the attached information pamphlet from Health Canada that includes the following statement at the center-bottom of page 2: *"Health Canada does not consider that any precautionary measures are needed regarding daily exposures to EMFs at ELFs. There is no conclusive evidence of any harm caused by exposures at levels found in Canadian homes and schools, including those located just outside the boundaries of power line corridors."*

Also attached, please find the notice of the first public information centre (PIC) that is scheduled for May 26th, as discussed on our call. This notice is being mailed out to all residences within 500 m of the various line route options and includes details on location and timing.

Thank you,
Dominic,

Dominic Parrella, P. Eng.
Executive Lead, Special Projects
PUC Services Inc.
C: [705-941-8386](tel:705-941-8386)

To: Dominic Parrella
Subject: RE: PUC Transmission EA - 819 Third Line W

From: Dominic Parrella <dominic.parrella@ssmpuc.com>
Sent: April 8, 2022 10:48 AM

To:
Cc: ElSetouhy, Lina <Lina.Elsetouhy@wsp.com>; Pariag, Jeremiah <Jeremiah.Pariag@wsp.com>; Squires, Callum <Callum_Squires@golder.com>; Jairus Patterson <jairus.patterson@ssmpuc.com>
Subject: PUC Transmission EA - 819 Third Line W

Hello Nadia,

Thank you for your inquiry this morning, it was nice talking with you again.

As we discussed, PUC holds an easement across your property at [REDACTED] that was originally acquired in the early 70's. I placed a yellow line on the Google Earth View image below to give you a better indication of the proposed location of the powerline. Also, further below, I have included an image of similar steel poles that are on Second Line in the area of North Street to give you an indication of what the poles will look like. The proposed PUC poles will be similar to that shown in this image below.

Let me know if you have any questions.

Best regards,
Dominic.

Dominic Parrella, P. Eng.
Executive Lead, Special Projects
PUC Services Inc.
C: [705-941-8386](tel:705-941-8386)



To: PUCQuestionsLP
Subject: RE: PUC Transmission LP - response to your inquiry

From: PUCQuestionsLP <Questions@PUCTransmissionLP.com>
Sent: April 14, 2022 4:15 PM
To:
Cc: ElSetouhy, Lina <Lina.Elsetouhy@wsp.com>; Jairus Patterson <jairus.patterson@ssmpuc.com>; Squires, Callum <Callum_Squires@golder.com>; Pariag, Jeremiah <Jeremiah.Pariag@wsp.com>
Subject: PUC Transmission LP - response to your inquiry

Dear Mr. McNichol,

Thank you for your interest in the Minor Transmission Class Environmental Assessment for PUC Transmission LP's proposed new 230 kV Transmission line and station.

The powerline is proposed for construction along the black line shown on the Study Area map that you received (copy attached for reference). The northerly black line route is contained within PUC easements that are already in place. This is well north of the Greenfield Subdivision.

Health Canada provides information and guidance on electric and magnetic fields (EMFs) at extremely low frequencies (ELFs) – i.e. 60 Hz. powerline frequencies – at this link;
<https://www.canada.ca/en/health-canada/services/health-risks-safety/radiation/everyday-things-emit-radiation/power-lines-electrical-appliances.html>

Please see the attached information pamphlet from Health Canada that includes the following statement at the center-bottom of page 2: *"Health Canada does not consider that any precautionary measures are needed regarding daily exposures to EMFs at ELFs. There is no conclusive evidence of any harm caused by exposures at levels found in Canadian homes and schools, including those located just outside the boundaries of power line corridors."*

Thank you,
PUC Transmission LP Project Team

From: PUC Transmission LP <noreply@puctransmissionlp.com>
Sent: April 1, 2022 7:04 PM
To: PUCQuestionsLP <Questions@PUCTransmissionLP.com>
Subject: Website Contact Form

CAUTION: This email originated outside of PUC. Do not open attachments or click links unless you recognize the sender and know the content is safe.

Kyle McNichol writes,

Four issues I can think of immediately . I live in the 500 m radius. 1. A 230 KV line gives off radiation levels not safe for human exposure. A distance of 300 ft is considered a "safe zone". I cannot believe that a line like this is being run in a new subdivision I need to be notified of proper safety distances and what this will do to my families health and environmental well being ? 2. My home value is going to drop. I want to know what your response is to lowering home values in one of the newest subdivisions in the city. 3. I pay some of the highest taxes in the city. Will our taxes be adjusted based on this electrical exposure ? Will PUC BE REIMBURSING ME for my high tax rate when I live beside this line ? 4. Power bumps ? How much will this tie in with Algoma steel and effect our reliable power supply ?

Preferred method of contact: email
Phone:
Email:

To: PUCQuestionsLP
Subject: RE: PUC Transmission LP - response to your inquiry

From: PUCQuestionsLP <Questions@PUCTransmissionLP.com>
Sent: April 14, 2022 4:09 PM
To:
Cc: Pariag, Jeremiah <Jeremiah.Pariag@wsp.com>; ElSetouhy, Lina <Lina.Elsetouhy@wsp.com>; Jairus Patterson <jairus.patterson@ssmpuc.com>; Squires, Callum <Callum_Squires@golder.com>
Subject: PUC Transmission LP - response to your inquiry

Dear Mr. Yukich,

Thank you for your interest in the Minor Transmission Class Environmental Assessment for PUC Transmission LP's proposed new 230 kV Transmission line and station.

Health Canada provides information and guidance on electric and magnetic fields (EMFs) at extremely low frequencies (ELFs) – i.e. 60 Hz. powerline frequencies – at this link;
<https://www.canada.ca/en/health-canada/services/health-risks-safety/radiation/everyday-things-emit-radiation/power-lines-electrical-appliances.html>

Please see the attached information pamphlet from Health Canada that includes the following statement at the center-bottom of page 2: *“Health Canada does not consider that any precautionary measures are needed regarding daily exposures to EMFs at ELFs. There is no conclusive evidence of any harm caused by exposures at levels found in Canadian homes and schools, including those located just outside the boundaries of power line corridors.”*

Thank you,
PUC Transmission LP Project Team

From: PUC Transmission LP <noreply@puctransmissionlp.com>
Sent: April 4, 2022 12:08 PM
To: PUCQuestionsLP <Questions@PUCTransmissionLP.com>
Subject: Website Contact Form

CAUTION: This email originated outside of PUC. Do not open attachments or click links unless you recognize the sender and know the content is safe.

john yukich writes,

what are the health issues for this plan to people in Bayview .I see where in that circle.

Preferred method of contact: email
Phone:
Email:

To: PUCQuestionsLP
Subject: RE: 230 kV Transmission Project (puctransmissionlp.com)

From: PUCQuestionsLP <Questions@PUCTransmissionLP.com>
Sent: May 11, 2022 9:53 AM
To:
Cc: Dominic Parrella <dominic.parrella@ssmpuc.com>; Pariag, Jeremiah <Jeremiah.Pariag@wsp.com>
Subject: RE: 230 kV Transmission Project (puctransmissionlp.com)

Hello Mr. Witkoski,

Thank you for your inquiries and interest in the Minor Transmission Class Environmental Assessment for PUC Transmission LP's proposed new 230 kV Transmission line and station in the City of Sault Ste. Marie.

In order to address each of your varied questions, we have inserted responses below in red text, in line with your original message.

For up-to-date information on open houses or the status of the project, please visit our website at www.PUCTransmissionLP.com

Thank you,
PUC Transmission LP Project Team

-----Original Message-----

From: Christopher Witkowski
Sent: April 26, 2022 3:47 AM
To: Dominic Parrella <dominic.parrella@ssmpuc.com>; Jeremiah Pariag <jeremiah.pariag@wsp.com>
Subject: 230 kV Transmission Project (puctransmissionlp.com)

CAUTION: This email originated outside of PUC. Do not open attachments or click links unless you recognize the sender and know the content is safe.

I live at [REDACTED], which puts me about 250 meters from the proposed location of the power line. But, Wallace Terrace is not that far south of me and there are houses on the north side of Wallace Terrace. The way it's drawn on the map the power line would run along Wallace Terrace and that seems way too close to the houses. I don't know what Algoma owns just south of Wallace Terrace and, unfortunately, it's not shown on the map. Algoma property should be coloured on the map to better see what might be suitable options.

Since this is for Algoma's benefit it seems that the power line should be run as much inside Algoma's property as possible - I would think at least 100 meters south of Wallace Terrace. Some distance is also required in case towers are toppled.

If there's no way around running the power line close to houses then there's the question of whether the use of coax has been considered for those sections of the power line.

Response: This project is still in the early phases and, as such, a number of route options are being considered. The location of the proposed route option along Wallace Terrace is on the south side of the roadway, south of the existing powerline. The property in that area is primarily City of Sault Ste. Marie property that was planned for industrial development. The proposed transmission line is planned as overhead construction that will meet all regulatory requirements for clearances from buildings.

I also have to wonder about the potential for RFI/EMI. How much interference can an arc furnace produce? What measures will be taken to keep it off the power line? I like to listen to AM and shortwave from time to time and I get more interference coming in on the power line than I care for. I've walked around the neighbourhood with a radio, but, haven't determined the source.

About all I can be reasonably sure of is that it's being carried on the power lines. I'm probably sufficiently far away from the proposed power line that any interference on it may not affect me, but, those living closer could be.

Response: The electric arc furnaces proposed by Algoma Steel are not in the scope of this Environmental Assessment. For further information on Algoma Steel's project, please contact Brenda Stenta Manager Corporate Communications, Algoma Steel Inc. at brenda.stenta@algoma.com

The dearth of information on this project is not good. You need to disclose all the issues you are aware of and your decisions and reasons for decisions regarding those issues.

Response: As part of the Class Environmental Assessment process, several criteria will be considered and evaluated as part of this route and station options selection process. These criteria typically include natural environment, socio-economic environment, and cultural heritage environment components. These criteria will typically consider the impacts to components such as wildlife species and habitat, as well as proximity to residences and businesses. Further information on these criteria and the work being undertaken will be further discussed at Public Information Centre #1 (In person on May 26th, 2022 and virtually on May 31st, 2022) and PIC #2 (July 2022).

--
Christopher Witkowski

To: PUCQuestionsLP
Subject: RE: 230 kV Transmission Project (puctransmissionlp.com)

-----Original Message-----

From: PUCQuestionsLP <Questions@PUCTransmissionLP.com>
Sent: April 26, 2022 8:33 PM
To: Christopher Witkowski
Cc: Pariag, Jeremiah <Jeremiah.Pariag@wsp.com>; Dominic Parrella <dominic.parrella@ssmpuc.com>
Subject: RE: 230 kV Transmission Project (puctransmissionlp.com)

Hello Mr. Witkowski,

Thank you for your interest in the Minor Transmission Class Environmental Assessment for PUC Transmission LP's proposed new 230 kV Transmission line and station in the City of Sault Ste. Marie.

This is to confirm receipt of your message. A member of our team will provide a response to you within 10 business days.

For up-to-date information on open houses or the status of the project, please sign up for our mailing list at www.PUCTransmissionLP.com

Thank you,
PUC Transmission LP Project Team

-----Original Message-----

From: Christopher Witkowski
Sent: April 26, 2022 3:47 AM
To: Dominic Parrella <dominic.parrella@ssmpuc.com>; Jeremiah Pariag <jeremiah.pariag@wsp.com>
Subject: 230 kV Transmission Project (puctransmissionlp.com)

CAUTION: This email originated outside of PUC. Do not open attachments or click links unless you recognize the sender and know the content is safe.

I live at [REDACTED] which puts me about 250 meters from the proposed location of the power line. But, Wallace Terrace is not that far south of me and there are houses on the north side of Wallace Terrace. The way it's drawn on the map the power line would run along Wallace Terrace and that seems way too close to the houses. I don't know what Algoma owns just south of Wallace Terrace and, unfortunately, it's not shown on the map. Algoma property should be coloured on the map to better see what might be suitable options.

Since this is for Algoma's benefit it seems that the power line should be run as much inside Algoma's property as possible - I would think at least 100 meters south of Wallace Terrace. Some distance is also required in case towers are toppled.

If there's no way around running the power line close to houses then there's the question of whether the use of coax has been considered for those sections of the power line.

I also have to wonder about the potential for RFI/EMI. How much interference can an arc furnace produce? What measures will be taken to keep it off the power line? I like to listen to AM and shortwave from time to time and I get more interference coming in on the power line than I care for. I've walked around the neighbourhood with a radio, but, haven't determined the source. About all I can be reasonably sure of is that it's being carried on the power lines. I'm probably sufficiently far away from the proposed power line that any interference on it may not affect me, but, those living closer could be.

The dearth of information on this project is not good. You need to disclose all the issues you are aware of and your decisions and reasons for decisions regarding those issues.

--
Christopher Witkowski

To: Dominic Parrella
Subject: RE: 230 KV transmission project.

From: Dominic Parrella <dominic.parrella@ssmpuc.com>

Sent: April 11, 2022 9:15 AM

To: Kelvin Bordin **Cc:** Jairus Patterson <jairus.patterson@ssmpuc.com>; ElSetouhy, Lina <Lina.Elsetouhy@wsp.com>; Pariag, Jeremiah <Jeremiah.Pariag@wsp.com>; Squires, Callum <Callum_Squires@golder.com>

Subject: RE: 230 KV transmission project.

Hello Mr. Bordin,

Thank you for your interest in the Minor Transmission Class Environmental Assessment for PUC Transmission LP's proposed new 230 kV Transmission line and station in the City of Sault Ste. Marie.

This is to confirm receipt of your message. A member of our team will be providing a response to you within 10 business days.

For up-to-date information on open houses or the status of the project, please sign up for our mailing list at www.PUCTransmissionLP.com

Thank you,
PUC Transmission LP Project Team

From: Kelvin Bordin

Sent: April 10, 2022 4:00 PM

To: Dominic Parrella <dominic.parrella@ssmpuc.com>

Subject: 230 KV transmission project.

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Hello,

I recieved the notice regarding the proposed transmission line that's said to be built directly beside my house and neighborhood.

Is this project confirmed or is it still to be determined?

Myself and neighbors are concerned. We are frustrated because there seems to be other options that can be considered, options that won't directly disrupt the community.

This Powerline should not be in such close proximity to family dwellings. That is not safe for families and their children. The area is not zoned as such. It's zoned as rural agricultural. Also, to my understanding the entire area that you are intending to build is reserved for conservation.

As hard working tax payers of this city it is disheartening that a project like this can be decided without any say from the people who will be directly effected.

Thank you for your time and I Hope to discuss this further in order to come to an alternative, less community disruptive option.

Kelvin Bordin

To: PUCQuestionsLP
Subject: RE: 230 KV transmission project.

From: PUCQuestionsLP <Questions@PUCTransmissionLP.com>
Sent: April 25, 2022 9:07 PM
To: Kelvin Bordin
Subject: RE: 230 KV transmission project.

Hello Mr. Bordin,

Thank you for your interest in the Minor Transmission Class Environmental Assessment for PUC Transmission LP's proposed new 230 kV Transmission line and station in the City of Sault Ste. Marie.

The purpose of the Class EA process is to provide the public and stakeholders the ability to engage and be consulted as part of the EA process. We value your feedback and input. As such, a Public Information Centre / Open House will be held in person late in May. A virtual information session will also be held the week after the in-person session. We will provide you with notification of the date, time, and location well in advance. More details about the project will be provided at the open houses. There will additionally be a second round of in-person and virtual engagement activities at a later stage in the study.

The powerline is proposed for construction, starting in mid-2023 and anticipated for completion by end of 2024. The PUC holds easements for a powerline corridor, 125 feet in width, across the northerly area of the city, which is adjacent to your property. The powerline is proposed to be built along the center line of those easements. In regards to zoning, please note that electricity transmission facilities are exempt from zoning restrictions.

Health Canada provides information and guidance on electric and magnetic fields (EMFs) at extremely low frequencies (ELFs) – i.e. 60 Hz. powerline frequencies – at this link;
<https://www.canada.ca/en/health-canada/services/health-risks-safety/radiation/everyday-things-emit-radiation/power-lines-electrical-appliances.html>.

Please see the attached information pamphlet from Health Canada that includes the following statement at the center-bottom of page 2: *"Health Canada does not consider that any precautionary measures are needed regarding daily exposures to EMFs at ELFs. There is no conclusive evidence of any harm caused by exposures at levels found in Canadian homes and schools, including those located just outside the boundaries of power line corridors."*

Thank you,
PUC Transmission LP Project Team

From: Kelvin Bordin
Sent: April 10, 2022 4:00 PM
To: Dominic Parrella <dominic.parrella@smpuc.com>
Subject: 230 KV transmission project.

CAUTION: This email originated outside of PUC. Do not open attachments or click links unless you recognize the sender and know the content is safe.

Hello,

I recieved the notice regarding the proposed transmission line that's said to be built directly beside my house and neighborhood.

Is this project confirmed or is it still to be determined?

Myself and neighbors are concerned. We are frustrated because there seems to be other options that can be considered, options that won't directly disrupt the community.

This Powerline should not be in such close proximity to family dwellings. That is not safe for families and their children. The area is not zoned as such. It's zoned as rural agricultural. Also, to my understanding the entire area that you are intending to build is reserved for conservation.

As hard working tax payers of this city it is disheartening that a project like this can be decided without any say from the people who will be directly effected.

Thank you for your time and I Hope to discuss this further in order to come to an alternative, less community disruptive option.

Kelvin Bordin

To: Pariag, Jeremiah
Subject: RE: 230 kV Transmission Project

From: Pariag, Jeremiah <Jeremiah.Pariag@wsp.com>
Sent: April 19, 2022 10:32 AM
To: Raimo Maenpaa
Subject: RE: 230 kV Transmission Project

Hi Raimo,

Thank you for your email and for your interest in PUC's Class Environmental Assessment Study for the 230 kV Transmission Project in Sault Ste. Marie, Ontario.

Please note that in the area you noted, the transmission line is proposed to run down the East side of Allen's Side Road. This is proposed as there is a major distribution line on the West side that prevents us from situating the transmission line there.

Please let me know if you have any additional questions, and feel free to visit the project website for project information and updates.

Best regards,

Jeremiah

Jeremiah Pariag M.E.S., IAP2
Consultation and Engagement Lead (Earth & Environment)



T +1 (289) 835-2548

610 Chartwell Road, Suite 300
Oakville, Ontario
L6J 4A5 Canada
wsp.com
Pronouns: he, him, his

From: Raimo Maenpaa
Sent: Friday, April 1, 2022 6:37 PM
To: Pariag, Jeremiah <Jeremiah.Pariag@wsp.com>
Subject: 230 kV Transmission Project

Hello, Mr. Pariag,

We live at [REDACTED] and the side of our property is along Allen's Side Road.

Would you please tell me which side of Allen's Side Road (east side or west side) the transmission line is proposed to run along. I look forward to hearing your response to this question.

Thank you,
Mr. Raimo Maenpaa

Sent from [Mail](#) for Windows

To: PUCQuestionsLP
Subject: RE: 230kv line

From: PUCQuestionsLP <Questions@PUCTransmissionLP.com>
Sent: May 26, 2022 9:27 AM
To: Dennis Gagne
Subject: RE: 230kv line

Hello Mr. Gagne,

Thank you for your feedback in relation to the Minor Transmission Class Environmental Assessment for PUC Transmission LP's proposed new 230 kV transmission line and station.

Information provided by Health Canada at this link (<https://www.canada.ca/en/health-canada/services/health-risks-safety/radiation/everyday-things-emit-radiation/power-lines-electrical-appliances.html#a>) includes the following:

Power lines and your home

Power lines that distribute electricity around your home emit extremely low frequency EMF. These fields are strongest at their source. This means you are exposed to stronger extremely low EMFs when you are close to a source such as:

- right beside a transformer box
- directly under a high voltage power line

As you move away, your level of exposure rapidly decreases. When you are inside your home, the electric fields from transformer boxes and high voltage power lines are often weaker than the fields from household electrical appliances.

Recommended human exposure limits

The potential health effects of extremely low frequency EMF has been studied extensively. While some people are concerned that long term exposure to extremely low frequency EMF may cause cancer, the scientific evidence does not support such claims.

The International Commission on Non-Ionizing Radiation Protection (ICNIRP) has issued [guidelines for limiting exposure to extremely low frequency EMF](#). These guidelines help ensure that exposures to extremely low frequency EMF do not create electric currents that are stronger than the ones made naturally in your body. The electric signals used by your brain and nervous system make it possible for you to move, think and feel.

Extremely low frequency EMF exposures in Canadian homes, schools and offices are far below the limits recommended in the ICNIRP guidelines. You don't need to take precautions to protect yourself from these kinds of exposures.

Your comments regarding property value impacts have been noted and will be considered as part of the decision-making process.

Please note, as mentioned earlier, the property underneath the transmission line and within the limits of the easements, with the exception of where poles are being proposed, can continue to be used for agricultural purposes or any other use that does not involve permanent buildings subject to the Ontario Building Code.

Also, typically there will be negligible hum or buzz audible from the transmission line. There may be a faint hum during wet weather conditions, however any hum that may result is not expected to be noticeable within your home.

Thank you,
PUC Transmission LP Project Team

From: Dennis Gagne
Sent: May 9, 2022 7:19 AM
To: PUCQuestionsLP <Questions@PUCTransmissionLP.com>
Subject: Re: 230kv line

CAUTION: This email originated outside of PUC. Do not open attachments or click links unless you recognize the sender and know the content is safe.

Good Morning,

I have read the information you have sent and the effects or lack of effects from living near EMF/ELF sources is not 100% conclusive either way. See below.

"In the past 30 years the concern that daily exposure to extremely low-frequency magnetic fields (ELF-EMF) (1 to 300 Hz) might be harmful to human health (cancer, neurobehavioral disturbances, etc) has been the object of debate, and has become a public health concern. This has resulted in the classification of ELF-EMF into category 2B, ie, agents that are "possibly carcinogenic to humans" by the International Agency for Research on Cancer."

The placement of the 40m metal pole is also a concern and the "hum" that I mentioned earlier was not mentioned in the reply. Nor was the property value and taxes.

Thank you,

Get [Outlook for Android](#)

From: PUCQuestionsLP <Questions@PUCTransmissionLP.com>
Sent: Wednesday, May 4, 2022, 12:53 p.m.
To: Dennis Gagne
Subject: RE: 230kv line

Hello Mr. Gagne,

Apologies for the delay in responding, it is our objective to respond to all inquiries within 10 business days.

Thank you for your feedback in relation to the Minor Transmission Class Environmental Assessment for PUC Transmission LP's proposed new 230 kV transmission line and station.

Health Canada provides information and guidance on electric and magnetic fields (EMFs) at extremely low frequencies (ELFs) – i.e. 60 Hz. powerline frequencies – at this link; <https://www.canada.ca/en/health-canada/services/health-risks-safety/radiation/everyday-things-emit-radiation/power-lines-electrical-appliances.html>

Please see the attached information pamphlet from Health Canada that includes the following statement at the center-bottom of page 2: "Health Canada does not consider that any precautionary measures are needed regarding daily exposures to EMFs at ELFs. There is no conclusive evidence of any harm caused by exposures at levels found in Canadian homes and schools, including those located just outside the boundaries of power line corridors."

Please note, the only restriction related to use of the easement lands is that no permanent buildings that are subject to the Ontario Building Code are permitted within the easement boundaries and that access to power poles must not be impeded.

Thank you,
PUC Transmission LP Project Team

From: Dennis Gagne
Sent: April 30, 2022 11:59 AM

To: Dominic Parrella <dominic.parrella@ssmpuc.com>
Cc: PUCQuestionsLP <Questions@PUCTransmissionLP.com>
Subject: Re: 230kv line

CAUTION: This email originated outside of PUC. Do not open attachments or click links unless you recognize the sender and know the content is safe.

Good Afternoon,

I find it disconcerting that I never received a response to my concerns.

Thank you,

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From: Dominic Parrella <dominic.parrella@ssmpuc.com>
Sent: Thursday, April 21, 2022, 10:45 a.m.
To: Dennis Gagne
Cc: PUCQuestionsLP <Questions@PUCTransmissionLP.com>
Subject: RE: 230kv line

Hello Mr. Gagne,

I have your message and have copied the Environmental Assessment Project Team to request that they respond to your concerns.

Thank you.

Dominic Parrella, P. Eng.
Executive Lead, Special Projects
PUC Services Inc.
C: [705-941-8386](tel:705-941-8386)

From: Dennis Gagne
Sent: April 21, 2022 10:02 AM
To: Dominic Parrella <dominic.parrella@ssmpuc.com>
Subject: 230kv line

CAUTION: This email originated outside of PUC. Do not open attachments or click links unless you recognize the sender and know the content is safe.

Good Morning,

I am writing this email today in regards to the 230kv line that is planned to go through my property at [REDACTED] in Sault Ste Marie, Ontario. As a Father, Husband, Property owner, and resident I have the following concerns:

These are health concerns taken from epidemiological studies done on living near high voltage lines

Short Term

Headaches
Fatigue
Anxiety
Insomnia
Prickling/burning skin
Rashes
Muscle pain

Long Term

Leukemia
Brain Tumours i.e. Glioblastoma
DNA Damage
Neurodegenerative Disease i.e. Alzheimers, Parkinsons
Heart Arrhythmia
Tinnitus

Some other concerns

Significantly reduces property value due to fear of negative health effects, unpleasant view of 40m steel post, and constant hum from 230kv line. The property will be rendered useless. I will be paying taxes on nearly 4 acres of land that I can no longer use.

I have received permits to develop that part of that land and work was done. Just last year a large section was rototilled to enhance the agriculture.

My family's quality of life is going to be affected by this

These are some of the concerns that I have.

Please reply via this email address. If there is anyone else that should be receiving this email please let me know.

Thank you,

Dennis

Get [Outlook for Android](#)

To: Dominic Parrella
Subject: RE: Al Woolsey

From: Dominic Parrella <dominic.parrella@ssmpuc.com>
Sent: April 6, 2022 7:31 PM
To: Allen & Susan
Cc: PUCQuestionsLP <Questions@PUCTransmissionLP.com>
Subject: RE: Al Woolsey

Hi Allen,

Thank you for pointing this out. I will ensure you are on the mailing list.

Regards,
Dominic.



Dominic Parrella, P.Eng.
Executive Lead, Special Projects
PUC Services Inc. 500 Second Line E, Sault Ste Marie, ON, Canada
M: 705-941-8386 **E:** dominic.parrella@ssmpuc.com



This email and any files transmitted with it are confidential and intended solely for the use of the individual or entity to whom they are addressed. If you have received this email in error, please notify the system manager. This message contains confidential information and is intended only for the individual named. If you are not the named addressee, you should not disseminate, distribute or copy this email. Please notify the sender immediately by email if you have received this email by mistake and delete this email from your system. If you are not the intended recipient, you are notified that disclosing, copying, distributing or taking any action in reliance on the contents of this information is strictly prohibited.

From: Allen & Susan
Sent: April 6, 2022 6:14 PM
To: Dominic Parrella <dominic.parrella@ssmpuc.com>
Subject: Al Woolsey

CAUTION: This email originated outside of PUC. Do not open attachments or click links unless you recognize the sender and know the content is safe.

Hello

I am writing to ask you to keep us up to date via email on the expansion of lines to Algoma Steel.

We live quite near the route at [REDACTED].

I did try to utilize the email service from the website (WWW.PUCTransmissionLP.com) but it would not confirm my application so I have no idea if it worked or not. I did leave a message to that affect but have had no reply as of this date.

My email address is:

Thank you
- Allen

 Virus-free. www.avast.com

To: PUCQuestionsLP
Subject: RE: Class Environment Study for 230 kv Transmission Project

From: PUCQuestionsLP <Questions@PUCTransmissionLP.com>
Sent: April 19, 2022 10:24 AM
To: Susan Lindstedt
Subject: RE: Class Environment Study for 230 kv Transmission Project

Hello Ms. Lindstedt,

Thank you for your interest in the Minor Transmission Class Environmental Assessment for PUC Transmission LP's proposed new 230 kV Transmission line and station in the City of Sault Ste. Marie.

This is to confirm receipt of your message. We will add you to our mailing list.

In response to your question, we can advise this project will not affect reliability of electrical service to residential customers in Sault Ste. Marie.

Thank you,
PUC Transmission LP Project Team

-----Original Message-----

From: Susan Lindstedt
Sent: April 6, 2022 3:11 PM
To: Dominic Parrella <dominic.parrella@smpuc.com>
Subject: Class Environment Study for 230 kv Transmission Project

CAUTION: This email originated outside of PUC. Do not open attachments or click links unless you recognize the sender and know the content is safe.

Good Day

I just received the letter and YES I would like to be kept in the loop during this project. Firstly what does this mean to myself; such as power interruptions? Tia.

Sent from my iPad

To: PUCQuestionsLP
Subject: RE: Class Environmental Assessment Study

From: PUCQuestionsLP <Questions@PUCTransmissionLP.com>
Sent: April 26, 2022 4:08 PM
To: Jack Flint
Subject: RE: Class Environmental Assessment Study

Hello Mr. Flint,

Route Option 2 would be located on the east side of Allen's Side Rd. since there is already a significant distribution powerline on the west side of the roadway. The proposed new transmission line would operate at 230 kV.

Let us know if we can be of any further assistance.

Thank you,
PUC Transmission LP Project Team

From: Jack Flint
Sent: April 26, 2022 5:17 AM
To: PUCQuestionsLP <Questions@PUCTransmissionLP.com>
Subject: Re: Class Environmental Assessment Study

CAUTION: This email originated outside of PUC. Do not open attachments or click links unless you recognize the sender and know the content is safe.

PUC Transmission LP Project Team

Thank you again for the provided information, if the Route option 2 were to be selected, would the installation of the line be installed on the east or the west side of Allen's Side Road ?

As well, what voltages will each of the seven conductors on the new line be carrying ?

Thank You

John

From: PUCQuestionsLP
Sent: Monday, April 25, 2022 9:42 PM
To: Jack Flint
Subject: RE: Class Environmental Assessment Study

Hello Mr. Flint,

With reference to the image below, taken from Google Street View, at the intersection of Allen's Side Rd and Ransome Dr - the poles are 55 foot western red cedar poles (approx. 45 feet above ground to the top of the poles). The top three wires in a triangular configuration are operating at 34.5 kV, while the six wires below that (three on each side of the pole, on standoff insulators) are operating at 12.47 kV.

Let us know if we can be of any further assistance.

Thank you,
PUC Transmission LP Project Team



From: Jack Flint
Sent: April 25, 2022 7:12 AM
To: PUCQuestionsLP <Questions@PUCTransmissionLP.com>
Subject: Re: Class Environmental Assessment Study

CAUTION: This email originated outside of PUC. Do not open attachments or click links unless you recognize the sender and know the content is safe.

PUC Transmission LP Project Team

Thank you for the provided information, could you provide me with the specifications on the existing nine wire high voltage line that currently runs on the west side of Allen's Side Road, south of the Second Line ?

Thank You

John

From: PUCQuestionsLP
Sent: Sunday, April 24, 2022 10:12 PM
To: Jack Flint
Subject: RE: Class Environmental Assessment Study

Hello Mr. Flint,

Thank you for your interest in the Minor Transmission Class Environmental Assessment for PUC Transmission LP's proposed new 230 kV Transmission line and station in the City of Sault Ste. Marie.

The in-person open house will be held May 26th at the West End Community Centre, 556 Goulais Ave, from 4:30 to 7:30 pm. A virtual open house will also be held May 31st from 4:30 to 7:30 pm.

The image below, taken from GoogleStreetView, provides an example of the type of steel monopole that is planned for use on this project. This image is taken on Second Line immediately west of North Street.

The steel monopoles planned for this project are in the order of 40 m. tall and will be spaced up to 200 m. apart. They will carry 7 conductors, 3 on each side and 1 at the top of the pole, as in the image below.

For up-to-date information on open houses or the status of the project, please sign up for our mailing list at www.PUCTransmissionLP.com

Thank you,
PUC Transmission LP Project Team



From: Jack Flint
Sent: April 24, 2022 9:18 AM
To: Dominic Parrella <dominic.parrella@smpuc.com>
Subject: Class Environmental Assessment Study

CAUTION: This email originated outside of PUC. Do not open attachments or click links unless you recognize the sender and know the content is safe.

Mr. D. Parrella,
Executive Lead, Special Projects
PUC Transmission LP

Good Morning Dominic,

May I ask you to answer a couple questions on the new the new 230-kV line that will provide increased power to Algoma Steel for the new electric arc furnaces.

Type of pole or tower, number, size and height of wires, etc. that will be used ?

Have they looked at running the new line along the rail line right of way ?

When does the in-person open house take place ?

Thank you

John Flint

To: PUCQuestionsLP
Subject: RE: Proposed 230 kV Transmission Project route

From: PUCQuestionsLP <Questions@PUCTransmissionLP.com>
Sent: May 5, 2022 8:50 AM
To: John Halucha
Subject: RE: Proposed 230 kV Transmission Project route

Hello Mr. Halucha,

Thank you for your inquiries and interest in the Minor Transmission Class Environmental Assessment for PUC Transmission LP's proposed new 230 kV Transmission line and station in the City of Sault Ste. Marie.

In order to address each of your varied questions, we have inserted responses below in red text, in line with your original message.

Thank you,
PUC Transmission LP Project Team

From: John Halucha
Sent: April 25, 2022 3:10 PM
To: PUCQuestionsLP <Questions@PUCTransmissionLP.com>
Cc: Dominic Parrella <dominic.parrella@smpuc.com>
Subject: Re: Proposed 230 kV Transmission Project route

CAUTION: This email originated outside of PUC. Do not open attachments or click links unless you recognize the sender and know the content is safe.

Dear PUC Transmission LP Project Team,
Thank you for your response to the email I sent Mr. Parrella April 6. Thank you also for your invitation to sign up for your mailing list. Please note that I did sign up for it April 1. I would be grateful if you could send a note to verify that this address, from which I wrote to Mr. Parrella and from which I am replying today, is on that mailing list because I am interested in both the in-person and virtual information sessions. **Response: By way of this email, we confirm that [REDACTED] is on the mailing list.**

When you refer to "existing PUC easements that have been in place since the early 70's for eventual construction of such a powerline" are you saying this stretch is a fait accompli and is not part of the current EA? If so, I do not recall any public consultation for that section and am asking for documentation of any EA process connected to it. **Response: Please note that all proposed routes are included in this EA process. The existing easements that run across the northerly area of the city comprise part of the common element route (the black lines) that are common to all coloured line options.**

Since the first Public Information Centre / Open House will be held in person late in May, I would appreciate a timely response so that I can meaningfully engage and be consulted as part of the EA process.
Because time is of the essence, it would be most efficient if you could share this documentation electronically. However, if the post is your best option then you could send it to

John Halucha
[REDACTED]

Your explanation that the "black line" of existing PUC easements "represents the most cost-effective way to reach the west end of the city" is puzzling. As I said in my email to Mr. Parrella, the round-about path seems to be some 1200 metres longer than a direct route. Your own web site estimates that poles will be approximately 200 metres apart, which means at least an extra six or seven towers that would need to be manufactured, installed and maintained. It also means an extra 1200 metres of multiple wires that would need to be manufactured, installed and maintained. Please explain how using the round-about proposal would be more "cost-effective". **Response: In order to replace the northerly route (as represented with the black line), extensive quantities of new easements would be required. PUC's real estate representatives will work closely with directly impacted property owners to acquire easements that would affect their property. As such, the existing PUC easements provide the most feasible option at this time. This will be discussed further at PIC #1, which is planned for the end of May.**

Moreover, since environmental concerns are presumably the focus of an Environmental Assessment such as this, please explain how manufacture, transport, installation and maintenance of these extra towers and lines is more environmentally friendly than a direct route. Also, please outline how much perpetual extra line loss there would be in the extra 1200 metres of lines, showing how much per line and how many lines are planned for this initial 300 MW stage and how many would be needed for an additional 300 MW in the future. Such line loss seems to be a waste of energy and contrary to environmental considerations, so please explain how the round-about route is environmentally superior as well as more cost-effective. **Response: The study team will consider a number of factors in assessing the preferred route, line losses will be one of those factors. This will be discussed further at PIC #1, which is planned for the end of May.**

If the lines are to resemble the lines your web site cites on Lyons Avenue, why could they not run directly along Third Line west to Allens Sideroad? Does the PUC not have easements for existing PUC lines on that route? Surely a thorough Environmental Assessment should include alternatives to the existing round-about PUC easement, including along Third Line and another route through mostly undeveloped lands south of Third Line. Your response does not indicate whether such routes were considered by the PUC Transmission LP Project Team. Clarification would be appreciated. **Response: PUC does not have easements along existing municipal road rights-of-way since distribution lines on the streets do not require additional building clearances to the extent that 230 kV transmission lines do. The comments above regarding the cost of acquiring such easements apply here as well.**

The round-about route includes wetlands under Sault Ste Marie Region Conservation Authority (SSMRCA) Administration of Ontario Regulation 176/06, including a stream, beaver pond and beaver dam mid-way between Goulais Avenue and Allens Sideroad where the east-west portion turns south to cross Third Line. In your package for me, could you please include any SSMRCA input into the Environmental Assessment, whether in the 1970s or the current EA process or at any time between. I am confident you will expedite this information under the tight time line you described, but will contact SSMRCA directly as well. **Response: Please note that electrical transmission lines are not incompatible with conservation lands or associated uses. We do not have any input that SSMRCA provided in the 1970s; however, please find attached the comments provided by SSMRCA as part of this EA. These comments will also be included as part of the Consultation Record that will be developed in the later stages of this project.**

Thank you.
John Halucha

From: PUCQuestionsLP <Questions@PUCTransmissionLP.com>
Sent: April 24, 2022 9:56 PM
To:
Subject: FW: Proposed 230 kV Transmission Project route

Hello Mr. Halucha,

Thank you for your comments and interest in the Minor Transmission Class Environmental Assessment for PUC Transmission LP's proposed new 230 kV Transmission line and station.

With reference to the attached drawing of the study area, please note the black line shown running west from the Hydro One Third Line Station to the westerly limit, where it turns south and crosses Third Line until it meets the yellow and orange alternatives, is covered by existing PUC easements that have been in place since the early 70's for eventual construction of such a powerline. Therefore, the black line represents the most cost-effective way to reach the west end of the city.

In order to reach the Algoma Steel site, south of the existing PUC easements, there are a number of alternative routes being considered, as indicated by the various coloured options on the attached study area map.

The purpose of the Class EA process is to provide the public and stakeholders the ability to engage and be consulted as part of the EA process. We value your feedback and input. As such, a Public Information Centre / Open House will be held in person late in May. A virtual information session will also be held the week after the in-person session. More details about the project will be provided at the open houses. There will additionally be a second round of in-person and virtual engagement activities at a later stage in the study.

For up-to-date information on open houses or the status of the project, please sign up for our mailing list at www.PUCTransmissionLP.com

Thank you,
PUC Transmission LP Project Team

From: John Halucha
Sent: April 6, 2022 2:35 PM
To: Dominic Parrella <dominic.parrella@ssmpuc.com>
Subject: Proposed 230 kV Transmission Project route

CAUTION: This email originated outside of PUC. Do not open attachments or click links unless you recognize the sender and know the content is safe.

Dear Mr. Parrella,
I am curious why PUC Transmission LP has chosen a route that veers north rather than taking a more direct course to Algoma Steel: from the Third Line Hydro Station south across Third Line for perhaps 50 to 200 metres, then directly west to meet up with the published proposed route mid-way between Goulais Avenue and Allens Sideroad. By my rough reckoning, this would save some 1200 metres. Using your information that the proposed route would be approximately 14 km, this more-direct path would be about 12.8 km. Why would PUC want to add almost 10 per cent to the length of the line with commensurate extra initial construction costs, ongoing maintenance costs, and wasteful line losses for as long as these cables carry huge amounts of electricity to Algoma Steel?

The longer route is a curious choice, especially for a project whose avowed goal is environmental benefit.

In addition, it looks to me as though the more-direct route I described would affect fewer neighbouring residences largely because it does not go some 1.2 kilometres extra in a roundabout course.

I would be grateful if you could explain this to me or suggest whom I could contact for the reasoning that led to an inefficient proposal with extra costs and extra environmental impact.

Thank you.

John Halucha

PUCQuestionsLP

Subject: RE: Transmission Study CEA

From: PUCQuestionsLP <Questions@PUCTransmissionLP.com>

Sent: April 24, 2022 8:35 PM

To: Harvey Benford

Subject: RE: Transmission Study CEA

Dear Mr. Benford,

Thank you for your inquiries and interest in the Minor Transmission Class Environmental Assessment for PUC Transmission LP's proposed new 230 kV Transmission line and station in the City of Sault Ste. Marie.

In order to address each of your varied questions, we have inserted responses below in red text, in line with your original message.

For up-to-date information on open houses or the status of the project, please sign up for our mailing list at www.PUCTransmissionLP.com

Thank you,
PUC Transmission LP Project Team

-----Original Message-----

From: Harvey Benford

Sent: April 8, 2022 10:56 AM

To: Dominic Parrella <dominic.parrella@ssmpuc.com>

Subject: Transmission Study CEA

Good Morning Dominic

In regards to the PUC transmission line assembly I guess I have a few questions more than any concern.

1. Is the feed that runs from Third Line to the recently upgraded station at Gate Three not a Hydro One maintained Transmission Line?

If so would they not have rights or first dibs on the proposed circuit to Station Options 1&2?

Response: Yes, that line is a Hydro One line; however, it does not have the capacity to supply the new additional load of the new electric arc furnaces (EAFs). Also, the line cannot be upgraded while it is in service. A new 230 kV line and station are required, which PUC Transmission is proposing to build.

2. Could the Clerque HG be tied into Algoma's state of the art Co-Gen then to Sta. Option one or two?

Response: Generation alone cannot address the problem. New transmission lines are required to get existing generation to the new EAFs.

3. Has or will PUC ever considered getting into the Generation Side of small Hydro Generation like single turbine reliable units ie. Sultan, Spanish River and Lake Hope. Create reliable power with small infrastructure investment tied to your owned(PUC) transmission lines.

4. The biggest question is why did the City and whatever partnership they could form not chase one of the Liberal cancelled gas plants being built in Mississauga and Oakville.

The City and their partners of the day were throwing money into a scheme to burn garbage that of course had to be trucked from the dump before converting it through the heat/steam/turbine process to electricity. Ill fated and bogus leadership from all involved in that venture.

Now that Natural Gas is be recognized as being "Green"it would be very appropriate to advocate to all levels of Government for PUC, Corporation of SSM, Endridge (Trans Canada)and whoever else to build a plant similar to the two that ended up in Napanee and Lampton County.

All the elements are in place for a short feet to Station one or two and with ample property already designated along Baseline PUC would win by transmission to Third Line and Algoma's Trans West directly to Station Option Two.

This may never happen but a spur or future junction point in Baseline and Allen's Sideroad could've considered in this Study.

Response: Please note that PUC Transmission is undertaking this new local transmission infrastructure in order to address the local area transmission system constraints. Information about other PUC undertakings can be found at <https://ssmpuc.com/>

Thanks for your time, sorry to bother you with rambling on.

Regards

Sent from my iPhone

-----Original Message-----

From: Harvey Benford

Sent: April 8, 2022 1:11 PM

To: Dominic Parrella <dominic.parrella@ssmpuc.com>

Subject: Re: Transmission Study CEA

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Thank you, guess spell correct and grammar checks not working on my phone or maybe I should have sat at the computer with my glasses on.

PUC is in an envious situation even though you are not into generation but then again not too long you weren't into the Forestry/Utility Arborist side of Transmission Line maintenance either.

Take Care

Sent from my iPhone

> On Apr 8, 2022, at 11:35 AM, Dominic Parrella <dominic.parrella@ssmpuc.com> wrote:

>
> Hello Mr Benford,

> Thank you for your interest in the Minor Transmission Class Environmental Assessment for PUC Transmission LP's proposed new 230 kV Transmission line and station in the City of Sault Ste. Marie.

> This is to confirm receipt of your message. A member of our team will be provide a response to you within 10 business days.

> For up-to-date information on open houses or the status of the project, please sign up for our mailing list at [https://linkprotect.cudasvc.com/url? a=https%3a%2f%2fwww.PUCTransmissionLP.com&c=E,1,aqsRqzfgBu5iFPIWK4YP7NUam3z0iOsr4oPVHdvUk6o-4pZmhN7gln09XGhFN9ebN79zhPNEKmkuyx8wff50phDQRyizm1448nx7_SsRejFLGm0Oz727&typo=1](https://linkprotect.cudasvc.com?url=a=https%3a%2f%2fwww.PUCTransmissionLP.com&c=E,1,aqsRqzfgBu5iFPIWK4YP7NUam3z0iOsr4oPVHdvUk6o-4pZmhN7gln09XGhFN9ebN79zhPNEKmkuyx8wff50phDQRyizm1448nx7_SsRejFLGm0Oz727&typo=1)

> Thank you,
> PUC Transmission LP Project Team

> -----Original Message-----

> **From:** Harvey Benford

> **Sent:** April 8, 2022 10:56 AM

> **To:** Dominic Parrella <dominic.parrella@ssmpuc.com>

> **Subject:** Transmission Study CEA

>
> CAUTION: This email originated outside of PUC. Do not open attachments or click links unless you recognize the sender and know the content is safe.
>
> Good Morning Dominic
>
> In regards to the PUC transmission line assembly I guess I have a few questions more than any concern.
> 1. Is the feed that runs from Third Line to the recently upgraded station at Gate Three not a Hydro One maintained Transmission Line?
> If so would they not have rights or first dibs on the proposed circuit to Station Options 1&2?
> 2. Could the Clerque
> HG be tied into Algoma's state of the art Co-Gen then to Sta. Option one or two?
> 3. Has or will PUC ever considered getting into the Generation Side of small Hydro Generation like single turbine reliable units ie. Sultan, Spanish River and Lake Hope. Create reliable power with small infrastructure investment tied to your owned(PUC) transmission lines.
> 4. The biggest question is why did the City and whatever partnership they could form not chase one of the Liberal cancelled gas plants being built in Mississauga and Oakville.
> The City and their partners of the day were throwing money into a scheme to burn garbage that of course had to be trucked from the dump before converting it through the heat/steam/turbine process to electricity. Ill fated and bogus leadership from all involved in that venture.
> Now that Natural Gas is be recognized as being "Green"it would be very appropriate to advocate to all levels of Government for PUC, Corporation of SSM, Endridge (Trans Canada)and whoever else to build a plant similar to the two that ended up in Napanee and Lampton County.
> All the elements are in place for a short feet to Station one or two and with ample property already designated along Baseline PUC would win by transmission to Third Line and Algoma's Trans West directly to Station Option Two.
> This may never happen but a spur or future junction point in Baseline and Allen's Sideroad could've considered in this Study.
>
> Thanks for your time, sorry to bother you with rambling on.
>
> Regards
>
> Sent from my iPhone

To: PUCQuestionsLP
Subject: RE: Website Contact Form

From: PUCQuestionsLP <Questions@PUCTransmissionLP.com>
Sent: April 21, 2022 1:29 PM
To:
Subject: RE: Website Contact Form

Dear Mr. St. Jean,

Thank you for your interest in the Minor Transmission Class Environmental Assessment for PUC Transmission LP's proposed new 230 kV Transmission line and station.

Health Canada provides information and guidance on electric and magnetic fields (EMFs) at extremely low frequencies (ELFs) – i.e. 60 Hz. powerline frequencies – at this link;
<https://www.canada.ca/en/health-canada/services/health-risks-safety/radiation/everyday-things-emit-radiation/power-lines-electrical-appliances.html>

Please see the attached information pamphlet from Health Canada that includes the following statement at the center-bottom of page 2: *"Health Canada does not consider that any precautionary measures are needed regarding daily exposures to EMFs at ELFs. There is no conclusive evidence of any harm caused by exposures at levels found in Canadian homes and schools, including those located just outside the boundaries of power line corridors."*

The various route options are not listed in any specific order or preference. The powerline is proposed to be installed overhead. The image below, taken from GoogleStreetView, provides an example of the type of steel monopole that is planned for use on this project. This image is taken on Second Line immediately west of North Street.

For up-to-date information on open houses or the status of the project, please sign up for our mailing list at www.PUCTransmissionLP.com

Thank you,
PUC Transmission LP Project Team



From: PUC Transmission LP <noreply@puctransmissionlp.com>
Sent: April 7, 2022 2:44 PM
To: PUCQuestionsLP <Questions@PUCTransmissionLP.com>
Subject: Website Contact Form

CAUTION: This email originated outside of PUC. Do not open attachments or click links unless you recognize the sender and know the content is safe.

Steve St. Jean writes,

I live on Brookfield Ave. and I notice on the route option map as per option 4 (green) concerns me as this follows almost wholly on Conservation right of way which is directly behind my residence. The question I have is would this be an above ground (on poles) application or buried, there are currently no above ground lines on any of that proposed route and I think that if this is the plan that it would be a terrible eye sore as well as a hazard to the abundant wildlife and birds that use that area. Are the options in a preferred order by number Steve St. Jean

Preferred method of contact: email
Phone:
Email:

To: PUCQuestionsLP
Subject: RE: Website Contact Form

From: PUCQuestionsLP <Questions@PUCTransmissionLP.com>
Sent: April 20, 2022 1:35 PM
To: Allan Frederick
Subject: RE: Website Contact Form

Hello Mr. Frederick,

Thank you for your interest in the Minor Transmission Class Environmental Assessment for PUC Transmission LP's proposed new 230 kV Transmission line and station in the City of Sault Ste. Marie.

This proposed transmission project may provide benefit to PUC Distribution customers in the near future. PUC Transmission's current station design includes the ability to provide several 34.5 kV feeders for PUC Distribution. These feeders will provide new 34.5 kV source in the westerly area of the city that will facilitate the LDC's reconstruction of its existing transformer stations.

PUC Transmission is partnering with Axiom Infrastructure Inc. to finance the project. However, the final debt structure is yet to be determined.

The rate of return will be determined once the OEB approves PUC Transmission's cost of service application, which is anticipated to be filed and approved prior to the in-service date of December 2024.

For up-to-date information on open houses or the status of the project, please sign up for our mailing list at www.PUCTransmissionLP.com

Thank you,
PUC Transmission LP Project Team

From: PUC Transmission LP <noreply@puctransmissionlp.com>
Sent: April 18, 2022 11:05 AM
To: PUCQuestionsLP <Questions@PUCTransmissionLP.com>
Subject: Website Contact Form

CAUTION: This email originated outside of PUC. Do not open attachments or click links unless you recognize the sender and know the content is safe.

Allan Frederick writes,

Will there be any benefits to Puc distribution customers, to shareholders. How is debt structured What is expected rate of return on investment subject to OEB approval

Address:

Preferred method of contact: email

Phone:

Email:

To: PUCQuestionsLP
Subject: RE: Website Contact Form

From: PUCQuestionsLP <Questions@PUCTransmissionLP.com>
Sent: April 19, 2022 10:04 AM
To:
Subject: RE: Website Contact Form

Hello Sue,

Thank you for your interest in the Minor Transmission Class Environmental Assessment for PUC Transmission LP's proposed new 230 kV Transmission line and station in the City of Sault Ste. Marie.

This is to confirm receipt of your message, you have been added to the mailing list. There was a problem with the input form which has been corrected.

Thank you for pointing this out.
PUC Transmission LP Project Team

From: PUC Transmission LP <noreply@puctransmissionlp.com>
Sent: April 6, 2022 9:59 AM
To: PUCQuestionsLP <Questions@PUCTransmissionLP.com>
Subject: Website Contact Form

CAUTION: This email originated outside of PUC. Do not open attachments or click links unless you recognize the sender and know the content is safe.

Sue writes,

I went to the mailing list and provided my email address as requested. I then hit the subscribe button ... and nothing happened. There was no confirmation that I had been successful in my quest. Does this lack of confirmation indicate that I made an error or that this portal is not actually functioning?

Preferred method of contact: email
Email:

To: PUCQuestionsLP
Subject: RE: Website Contact Form

From: PUCQuestionsLP <Questions@PUCTransmissionLP.com>
Sent: April 18, 2022 10:31 AM
To:
Subject: RE: Website Contact Form

Hello Mr. Palaro,

Thank you for your interest in the Minor Transmission Class Environmental Assessment for PUC Transmission LP's proposed new 230 kV Transmission line and station.

Detailed drawings are not available yet as the project is in the early stages of planning. However, the GoogleStreetView clip below provides an example of the type of steel mono-pole that is planned for use on this project. This image is taken on Second Line immediately east of North Street. Also, attached are preliminary pole specification drawings, as contemplated at this time, for your information.

Thank you,
PUC Transmission LP Project Team



From: PUC Transmission LP noreply@puctransmissionlp.com
Sent: April 4, 2022 5:50 PM
To: PUCQuestionsLP <Questions@PUCTransmissionLP.com>
Subject: Website Contact Form

CAUTION: This email originated outside of PUC. Do not open attachments or click links unless you recognize the sender and know the content is safe.

Kyle palaro writes,

Hey there, I'm very curious about the structure/tower style. Is it possible to see proposed pictures/design. Thank you.

Preferred method of contact: email
Email:

To: PUCQuestionsLP
Subject: RE: Website Contact Form

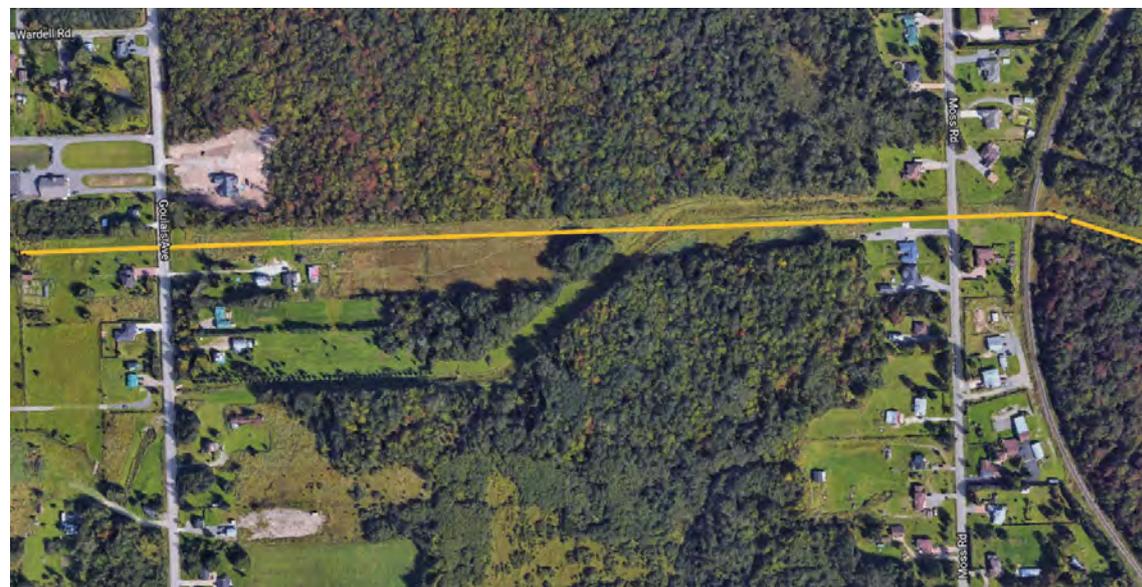
From: PUCQuestionsLP <Questions@PUCTransmissionLP.com>
Sent: April 19, 2022 10:08 AM
To:
Subject: RE: Website Contact Form

Hello Mr. Cormier,

Thank you for your interest in the Minor Transmission Class Environmental Assessment for PUC Transmission LP's proposed new 230 kV Transmission line and station.

The image below, taken from GoogleEarth, shows the approximate location of the proposed powerline, which is represented by the yellow line. The PUC holds easements for a powerline corridor, 125 feet in width, through this area. The yellow line is approximately along the center line of those easements.

Thank you,
PUC Transmission LP Project Team



From: PUC Transmission LP <noreply@puctransmissionlp.com>
Sent: April 6, 2022 6:53 AM
To: PUCQuestionsLP <Questions@PUCTransmissionLP.com>
Subject: Website Contact Form

CAUTION: This email originated outside of PUC. Do not open attachments or click links unless you recognize the sender and know the content is safe.

Robert Christopher Cormier writes,

In looking at the study map, which property are you planning to cross between Moss Road and Goulais Avenue?

Preferred method of contact: email

Phone:

Email:

PUCQuestionsLP
RE: Website Contact Form

To: PUCQuestionsLP
Subject: RE: Website Contact Form

From: PUCQuestionsLP <Questions@PUCTransmissionLP.com>
Sent: April 19, 2022 12:17 PM
To:
Subject: RE: Website Contact Form

Dear Ms. Fleming,

Thank you for your interest in the Minor Transmission Class Environmental Assessment for PUC Transmission LP's proposed new 230 kV Transmission line and station in the City of Sault Ste. Marie.

The image below, taken from Google Earth, indicates the proposed location of the "green line" option shown on the Study Map (represented here by the yellow line) which is about 330 meters west of the end of Winfield Drive.

For up-to-date information on open houses or the status of the project, please sign up for our mailing list at www.PUCTransmissionLP.com

Thank you,
PUC Transmission LP Project Team



From: PUC Transmission LP <noreply@puctransmissionlp.com>
Sent: April 7, 2022 4:13 PM
To: PUCQuestionsLP <Questions@PUCTransmissionLP.com>
Subject: Website Contact Form

CAUTION: This email originated outside of PUC. Do not open attachments or click links unless you recognize the sender and know the content is safe.

KATHRYN FLEMING writes,
It's hard to tell where this route goes on Winfield Drive, without labelling of the actual streets and lots, can you elaborate on that?

Preferred method of contact: email
Phone:
Email:

To: PUCQuestionsLP
Subject: RE: Website Contact Form

From: PUCQuestionsLP <Questions@PUCTransmissionLP.com>
Sent: April 19, 2022 8:23 PM
To:
Subject: RE: Website Contact Form

Hello Mr. Direnzo,
Thank you for your interest in the Minor Transmission Class Environmental Assessment for PUC Transmission LP's proposed new 230 kV Transmission line and station in the City of Sault Ste. Marie.

The in-person open house will be held May 26th at the West End Community Centre, 556 Goulais Ave, from 4:30 to 7:30 pm. The virtual open house will be May 31st from 4:30 to 7:30 pm.

The powerlines are proposed to be installed overhead. The image below, taken from GoogleStreetView, provides an example of the type of steel monopole that is planned for use on this project. This image is taken on Second Line immediately west of North Street.

For up-to-date information on open houses or the status of the project, please sign up for our mailing list at www.PUCTransmissionLP.com

Thank you,
PUC Transmission LP Project Team



From: PUC Transmission LP <noreply@puctransmissionlp.com>
Sent: April 7, 2022 3:51 AM
To: PUCQuestionsLP <Questions@PUCTransmissionLP.com>
Subject: Website Contact Form

CAUTION: This email originated outside of PUC. Do not open attachments or click links unless you recognize the sender and know the content is safe.

rob direnzo writes,
What are the dates of the virtual and in-person open houses? Will the line be installed under ground or above ? Can you provide an pic and description of a similar tower if applicable? thanks Rob.

Preferred method of contact: email
Phone: Email:

To: PUCQuestionsLP
Subject: RE: Website Contact Form

From: PUCQuestionsLP <Questions@PUCTransmissionLP.com>
Sent: April 19, 2022 8:48 PM
To:
Subject: RE: Website Contact Form

Hello Mr. Truscott,

Thank you for your interest in the Minor Transmission Class Environmental Assessment for PUC Transmission LP's proposed new 230 kV Transmission line and station in the City of Sault Ste. Marie.

For the potential route option along Allens Side Road within your area, the proposal would be to install new steel poles along the east side of the road within the municipal road right-of-way.

The image below, taken from GoogleStreetView, provides an example of the type of steel monopole that is planned for use on this project. This image is taken on Second Line immediately west of North Street.

For up-to-date information on open houses or the status of the project, please sign up for our mailing list at www.PUCTransmissionLP.com

Thank you,
PUC Transmission LP Project Team



From: PUC Transmission LP <noreply@puctransmissionlp.com>
Sent: April 11, 2022 12:36 PM
To: PUCQuestionsLP <Questions@PUCTransmissionLP.com>
Subject: Website Contact Form

CAUTION: This email originated outside of PUC. Do not open attachments or click links unless you recognize the sender and know the content is safe.

Geoffrey Alfred Truscott writes,

Question1: Are the current plans to replace existing poles along the planned route on Allen's side road with the new steel poles or are there additional poles to be installed. Question 2: if the answer to #1 above is additional poles, will these poles be placed on existing right of ways

Address:

Preferred method of contact: email

Phone:

Email:

Public Information Centre #1 Notice
Correspondence Record

To: John Halucha
Subject: RE: Alternative common elements route

From: John Halucha
Sent: July 13, 2022 1:34 PM
To: PUCQuestionsLP <Questions@PUCTransmissionLP.com>
Cc: ElSetouhy, Lina <Lina.Elsetouhy@wsp.com>; Pariag, Jeremiah <Jeremiah.Pariag@wsp.com>; Jairus Patterson <jairus.patterson@ssmpuc.com>; Skillen, Tamara <Tamara_Skillen@golder.com>; Murtada, Jad <Jad.Murtada@wsp.com>; Dominic Parrella <dominic.parrella@ssmpuc.com>
Subject: Re: Alternative common elements route

Your latest response follows the familiar pattern of evasive and partial answers, along with avoiding questions altogether. This huge transmission line will continuously feed more than twice as much electricity to Algoma Steel as is consumed from time to time by all the rest of Sault Ste Marie – homes, businesses and other industry combined. It is a long-term project that will deliver that enormous energy for many years after all of us are gone. If PUC planners had proper environmental awareness and concern they would have set out to find the most direct route possible as the first objective, since the longer the line is the more environmental damage it will do in multiple ways. Instead, they pounced on using a round-about route just because it had been envisaged half a century ago. They put on blinders and focused on details along that circuitous path rather than looking at the big picture. It is a classic case of failing to see the forest for the trees. I was assured in May that the old path was not a fait accompli and was subject to change as a result of environmental assessment but as I was told later in the same session, PUC had neither examined any other route nor would it do so. All attempts to convince the engineers that they must look at the biggest environmental flaw of their route – its unnecessary length – have been in vain. Their minds are closed. It is a shame that a few powerful people backed by an immense budget, large staff and vast resources can force such a short-sighted choice whose environmental cost will be paid by our descendants, including their own, for many generations. Trying to participate in this flawed environmental assessment in good faith has been an exercise in futility. Any further attempt to make PUC see reason would serve only to lend legitimacy to an “environmental assessment” process that has none.

From: PUCQuestionsLP <Questions@PUCTransmissionLP.com>
Sent: July 7, 2022 9:51 AM
To:
Cc: ElSetouhy, Lina <Lina.Elsetouhy@wsp.com>; Pariag, Jeremiah <Jeremiah.Pariag@wsp.com>; Jairus Patterson <jairus.patterson@ssmpuc.com>; Skillen, Tamara <Tamara_Skillen@golder.com>; Murtada, Jad <Jad.Murtada@wsp.com>; Dominic Parrella <dominic.parrella@ssmpuc.com>
Subject: FW: Alternative common elements route

Hello Mr. Halucha,
Thank you for your continued interest in the PUC Transmission LP Class EA and for your suggestion of alternative routes. The routes that you have suggested were considered; however, they were not carried forward as options as they were determined to be unfeasible. Some of the factors that were considered in this decision for each of those routes are below:

Alternative Route 1 (Northern route suggestion – May 27th email):

Technical factors:

Line losses: One of the benefits of this route is a shorter line; however, as discussed below, the route is not a feasible option.

Construction cost: Though this route is shorter than the Common Elements Route, the overall cost is expected to be significantly higher due to the shorter span lengths and numerous additional poles required to accommodate the additional turns in the route.

Feasibility: Due to conflict with existing development including new residential development in the area of Peoples Road and Sherbrooke Drive, we have determined that this route is not a technically viable option.

Environmental and Socio-Economic Factors: The total number of structures required to accommodate the additional turns in the route is expected to result in a more significant environmental impact. It is expected that these new residents would identify new social impacts as there is no existing easement protecting the land for such a utility corridor.

Alternative Route 2 (Most recent suggestion – June 18th email):

Technical Factors: Due to conflict with existing development including residential, commercial, and utility infrastructure, the route was determined not to be a technically viable option.

Environmental and Socio-Economic Factors: Similar to Alternative Route #1, it is expected that these new residents would identify new social impacts as there is no existing easement protecting the land for such a utility corridor.

We are pleased to provide more detailed responses to your specific comments or questions below where we have inserted our responses in red italicized text following each item.

Thank you,
PUC Transmission LP Project Team

From: John Halucha
Sent: June 18, 2022 5:51 PM
To: PUCQuestionsLP <Questions@PUCTransmissionLP.com>
Cc: Pariag, Jeremiah <Jeremiah.Pariag@wsp.com>; ElSetouhy, Lina <Lina.Elsetouhy@wsp.com>; Jairus Patterson <jairus.patterson@ssmpuc.com>; Katie Elliott <katie.elliott@ssmpuc.com>; Skillen, Tamara <Tamara_Skillen@golder.com>; Murtada, Jad <Jad.Murtada@wsp.com>; Dominic Parrella <dominic.parrella@ssmpuc.com>
Subject: Re: Alternative common elements route

CAUTION: This email originated outside of PUC. Do not open attachments or click links unless you recognize the sender and know the content is safe.

Thank you for addressing some of the concerns that I posted for the public record June 5, 2022 to <https://puctransmissionlp.com/submit-a-question/> and emailed the same day to Jeremiah Pariag with copies to Dominic Parrella and Katie Elliott. However, several aspects of my June 5 message have been missed in your reply, perhaps because it is not to my message submitted for the record June 5 but to a partial preview I sent as a courtesy to Mr. Parrella's personal attention on May 27. Another explanation might be that PUC Transmission LP is tacitly accepting the accuracy of all points that it has ignored.

Before earlier comments and questions not yet addressed by PUC Transmission LP are itemized, has another alternative route yet been considered more or less as sketched in PUC 230 kV alternative route2.jpg, attached: following existing PUC large-line easements from the Hydro One Third Line Station south along Sackville Road to Second Line, then west along Second Line either on the south side where there are no residences (preferred) or the north side as an option, then south along Carmen's Way (either side; I have drawn it on the west side here) and across rail and industrial properties to Station Option 2 near Algoma Steel. This direct route has many minor adjustments readily available to avoid impediments that PUC Transmission LP experts may identify. It also has so many advantages that PUC Transmission LP should be motivated to make accommodations such as expanding existing easements or acquiring new easements if needed:

- A length of less than 7 km, roughly half the 14 km using the round-about old path plus one of the Options.
- Very little, if any, existing residential construction encroached; certainly much less than using the old northern route.
- No need to further explore Options 1 through 4, all of which involve encroaching on yet more existing residential construction in addition to possible future residential development. Also, the need for new easements along any of those Option routes would be avoided, saving much time and expense.
- Reduced compromise of aquifer safety that the old northern route threatens.

In light of these advantages, references to the 1.2 km of transmission line savings under the first alternative proposal are amended below to 7 km. It seems so obviously and vastly superior that I have no explanation why I did not propose it in the first place.

I appreciate that Mr. Parrella personally visited the Sherbrook Drive - Peoples Road site and prepared an update, but am disappointed that many of my points were not addressed despite Mr. Parrella's June 8 assurance of "thorough review and consideration of the points you raise ... We will provide a comprehensive response to your questions and comments as soon as possible." I have used a numbered format here with hope it will assist you to satisfy that assurance.

1a. Does PUC Transmission LP acknowledge that manufacturing, transporting, installing and maintaining 7 km of extra lines and poles would produce extra greenhouse gases, contrary to the stated purpose of substantial public investment in switching Algoma Steel to electric steelmaking?
Answer: Algoma Steel has committed to transitioning its manufacturing process from the integrated basic oxygen steelmaking route to electric arc steelmaking. This process change will shrink Algoma's environmental footprint dramatically, with an expected reduction in greenhouse gas emissions by up to 70%, positioning Algoma as one of the leading producers of green steel in North America. Length of the new line is a consideration and shorter lines are favored wherever possible. The Common Elements Route and alternative route options presented at the PIC #1 comprise the shortest

feasible routes required to service Algoma's electric Arc Furnace Station. Other factors considered include number of infrastructure crossings (roads, residences, etc.), constraints on future capital works, existing continuous right-of-way, and other biophysical and socio-economic constraints. The full list of factors and criteria included in the evaluation process will be presented during the upcoming PIC.

1b. While environmental considerations have been termed paramount, PUC has said that cost is a factor. Does PUC Transmission LP acknowledge that manufacturing, transporting, installing and maintaining 7 km of extra lines and poles means extra costs in the immediate construction phase and for as many decades as the transmission line is in service?

Answer: The selection of the preferred route requires a combination of environmental, social and technical criteria applied to feasible route options. Factors include number of infrastructure crossings (roads, residences, etc.), constraints on future capital works, existing continuous right-of-way, and other biophysical and socio-economic constraints. The full list of factors and criteria included in the evaluation process will be presented during the upcoming PIC.

1c. Does PUC Transmission LP acknowledge that these cost savings could be applied to mitigate any costs of developing a shorter and greener route?

Answer: As mentioned, please note that route length is only one factor when determining cost, and cost is only one criterion when selecting a preferred route. Please refer to answers provided for questions 1 and 2 for further information.

2. Mr. Parrella has already acknowledged that an extra 1.2 kilometres of transmission line means extra line losses in perpetuity for every day the current flows, and those losses would be doubled if electricity use were to be doubled for future industrial development. That applies even more significantly if there is an unnecessary extra 7 km of lines. However, PUC Transmission LP has yet to detail the extent of this extra line loss. Please note that I first asked about this on April 6 and was told by you on April 24 that the answer would come at the PIC #1, planned for the end of May. When I asked Mr. Parrella about it at the May 26 meeting, he said those calculations had not been done. I would still appreciate a response to this question, since the extra line loss would be an ongoing waste of energy for generations.

Answer: The Environmental Assessment (EA) process is a comprehensive process that evaluates routes based on a number of factors such as number of infrastructure crossings (roads, residences, etc.), constraints on future capital works, existing continuous right-of-way, and other biophysical and socio-economic constraints. As such, the line losses may differ between routes, but this is not indicative of the overall environmental impact.

3a. Does PUC Transmission LP acknowledge that the 50-year-old route would encroach closely on at least 20 residences? If so, please explain precisely how the old route is superior "based on the degree of current housing development".

3b. If the satellite photo used in the draft proof of concept does not show subsequent housing development as illustrated by Mr. Parrella, perhaps it does not show subsequent housing development along the old route. Has that been investigated by PUC Transmission LP?

3c. After assertions about extra effects on existing housing were demonstrated to be incorrect, Mr. Parrella introduced two future houses plus a "future Residential Subdivision" as a consideration. Has PUC Transmission LP examined whether any future residential construction is being planned along the round-about route?

Answer: The existing PUC easements were put in place decades ago based on foresight that development would eventually necessitate additional utility infrastructure. The easements preclude any residential or commercial development within the easement limits; thereby preserving the land for the exact purpose that is now being proposed, while also protecting other lands from such a use. Furthermore, the existing easements satisfy regulatory requirements for clearances to any existing or future buildings subject to the Ontario Building Code.

4. Please address my June 5 notes about the aquifer: "It should also be noted that the old route extends largely through what the Sault Ste Marie Region Conservation Authority deems Medium Intrinsic Susceptibility of the aquifer, an important source of drinking water in the city. In fact, it either crosses or is very near a small area listed as High Intrinsic Susceptibility. The alternative southern route [including the Carmen's Way alternative] would be entirely in the Low Intrinsic Susceptibility zone. This may have bearing on drinking-water quality due to PUC maintenance of easements, particularly if herbicides or other noxious chemicals are used."

Answer: The Project Team is aware of the aquifer and is completing an assessment of groundwater impacts. Effects and mitigation measures will be noted in the draft Environmental Study Report (ESR). Mitigation measures may include avoiding designated vulnerable areas and continuous discharge monitoring. PUC will be consulting with appropriate regulators to ensure that construction and maintenance of the proposed transmission line is compatible with the city of Sault Ste. Marie's and the Sault Ste. Marie Region Conservation Authority's groundwater recharge or protection zones, and other regulatory requirements.

5a. You write, "As well, the proposed common elements route presented at PIC #1 is, to a large extent, clear of trees and vegetation that would need to be cleared to accommodate the powerline. This newly proposed route would require significantly more vegetation and tree clearing, which is one of the factors being taken into consideration in the Class Environmental Assessment (EA)." Does PUC Transmission LP acknowledge that the old route was largely cleared artificially of trees and vegetation prior to the Class Environmental Assessment? Certainly, in the satellite image much of that "clear" corridor seems to be surrounded by trees and vegetation rather than being clear in its natural state.

Answer: The Class EA considers impacts to the current existing conditions. It is preferable to choose an option that is on previously disturbed land (i.e., on the existing right-of-way) than to disturb new lands with existing environmental features

5b. Does PUC Transmission LP acknowledge that whatever route is chosen, the vegetation will have to be controlled for the lifetime of the transmission line, whether that is half a century or a century or longer? Wouldn't maintaining a shorter easement over that extended period mitigate any extra costs of clearing a more-direct route one time?

Answer: Maintaining a shorter line is preferable. The length of the line is a consideration and shorter lines are favored wherever possible; however, as mentioned, there are several other factors that determine the feasibility of routes. The options presented at the PIC #1 comprise the shortest feasible routes.

6a. Thank you for confirming that, "all of your comments will be included in the Public Information Centre #1 Summary Report and in the consultation summary of the Environmental Study Report." Can you confirm that the comments to be included will be the ones I posted and emailed for that purpose June 5, not the ones I sent in a private email to Mr. Parrella May 27?

6b. Please include your June 17 response and my June 18 reply (this note) in the Public Information Centre #1 Summary Report and in the consultation summary of the Environmental Study Report. I realize it is past your commenting period ending June 9, but it would be unfortunate if these exchanges were to be excluded due to delays not of my doing. I have generally replied to messages the next day since beginning our correspondence April 6 but the same cannot be said for PUC Transmission LP. If necessary, I can provide a dated and itemized list of our exchanges.

Answer: All correspondence to and from you in relation to this EA will form part of the public record.

I hope that PUC Transmission LP is seriously considering the most energy-efficient route possible for crucial infrastructure that will serve Sault Ste Marie residents and industry for generations rather than relying on a wasteful round-about route proposed a half-century ago.

Thank you,
John Halucha

From: PUCQuestionsLP <Questions@PUCTransmissionLP.com>

Sent: June 17, 2022 12:41 PM

To: John Halucha

Cc: Pariag, Jeremiah <Jeremiah.Pariag@wsp.com>; ElSetouhy, Lina <Lina.Elsetouhy@wsp.com>; Jairus Patterson <jairus.patterson@ssmpuc.com>; Katie Elliott <katie.elliott@ssmpuc.com>; Skillen, Tamara <Tamara_Skillen@golder.com>; Murtada, Jad <Jad.Murtada@wsp.com>; Dominic Parrella <dominic.parrella@ssmpuc.com>

Subject: RE: Alternative common elements route

Hello Mr. Halucha,

Thank you for the alternative route suggestion.

We reviewed your proposed route and have determined that it is not feasible due to property impacts and technical constraints. This is primarily because the aerial imagery on which your route was depicted is outdated and current imagery of the area looks quite different.

The image below shows the area of most concern along your alternate route. This is the area of Sherbrook Drive and Peoples Road.



To further investigate this area, D Parrella visited the site to verify the current status of residential development in the area and found that it is now almost fully developed. As such, we prepared the summary image below noting current development not shown on the map that you had provided.



As shown in the above images, based on the degree of current housing development and other restrictions, we have determined that the newly proposed alternate route is not feasible.

As well, the proposed common elements route presented at PIC #1 is, to a large extent, clear of trees and vegetation that would need to be cleared to accommodate the powerline. This newly proposed route would require significantly more vegetation and tree clearing, which is one of the factors being taken into consideration in the Class Environmental Assessment (EA).

We can confirm that all of your comments will be included in the Public Information Centre #1 Summary Report and in the consultation summary of the Environmental Study Report.

We very much appreciate your input and will be happy to answer any additional questions that you might have.

Thank you,
PUC Transmission LP Project Team

From: PUCQuestionsLP
Sent: June 11, 2022 2:23 PM
To: John Halucha
Cc: Pariag, Jeremiah <Jeremiah.Pariag@wsp.com>; ElSetouhy, Lina <Lina.Elsetouhy@wsp.com>; Jaiurus Patterson <jaiurus.patterson@smpuc.com>; Katie Elliott <katie.elliott@smpuc.com>
Subject: RE: Alternative common elements route

Thank you for your response. We will prepare a written response to your questions.

Best regards,
Dominic.



Dominic Parrella, P.Eng.
Executive Lead, Special Projects
 PUC Services Inc. 500 Second Line E, Sault Ste Marie, ON, Canada
 M: 705-941-8386 E: dominic.parrella@smpuc.com



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From: John Halucha
Sent: June 11, 2022 9:25 AM
To: PUCQuestionsLP <Questions@PUCTransmissionLP.com>
Subject: Re: Alternative common elements route

CAUTION: This email originated outside of PUC. Do not open attachments or click links unless you recognize the sender and know the content is safe.

Thank you for your generous invitation to participate in a hour-long virtual meeting with you and apparently members of your team to discuss comments I submitted June 5 for the Environmental Assessment public record. However, I am uncomfortable at the imposition on your valuable time along with the format and humbly decline. As detailed in my June 5 note, it appears a shorter, more-direct transmission line would be better on every environmental parameter in the immediate term and in the long term. In addition, as

outlined, the direct option promises to provide net cost savings. I hope that your undertaking to do a thorough review and consideration of the points I raised will result in a shorter, greener and cheaper route being explored without further delay.
If PUC Transmission LP remains single-mindedly dedicated to the 50-year-old plan then an explanation would be welcome when you provide the comprehensive response to my questions and comments to which you committed. Since you were prepared to meet virtually on June 15, I trust it will not be a problem to send an email by then.

Respectfully,
John Halucha

From: PUCQuestionsLP <Questions@PUCTransmissionLP.com>
Sent: June 10, 2022 3:48 PM
To: John Halucha
Subject: RE: Alternative common elements route

Hello John,

We are thinking that we can best address the comments and questions you have through a live exchange of information. We would like to do a virtual meeting with you next week, if you are agreeable. Would you be available Wednesday June 15th for an hour, from 3pm to 4pm?

We could do a Teams meeting, if that works for you. Or, if you prefer, we could do a Zoom meeting. Please let me know your preference.

Thank you.
Dominic.



Dominic Parrella, P.Eng.
Executive Lead, Special Projects
PUC Services Inc. 500 Second Line E, Sault Ste Marie, ON, Canada
M: 705-941-8386 **E:** dominic.parrella@ssmpuc.com



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From: PUCQuestionsLP
Sent: June 8, 2022 1:24 PM
To: John Halucha
Cc: Pariag, Jeremiah <Jeremiah.Pariag@wsp.com>; Katie Elliott <katie.elliott@ssmpuc.com>
Subject: RE: Alternative common elements route

Hello Mr. Halucha,

Thank you for your comments below and at the Public Information Centre, it was a pleasure meeting you at the PIC May 26th. I would just like to confirm that I have your email and we are doing a thorough review and consideration of the points you raise.

Our objective is to respond to all inquiries within 10 working days. We will provide a comprehensive response to your questions and comments as soon as possible.

Thank you.
Dominic.

From: John Halucha
Sent: May 27, 2022 11:45 AM
To: Dominic Parrella <dominic.parrella@ssmpuc.com>
Subject: Alternative common elements route

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Dear Mr. Parrella,

Thank you once again for your informative responses to many of my questions at the Public Information Centre / Open House on Thursday. I look forward to answers to my other questions as the Environmental Assessment process unfolds. In the meantime, I have attached a couple of Google Earth satellite images to illustrate one point that I attempted to convey regarding an alternative to the "common elements" route. These are necessarily approximate since I don't have access to your detailed images, but I submit they demonstrate proof of concept and provide a compelling argument that your team should take a closer look at the advantages.

You stressed to me that although cost is a factor, environmental considerations are paramount and encroachment on residential buildings is a major component of that. I believe you will find that the route I have shown here does not intrude on the 125-foot (38.1-metre) width of an easement at any point. The closest it comes to any residences is:

- 43 metres north of an isolated residence east of Peoples Road (but there is more than 125 metres between this house and residences on the south side of Third Line so considerable flexibility)
- 61 metres between residences on the east side of Peoples Road
- 50 metres north of isolated buildings east of Moss Road
- 60 metres south of a home on the west side of Moss Road

Contrast this with the existing "common elements" route:

- 80 metres between residences on the east side of Old Goulais Bay Road
- 60 metres between residences on the west side of Old Goulais Bay Road
- 38 metres between residences on the east side of Peoples Road
- 41 metres between residences on the west side of Peoples Road
- 45 metres between a residence on the west side of Brule Road and the middle of the existing easement
- 80 metres between residences on the east side of Moss Road
- 65 metres between residences on the west side of Moss Road
- 33 metres north of an isolated residence east of Goulais Avenue
- 83 metres between residences on the east side of Goulais Avenue
- 49 metres between residences on the west side of Goulais Avenue
- 50 metres between residences on the north side of Third Line

The alternative portion through the uninhabited Fort Creek area offers a lot of flexibility. In the example offered here, it runs as close as about 65 metres behind residences on Third Line. That is about 15 metres more distant than the existing "common elements" route that is as close as 50 metres from homes north of Tallack Boulevard, especially on Kent Crescent, which you told me is not a problem. Similarly, there is a lot of flexibility in the alternative path north of Chippewa street and the rough line drawn here is about 120 metres away from the nearest residence.

Note that the straight line drawn through the industrial property on the west side of Peoples Road would actually require some shifting of transmission lines and/or buildings to abide by the 10-metre minimum clearance.

It should also be noted that the existing "common elements" route extends largely through what the Sault Ste Marie Region Conservation Authority deems Medium Intrinsic Susceptibility of the aquifer, an important source of drinking water in the city. In fact, this route either crosses or is very near to a small area listed as High Intrinsic Susceptibility. The alternative proposed route south of Third Line would be entirely in the Low Intrinsic Susceptibility area. This may have bearing on drinking-water quality due to PUC maintenance of easements, particularly if herbicides or other noxious chemicals are used.

I hope this will help convince you that exploring the more-direct route is warranted for several environmental considerations: less encroachment on existing residences, lower risk to the aquifer and drinking water, lower greenhouse gas emissions with the reduction of manufacture, transportation, installation and maintenance of about 1.25 km of line and poles, and ongoing efficiency of energy use by avoiding an extra 1.25 km of line loss. As you verified at the information centre, that perpetual line loss would be doubled if and when electricity transmission is doubled for future industrial use.

Though environmental concerns are properly paramount, you pointed out that cost is a factor. PUC Transmission LP says the proposed line would be approximately 14 km long and cost about \$100 million, which points to a cost per kilometre of \$7.1 million or \$8.9 million for the extra 1.25 km of the published "common elements" route. No doubt some project costs are not directly tied to purchase of materials and construction, so let us cut that about in half to be generous. This back-of-the envelope calculation indicates a minimum cost saving of \$4.5 million using a more-direct alternative route such as the one illustrated in the attached. Shouldn't that be taken into account for "cost effectiveness" in addition to the paramount environmental improvement?

This project will serve the people and industry of Sault Ste Marie for many decades, and it seems unconscionable to construct such a long-lasting and important project using a route that is environmentally inferior on many grounds just because it was chosen by well-meaning planners half a century ago, when knowledge and concern about the environment was not as well developed as today. It seems obvious that at the very least the alternative should be studied rather than dismissed out of hand.

Upper levels of government have given strong support to the electrification of Algoma Steel furnaces, and implicitly the transmission of more electricity, on environmental grounds including reduction of greenhouse gases. Building an extra 1.25 km of transmission lines runs contrary to that goal and is more expensive besides.

At the Thursday open house, staffer Lina ElSethony said in answer to my queries that the "common elements" route is subject to this environmental assessment but no alternatives were considered because the PUC was satisfied with existing easements. When I said that sounded as though PUC had already made up its mind and would not consider alternatives even though an extra 1.25 kilometres of line was inherently anti-environmental, she assured me that changes to the "common elements" could still be made because you are very early in the assessment process. Her colleague Jairus Patterson joined our conversation part-way through and echoed those assurances. I took their affirmations as sincere, and trust they reflect the general PUC stance.

Because of our face-to-face discussion of this topic, I feel it is only fair to bring this analysis to your personal attention before I submit it for publication on the record in a week or so. That allows some time for you and other professionals on your team to point out flaws in my reasoning. Although I am passionate about the environment and efficiency, I assure you that I have an open mind and am willing to adjust my stance when presented with compelling facts.

John Halucha

PS: At the open house, several staffers who noticed me photographing exhibits kindly informed that the placards and maps were to be posted online later Thursday. I haven't been able to find them as of 11:30 am today and would be grateful if you or one of your team could tell me where they are. Thanks yet again for your help.

To: Dominic Parrella
Subject: RE: New Algoma Steel Transmission Line

From: Dominic Parrella
Sent: June 10, 2022 9:46 AM
To: Jack Flint
Subject: RE: New Algoma Steel Transmission Line

Hello John,

In relation to your first question below, we anticipate finalizing the route selection in late July to early August. A second PIC will be held at that point to advise the public of the outcome and seek input under the EA process. You will receive notice of the PIC at that time.

Regards,
Dominic.

From: Jack Flint
Sent: June 9, 2022 9:55 AM
To: Dominic Parrella <dominic.parrella@ssmpuc.com>
Subject: Re: New Algoma Steel Transmission Line

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Good Morning Mr. Parrella,

Would you have any idea when the new power line route selection will be made ?

Also, the application for getting the avenue of trees along the east side of Allen's Side Road, south of the Second Line, considered for A Heritage Tree Designation requires information on the property ownership. Would you have this information and if so, could you share that with me.

<https://forestsontario.ca/en/program/heritage-tree>

Thank You

John

From: Dominic Parrella
Sent: Monday, June 6, 2022 12:13 PM
To: Jack Flint
Cc: Corey Gardi
Subject: RE: New Algoma Steel Transmission Line

Thank you for providing this Mr. Flint. We will certainly take this into consideration in assessing the various route options.

Regards,
Dominic.



Dominic Parrella, P.Eng.
Executive Lead, Special Projects
PUC Services Inc. 500 Second Line E, Sault Ste Marie, ON, Canada
M: 705-941-8386 **E:** dominic.parrella@ssmpuc.com



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From: Jack Flint
Sent: June 6, 2022 10:23 AM
To: Dominic Parrella <dominic.parrella@ssmpuc.com>
Cc: Corey Gardi <c.gardi@cityssm.on.ca>
Subject: Re: New Algoma Steel Transmission Line

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Mr. Parrella,

As requested, here is an electronic copy of the Petition.

We canvassed just Allen's Side Road Residents from the Third Line south to Wallace Terrace with the vast majority signing the Petition. There were only a few that weren't home, but if required we can return this week and present the Petition to them for their consideration.

As well, if required we can certainly expand the scope of the Petition to include those who reside in the area between Allen's Side Road east to Goulais Avenue in the area from the Third Line south to the Base Line to gain a broader consensus. Please let me know if that would be helpful.

I've heard back from the Great Lakes Forestry Center and it appears that the trees in question are Eastern Cottonwood *Populus deltoides* which are apparently not common for this area.

John

PETITION

RE: Proposed PUC Transmission Line Routing

We the undersigned object to having the proposed double circuit 230 kilovolt line routed along the east side of Allen's Side Road as this would result in the removal of over three dozen mature century old trees along Allen's Side Road south of Second Line.

We hereby recommend that the Option 4 route be chosen to retain these irreplaceable trees as well as eliminating the low decibel transmission noise for Allen's Side Road residents during wet conditions.

Please print

Name	House #	Street	Signature
JACK FLINT	247	Allen's Side Road	J. Flint
LOUI NELSON	231	Allen's Side Road	Louie Nelson
RANDY MARENDA	223	Allen's Side Road	Randy Marenada
RAWA BIASUCCI	210	Allen's Side Road	R Biasucci
LYNNE ALLEN	202	Allen's Side Road	Lynne Allen
Phil ALLEN	202	Allen's Side Road	Phil Allen
L. Coakley	239	Allen's Side Road	L. Coakley
Joe DeCOURCY	291	Allen's Side Road	Joe De Courcy
Joy DeCourcy	291	Allen's Side Road	Joy De Courcy
MARK PARADIS	303	Allen's Side Road	Mark Paradis
ART MORRIS	323	Allen's Side Road	A. Morris
JANET MORRIS	323	Allen's Side Road	Janet Morris
Peggy Christie	376	Allen's Side Road	P. Christie
Poland R. Landradis	465	Allen's Side Road	P. Landradis
W. Brodeur	524	Allen's Side Road	W. Brodeur
Amie n. Peller	577	Allen's Side Road	A. Peller
Timothy KING	618	Allen's Side Road	T. King
Geoff Truscott	601	Allen's Side Road	G. Truscott
RAIMO MAENBAA	4	Allen's Side Road	SEE PAGE 3
ALLAN CRIPPS	1136	Allen's Side Road	SEE PAGE 3
Jacquet Forsyth	1137	Allen's Side Road	J. Forsyth
Maralyn Doherty	368 ¹¹	Allen's Side Road	M. Doherty

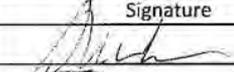
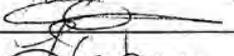
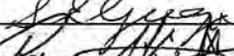
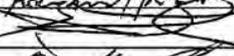
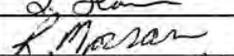
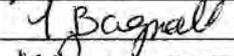
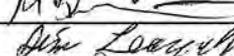
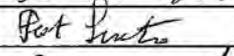
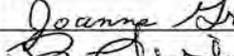
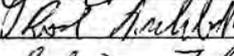
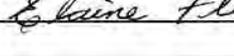
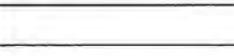
PETITION

RE: Proposed PUC Transmission Line Routing

We the undersigned object to having the proposed double circuit 230 kilovolt line routed along the east side of Allen's Side Road as this would result in the removal of over three dozen mature century old trees along Allen's Side Road south of Second Line.

We hereby recommend that the Option 4 route be chosen to retain these irreplaceable trees as well as eliminating the low decibel transmission noise for Allen's Side Road residents during wet conditions.

Please print

Name	House #	Street	Signature
Shelley Cochran	2-368	Allen's Side Road	
Dobson Basara	380	Allen's Side Road	
Lindsey Corboy	392	Allen's Side Road	
STANLEY HENNESSY	535	Allen's Side Road	
Richard Lacher	741	Allen's Side Road	
Susan Elgueta	750	Allen's Side Road	
Raymond Knight	885	Allen's Side Road	
DALE TUCKER	349	Allen's Side Road	
M. THE ARTUSO	734	Allen's Side Road	
Sylvia Shaw	267	Allen's Side Road	
Karin Moran	394 ¹	Allen's Side Road	
Tianna Bagnell	396 ²	Allen's Side Road	
M. Dorodjian	525	Allen's Side Road	
Jim Leacock	728	Allen's Side Road	
Pat Lento	781	Allen's Side Road	
Joanne Grancic	752	Allen's Side Road	
ROSE ANNE GIULIANO	789	Allen's Side Road	
Joe Giuliano	789	Allen's Side Road	
ROD ARCHIBALD	793	Allen's Side Road	
ELAINE FLINT	257	Allen's Side Road	
		Allen's Side Road	
		Allen's Side Road	

These Residents have side properties that are on Allen's Side Road

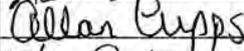
PETITION

RE: Proposed PUC Transmission Line Routing

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Please print

Name	Address	Signature
RAIMO MAENPRA	4 PALOMINO DRIVE	
ALLAN CRIPPS	1136 WALLACE TERRACE	
AMY CORTEIS	2 RANSOM DRIVE	
MARCO BRESSAN	5 PALOMINO DRIVE	

From: Dominic Parrella
Sent: Monday, June 6, 2022 9:27 AM
To: Jack Flint
Cc: Corey Gardi
Subject: RE: New Algoma Steel Transmission Line

Hello Mr. Flint,

Thank you for your email. Please submit the petition to my attention. An electronic copy would be sufficient for now. If we require the original hard copy, I will let you know.

Thanks, and regards,
Dominic.



Dominic Parrella, P.Eng.
Executive Lead, Special Projects
PUC Services Inc. 500 Second Line E, Sault Ste Marie, ON, Canada
M: 705-941-8386 E: dominic.parrella@ssmpuc.com



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From: Jack Flint <john.flint@shaw.ca>
Sent: June 6, 2022 9:15 AM
To: Dominic Parrella <dominic.parrella@ssmpuc.com>
Cc: Corey Gardi <c.gardi@cityssm.on.ca>
Subject: New Algoma Steel Transmission Line

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Mr. Dominic Parrella, P.Eng.
Executive Lead, Special Projects

Good Morning Dominic,

After attending the May 26, 2022 In-Person PIC #1 Details meeting, I spoke with several Allen's Side Road residents and we have decided to circulate a Petition to oppose the selection of the Allen's Side Road route and recommend that the Route #4 option be chosen.

The main concern of the Residents was that 40 large majestic trees would have to be removed along the east side of Allen's Side Road south of the Second Line as well as countless other smaller ones in order to install the new power line.

I have contacted the Great Lakes Forestry Center to acquire additional information on this unique stand of trees which have become a prominent west end community landmark for the past several decades.

Also being looked into is having these trees designated as Heritage Trees with the Ontario Urban Forest Council.

As well, following that process and in conjunction with the The Ontario Heritage Act, I have been in contact with our Ward 5 Councillor to request his assistance in having this matter presented to Council for their approval to have the trees in question protected under the Municipal Planning Act, as covered in Sections 135-141.

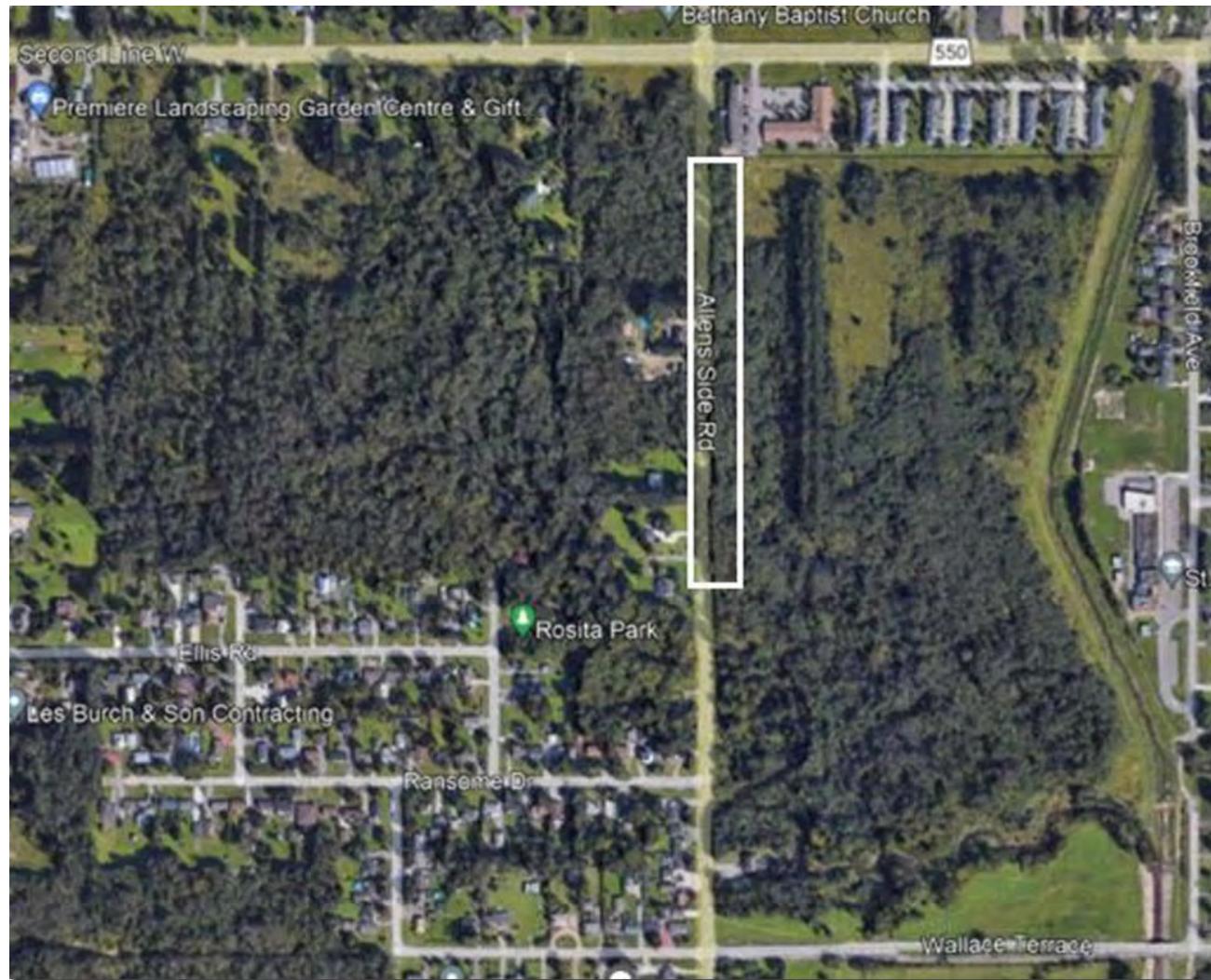
Please advise as to whom, where and when the above mentioned Petition should be submitted to.

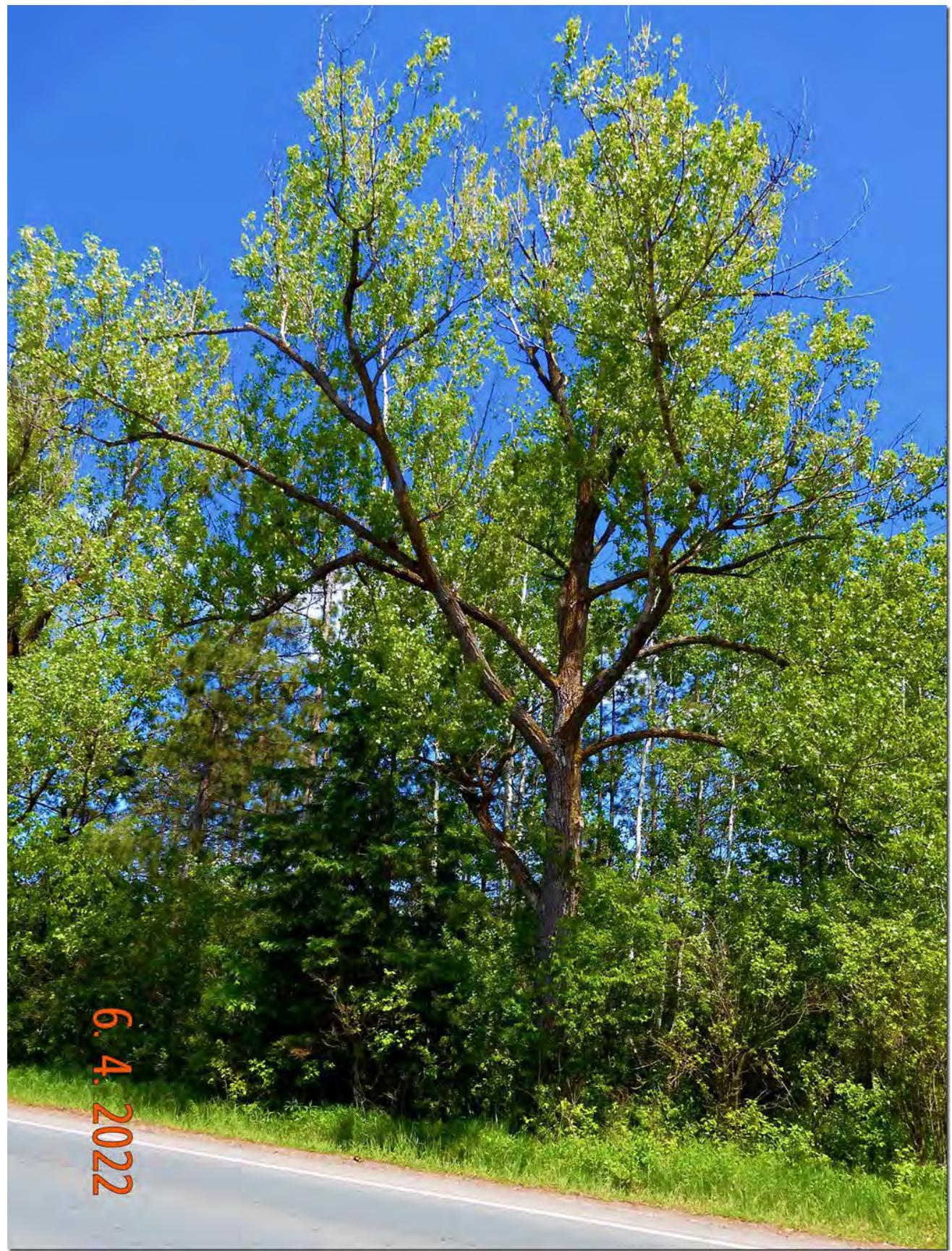
I may be contacted at john.flint@shaw.ca or 705-945-0236 if required and again thank you for providing all the requested information in such a timely fashion.

Sincerely,

John Flint







6. 4. 2022

To: Dominic Parrella
Subject: RE: Poperty Ownership

From: Dominic Parrella <dominic.parrella@ssmpuc.com>
Sent: June 10, 2022 9:41 AM
To: Jack Flint
Cc: Corey Gardi <c.gardi@cityssm.on.ca>
Subject: RE: Poperty Ownership

Hello John,

We are not a liberty to disclose that information. However, you could contact Mike Kresin at Kresin Engineering, who are the consultants working for the owner in relation to this property. His contact information is listed below.

Regards,
Dominic.

Michael Kresin, P.Eng.
Consulting Engineer
Kresin Engineering Corporation
536 Fourth Line East, Sault Ste. Marie, ON, P6A 6J8
tel: 705-949-4900, fax: 705-949-9965

From: Jack Flint
Sent: June 10, 2022 6:26 AM
To: Dominic Parrella <dominic.parrella@ssmpuc.com>
Cc: Corey Gardi <c.gardi@cityssm.on.ca>
Subject: Poperty Ownership

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Good Morning Dominic,

As per my previous inquiry on property, do you if you be able to assist me with that information as it will be required to begin the nomination process?

Thank you,

John

From: Hands, Allison - Forests Ontario
Sent: Thursday, June 9, 2022 4:56 PM
To:
Subject: Welcome to the Heritage Tree Program!

Hi John,

Thank you for signing up to nominate a special tree to be considered for our Heritage Tree Program.

To begin your Heritage Tree nomination, you will need to create a password to access our secure website. To create your password, click here: <https://forestsontario.ca/en/auth/password-forgot>.

Once you have created your password, you can log in here: <https://tools.forestsontario.ca/apps/nominator/>.

Once started, you may revisit and edit your nomination as frequently as you wish simply by logging into the secure website. Once you hit "Submit", your nomination will be sent to Forests Ontario for review. Please note that once a nomination has been submitted it can no longer be edited by the nominator. If there is any additional information needed to supplement your application, we will contact you directly.

If you have any questions or require assistance with your application, please feel free contact our office at [REDACTED] or email be directly at [REDACTED]

Thank you again and good luck!

Allison Hands
Education Manager
Forests Ontario
15 Maple Ave Unit #103
Barrie, ON, L4N 2N6

Be a friend of our forests with a donation to plant more trees. Ensure healthy forests for the future. [Donate today!](#)

To: Dominic Parrella
Subject: RE: PUC Transmission LP - 230 kV Transmission Line - Sault Ste. Marie

From: Dominic Parrella <dominic.parrella@ssmpuc.com>
Sent: June 14, 2022 10:18 AM
To: Brian Jennings
Subject: RE: PUC Transmission LP - 230 kV Transmission Line - Sault Ste. Marie

Hi Brian,

Sorry, I don't have a cross-section drawing, but I note that the PUC easement is 125 feet in width and that the powerline would be placed at the center of the easement width. As I mentioned, there is some latitude to move the pole location along the easement length in the area of your house. This can be considered in more detail when we get to the detailed engineering phase (over the next month or two). I can confirm however, there will not be any underground service trenches associated with this. I will discuss your request with WSP and get back to you with a more detailed drawing to discuss your preferred pole location with you in more detail.

Also, I may have already mentioned this, but the steel poles will resemble the single steel poles on Second Line east of North St. as in the GoogleEarth image below.



Let me know if I can provide anything further.

Regards,
Dominic.

Dominic Parrella, P. Eng.
Executive Lead, Special Projects
PUC Services Inc.
C: [705-941-8386](tel:705-941-8386)

From: Brian Jennings
Sent: June 9, 2022 6:36 AM
To: Dominic Parrella <dominic.parrella@ssmpuc.com>
Subject: RE: PUC Transmission LP - 230 kV Transmission Line - Sault Ste. Marie

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Hi Dominic,
Thank you for the quick response and the attached link to the project. Somehow I missed that on the website.
Was hoping that the pole placement would be staggered about the centre line of Old Goulais Bay eliminating the view of the poles. (Similar to Brule Rd.)
Guessing there will be no underground service trenches on the project.
Is there a typical section of the lines at the pole locations showing number of lines and offset to property lines?
Thank you,

Brian Jennings
Senior Designer



From: Dominic Parrella <dominic.parrella@ssmpuc.com>
Sent: June 8, 2022 9:26 PM
To: Brian Jennings
Subject: RE: PUC Transmission LP - 230 kV Transmission Line - Sault Ste. Marie

Caution! This message was sent from outside your organization.

Hi Brian,
Updated documentation is posted at this link: <https://puctransmissionlp.com/project-plan/>

The presentation from the virtual information session that was held May 31st, which is essentially the same as the presentation boards that were on display at the in-person session on May 26th, is posted at this link as well as all the maps that were on display at the in-person session. Please see Map 3 for proposed pole locations relative to your property (clip from Map 3 included below for reference)

The easement is identified in light yellow shading and the pole locations are shown as green dots. Let me know if you have any concerns with the proposed location. There is some latitude to move the location along the easement, but it would have to remain in the middle of the easement width.



Yes, there will be a second Public Information Session (both in-person and virtual) later this summer, around the end of July or early August. You will be notified of the date, time and location, both by mail and email.

Let me know if I can provide anything further.

Regards,
Dominic.



Dominic Parrella, P.Eng.
Executive Lead, Special Projects
PUC Services Inc. 500 Second Line E, Sault Ste Marie, ON, Canada
M: 705-941-8386 E: dominic.parrella@ssmpuc.com



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From: Brian Jennings
Sent: June 8, 2022 3:09 PM
To: Dominic Parrella <dominic.parrella@ssmpuc.com>
Subject: RE: PUC Transmission LP - 230 kV Transmission Line - Sault Ste. Marie

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Hi Dominic,
Missed last weeks public information session as I was on vacation.
Checked the web site and found little.
Were there any minutes taken and or info from the meeting that you can share? Is PUC still proposing a summer information session?
Thank you

Brian Jennings
Senior Designer



From: Dominic Parrella <dominic.parrella@ssmpuc.com>
Sent: April 7, 2022 2:27 PM
To: Brian Jennings
Subject: RE: PUC Transmission LP - 230 kV Transmission Line - Sault Ste. Marie

Caution! This message was sent from outside your organization.

Hi Brian,

Sorry for the delay in responding. No, drawings are not available yet. I will look into this and let you know when you can expect to see something.

Thanks,
Dominic.

Dominic Parrella, P. Eng.
Executive Lead, Special Projects
PUC Services Inc.
C: [705-941-8386](tel:705-941-8386)

From: Brian Jennings
Sent: April 7, 2022 1:57 PM
To: Dominic Parrella <dominic.parrella@ssmpuc.com>
Subject: FW: PUC Transmission LP - 230 kV Transmission Line - Sault Ste. Marie

Hi Dominic,
Do you happen to know if the consultant has completed any preliminary drawings?
Sent email last week, but have yet to receive a response. See email below.
Thank you

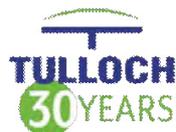


Brian Jennings
Senior Designer



From: Brian Jennings
Sent: April 1, 2022 1:39 PM
To: jeremiah.pariag@wsp.com
Subject: PUC Transmission LP - 230 kV Transmission Line - Sault Ste. Marie

Hi Jeremiah,
I had received a letter as per the subject above. I am 161 Old Goulais Bay Rd in Sault Ste. Marie
Are there any enlarged details or plan drawings available showing property line offsets and pole placement in the area of our house?
Please advise.
Thank you



Brian Jennings
Senior Designer



To: PUCQuestionsLP
Subject: RE: PUC Transmission LP

-----Original Message-----

From: PUCQuestionsLP <Questions@PUCTransmissionLP.com>
Sent: June 15, 2022 10:53 PM
To: mario bressan
Subject: RE: PUC Transmission LP

Hello Mr. Bressan,

Thank you for your interest in the Minor Transmission Class Environmental Assessment for PUC Transmission LP's proposed new 230 kV Transmission line and station in the City of Sault Ste. Marie.

The Project Team did consider an underground option. However, underground construction at 230 kV is much more expensive than overhead construction. Also, as the line would cross multiple private and public properties, there would be significant risk of unintentional damage by others. Furthermore, any failure of the underground line would be much more disruptive, requiring significantly more time and resources to repair. In addition, the environmental impact of underground construction is much more significant than overhead. Therefore, an underground option was not considered to be a viable option.

For up-to-date information on open houses or the status of the project, please visit our website at www.PUCTransmissionLP.com

Thank you,
PUC Transmission LP Project Team

-----Original Message-----

From: mario bressan
Sent: May 29, 2022 7:56 PM
To: Dominic Parrella <dominic.parrella@ssmpuc.com>
Subject: PUC Transmission LP

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I realize the overhead transmission lines are cheaper to install but has there been any considerations for a underground line. Clearly marked similar to the oil lines around Simpson street; and not exposed to weather elements ;it could be a more reliable and longer life system. High voltage lines in the plant are underground feeding the blast furnace. Just a thought .Thank You

Sent from my iPad

To: PUCQuestionsLP
Subject: RE: Website Contact Form

From: PUCQuestionsLP <Questions@PUCTransmissionLP.com>
Sent: June 11, 2022 2:38 PM
To:
Subject: RE: Website Contact Form

Hello Mr. Schryer,

Apologies for the delay in responding, it is our objective to respond to all inquiries within 10 business days.

Further details, including the presentation that was provided during the virtual meeting on May 31st and detailed maps of the project, are provided at this link: <https://puctransmissionlp.com/project-plan/>

Map 4 provides details on the location of the proposed powerline relative to your property. An extract of Map 4 is provided below for your reference. The line is proposed approximately 18 meters north of your northmost property line. This will not impact any construction on your property under the Building Code.

With regards to your question about an access road – yes, an access road for construction and ongoing maintenance of the powerline is proposed from Peoples Road along the easement. The road is proposed to be more of a cross-country trail than a roadway. It will likely not be of any use for access to the rear lots of abutting properties.

Let us know if we can provide anything further.

Thank you,
PUC Transmission LP Project Team



From: PUC Transmission LP <noreply@puctransmissionlp.com>
Sent: May 19, 2022 8:52 PM
To: PUCQuestionsLP <Questions@PUCTransmissionLP.com>
Subject: Website Contact Form

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Gary Schryer writes,

Hello, I live on Kent Crescent and the new high voltage lines will be run behind our property. I plan to attend the Zoom session on May 31, but the two questions I have are: 1. How far away from my property line will the new power lines be constructed? I have plans to construct a garage in my back yard in the next few years and I am concerned that the location I want to build may become limited due to minimum clearance requirements to overhead power lines described in the Ontario Building Code. 2. Are there plans to construct a maintenance road or access road for the power lines? I do not have great access to my back yard to store my travel trailer in winter and I'm curious if there is an opportunity to have an access road brought in from Peoples Road that would give my neighbours and I access to our rear yards. Thanks!

Address:

Preferred method of contact: email

Phone:

Email:

To: PUCQuestionsLP
Subject: RE: Website Contact Form sherricrosato@hotmail.com

From: PUCQuestionsLP <Questions@PUCTransmissionLP.com>
Sent: July 21, 2022 10:20 AM
To:
Subject: RE: Website Contact Form [REDACTED]

Hello Ms. Crosato,

Thank you for your interest in the Minor Transmission Class Environmental Assessment for PUC Transmission LP's proposed new 230 kV Transmission line and station in the City of Sault Ste. Marie.

Health Canada provides information and guidance on electric and magnetic fields (EMFs) at extremely low frequencies (ELFs) – i.e. 60 Hz. powerline frequencies – at this link;
<https://www.canada.ca/en/health-canada/services/health-risks-safety/radiation/everyday-things-emit-radiation/power-lines-electrical-appliances.html>.

Please see the attached information pamphlet from Health Canada that includes the following statement at the center-bottom of page 2: *"Health Canada does not consider that any precautionary measures are needed regarding daily exposures to EMFs at ELFs. There is no conclusive evidence of any harm caused by exposures at levels found in Canadian homes and schools, including those located just outside the boundaries of power line corridors."*

For up-to-date information on open houses or the status of the project, please sign up for our mailing list at www.PUCTransmissionLP.com

Thank you,
PUC Transmission LP Project Team

From: PUC Transmission LP <noreply@puctransmissionlp.com>
Sent: July 5, 2022 1:36 PM
To: PUCQuestionsLP <Questions@PUCTransmissionLP.com>
Subject: Website Contact Form

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SHERRI CROSATO writes,

What are the health risks of living within close distance to 230 kV transmission lines?

Address:

Preferred method of contact: email

Phone:

Email:

To: PUCQuestionsLP
Subject: RE: Website Contact Form jacob.maybe@hotmail.com

From: PUCQuestionsLP <Questions@PUCTransmissionLP.com>
Sent: July 19, 2022 9:20 AM
To:
Subject: RE: Website Contact Form [REDACTED]

Hello Mr. McEachern,

Thank you for your interest in the Minor Transmission Class Environmental Assessment for PUC Transmission LP's proposed new 230 kV Transmission line and station in the city of Sault Ste. Marie.

We have noted your preference for any route other than Route 5, and your comments have been noted and will be taken into consideration in completing this study.

With regards to health concerns, Health Canada provides information and guidance on electric and magnetic fields (EMFs) at extremely low frequencies (ELFs) – i.e. 60 Hz. powerline frequencies – at this link; <https://www.canada.ca/en/health-canada/services/health-risks-safety/radiation/everyday-things-emit-radiation/power-lines-electrical-appliances.html>.

Please see the attached information pamphlet from Health Canada which states at the bottom-center of page 2 ... "Health Canada does not consider that any precautionary measures are needed regarding daily exposures to EMFs at ELFs. There is no conclusive evidence of any harm caused by exposures at levels found in Canadian homes and schools, including those located just outside the boundaries of power line corridors".

For up-to-date information on open houses or the status of the project, please sign up for our mailing list at www.PUCTransmissionLP.com

Thank you,
PUC Transmission LP Project Team

From: PUC Transmission LP <noreply@puctransmissionlp.com>
Sent: July 5, 2022 7:56 PM
To: PUCQuestionsLP <Questions@PUCTransmissionLP.com>
Subject: Website Contact Form

CAUTION: This email originated outside of PUC. Do not open attachments or click links unless you recognize the sender and know the content is safe.

Jacob McEachern writes,

Hi there, I was out of town during the appropriate window for open houses and emailing questions - my apologies! After reviewing the information, I am cautiously optimistic about the PUC Transmission project and what the electric arc furnaces may mean for local air quality. That said, I would like to express my preference for "any option other than route option 5". I assume, since I've provided my address, that my reasoning is clear enough. While I do appreciate the efficiency of route 3, I'd love to see a combination of route options 1 and 2, which would keep the lines further from St. Francis school. (My kid does NOT attend this school, but I still believe we should shield children from health risks, even if they are moderate risks.) Thank you for your time. -Jacob

Address:

Preferred method of contact: email

Phone:

Email:

To: PUCQuestionsLP
Subject: RE: Website Contact Form dandirocco@shaw.ca

From: PUCQuestionsLP <Questions@PUCTransmissionLP.com>
Sent: July 20, 2022 4:24 PM
To:
Subject: RE: Website Contact Form [REDACTED]

Hello Mr. Di Rocco,

Thank you for your interest in the Minor Transmission Class Environmental Assessment for PUC Transmission LP's proposed new 230 kV Transmission line and station in the city of Sault Ste. Marie.

Your residence is approximately 400 meters south of the proposed powerline. The minimum horizontal clearance requirement is 10 meters. Applicable clearance standards are prescribed under the Ontario Building Code, the Ontario Electrical Safety Code and by the Canadian Standards Association. The proposed line will comply with all of these requirements.

The proposed line is planned to cross Old Goulais Bay Road between civics 184 and 160. A map of the proposed layout can be viewed at this link:
https://puctransmissionlp.com/documents/assets/uploads/files/en/property_maps_3.pdf.

Thank you for your recommendation regarding the location of the substation. This will be taken into consideration as part of the decision-making process when assessing the options for the station location.

Thank you,
PUC Transmission LP Project Team

From: PUC Transmission LP <noreply@puctransmissionlp.com>
Sent: July 4, 2022 1:39 PM
To: PUCQuestionsLP <Questions@PUCTransmissionLP.com>
Subject: Website Contact Form

CAUTION: This email originated outside of PUC. Do not open attachments or click links unless you recognize the sender and know the content is safe.

Dan Di Rocco writes,

Based on the drawing our home appears to be a safe distance from the line. What are the recommended distances for power line of this voltage and where can I find the regulations. I would also like to know exactly where the line will cross Old Goulais Bay Rd. I assume this is the center of the gas pipeline right of way. I strongly believe locating the the substation on Algoma Steel property may have repercussions in the future, say a new owner or creditor takes possession of the property. Please put this on publicly owned land so control is guaranteed. Thank you

Address: *****
Preferred method of contact: email
Phone:
Email: