

APPENDIX D

PUBLIC INVOLVEMENT MATERIALS

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Round 2 Open House

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- Advertisement: Nickel Belt News
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- Open House Comment Form
- Storyboards

Other Public Involvement Materials

- Fox Lake Cree Nation Core Elder and Resource Harvester Group Workshop Presentation

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STAKEHOLDER INTERACTIONS

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List of Stakeholders

Aboriginal and Community Leadership

- Tataskweyak Cree Nation
- Fox Lake Cree Nation
- York Factory First Nation
- War Lake First Nation
- Manitoba Metis Federation
- Gillam Town Council

Other Stakeholders

- Split Lake Resource Management Area Board
- Manitoba Lodges and Outfitters Association
- Manitoba Trappers Association
- Beverly and Kaminaruk Caribou Management Board
- Gillam Snowmobile Club
- Hudson's Bay Railway
- Manitoba EcoNetwork
- Manitoba Infrastructure and Transportation
- Manitoba Conservation and Water Stewardship
- Manitoba Conservation and Water Stewardship Integrated Resource Management Team

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Meetings

Date of Meeting	Location	Notes
November 20, 2009	TetrES offices	Meeting with TCN re: TCN Keeyask Transmission Project Workplan dated November 17, 2009
January 19, 2010	TetrES offices	Meeting With Fox Lake Cree Nation re: Keeyask Construction Power & Generation Outlet Transmission Project
June 18, 2010	TetrES offices	Meeting With Fox Lake Cree Nation to discuss the Fox Lake TK study workplan
December 2, 2010	Stantec offices	Meeting with Fox Lake Cree Nation re: Keeyask Transmission Project
April 27, 2011	Stantec offices	Meeting with TCN re: Keeyask Transmission Project
October 20, 2011	Stantec offices	Meeting with Manitoba Conservation
June 13, 2012	Gillam Recreation Centre	Fox Lake Cree Nation Core Elder and Resource User Group Workshop
August 2, 2012	Gillam Town Hall	Meeting with Gillam Town Council
August 2, 2012	Gillam Recreation Centre	Open house
August 24, 2012	360 Portage Avenue	Meeting with War Lake First Nation to discuss the Alternative Routes
September 6, 2012	Gillam Recreation Centre	Fox Lake Cree Nation Core Elder and Resource User Group Workshop
September 05, 2012	Gillam Town Hall	Meeting with Gillam Town Council
September 05, 2012	Gillam Recreation Centre	Open house
September 10, 2012	Teleconference	Phone conference with Manitoba Conservation to discuss Alternative Routes

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Stakeholder Letters

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P.O. Box 7950 Stn Main, 820 Taylor Avenue • Winnipeg Manitoba Canada • R3C 0J1
Telephone / N° de téléphone : (204) 360-7353 • Fax / N° de télécopieur : (204) 360-3734
dblock@hydro.mb.ca

May 24, 2012

Chief Louisa Constant
York Factory First Nation
General Delivery
York Landing, MB, R0B 2B0

Dear Chief Constant:

Re: Keeyask Transmission Project (KTP)

Manitoba Hydro would like to meet with you to discuss the proposed Keeyask Transmission Project (KTP). The purpose of the meeting is to share information, answer questions and discuss any concerns that your community may have regarding the proposed project.

The KTP will transport electrical energy from the existing transmission system to the Keeyask Generating Station (GS) site for construction purposes then from the proposed Keeyask GS into the Manitoba Hydro northern collector and transmission system. The anticipated completion date for the project is early 2020.

A representative from Manitoba Hydro will be in contact with you in the near future to coordinate a meeting. In the interim, if you require any further information, please contact me at (204) 360-7353.

We look forward to meeting with you and receiving further feedback from your community regarding the KTP.

Sincerely,

Dave Block
Licensing & Environmental Assessment Department
Transmission Planning & Design Division

Map(s) enclosed
cc. Mr. Wayne Redhead



P.O. Box 7950 Stn Main, 820 Taylor Avenue • Winnipeg Manitoba Canada • R3C 0J1
Telephone / N° de téléphone : (204) 360-7353 • Fax / N° de télécopieur : (204) 360-3734
dblock@hydro.mb.ca

May 24, 2012

Chief Betsy Kennedy
War Lake First Nation
General Delivery
Ilford, MB
R0B 0S0

Dear Chief Kennedy:

Re: Keeyask Transmission Project (KTP)

Manitoba Hydro would like to meet with you to discuss the proposed Keeyask Transmission Project (KTP). The purpose of the meeting is to share information, answer questions and discuss any concerns that your community may have regarding the proposed project.

The KTP will transport electrical energy from the existing transmission system to the Keeyask Generating Station (GS) site for construction purposes then from the proposed Keeyask GS into the Manitoba Hydro northern collector and transmission system. The anticipated completion date for the project is early 2020.

A representative from Manitoba Hydro will be in contact with you in the near future to coordinate a meeting. In the interim, if you require any further information, please contact me at (204) 360-7353.

We look forward to meeting with you and receiving further feedback from your community regarding the KTP.

Sincerely,

Dave Block
Licensing & Environmental Assessment Department
Transmission Planning & Design Division

Map(s) enclosed



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dblock@hydro.mb.ca

June 14, 2012

President Chartrand
Manitoba Métis Federation
300-150 Henry Avenue
Winnipeg, Manitoba
R3B 0J7

Dear President Chartrand:

Re: Keeyask Transmission Project (KTP)

Manitoba Hydro would like to meet with you to discuss the proposed Keeyask Transmission Project (KTP). The purpose of the meeting is to share information, answer questions and discuss any concerns that the Manitoba Métis Federation may have regarding the proposed project.

The KTP will transport electrical energy from the existing transmission system to the Keeyask Generating Station (GS) site for construction purposes then from the proposed Keeyask GS into the Manitoba Hydro northern collector and transmission system. The anticipated completion date for the project is early 2020.

A representative from Manitoba Hydro will be in contact with you in the near future to coordinate a meeting. In the interim, if you require any further information, please contact me at (204) 360-7353.

We look forward to meeting with you and receiving further feedback from your community regarding the KTP.

Sincerely,

A handwritten signature in cursive script that reads 'Dave Block'.

Dave Block
Licensing & Environmental Assessment Department
Transmission Planning & Design Division

Cc: Marci Riel
Map(s) enclosed



P.O. Box 7950 Stn Main, 820 Taylor Avenue • Winnipeg Manitoba Canada • R3C 0J1
Telephone / N° de téléphone : (204) 360-7353 • Fax / N° de télécopieur : (204) 360-3734
dblock@hydro.mb.ca

July 20, 2012

Chief Louisa Constant
York Factory First Nation
General Delivery
York Landing, MB, R0B 2B0

Dear Chief Constant:

Re: Keeyask Transmission Project (KTP)

This letter is a follow up on the letter we sent on May 24, 2012. In May we proposed 3 alternative routes for the Keeyask Transmission Project. Based on new information, Manitoba Hydro has added a 4th alternative route to the site selection process, shown on the attached map. This new alternative follows the proposed construction power line, then the existing KN 36 transmission line right-of-way to Radisson Station.

Manitoba Hydro would like to meet with you to discuss the proposed Keeyask Transmission Project. The purpose of the meeting is to share information, answer questions and discuss any concerns that your community may have regarding the proposed project. We would also like to invite members of your community to a Public Open House at the Gillam Recreation Centre on August 2, 2012 from 4:30 -7:30pm.

A representative from Manitoba Hydro will be in contact with you in the near future to coordinate a meeting. In the interim, if you require any further information, please contact me at (204) 360-7353.

We look forward to meeting with you and receiving further feedback from your community regarding the Keeyask Transmission Project.

Sincerely,

A handwritten signature in black ink that reads 'Dave Block'.

Dave Block
Licensing & Environmental Assessment Department
Transmission Planning & Design Division



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July 20, 2012

Chief Betsy Kennedy
War Lake First Nation
General Delivery
Ilford, MB
R0B 0S0

Dear Chief Kennedy:

Re: Keeyask Transmission Project (KTP)

This letter is a follow up on the letter we sent on May 24, 2012. In May we proposed 3 alternative routes for the Keeyask Transmission Project. Based on new information, Manitoba Hydro has added a 4th alternative route to the site selection process, shown on the attached map. This new alternative follows the proposed construction power line, then the existing KN 36 transmission line right-of-way to Radisson Station.

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We look forward to meeting with you and receiving further feedback from your community regarding the Keeyask Transmission Project.

Sincerely,

A handwritten signature in cursive script that reads 'Dave Block'.

Dave Block
Licensing & Environmental Assessment Department
Transmission Planning & Design Division



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dblock@hydro.mb.ca

August 27, 2012

Tatastkweyak Cree Nation
Split Lake Resource Management Board
General Delivery
Split Lake, Manitoba R0B 1P0

Dear Tatastkweyak Cree Nation,

Re: Keeyask Transmission Project (KTP)

Manitoba Hydro is preparing an Environmental Assessment report for the proposed Keeyask Transmission Project (KTP). The KTP will transport electrical energy from the existing transmission system to the Keeyask Generating Station (GS) site for construction purposes then from the proposed Keeyask GS into the Manitoba Hydro northern collector and transmission system. The anticipated completion date for the project is early 2020.

Included is a map of the proposed transmission and construction power routes, provided for discussion, as well as a newsletter providing details of the project.

If you require further information, or would like discuss the project, please contact me at (204) 360-7353. We look forward to receiving feedback regarding the Keeyask Transmission Project.

Sincerely,

A handwritten signature in cursive script that reads 'David Block'.

Dave Block
Licensing & Environmental Assessment Department
Transmission Planning & Design Division

Map(s) enclosed



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dblock@hydro.mb.ca

August 27, 2012

Mr. Gordon Gage
Manitoba Lodge and Outfitters Association
250-1534 Gamble Place
Winnipeg, Manitoba R3T 1N6

Dear Mr. Gage,

Re: Keeyask Transmission Project (KTP)

Manitoba Hydro is preparing an Environmental Assessment report for the proposed Keeyask Transmission Project (KTP). The KTP will transport electrical energy from the existing transmission system to the Keeyask Generating Station (GS) site for construction purposes then from the proposed Keeyask GS into the Manitoba Hydro northern collector and transmission system. The anticipated completion date for the project is early 2020.

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If you require further information, or would like discuss the project, please contact me at (204) 360-7353. We look forward to receiving feedback regarding the Keeyask Transmission Project.

Sincerely,

A handwritten signature in cursive script that reads 'David Block'.

Dave Block
Licensing & Environmental Assessment Department
Transmission Planning & Design Division

Map(s) enclosed



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Telephone / N° de téléphone : (204) 360-7353 • Fax / N° de télécopieur : (204) 360-3734
dblock@hydro.mb.ca

August 27, 2012

Manitoba Trappers Association
11 Park Avenue
Lac Du Bonnet, Manitoba R0E 1A0

Dear Sir or Madam,

Re: Keyask Transmission Project (KTP)

Manitoba Hydro is preparing an Environmental Assessment report for the proposed Keyask Transmission Project (KTP). The KTP will transport electrical energy from the existing transmission system to the Keyask Generating Station (GS) site for construction purposes then from the proposed Keyask GS into the Manitoba Hydro northern collector and transmission system. The anticipated completion date for the project is early 2020.

Included is a map of the proposed transmission and construction power routes, provided for discussion, as well as a newsletter providing details of the project.

If you require further information, or would like discuss the project, please contact me at (204) 360-7353. We look forward to receiving feedback regarding the Keyask Transmission Project.

Sincerely,

A handwritten signature in black ink that reads 'Dave Block'.

Dave Block
Licensing & Environmental Assessment Department
Transmission Planning & Design Division

Map(s) enclosed



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Telephone / N° de téléphone : (204) 360-7353 • Fax / N° de télécopieur : (204) 360-3734
dblock@hydro.mb.ca

August 27, 2012

Mr. Ross Thompson
Beverly and Kaminaruk Caribou Management Board
PO Box 629
Stonewall, Manitoba R0C 2Z0

Dear Mr. Thompson,

Re: Keeyask Transmission Project (KTP)

Manitoba Hydro is preparing an Environmental Assessment report for the proposed Keeyask Transmission Project (KTP). The KTP will transport electrical energy from the existing transmission system to the Keeyask Generating Station (GS) site for construction purposes then from the proposed Keeyask GS into the Manitoba Hydro northern collector and transmission system. The anticipated completion date for the project is early 2020.

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Sincerely,

A handwritten signature in cursive script that reads 'Dave Block'.

Dave Block
Licensing & Environmental Assessment Department
Transmission Planning & Design Division

Map(s) enclosed

August 27, 2012

Mr. Will Gray
Gillam Snowmobile Club
Gillam, Manitoba R0B 0L0

Dear Mr. Gray,

Re: Keyask Transmission Project (KTP)

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Sincerely,



Dave Block
Licensing & Environmental Assessment Department
Transmission Planning & Design Division

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dblock@hydro.mb.ca

August 27, 2012

Mr. Andrew Glastetter
Hudson Bay Railway
PO BOX 2129, 728 Bignell Avenue
The Pas, Manitoba R9A 1L8

Dear Mr. Glastetter,

Re: Keeyask Transmission Project (KTP)

Manitoba Hydro is preparing an Environmental Assessment report for the proposed Keeyask Transmission Project (KTP). The KTP will transport electrical energy from the existing transmission system to the Keeyask Generating Station (GS) site for construction purposes then from the proposed Keeyask GS into the Manitoba Hydro northern collector and transmission system. The anticipated completion date for the project is early 2020.

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dblock@hydro.mb.ca

August 27, 2012

Ms. Kristine Koster
Manitoba EcoNetwork
3-303 Portage Avenue
Winnipeg, Manitoba R3B 2B4

Dear Ms. Koster,

Re: Keeyask Transmission Project (KTP)

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Sincerely,

A handwritten signature in cursive script that reads 'David Block'.

Dave Block
Licensing & Environmental Assessment Department
Transmission Planning & Design Division

Map(s) enclosed



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Telephone / N° de téléphone : (204) 360-7353 • Fax / N° de télécopieur : (204) 360-3734
dblock@hydro.mb.ca

August 27, 2012

Mr. Brian Barton
Manitoba Conservation
Box 28, 59 Elizabeth Drive
Thompson, Manitoba R8N 1X4

Dear Mr. Barton,

Re: Keeyask Transmission Project (KTP)

Manitoba Hydro is preparing an Environmental Assessment report for the proposed Keeyask Transmission Project (KTP). The KTP will transport electrical energy from the existing transmission system to the Keeyask Generating Station (GS) site for construction purposes then from the proposed Keeyask GS into the Manitoba Hydro northern collector and transmission system. The anticipated completion date for the project is early 2020.

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Sincerely,

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Dave Block
Licensing & Environmental Assessment Department
Transmission Planning & Design Division

Map(s) enclosed



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dblock@hydro.mb.ca

August 27, 2012

Mr. Don MacDonald
Manitoba Conservation
Box 28, 59 Elizabeth Drive
Thompson, Manitoba R8N 1X4

Dear Mr. MacDonald,

Re: Keeyask Transmission Project (KTP)

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Sincerely,

A handwritten signature in cursive script that reads 'David Block'.

Dave Block
Licensing & Environmental Assessment Department
Transmission Planning & Design Division

Map(s) enclosed



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Telephone / N° de téléphone : (204) 360-7353 • Fax / N° de télécopieur : (204) 360-3734
dblock@hydro.mb.ca

August 27, 2012

Mr. Daryll Hedman
Manitoba Conservation
Box 28, 59 Elizabeth Drive
Thompson, Manitoba R8N 1X4

Dear Mr. Hedman,

Re: Keeyask Transmission Project (KTP)

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If you require further information, or would like discuss the project, please contact me at (204) 360-7353. We look forward to receiving feedback regarding the Keeyask Transmission Project.

Sincerely,

A handwritten signature in cursive script that reads 'Dave Block'.

Dave Block
Licensing & Environmental Assessment Department
Transmission Planning & Design Division

Map(s) enclosed

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Project Timeline

Round 1

- Introduction to the Project.
- Describe the proposed Project and SSEA process.
- Present alternative route options and identify issues and concerns.
- Receive input on all the proposed routes to assist in the determination of the Preferred Route.
- Document what was heard.

Round 2

- Presentation of Preferred Route.
- Identify issues and concerns and discuss possible mitigation measures.
- Document what was heard.

Next Steps

- Submission of Environmental Assessment Report to Regulators.
- Receipt of licence.
- Construction.
- In-service date.

We are here.

We Want To Hear From You

You are invited to share your views and provide local knowledge to help determine a transmission line which will minimize impact to people and their environment.

We would like to hear from you. There are a number of ways you can participate in the review of this project and provide your input:

- Community Open Houses
- Comment sheets available at Open Houses
- Or contact us directly

Questions

David Block
Licensing and Environmental Assessment Dept.
Manitoba Hydro, P.O. Box 7950 Stn. Main
Winnipeg, MB R3C 0J1

Phone (collect): 204-360-7353
Fax: 204-360-3734
E-mail: dblock@hydro.mb.ca



Keeyask Transmission Project

Overview

Manitoba Hydro is proposing to develop the Keeyask Transmission Project which includes transmission lines for construction and operation of the Keeyask Generating Station. These lines will connect the Keeyask Generating Station to the Radisson Converter Station outside of the Town of Gillam.

The Construction Power component consists of one 138 kV AC line that taps off the existing Kelsey to Radisson (KN36) transmission line and one backup 138 kV AC line from Radisson Converter Station, both lines terminate at a new construction power station located north of the Keeyask Generating Station.

The Generation Outlet component consists of four 138 kV AC unit lines from the Keeyask Generating Station to a new switching station, from this new switching station three 138 kV AC lines connect to the Radisson Converter Station, one of which was the backup construction power line.

Site Selection and Environmental Assessment (SSEA)

The SSEA process involves selecting a transmission line route based on technical, ecological, social, and economic factors through a site selection process. An environmental assessment for the project will be conducted, and will involve:

- documenting the existing environment,
- identifying potential effects on the environment and people, as well as
- developing mitigation measures to avoid or reduce potential effects.

The environmental assessment, including the public engagement program, will be documented in an Environmental Assessment Report (EAR).

The SSEA process will assist Manitoba Hydro in determining a route with minimal impact on people and the environment



Project Facts

- Two – 138 kV AC Construction Power Transmission Lines (One Permanent and One Temporary)
- One – Construction Power Station
- Four – 138 kV AC Unit Transmission Lines from Keeyask GS to Switching Station
- One – Switching Station
- Three – 138 kV AC Generation Outlet Transmission Lines that connect the Switching Station to Radisson Converter Station.
- Environmental Assessment Report scheduled to be submitted October 2012
- Construction Winter 2013 to Summer 2019
- In Service Dates
Construction Power – Spring 2015
Generation Outlet – Fall 2019

Environmental Characterization is Currently Underway

Manitoba Hydro has begun collecting information that will contribute to the environmental assessment of the project. This information will help assess the potential effects of the project on the physical environment, terrestrial and aquatic environments, as well as heritage resources, land and resource use, and the socio-economic environment.

Manitoba Hydro is committed to seeking Aboriginal Traditional Knowledge as well as science-based knowledge for use in the assessment. Aboriginal Traditional Knowledge will provide important perspectives on the environmental and socio-economic implications of developing and operating the proposed project. This will enhance the environmental assessment leading to improved mitigation and project benefits.

Public Engagement Process

Engaging with communities, stakeholders landowners and the public is a very important part of the planning process for identifying a line route for the project.

Input will be sought from:

- First Nations and Metis,
- community representatives,
- government/non-government agencies, and
- general public.

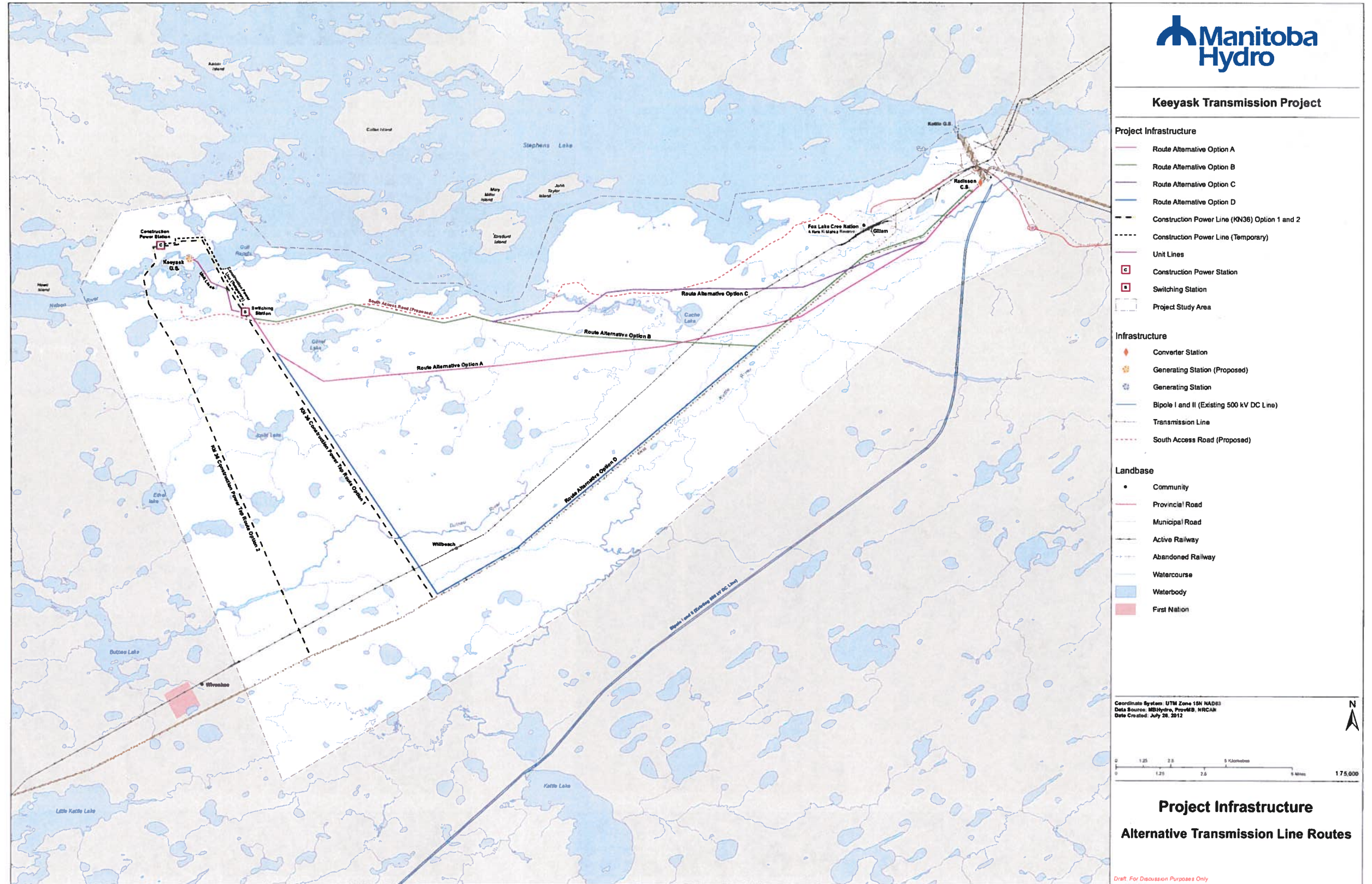
The intent of the first round will be to introduce the Project, including a description of the proposed alternative routes and to gather local knowledge to assist in the selection of a preferred route.

Information obtained during these consultations will assist in the identification of a preferred route that is a balance of technical, biophysical, financial and socio-economic considerations.

Alternative Routes

The adjacent map identifies the study area and alternative routes that are presently being considered.

Alternative routes on the adjacent map have been selected as a starting point for the public engagement process. These routes are based on input from local aboriginal communities, government and through identifying known land uses, existing infrastructure, sensitive heritage, wildlife and plant areas, while respecting technical and cost considerations.



Keeyask Transmission Project

Project Infrastructure

- Route Alternative Option A
- Route Alternative Option B
- Route Alternative Option C
- Route Alternative Option D
- Construction Power Line (KN36) Option 1 and 2
- Construction Power Line (Temporary)
- Unit Lines
- C Construction Power Station
- S Switching Station
- Project Study Area

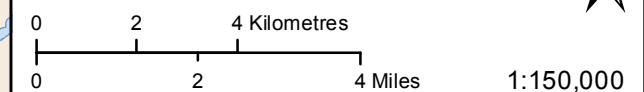
Infrastructure

- ◆ Converter Station
- ⊙ Generating Station (Proposed)
- ⊙ Generating Station
- Bipole I and II (Existing 500 kV DC Line)
- Transmission Line
- South Access Road (Proposed)

Landbase

- Community
- Provincial Road
- Municipal Road
- +— Active Railway
- - - Abandoned Railway
- Watercourse
- Waterbody
- First Nation

Coordinate System: UTM Zone 15N NAD83
 Data Source: MBHydro, ProvMB, NRCAN
 Date Created: July 20, 2012



Project Infrastructure Alternative Transmission Line Routes

Draft: For Discussion Purposes Only

File Location: G:\GIS_Projects\Folder00_Hydro\11420007_Keeyask\outlet_Transmission\ArcMap\Technical\Reports\Amphibians\KTP_TECHREP_Map1-1\Proposed\ProjectInfrastructure\AlternativeRoutes_B_150K_20120723.mxd

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P.O. Box 7950 Stn Main, 820 Taylor Avenue • Winnipeg Manitoba Canada • R3C 0J1
Telephone / N° de téléphone : (204) 360-3119 • Fax / N° de télécopieur : (204) 360-3734
jmatthewson@hydro.mb.ca

September 11, 2012

Chief Duke Beardy
Tataskweyak Cree Nation
Split Lake, MB R0B 1P0

Dear Chief Beardy:

Re: Keeyask Transmission Project (KTP)

Manitoba Hydro has selected the preferred sites and routes for the components of the Keeyask Transmission Project. Manitoba Hydro appreciates the time and commitment of Tataskweyak Cree Nation in assisting Manitoba Hydro in the site selection process. The preferred sites and routes for the Keeyask Transmission Project are shown on the attached map and are the result of information gathered through public consultation, workshops, biophysical evaluation using field studies, and Aboriginal Traditional Knowledge.

Factors included in the selection of the preferred sites and routes include, but are not limited to:

- Crosses fewest water crossings;
- Follows existing or proposed infrastructure;
- Reduces new access opportunities;
- Shortest overall length of routes presented;
- Fewer rare, uncommon and cultural plants;
- Minimizes effects on caribou;
- Cost considerations; and
- Separation of construction power and backup sources

While the site selection process is the primary means of mitigation to reduce effects on the environment and surrounding communities, Manitoba Hydro is committed to working with affected communities to develop monitoring and mitigation measures to further understand and minimize effects of the project.

If you have any questions about this process, please contact me at 204-360-3119, or jmatthewson@hydro.mb.ca.

Sincerely,

A handwritten signature in blue ink, appearing to read "J. Matthewson". The signature is fluid and cursive, with a long horizontal stroke extending to the right.

James Matthewson
Licensing & Environmental Assessment Department,
Transmission Planning and Design
Manitoba Hydro

September 11, 2012

Chief Walter Spence
Fox Lake Cree Nation
P.O. Box 369
Gillam, MB R0B 0L0

Dear Chief Spence:

Re: Keeyask Transmission Project (KTP)

Manitoba Hydro has selected the preferred sites and routes for the components of the Keeyask Transmission Project. Manitoba Hydro appreciates the time and commitment of Fox Lake Cree Nation in assisting Manitoba Hydro in the site selection process. The preferred sites and routes for the Keeyask Transmission Project are shown on the attached map and are the result of information gathered through public consultation, workshops, biophysical evaluation using field studies, and Aboriginal Traditional Knowledge.

Factors included in the selection of the preferred sites and routes include, but are not limited to:

- Crosses fewest water crossings;
- Follows existing or proposed infrastructure;
- Reduces new access opportunities;
- Shortest overall length of routes presented;
- Fewer rare, uncommon and cultural plants;
- Minimizes effects on caribou;
- Cost considerations; and
- Separation of construction power and backup sources

While the site selection process is the primary means of mitigation to reduce effects on the environment and surrounding communities, Manitoba Hydro is committed to working with Fox Lake Cree Nation Kitayatisuk and Harvester Group to develop monitoring and mitigation measures to further understand and minimize effects of the project.

I have great respect for the Fox Lake Cree Nation Kitayatisuk and Harvester Group and will be preparing a letter thanking them for their sharing of knowledge and time with me. I believe the group has much wisdom to share and working together in developing mitigation, incorporating Aboriginal Traditional Knowledge and their participation in monitoring will be invaluable to the project.

If you have any further questions about this process, please contact me at by phone at 204-360-3119, or by email at jmatthewson@hydro.mb.ca.

Sincerely,

A handwritten signature in blue ink, appearing to read 'J. Matthewson', with a long horizontal flourish extending to the right.

James Matthewson
Licensing & Environmental Assessment Department,
Transmission Planning and Design
Manitoba Hydro

September 11, 2012

Chief Louisa Constant
York Factory First Nation
General Delivery
York Landing, MB, R0B 2B0

Dear Chief Constant:

Re: Keeyask Transmission Project (KTP)

Manitoba Hydro has selected the preferred sites and routes for the components of the Keeyask Transmission Project. Manitoba Hydro would like the opportunity to discuss the project with York Factory First Nation if the community is interested. The preferred sites and routes for the Keeyask Transmission Project are shown on the attached map and are the result of information gathered through public consultation, workshops, biophysical evaluation using field studies, and Aboriginal Traditional Knowledge.

Factors included in the selection of the preferred sites and routes include, but are not limited to:

- Crosses fewest water crossings;
- Follows existing or proposed infrastructure;
- Reduces new access opportunities;
- Shortest overall length of routes presented;
- Fewer rare, uncommon and cultural plants;
- Minimizes effects on caribou;
- Cost considerations; and
- Separation of construction power and backup sources

While the site selection process is the primary means of mitigation to reduce effects on the environment and surrounding communities, Manitoba Hydro is committed to working with affected communities to develop monitoring and mitigation measures to further understand and minimize effects of the project.

If you have any further questions about this process, please contact me at by phone at 204-360-3119, or by email at jmatthewson@hydro.mb.ca.

Sincerely,

A handwritten signature in blue ink, appearing to read 'J. Matthewson', with a long horizontal flourish extending to the right.

James Matthewson
Licensing & Environmental Assessment Department,
Transmission Planning and Design
Manitoba Hydro

September 11, 2012

Chief Betsy Kennedy
War Lake First Nation
General Delivery
Ilford, MB R0B 0S0

Dear Chief Kennedy:

Re: Keeyask Transmission Project (KTP)

Manitoba Hydro has selected the preferred sites and routes for the components of the Keeyask Transmission Project. Manitoba Hydro appreciates the time and commitment of War Lake First Nation in assisting Manitoba Hydro in the site selection process. The preferred sites and routes for the Keeyask Transmission Project are shown on the attached map and are the result of information gathered through public consultation, workshops, biophysical evaluation using field studies, and Aboriginal Traditional Knowledge.

Factors included in the selection of the preferred sites and routes include, but are not limited to:

- Crosses fewest water crossings;
- Follows existing or proposed infrastructure;
- Reduces new access opportunities;
- Shortest overall length of routes presented;
- Fewer rare, uncommon and cultural plants;
- Minimizes effects on caribou;
- Cost considerations; and
- Separation of construction power and backup sources.

While the site selection process is the primary means of mitigation to reduce effects on the environment and surrounding communities, Manitoba Hydro is committed to working with affected communities to develop monitoring and mitigation measures to further understand and minimize effects of the project.

If you have any further questions about this process, please contact me at by phone at 204-360-3119, or by email at jmatthewson@hydro.mb.ca.

Sincerely,

A handwritten signature in blue ink, appearing to read "J. Matthewson". The signature is fluid and cursive, with a long horizontal stroke extending to the right.

James Matthewson
Licensing & Environmental Assessment Department,
Transmission Planning and Design
Manitoba Hydro

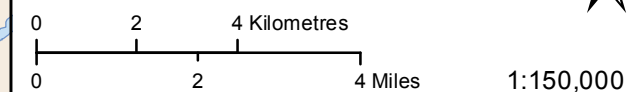
Keeyask Transmission Project

- Preferred Project Infrastructure**
- Generation Outlet Transmission Lines (200m ROW)
 - Construction Power Line (KN36) (60m ROW)
 - Construction Power Line (Temporary) (60m ROW)
 - Unit Lines (265m ROW)
 - C Construction Power Station
 - S Switching Station
 - Project Study Area

- Infrastructure**
- ◆ Converter Station
 - ⊙ Generating Station (Proposed)
 - ⊙ Generating Station
 - Bipole I and II (Existing 500 kV DC Line)
 - Transmission Line
 - South Access Road (Proposed)

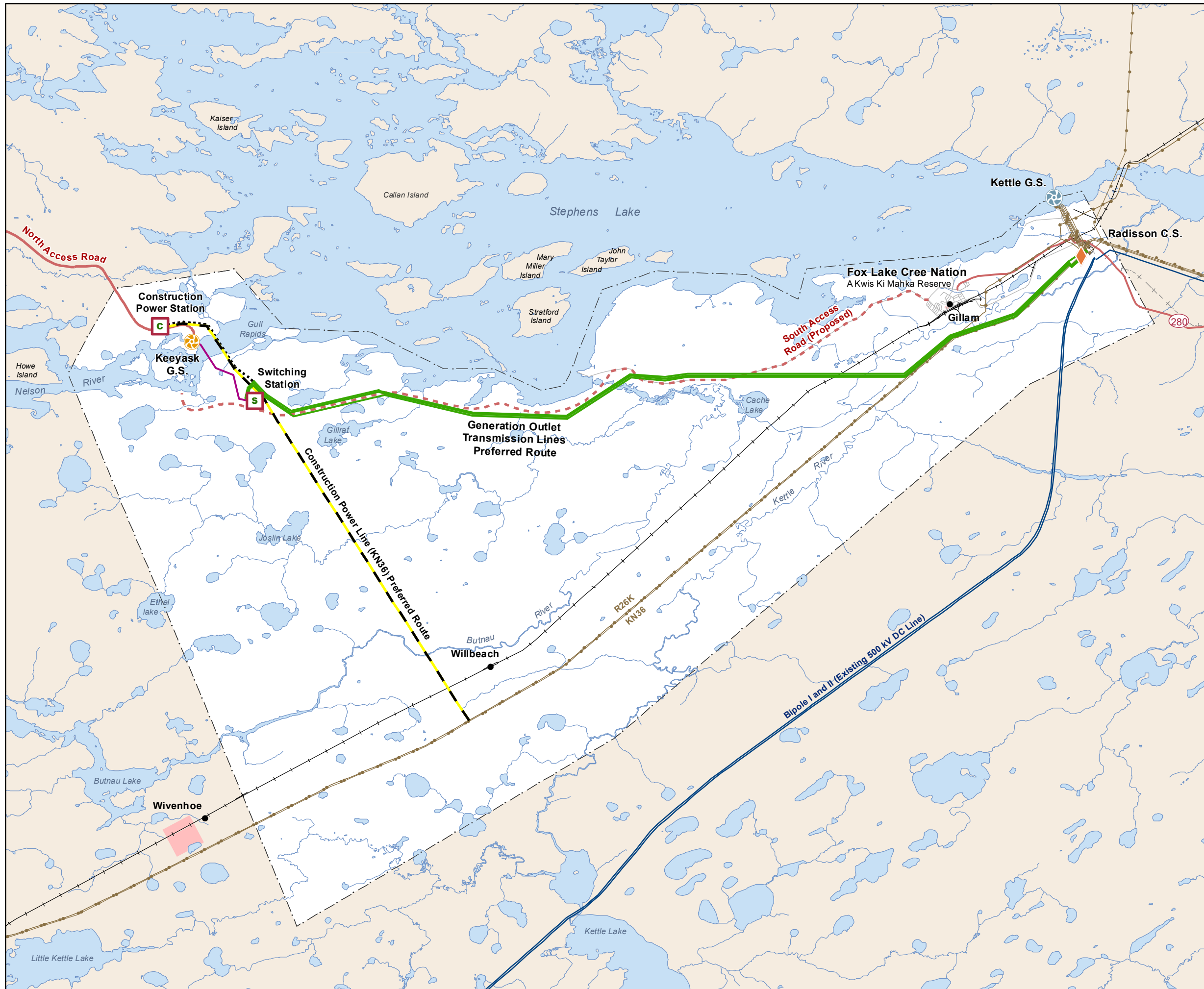
- Landbase**
- Community
 - Provincial Road
 - Municipal Road
 - +— Active Railway
 - - - Abandoned Railway
 - Watercourse
 - Waterbody
 - First Nation

Coordinate System: UTM Zone 15N NAD83
 Data Source: MBHydro, ProvMB, NRCAN
 Date Created: September 11, 2012



Preferred Routes and Sites

Draft: For Discussion Purposes Only



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PUBLIC INVOLVEMENT ISSUES SUMMARY TABLE

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An issue summary table was prepared based on questions and comments noted during meetings, workshops, public open houses and Aboriginal Traditional Knowledge studies. The table summarizes questions, comments and concerns, provides Manitoba Hydro's response to these questions, comments and concerns and provides references to where additional information can be found in the Environmental Assessment Report.

Appendix D, Table 1: Keyask Transmission Project Public Involvement Issues Summary Table

TOPIC	RESPONSE
Project Description	
A question was raised about why a double circuit or larger voltage line could not be used for the Generation Outlet Transmission Lines.	The recommended scheme (3x 138kV lines, single circuit) is based on a technical requirement to provide firm outlet transmission for Keyask. Even if they increased the voltage to a higher level, e.g., 230 kV, three lines would still be required. The use of a double circuit tower design (two lines on one tower plus a single tower line) is not possible due to soil conditions in the Keyask area. Keyask outlet lines are only feasible with guyed structures. Further information is available in Chapter 2 of the Environmental Assessment Report.
A question was raised about why the right-of-way has to be so wide, particularly when a lot of maintenance work is done by helicopter.	Clearing requirements are driven by technical requirements including the types of towers and requirements for guy wires. Further information is available in Chapter 2 of the Environmental Assessment Report.
A question was raised about whether there would be any effects on the transmission towers from climate change due to melting of permafrost.	Manitoba Hydro noted this is one of the reasons for the guyed wires. The environmental protection plans will also include measures to reduce permafrost melt caused by the Project such as minimizing clearing. Refer to Chapter 2 and Chapter 8 of the Environmental Assessment Report for more information.
Route Selection Process	
TCN requested that Generation Outlet Transmission Line Route B should be modified so that it remains on the south side of the access road until it intersects with the Construction Power Line.	The route alteration requested by TCN was incorporated into the preferred route for the Generation Outlet Transmission Lines. Refer to Section 6.2 of the Environmental Assessment Report for more information.
FLCN Members requested an additional route for the Generation Outlet Transmission Lines be considered which would follow the existing KN36 transmission line right-of-way.	Generation Outlet Transmission Line Route Option D was added to the evaluation of alternatives for the Generation Outlet Transmission Lines. Refer to Section 6.1 of the Environmental Assessment Report for more information.
Participants generally indicated a preference for routes that parallel other existing or future linear features.	These comments were considered as part of the route selection process. The preferred route for the Generation Outlet Transmission Lines follows existing or future infrastructure rights-of-way for much of the route. Refer to Sections 6.1 and 6.2 of the Environmental Assessment Report for more information.

Appendix D, Table 1: Keeyask Transmission Project Public Involvement Issues Summary Table

TOPIC	RESPONSE
Participants asked how feedback from the public was considered in the route selection process.	Manitoba Hydro's site selection process considers the need to balance a variety of environmental, technical and social concerns. The evaluation of these different factors in selecting preferred sites and routes is described in Chapter 6 of the Environmental Assessment Report.
Public Involvement Process	
Participants at open houses generally indicated they appreciated the opportunity to be provided with project information and to share ideas in the planning process.	No response required.
Some participants asked how much weight Manitoba Hydro places on preferences of local residents when choosing routes for transmission lines.	Manitoba Hydro's site selection process considers the need to balance a variety of environmental, technical and social concerns. The evaluation of these different factors in selecting preferred sites and routes is described in Chapter 6 of the Environmental Assessment Report.
Participants asked how Aboriginal Traditional Knowledge was incorporated into the Site Selection and Environmental Assessment process.	Aboriginal Traditional Knowledge was collected through studies and workshops conducted with First Nations. In addition, ongoing work is planned with Fox Lake Cree Nation and the Manitoba Metis Federation. Aboriginal Traditional Knowledge was incorporated into both the site selection process and the environmental assessment for the Project. Refer to Chapters 6 and 7 in the Environmental Assessment Report for more information.
Potential Effects on Habitat, Wildlife and Resource Use	
PIP participants expressed concerns about the potential for habitat fragmentation caused by the Project in the Project Study Area.	The preferred route for the Generation Outlet Transmission Lines is close in proximity to the existing KN36 and R26K transmission lines and the future Keeyask south access road in order to limit fragmentation and minimize disturbance to resource use areas. Refer to Section 6.2 of the Environmental Assessment Report.
Some participants expressed concerns that rights-of-way might affect animal movement or leave them more susceptible to hunting and predation.	Vegetation buffers will be established on rights-of-way as practicable to reduce sight lines. Low vegetation cover along rights-of-way will be maintained where practical to provide some habitat and cover. Refer to Chapter 7 of the Environmental Assessment Report for more information.
Questions were raised about erosion and sedimentation and effects on water quality related to clearing.	Mitigation measures will be implemented to reduce and control erosion including restoration of areas disturbed during construction that are not used during operations and restricting clearing activities to the minimum area practical for infrastructure development. Refer to Chapter 7 of the Environmental Assessment Report for more information.

Appendix D, Table 1: Keyask Transmission Project Public Involvement Issues Summary Table

TOPIC	RESPONSE
PIP participants expressed concern about potential effects of disturbance during construction on moose and other wildlife.	Studies have shown that moose do not easily abandon suitable areas and often return once the disturbance ends. Refer to Chapter 7 of the Environmental Assessment Report for more information.
PIP participants expressed concerns about the potential for loss of important plants and berries.	Potential effects of the Project on ecosystem diversity and priority plants were considered in the environmental assessment. Following mitigation, residual effects of the Project are not expected to be significant. More information is available in Chapter 7 of the Environmental Assessment Report.
<p>Participants expressed concerns that the Project would inhibit the ability to practice culturally important resource use activities (hunting, trapping, fishing, harvesting).</p> <p>Some participants noted concerns about adding another Project to an already fragmented area. Participants noted the cultural importance of the area.</p>	The preferred routes and sites for project infrastructure were chosen to minimize potential effects to domestic and commercial resource use. Manitoba Hydro will also work with First Nations to organize a site ceremony for the Project to recognize the cultural and spiritual importance of the area. More information is available in Section 6.2 and Chapter 7 of the Environmental Assessment Report.
Concerns were noted with respect to loss of income for trappers due to disturbance by the Project.	Registered trapline holders whose commercial trapping operations are affected by the Project will be compensated consistent with Manitoba Hydro's Trapper Notification and Compensation Policy for New Transmission Development. Compensation may include trap line improvements, employment opportunities, equipment replacement or monetary settlement. Refer to Chapter 7 of the Environmental Assessment Report for more information.
Potential Effects on Heritage Resources	
There was concern about the potential for the Project to disturb or damage sacred sites and burial sites, including sites that have not yet been discovered.	An Environmental Protection Plan will address concerns that heritage resources may be unearthed during construction activities. Refer to Chapter 7 of the Environmental Assessment Report for more information.

Appendix D, Table 1: Keyask Transmission Project Public Involvement Issues Summary Table

TOPIC	RESPONSE
Potential Effects on Access	
<p>Participants noted that transmission lines would provide opportunities for increased access for hunting and recreation. This was viewed both positively and negatively.</p>	<p>Mitigation measures to manage access include:</p> <ul style="list-style-type: none"> • Right-of-way access trails will be decommissioned, unless required for on-going maintenance, to minimize access-related effects from harvest and predation. • Manitoba Hydro will work with Manitoba Conservation to maintain previously developed access control and hunter related signage in order to prevent excessive hunting. • Where access is a concern, Manitoba Hydro will work directly with those concerned to prepare access management plans prior to construction. <p>More information is available in Chapter 7 of the Environmental Assessment Report.</p>
Potential Effects Related to Public Safety	
<p>Some participants stated that local residents would be affected by construction workers in the area. They noted that problems had arisen during previous hydroelectric projects from interactions between local residents and construction workers.</p>	<p>As a part of orientation for all workers at the main site, workers will be required to participate in cultural awareness training. This will provide an opportunity to describe local expectations for respectful behaviour by construction workers both on site and when visiting communities. Prior to construction, discussions will begin between Manitoba Hydro, the Town of Gillam, TCN and FLCN to determine the best mechanism for addressing worker interaction issues across all Manitoba Hydro proposed projects in the vicinity of Gillam.</p>
<p>Participants expressed concerns about safety related to guy wires and asked whether guy wires would be marked for snowmobilers to see.</p>	<p>Guy wire shields will be used to improve the visibility of guy wires for transmission lines and reduce the potential for accidents for snowmobilers and others travelling in the area. Refer to Chapter 7 of the Environmental Assessment Report for more information.</p>
<p>Participants asked whether Manitoba Hydro could provide education programs to youth about safety near electrical infrastructure.</p>	<p>Site fencing and access controls will be in place as appropriate for the Project. Providing general safety education is beyond the scope of the assessment for the Project.</p>

Appendix D, Table 1: Keyask Transmission Project Public Involvement Issues Summary Table

TOPIC	RESPONSE
Employment and Business	
Participants were interested in the types of employment opportunities that would be available with the Project.	Manitoba Hydro provided basic descriptions of the types of positions that would be available during construction of the Project at a public open house in Gillam. Further information on employment requirements of the Project is provided in Chapter 2 of the Environmental Assessment Report.
Questions were asked about job and business opportunities for local Aboriginal and Northern residents.	For work packages filled through direct-negotiation contracts, the ability to direct hire maximizes the likelihood of qualified Aboriginal residents being hired for a project-related job. Further information on Aboriginal and local resident hiring preferences and Manitoba Hydro’s Northern Purchasing Policy is provided in Chapter 7 of the Environmental Assessment Report.
Other Topics	
Questions were raised about the potential for increased pollution from construction activities.	<p>A life cycle analysis of greenhouse gas emissions resulting from the construction and operation of the Project was completed. The life cycle analysis indicated a net positive contribution to greenhouse gas emissions when considering the ability to displace greenhouse gas emissions through sale of surplus electricity. Refer to Chapter 7 of the Environmental Assessment Report for more information.</p> <p>Additional information on environmental protection is available in Chapter 8 of the Environmental Assessment Report.</p>
PIP participants expressed interest in understanding decommissioning plans.	Provisions exist for decommissioning of temporary infrastructure or facilities. These are described in Section 2.8 of the Environmental Assessment Report. Manitoba Hydro has no plans to decommission the Keeyask Transmission Project itself. If decommissioning is required at some future date it will be undertaken according to the legislative requirements, existing agreements and industry standards prevalent at the time.

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ROUND 1 OPEN HOUSE

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Open House Report

Round One Public Involvement Program for the proposed Keeyask Transmission Project

Location: Gillam Recreation Centre (Blue Room)

Date & time: August 2, 2012 (4:30 – 7:30 PM)

Advertising and Public Notices

- Advertisements were placed in the Nickel Belt News published on July 20, 2012 and July 27, 2012 (Attachment A).
- Notices (11 x 17 posters) were posted at several locations in Gillam, including the Recreation Centre, Town Hall, Shopping Centre, and Co-op (Attachment A).
- Notice posters were also forwarded to the Fox Lake Cree Nation.

Open House Materials

- 13 storyboards were placed on easels at the Recreation Centre. The storyboards included descriptions of the proposed project infrastructure; a map showing the project study area, 2 alternative routes for the Construction Power (CP) lines and the 4 alternative routes for the Generation Outlet Transmission (GOT) lines; and information on the site selection and environmental assessment process. (Attachment A).
- A newsletter was available for attendees to take with them. The newsletter contained a map and description of the proposed project infrastructure (Attachment A).
- 4 large maps showing the project study area and route options for the CP and GOT lines were placed on tables so that attendees could see the alternative routes more easily.
- Comment forms were available for attendees to record their comments on the route options and environmental assessment process. (Attachment A)
- ROW Tree Clearing Brochure
- Trappers Compensation Brochure
- Representatives from Manitoba Hydro and its environmental consultants were available to answer questions from attendees.

Questions and Comments from Attendees on Alternative Routes

Open House Report

Round One Public Involvement Program for the proposed Keeyask Transmission Project

Questions and comments were received from the attendees both through conversations with Manitoba Hydro representatives and the environmental consultants and through comment forms. A summary of comments and questions related to the alternative route options is provided below:

- Participants generally noted that constructing the GOT line along the existing KN-36 transmission line and the CP line (Option D) or along the proposed south access road (Options B or C) are the most practical alternatives since the land has already been cleared or will be cleared for the south access road or the CP line.
- Some participants noted all of the route options would cause disruptions to the land, natural habitat and wildlife. It was also felt that habitat disturbances would cause animals to relocate to undisturbed areas.
- Some participants noted GOT line Option A appears to require the most additional clearing. It was indicated this should be a reason to avoid using this route option.

Other Questions and Comments

- How many towers would be required and what would the towers look like?
- How wide would the right-of-way be?
- How many, and what types of jobs would be available related to the Project?
- Interest was expressed in how First Nations were being involved in the site selection and environmental assessment process.
- Some participants noted the area is already heavily disturbed by existing hydro development (dams and transmission lines).

Open House Report

Round One Public Involvement Program for the proposed Keeyask Transmission Project

ATTACHMENT A

OPEN HOUSE MATERIALS

Open House Report

Round One Public Involvement Program for the proposed Keeyask Transmission Project



Manitoba Hydro is proposing to develop the Keeyask Transmission Project which includes four 138kV transmission lines for construction and operation of the Keeyask Generating Station. These lines will connect the Keeyask Generating Station to the Radisson Converter Station outside of the Town of Gillam.

Round One of the Public Engagement Program has been planned to inform interested Manitobans about the Keeyask Transmission Project. Round One will offer an opportunity for the public to comment on the alternative routes being proposed for the Project.

For more information about the Public Engagement Program please contact David Block at 1-204-360-7353 or email dblock@hydro.mb.ca

Location:

Gillam, Manitoba

Venue:

Gillam Recreation Centre
Blue Room 2nd floor

Date:

Thursday, August 2, 2012

Time:

4:30 p.m. to 7:30 p.m.

All are welcome to attend.

Refreshments will be served.



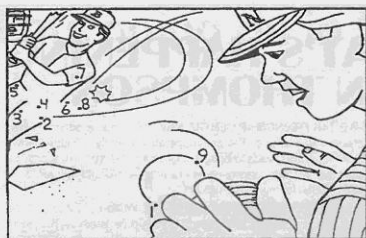
Open House Report

Round One Public Involvement Program for the proposed Keyask Transmission Project

Friday, July 27, 2012

Nickel Belt News • www.thompsoncitizen.net

Page 11



COMIN' ATCHA! Heads up, pitcher, step aside. To complete picture, draw straight lines from dot 1 to dot 2, 3, etc.

PERSONAL AD! "My name is Ben. I am lonely and would like to meet a plain, quiet girl named Annie. Object: matrimony." Any idea why this might be a good match?
Ben would be Ben-fitted and Annie would be Annie-mated.

SUM TOTALS! Sums of numbers in most magic number squares total the same horizontally, vertically and diagonally. Numbers of the magic square at right not only total the same — 78 — in those directions, but also total 78 in numerous other four-block combinations.

Just for fun, see if you can find at least 10 more four-block combos that total 78.

One set of four, for example, are four corner squares.

Magic Square: Corner squares (1); center foursome (2); mid-side sets of two (3); other foursomes (4); mid-side sets of two (5); etc.

40	10	20	8
7	21	9	41
12	42	6	18
19	5	43	11

Junior Whirl

by Hal Kaufman



SNAKES ALIVE EXERCISE

LET'S SEE how many of the following snakes you can find in the diagram at left:

Asp, boa, adder, cobra, mamba, krait, python, rattler, anaconda, copperhead.

Start anywhere, use the king's move as in chess, which is one square at a time in any direction — horizontally, vertically or diagonally. Individual letters may be used just once in each name.

See if you can find at least six of the 10 names listed within two minutes.

Remember, names are to be found by moving letter to letter in adjacent squares of the diagram.

Don't get rattled!

Out on a Limb

by Gary Kopervas



R.F.D.

by Mike Marland



Manitoba Water Power Application

On February 8, 2012, 5900345 Manitoba Ltd., the general partner on behalf of the Keyask Hydropower Limited Partnership (KHL), with its head office at 360 Portage Avenue, PO Box 815, Winnipeg, Manitoba, R3C 2P4, filed with the Assistant Deputy Minister, Water Stewardship Division, Department of Conservation and Water Stewardship an application for an Interim Water Power Licence under *The Water Power Act (Manitoba)* to permit the development of a hydroelectric generating station (GS). The KHL is comprised of general partner 5900345 Manitoba Ltd. and limited partners being Manitoba Hydro (MH), Cree Nation Partners Limited Partnership, York Factory First Nation Limited Partnership and Fox Lake Cree Nation Keyask Investments Limited.

The Keyask GS will be approximately 180 km (112 miles) east of Thompson, 60 km (37 miles) northeast of Split Lake, and 30 km (18.6 miles) west of Gillam. The Project will be located entirely within the Split Lake Resource Management Area. Water will be stored within a newly formed reservoir that will flood approximately 4500 hectares (11,120 acres) of provincial crown land and is predicted to expand by 700-800 hectares (1730-1980 acres) during the first 30 years of the project's operation. No privately owned land will be flooded.

An Environmental Impact Statement for the Keyask GS was filed on July 6, 2012.

The proposed Keyask GS is scheduled to start construction the summer of 2014 subject to regulatory licences and approvals. It will start generating power in 2019 and construction will be completed in 2022. The proposal provides for 695 MW (932,000 hp) of generation capacity and the energy produced will be sold to MH for inclusion in MH's Integrated Power System.

For more information about the Interim Water Power Licence Application, please contact Rob Matthews, Manager, Water Use Power Licensing Section at Manitoba Conservation and Water Stewardship, Box 16 - 200 Saulteaux Crescent, Winnipeg, Manitoba, R3J 3W3 or at 204.945.6118.

The Interim Water Power Licence Application is available at the following website: <http://www.gov.mb.ca/waterstewardship/licensing/keyask.html>

Written protests or objections regarding the application may be filed by any interested parties with Dwight Williamson, Assistant Deputy Minister, Water Stewardship Division at the above address on or before August 31, 2012.



An Invitation to Attend

Keyask Transmission Project: Round One - Proposed Alternative Routes

Manitoba Hydro is proposing to develop the Keyask Transmission Project which includes four 138kV transmission lines for construction and operation of the Keyask Generating Station. These lines will connect the Keyask Generating Station to the Radisson Converter Station outside of the Town of Gillam.

Round One of the Public Engagement Program has been planned to inform interested Manitobans about the Keyask Transmission Project. Round One will offer an opportunity for the public to comment on the alternative routes being proposed for the Project.

For more information about the Public Engagement Program please contact David Block at 1-204-360-7353 or email dblock@hydro.mb.ca

You are invited to attend an open house to learn about the project and contribute to the route selection process.

Gillam
Thursday, August 2, 2012
4:30 - 7:30 p.m.
Gillam Recreation Complex

All are welcome to attend.
Refreshments will be served.

Open House Report

Round One Public Involvement Program for the proposed Keyask Transmission Project

Project Timeline



We are here

We Want To Hear From You

You are invited to share your views and provide local knowledge to help determine a transmission line which will minimize impact to people and their environment. We would like to hear from you. There are a number of ways you can participate in the review of this project and provide your input:

- Community Open Houses
- Comment sheets available at Open Houses
- Or contact us directly

Questions

David Block
 Licensing and Environmental Assessment Dept.
 Manitoba Hydro, P.O. Box 7590 Stn. Main
 Winnipeg, MB R5C 0J1
 Phone (collect): 204-360-7353
 Fax: 204-360-3734
 E-mail: dblock@hydro.mb.ca



Keyask Transmission Project



Keyask Transmission Project

Overview

Manitoba Hydro is proposing to develop the Keyask Transmission Project which includes transmission lines for construction and operation of the Keyask Generating Station. These lines will connect the Keyask Generating Station to the Radisson Converter Station outside of the Town of Gillam. The Construction Power component consists of one 138 kV AC line that taps off the existing Kelsey to Radisson (KNSB) transmission line and one backup 138 kV AC line from Radisson Converter Station, both lines terminate at a new construction power station located north of the Keyask Generating Station. The Generation Outlet component consists of four 138 kV AC unit lines from the Keyask Generating Station to a new switching station, from this new switching station three 138 kV AC lines connect to the Radisson Converter Station, one of which was the backup construction power line.

Site Selection and Environmental Assessment (SSEA)

The SSEA process involves selecting a transmission line route based on technical, ecological, social, and economic factors through a site selection process. An environmental assessment for the project will be conducted, and will involve:

- documenting the existing environment,
- identifying potential effects on the environment and people, as well as
- developing mitigation measures to avoid or reduce potential effects.

The environmental assessment, including the public engagement program, will be documented in an Environmental Assessment Report (EAR). The SSEA process will assist Manitoba Hydro in determining a route with minimal impact on people and the environment.



Project Facts

- Two – 138 kV AC Construction Power Transmission Lines (One Permanent and One Temporary)
- One – Construction Power Station
- Four – 138 kV AC Unit Transmission Lines from Keyask GS to Switching Station
- One – Switching Station
- Three – 138 kV AC Generation Outlet Transmission Lines that connect the Switching Station to Radisson Converter Station
- Environmental Assessment Report scheduled to be submitted October 2012
- Construction Winter 2013 to Summer 2019
- In-Service Dates
- Construction Power – Spring 2015
- Generation Outlet – Fall 2019



Open House Report

Round One Public Involvement Program for the proposed Keyask Transmission Project

Environmental Characterization is Currently Underway

Manitoba Hydro has begun collecting information that will contribute to the environmental assessment of the project. This information will help assess the potential effects of the project on the physical environment, terrestrial and aquatic environments, as well as heritage resources, land and resource use, and the socio-economic environment.

Manitoba Hydro is committed to seeking Aboriginal Traditional Knowledge as well as science-based knowledge for use in the assessment. Aboriginal Traditional Knowledge will provide important perspectives on the environmental and socio-economic implications of developing and operating the proposed project. This will enhance the environmental assessment, leading to improved mitigation and project benefits.

Public Engagement Process

Engaging with communities, stakeholders, landowners and the public is a very important part of the planning process for identifying a line route for the project.

- Input will be sought from:
- First Nations and Métis;
 - community representatives;
 - government/non-government agencies; and
 - general public.

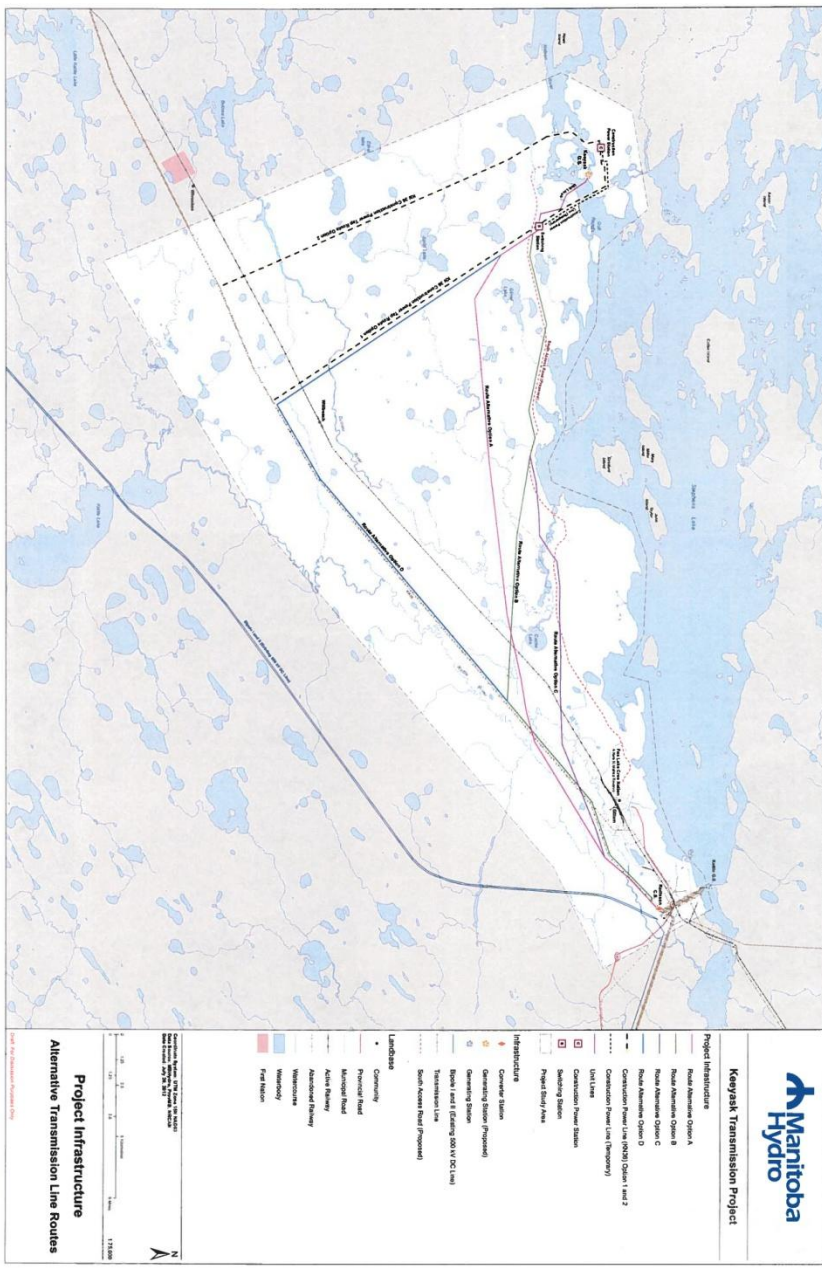
The intent of the first round will be to introduce the Project, including a description of the proposed alternative routes and to gather local knowledge to assist in the selection of a preferred route.

Information obtained during these consultations will assist in the identification of a preferred route that is a balance of technical, biophysical, financial and socio-economic considerations.

Alternative Routes

The adjacent map identifies the study area and alternative routes that are presently being considered.

Alternative routes on the adjacent map have been selected as a starting point for the public engagement process. These routes are based on input from local aboriginal communities, government and through identifying known land uses, existing infrastructure, sensitive heritage, wildlife and plant areas, while respecting technical and cost considerations.



Open House Report

Round One Public Involvement Program for the proposed Keeyask Transmission Project

Comment Form

Round One Public Involvement Program for the proposed Keeyask Transmission Project

Please take this opportunity to fill-out this brief questionnaire based on the information provided at this event and speaking with the Study Team regarding the proposed Keeyask Transmission Project. Please leave the completed comment form with one of the project representatives.

1. Overall, was this information session helpful in providing you with a general understanding of the project and route alternatives being considered?

Yes No

If no, what additional information would be helpful?

2. After reviewing the information boards and speaking with Study Team members, what concerns/issues do you have about the proposed Project (please describe)?

3. Do you have any suggestions on how your comments or concerns could be addressed?

4. Manitoba Hydro has identified several alternative routes for the proposed Generation Outlet Transmission lines. Do you feel that these are practical routes to consider? If so, why? If not, why not?

5. Do you believe there are any potential impacts associated with any of these alternative routes?

Route A:

Route B:



Open House Report

Round One Public Involvement Program for the proposed Keeyask Transmission Project

Route C:

Route D:

6. Local knowledge can help to minimize potential project impacts. Are there any potential project impacts, other than those identified at this Open House that should be investigated?

7. Do you have any suggestions on how we could improve the Public Involvement Program?

8. Additional comments

Optional information

Name _____
Address _____
Email Address _____
Telephone _____

Thank you for taking the time to complete the comment form. Your interest and participation are very important to the Environmental Assessment process.

For further information about the proposed Keeyask Transmission Project, please contact **David Block** at (204) 360-7353 or email: dblock@hydro.mb.ca



Open House Report

Round One Public Involvement Program for the proposed Keyask Transmission Project



When and How Does Vegetation Management Occur?

Safety - Electricity can be deadly, that's why only qualified line personnel may perform work near energized conductors. Landowners should never attempt to trim or remove tree limbs near or adjacent to any power lines. If you're concerned about a tree that appears to be too close to a power line, please contact us at 1-888-624-9376

Tree Removal - In our efforts to comply with international regulation and to better ensure reliability, our Transmission Line Vegetation Management Program emphasizes tree removal to promote effective long-term control. In many cases, this means removing trees in areas where trees have only been trimmed in the past.

Vegetation Clearing - Manual and mechanized clearing methods are used when the vegetation has become too tall for herbicide applications.

Herbicide Application - Herbicides are applied to control the root systems of deciduous woody-stemmed vegetation and to reduce the cost of future maintenance, by reducing future workloads. All Herbicide use is reviewed and regulated by the Pesticide Section of the Environmental Assessment and Licensing Branch of Manitoba Conservation. The herbicides are applied by licensed applicators.

Debris Cleanup - Debris that results from our clearing activities is typically left on the rights-of-way to naturally decompose and return nutrients to the soil and reduce the possibility of soil erosion. Any brush that falls into roadways, waterways, fences, lawns or pastures or other maintained areas is collected and disposed of.

Danger Trees - "Danger Trees" are large trees growing along the edge of the right of way that are tall enough that if they fall, have the potential to hit the line. Not all "Danger Trees" are removed, but some are evaluated according to species, growth patterns, location, structural defects, disease and insect damage, and decay. A "Danger Tree" that shows defects according to these criteria is classified as a "Hazard Tree", which requires immediate removal.

The Manitoba Hydro Act



Section 24 of the Manitoba Hydro Act outlines the responsibility of Manitoba Hydro to trim and fell trees where they pose a risk to the public or equipment of the corporation or otherwise constitute a hazard.


For further details please refer to 'The Manitoba Hydro Act: www.welb2.gov.mb.ca/laws/

Transmission

RIGHT OF WAY

Tree Clearing & Maintenance



Open House Report

Round One Public Involvement Program for the proposed Keyask Transmission Project

Sometime soon, vegetation growing around the transmission powerline near your property will be receiving maintenance. This brochure addresses questions you may have about the work being done near your home.

Why manage vegetation?

North America demands a safe, reliable electric grid, and Manitoba Hydro's transmission lines are a significant contributor to this continental system. In Manitoba, almost 12,000 kilometers of transmission circuits help move electricity from hydro generating stations in northern Manitoba and on the Winnipeg River to customers in Manitoba and beyond.

Recognizing the need to safeguard the reliability of our transmission delivery system, and your electric service, our vegetation management program addresses the need to manage the growth of trees around our transmission facilities, while respecting the natural environment that surrounds them.

When vegetation comes in contact with or grows close enough to the conductors (wires) there is risk of electrical arcing or flashover. This can cause wide-spread power outages and/or fires. Vegetation control ensures the safety of the public, of private property, as well as reliable electrical service. Vegetation control is also necessary to maintain access to the right-of-way for both emergency and routine maintenance of the lines.

Federal Requirements

In August 2003, a major power outage struck southeastern Canada and northeastern United States. Investigators have determined that a tree that had come in contact with a transmission line was the root cause of the blackout.

As a result of that event, international standards, with substantial penalties for non-compliance, were created governing vegetation management practices for lines that are considered part of the international transmission grid. The North American Electric Reliability Corporation (NERC), with input from industry and other stakeholders, under the direction of the Federal Energy Regulatory Commission (FERC), developed standard, FAC-003. The standard mandates, among other requirements, a robust vegetation management program that ensures that the minimum clearance distance between transmission lines and the nearest vegetation are not violated.

To conform to this standard and better ensure the reliability of the transmission system, Manitoba Hydro's policy is to encourage compatible, low-growing species to remain. Although there is no guarantee, we do attempt to work with landowners to determine if trees and other vegetation deemed compatible with the safe operation of the line may remain.

Integrated Vegetation Management (IVM)

At Manitoba Hydro, Integrated Vegetation Management (IVM) involves a written management plan that utilizes best management practices endorsed by the North American Transmission Forum. Prior to vegetation management, rights of way are patrolled and management methods are selected. Methods are determined according to safety, health, environmental sensitivities, efficiency and cost. Methods of control include chainsaws, brush saws, mechanical mowing/mulching, herbicide applications, and land-use conversion. Herbicide applications are intended to selectively remove tall growing tree species, allowing low growing species to thrive. This early successional habitat has been proven as beneficial

to wildlife. If you are the type who spends time tending your lawn or garden, you know controlling weeds is a tough job. Imagine the problems Manitoba Hydro has with the brush and invasive weeds along our thousands of kilometers of transmission powerlines. Selectively controlling trees along powerlines and other rights-of-way helps keep the power on. It ensures safe and easy access for service and maintenance needs, and also preserves and even enhances the natural surroundings - including wildlife habitat - for all to enjoy.

Trimming and cutting while important in maintaining powerline rights-of-way often trade one problem for another: Cutting only removes plant tops (stems, branches and leaves) - the root systems remain intact. This promotes rapid resprouting and spreading of some species. Later, where one tree had grown, several more grow back. Herbicides, on the other hand, control the entire plant (including the roots). This eliminates the need for frequent mechanical treatments, like tree trimming and mowing. Herbicide applications mean less erosion, soil compaction and ruts caused by heavy machinery. In a 50-year ongoing study, Purdue University and Pennsylvania State University researchers have studied differences between selective herbicide use and mechanical methods on powerline rights-of-way. Results show that the selective use of herbicides enhance wildlife habitat by promoting grasses, forbes, low-growing shrubs and other ground cover that birds, moose, deer, small animals, bees and butterflies prefer.

If you have a question or concern about our transmission right of way vegetation management program, please contact us at **1-888-624-9376**.

Open House Report

Round One Public Involvement Program for the proposed Keyask Transmission Project



Our Environmental Management Policy

Manitoba Hydro is committed to protecting the environment. In full recognition of the fact that corporate facilities and activities affect the environment, Manitoba Hydro integrates environmentally responsible practices into its business. This includes considering the interests and utilizing the knowledge of our customers, employees, communities, and stakeholders who may be affected by our actions.



For more information:

For more information regarding Manitoba Hydro's Trappers notification and compensation programs for new transmission development, please contact:

Marc Wankling
Property Department
Manitoba Hydro at:
Ph. (204) 360-4462
Fax: (204) 360-6184
E-mail: mwankling@hydro.mb.ca

Diane Hatley
Community Relations Department
Manitoba Hydro at:
Ph. (204) 360-4414
Fax: (204) 360-6128
E-mail: dhatley@hydro.mb.ca



Trappers Notification/ Compensation Policy for New Transmission Development

At Manitoba Hydro, our job is to provide a steady and reliable supply of energy for the people of this province. At times, this responsibility requires us to design and build new facilities, such as transmission lines, to meet Manitoba's energy needs. With almost two-thirds of the province divided into registered trap lines it is almost certain that a trap line will be traversed when these new developments occur.



Manitoba Hydro recognizes that resource users, such as trappers, rely on wildlife for commercial and personal use and we are committed to considering the interests of all those who may be affected by our actions. We want to work with trappers at every stage of development to obtain information that will assist in assessing locations for future development and reducing project related effects. And, we want to ensure those trappers impacted by our developments are compensated. With these aims in mind, Manitoba Hydro developed two trapper related programs, the Notification Program and the Compensation Program.



Open House Report

Round One Public Involvement Program for the proposed Keyask Transmission Project



The Notification Program

The trappers notification program was developed to allow for input from local trappers during development stages of new major transmission projects.

Initial and Intermediate Notification

Manitoba Hydro will ensure that well in advance of any activity the users of any registered trap lines in the vicinity are made aware of the proposed development. When a preferred route or location has been selected, there will be two notifications that provide an opportunity to:

- Review project plans
- Record additional trapper information
- Discuss any trapper-related employment or business opportunity
- Explain the timing of the project activities on their trap line
- Discuss and finalize any settlement agreement.

Pre-construction Notification

Prior to construction activities, a fair and reasonable amount of compensation will be determined with eligible holders of registered trap lines. If acceptable to both parties, monetary settlements for the disturbance period will be offered to eligible trappers and a release agreement signed.

Participation

Manitoba Hydro may also ask for the assistance of trappers in gathering trapping related information for new transmission projects. That assistance may include the documentation of specific data and traditional knowledge regarding the trap lines in the vicinity of proposed development sites.

The Compensation Program

The trappers compensation program is intended to provide compensation to holders of registered trap lines whose lines are affected by the construction of transmission facilities that are 115 kilovolts or greater.

That compensation may include:

- Trap line improvements
- Employment opportunities
- Equipment replacement
- Monetary settlement

Trappers may be compensated for any damage during construction activities to equipment, buildings, and trails used for trapping.

Monetary settlement

In situations where there may be a reduction of trapping income due to activities related to transmission construction, Manitoba Hydro may provide settlement packages for the construction disturbance period only.

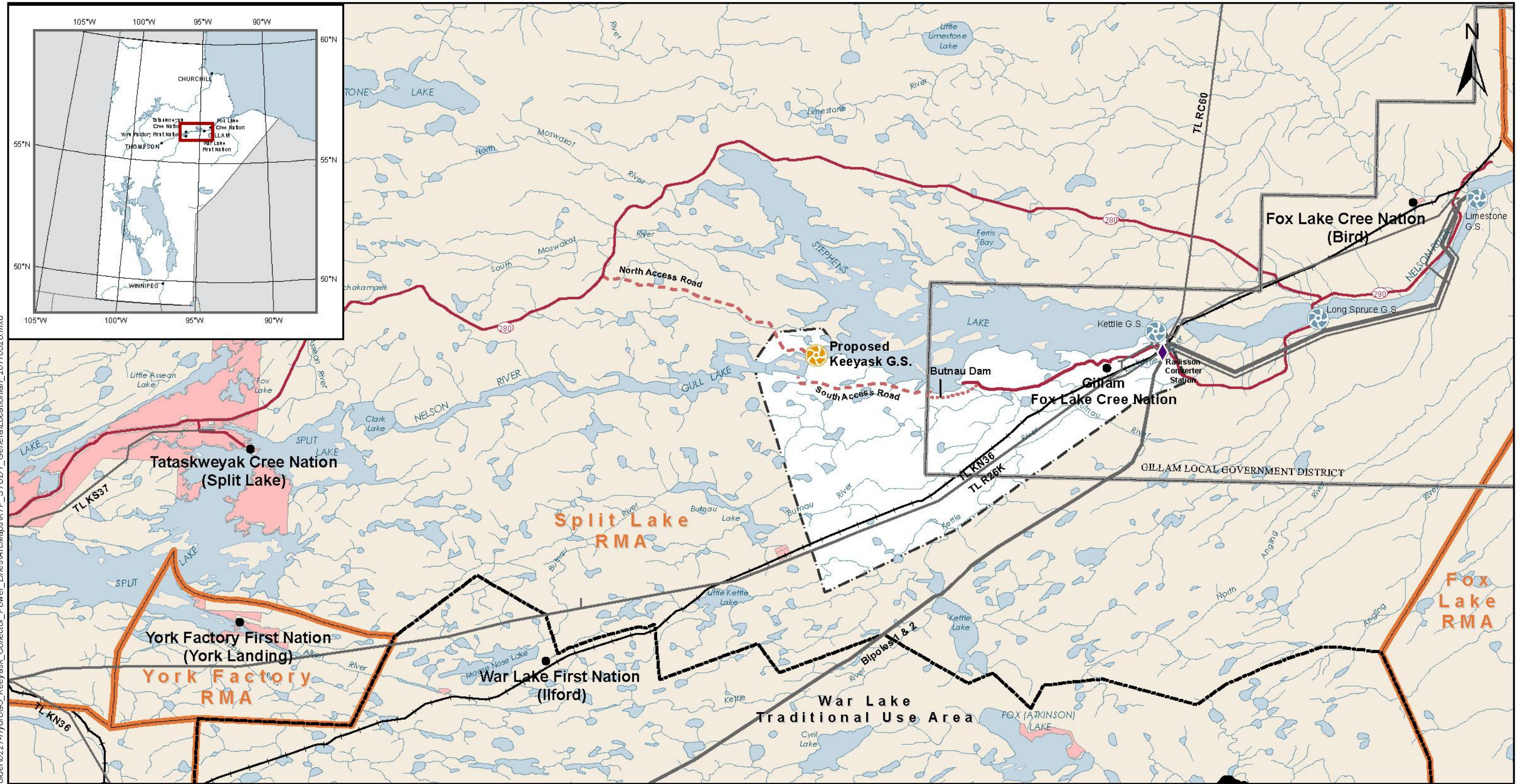
Settlement Agreement

Once an understanding on compensation is reached, including the basis for determining compensation amounts, holders of affected registered trap lines will be asked to sign a release agreement.



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Path: G:\GIS_Projects\Folder10224-Hydro193_Keeyask_Collector_Power_Lines\ArcMap\KTP_STUDY_GeneralLocationMap_20110526.mxd



	<p>Scale</p> <p>0 5 10 15 20 km</p> <p>0 5 10 mi</p>	<p>Projection: UTM NAD83, Zone 15N</p> <p>Data Source: Manitoba Hydro, Prov. of MB and Stantec</p>	<p>LEGEND</p> <ul style="list-style-type: none"> Potential G.S. Existing G.S. Converter Station Proposed Access Roads Roads Rail Transmission Line First Nation Reserve Gillam Local Government District RMA Boundary War Lake Traditional Area Transmission Power Study Area 	<p>Keyeyask Transmission Project Study Area</p>
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Keeyask Transmission Project

Project Infrastructure

- Route Alternative Option A
- Route Alternative Option B
- Route Alternative Option C
- Route Alternative Option D
- Construction Power Line (KN36) Option 1 and 2
- Construction Power Line (Temporary)
- Unit Lines
- C Construction Power Station
- S Switching Station
- Project Study Area

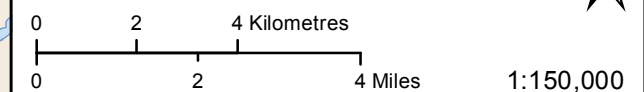
Infrastructure

- ◆ Converter Station
- ⊙ Generating Station (Proposed)
- ⊙ Generating Station
- Bipole I and II (Existing 500 kV DC Line)
- Transmission Line
- South Access Road (Proposed)

Landbase

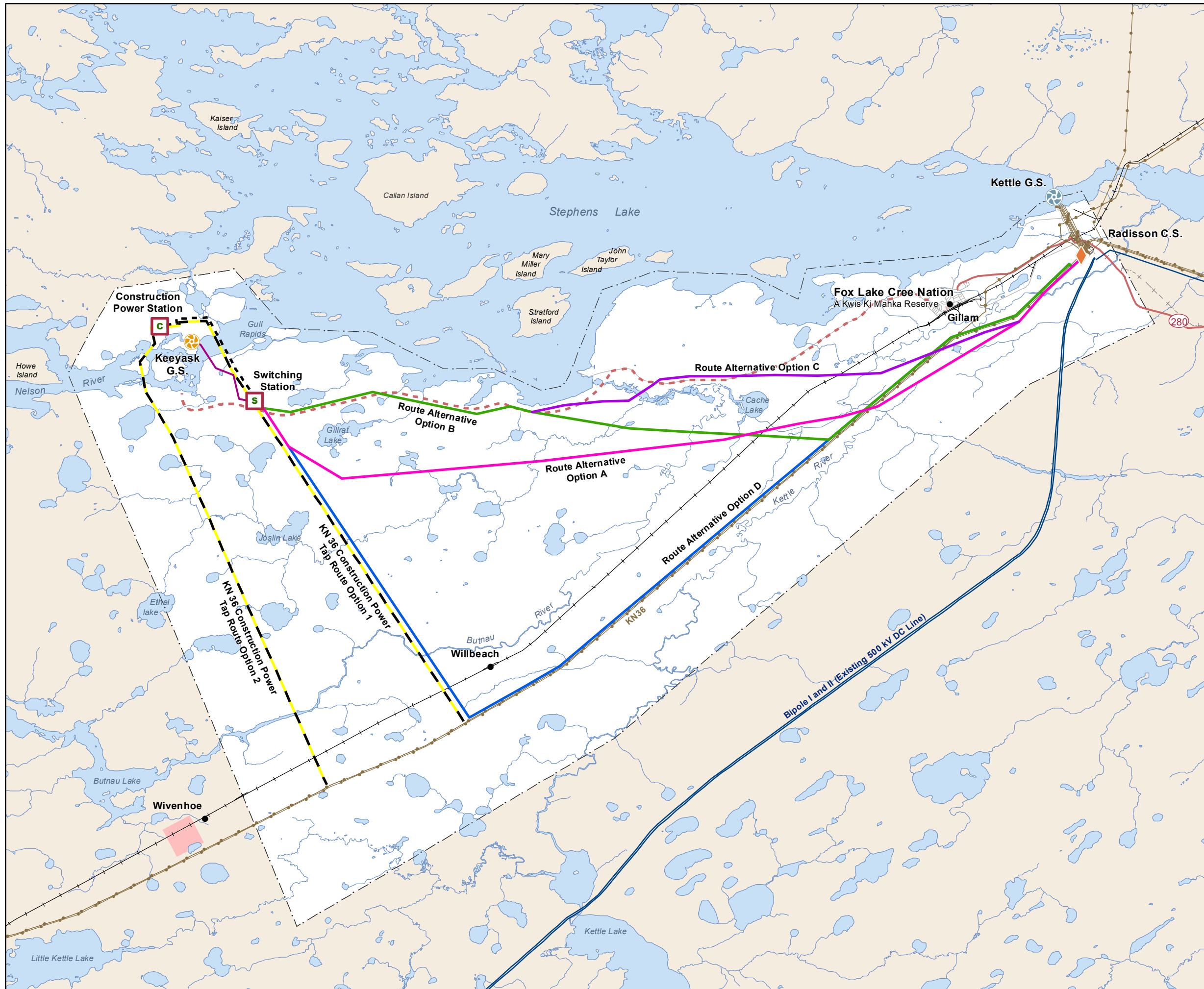
- Community
- Provincial Road
- Municipal Road
- Active Railway
- Abandoned Railway
- Watercourse
- Waterbody
- First Nation

Coordinate System: UTM Zone 15N NAD83
 Data Source: MBHydro, ProvMB, NRCAN
 Date Created: July 20, 2012



Project Infrastructure Alternative Transmission Line Routes

Draft: For Discussion Purposes Only



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Keeyask Transmission Project

Public Open House

WELCOME



Purpose of the Open House

To provide:

- Information on the project
- Information on the environmental assessment process
- An opportunity to discuss comments and concerns
- A venue to receive your input on alternative routes being considered



Manitoba Hydro Goals

- Keep the public informed of Manitoba Hydro activities in the region
- Provide timely and informative responses to questions and concerns
- Be open and transparent throughout the approval process
- Ensure local resident concerns are identified and considered throughout the process



Need and Purpose of the Project

Manitoba Hydro requires new transmission infrastructure and modifications to existing transmission infrastructure for the construction and operation of the Keeyask Generating Station



Project Description

Two - 138 kV Construction Power Transmission Lines (One Permanent and One Temporary)

One - Construction Power Station

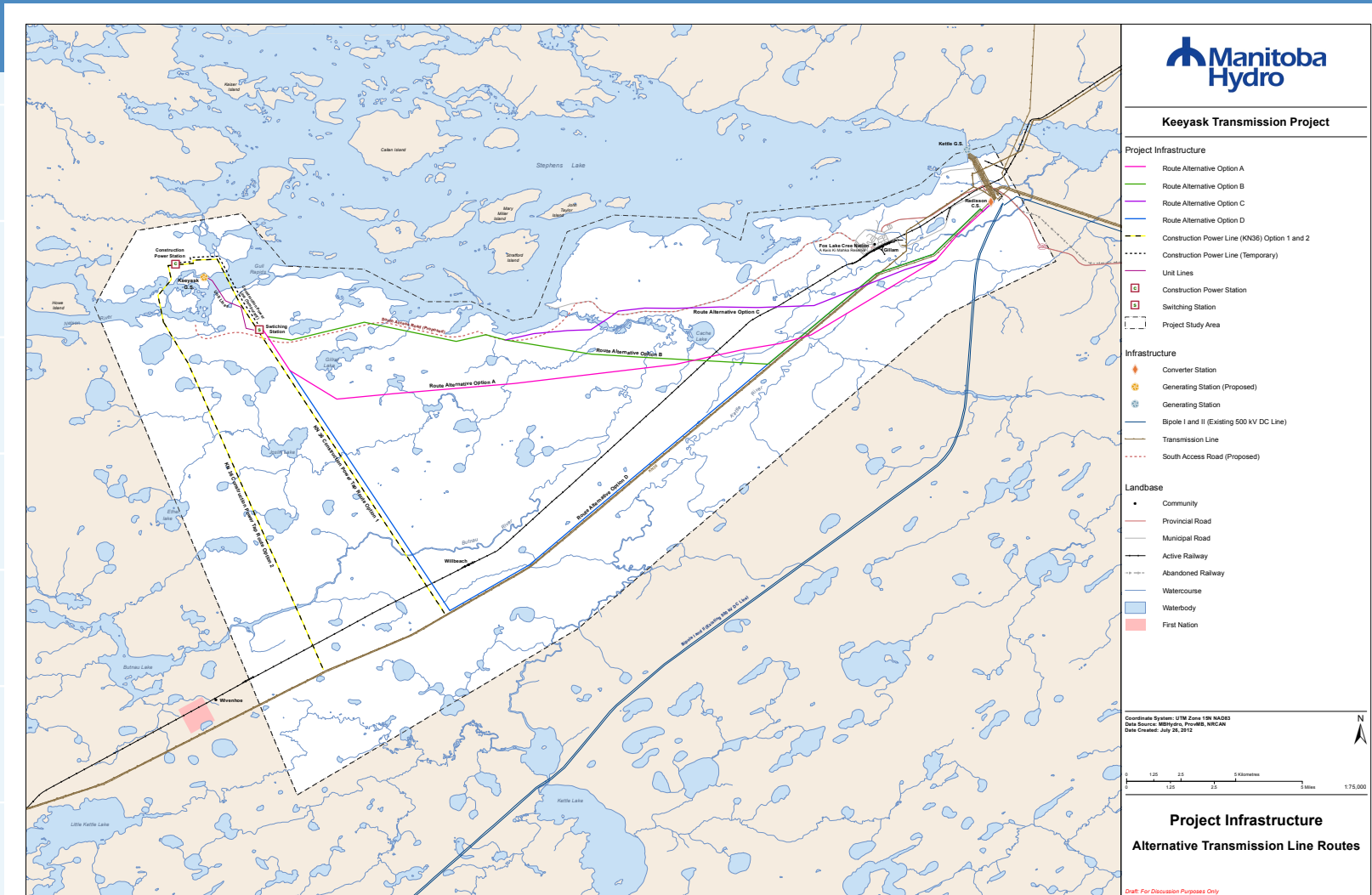
Four - 138 kV AC Collector Transmission Lines from Keeyask GS to Switching Station

One - Switching Station

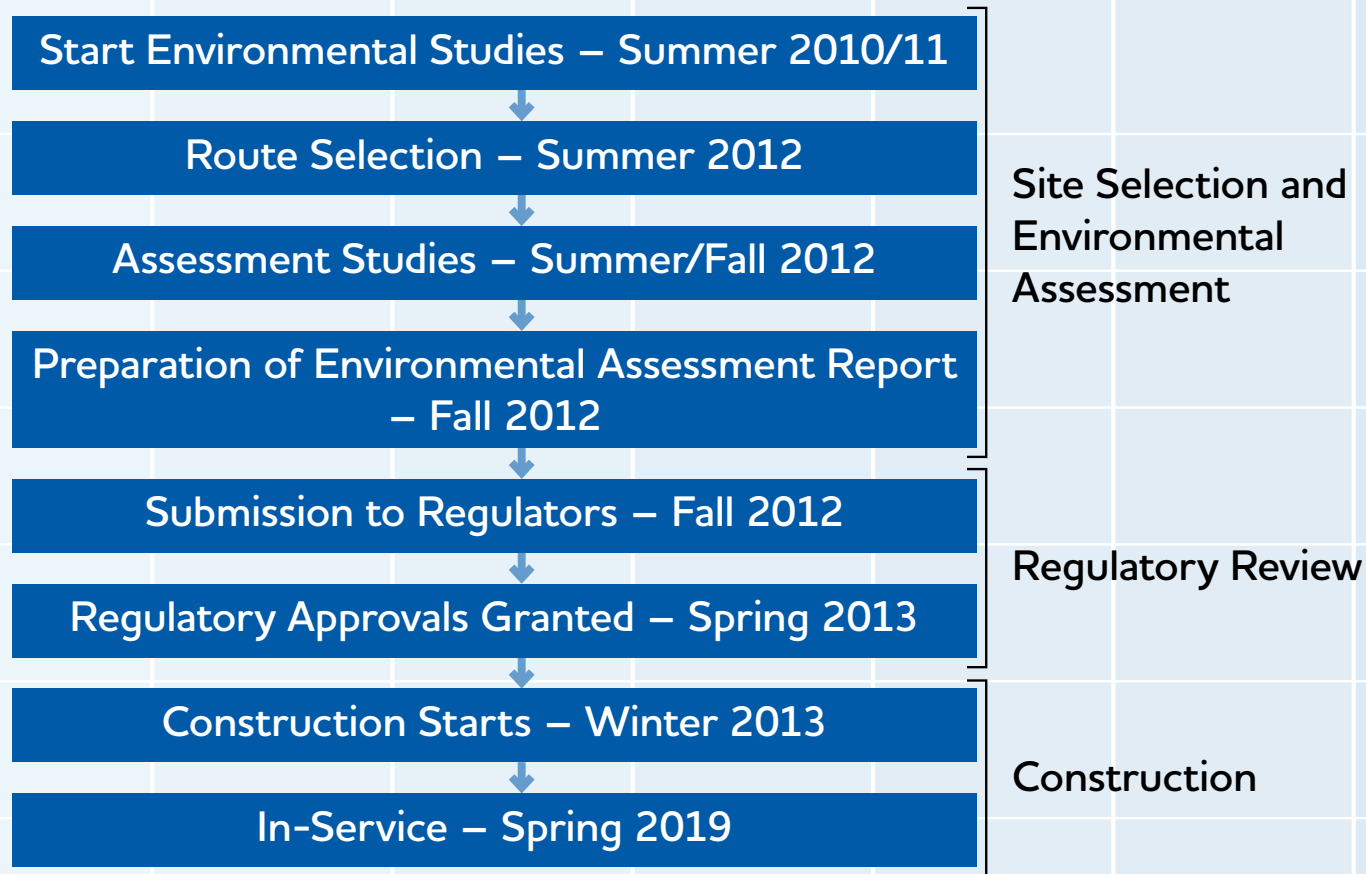
Three - 138 kV Generation Outlet Transmission Lines that connect the Switching Station to Radisson Converter Station.



Alternative Transmission Routes



Project Schedule



Site Selection and Environmental Assessment

The Environmental Assessment involves:

- Study area characterization
 - Biophysical (wildlife, vegetation etc.)
 - Socioeconomic (heritage resources, land use etc.)
- Public engagement
- Identification of:
 - Potential environmental effects
 - Mitigation measures
 - Follow-up actions
- Preparation of an Environmental Assessment Report



Site Selection and Environmental Assessment Schedule

Tasks	2012					
	May	June	July	Aug	Sept	Oct
Preliminary Site Selection	■					
Community and Stakeholder input into Alternative Routes and Station Sites		■				
First Open House				■		
Aboriginal Traditional Knowledge Gathering				■		
Preliminary Preferred Route and Station Site Selection		■				
Community and Stakeholder input into Preliminary Preferred Route and Station Site				■		
Second Open House					■	
Confirmation of Preferred Route and Station Site					■	
Environmental Assessment Studies and Report Development	■					
Submit Environmental Assessment Report for Regulatory Review						★

Public Engagement Processes

The Public Engagement Process includes:

- Engagement with
 - local communities and administrations,
 - municipal and provincial government departments,
 - First Nations and Metis,
 - NGOs,
 - resource users and
 - other interested stakeholders



Regulatory Licensing Process

- Requires a Class 2 Licence, under the *Environment Act* (Manitoba)
- Environmental Assessment Report submission in October 2012
- Regulatory Review



Employment Opportunities

Contracts, when publicly tendered, require recruitment sessions by contractors in nearby communities to promote local employment.

Types of Positions:

- equipment operators,
- truck drivers,
- tower assemblers and
- other general labourer positions



Comment Form

Please complete a comment form and leave it in the box provided

- Let us know if you have any comments or concerns about the proposed Keeyask Transmission Project
- Tell us if you may be directly or indirectly affected by the proposed project and provide any actions you feel Manitoba Hydro can take to avoid or minimize any potential effects

Thank you for attending the Open House and providing your valuable input into the proposed Keeyask Transmission Project



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ROUND 2 OPEN HOUSE

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Open House Report

Round Two Public Involvement Program for the proposed Keeyask Transmission Project

Location: Gillam Recreation Centre (Blue Room)

Date & time: September 12, 2012 (4:30 – 7:30 PM)

Advertising and Public Notices

- An advertisement was placed in the Nickel Belt News (published on September 7, 2012 - Attachment A).
- Notices were posted at several locations in Gillam (Attachment A).

Open House Materials

- 15 storyboards were placed on easels at the Recreation Centre (Attachment A).
- The storyboards described: the purpose of the open house, the public engagement process, the SSEA process, the goals of the open house, need and purpose of the project, project schedule, project description, feedback from Round 1 of public consultation activities, potential effects of the project and proposed mitigation, employment opportunities, and the regulatory licensing process.
- A map showing the preferred route and the location of proposed project infrastructure (Attachment A) was available for attendees to take with them.
- 4 large maps showing the project study area and preferred route for the Construction Power, Generation Outlet Transmission lines and infrastructure were placed on tables so that attendees could clearly see the route.
- Comment forms were available for attendees to record their comments on the route options and environmental assessment process (Attachment A).
- Representatives from Manitoba Hydro and some of its environmental consultants were available to answer questions from attendees.

Questions and Comments from Attendees on the Preferred Route

Questions and comments were received from the attendees through conversations with Manitoba Hydro representatives and the environmental consultants. A summary of comments and questions related to the preferred route is provided below:

Open House Report

Round Two Public Involvement Program for the proposed Keeyask Transmission Project

- Several participants asked what factors were considered in selecting the preferred route for the generation outlet transmission lines. Manitoba Hydro noted in response to these questions that the factors were considered included:
 - The preferred route requires the fewest water crossings of the alternatives examined;
 - Follows other existing or proposed infrastructure;
 - Has the shortest overall length of route alternatives considered;
 - Minimizes effects on caribou;
 - Has fewer rare, uncommon and cultural plants in the footprint;
 - Cost considerations;
 - Reliability considerations (separating the primary construction power line and the back-up construction power line).
- One participant expressed concern with sight lines on the construction power line route and the effect this would have on hunting and wildlife. Manitoba Hydro noted that some vegetation can be maintained to a certain height in the right-of-way and this can minimize sight-line effects.

Other Questions and Comments

- Some participants noted there are effects on local residents related to having construction workers in the area. It was noted there have been problems on past hydro projects from interactions between local residents and construction workers.
- One participant asked whether guy wires would be marked for snowmobilers to see. Manitoba Hydro responded that guy wires would have yellow cable protectors so that they are visible to snowmobilers.
- One participant asked about the location of the proposed South Access Road. The location of the proposed South Access Road was shown to the participant on the preferred route map available at the open house.
- One participant noted there used to be a lot of berries near Gillam and now people have to travel much farther to find them.
- Some participants noted Manitoba Hydro should have Cree names put on their maps.
- One participant noted Manitoba Hydro should provide safety education to youth to help prevent accidents around electricity infrastructure.

Open House Report

Round Two Public Involvement Program for the proposed Keeyask Transmission Project

ATTACHMENT A

OPEN HOUSE MATERIALS

Open House Report

Round Two Public Involvement Program for the proposed Keeyask Transmission Project



An Invitation to Attend

Public Open House

Keeyask Transmission Project: Round Two – Preliminary Preferred Routes

Manitoba Hydro is proposing to develop the Keeyask Transmission Project which includes four 138kV transmission lines for construction and operation of the Keeyask Generating Station. These lines will connect the Keeyask Generating Station to the Radisson Converter Station outside of the Town of Gillam.

Round Two of the Public Engagement Program has been planned to inform interested Manitobans about the Keeyask Transmission Project. Round Two will offer an opportunity for the public to comment on the Preliminary Preferred Routes being proposed for the project.

For more information about the Public Engagement Program, please contact David Block at 1-204-360-7353 or email dblock@hydro.mb.ca

Location:
Gillam, Manitoba

Venue:
Gillam Recreation Centre
Blue Room, 2nd floor

Date:
Wednesday, Sept. 12, 2012

Time:
4:30 to 7:30 p.m.

All are welcome to attend.

Refreshments will be served.



Open House Report

Round Two Public Involvement Program for the proposed Keeyask Transmission Project

Friday, September 7, 2012
Columnists

Nickel Belt News • www.thompsoncitizen.net

Page 5

RCMP make drug bust in God's Lake Narrows

BY IAN GRAHAM
IAN@THOMPSONCITIZEN.NET

God's Lake Narrows RCMP seized cocaine with a street value of \$4,500 and \$80 cash after executing a search warrant at a residence in the community on Aug. 29.

Twenty-four-year-old Stephanie Paton of Winnipeg and 30-year-old Melissa Okemow of God's Lake Narrows were charged with pos-

session for the purpose of trafficking under the Controlled Drugs and Substances Act after a search of a residence turned up 85 flaps of cocaine.

Paton was remanded into custody and scheduled to appear in court in Thompson on Sept. 4. Okemow was released on her own recognizance and is due to appear in court in God's Lake Narrows on Oct. 24.



Photo courtesy of God's Lake Narrows RCMP

RCMP seized 85 flaps of cocaine and \$80 cash after executing a search warrant at a God's Lake Narrows residence on Aug. 29.

Northerners celebrate Labour Day

I was pleased to once again be able to celebrate Labour Day at the Steel Centre in Thompson.

Once again the Steelworkers joined with the labour movement in Thompson to host a community event celebrating the contributions of working people to Canada.

I was pleased to speak about the contributions of working people and the labour movement to Northern Manitoba and Canada.



Steve Ashton

MLA Report
ashton@mts.net

I pointed out that this year marks the 50th anniversary of the Local 6166 in Thompson. In many ways the more things have changed the more

they stay the same. The fight for fair wages, decent working conditions and jobs continues.

I also pointed out that the labour movement has

always fought not just for its members but also for all the 99 per cent. Much has been accomplished but there is more to do.

The labour movement has played an important role in our community and throughout Northern Manitoba. Labour Day was an important opportunity to celebrate the accomplishments but at the same time commit us to going forward not back on fairness for working people.

friend us on facebook, follow us on twitter,
join the discussion!!

Thompson's Northern Market

WHEN?

5 pm- 9 pm, Friday, September 7, 2012
10 am- 3 pm, Saturday, September 8, 2012

WHO?

Local/Regional Crafters, Food and Fish Producers, and Small Home Based Business

WHERE?

Held in Conjunction with Leisure Mart at Thompson Regional Community Center

FREE ADMISSION!

For more information or to become a Vendor Contact

Roxie at 877-1903 or Betty at 877-1904

Supporting your Northern Market

is a great way to be Eco Friendly.

BROUGHT TO YOU BY



Futures Food Products
MEAT & SEAFOOD
Treat Yourself!
John Schifano
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CHECK OUT OUR ONLINE AND PRE-ORDER NOW!
www.futuresfoodproducts.ca

NEW MENU COMING SOON

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Phone 677-0111
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www.bostonpizza.com
NEW MENU ITEMS FEATURED WEEKLY

An Invitation to Attend

**Keeyask Transmission Project:
Round Two – Preliminary Preferred Routes**

Manitoba Hydro is proposing to develop the Keeyask Transmission Project which includes four 138kV transmission lines for construction and operation of the Keeyask Generating Station. These lines will connect the Keeyask Generating Station to the Radisson Converter Station outside of the Town of Gillam.

Round Two of the Public Engagement Program has been planned to inform interested Manitobans about the Keeyask Transmission Project. Round Two will offer an opportunity for the public to comment on the Preliminary Preferred Routes being proposed for the project.

You are invited to attend an open house to learn about the project and contribute to the route selection process.

Gillam
Wednesday, Sept. 12, 2012
4:30 to 7:30 p.m.
Gillam Recreation Complex

All are welcome to attend.
Refreshments will be served.

Manitoba Hydro

www.thompsoncitizen.net

Reduce risk to ALARA at Water Treatment Plant

ALARA stands for As Low As Reasonably Achievable. In order to reduce risk to ALARA at the Water Treatment Plant, two fences have been installed.

One fence surrounds the plant building, yard and reservoirs and is a security fence.

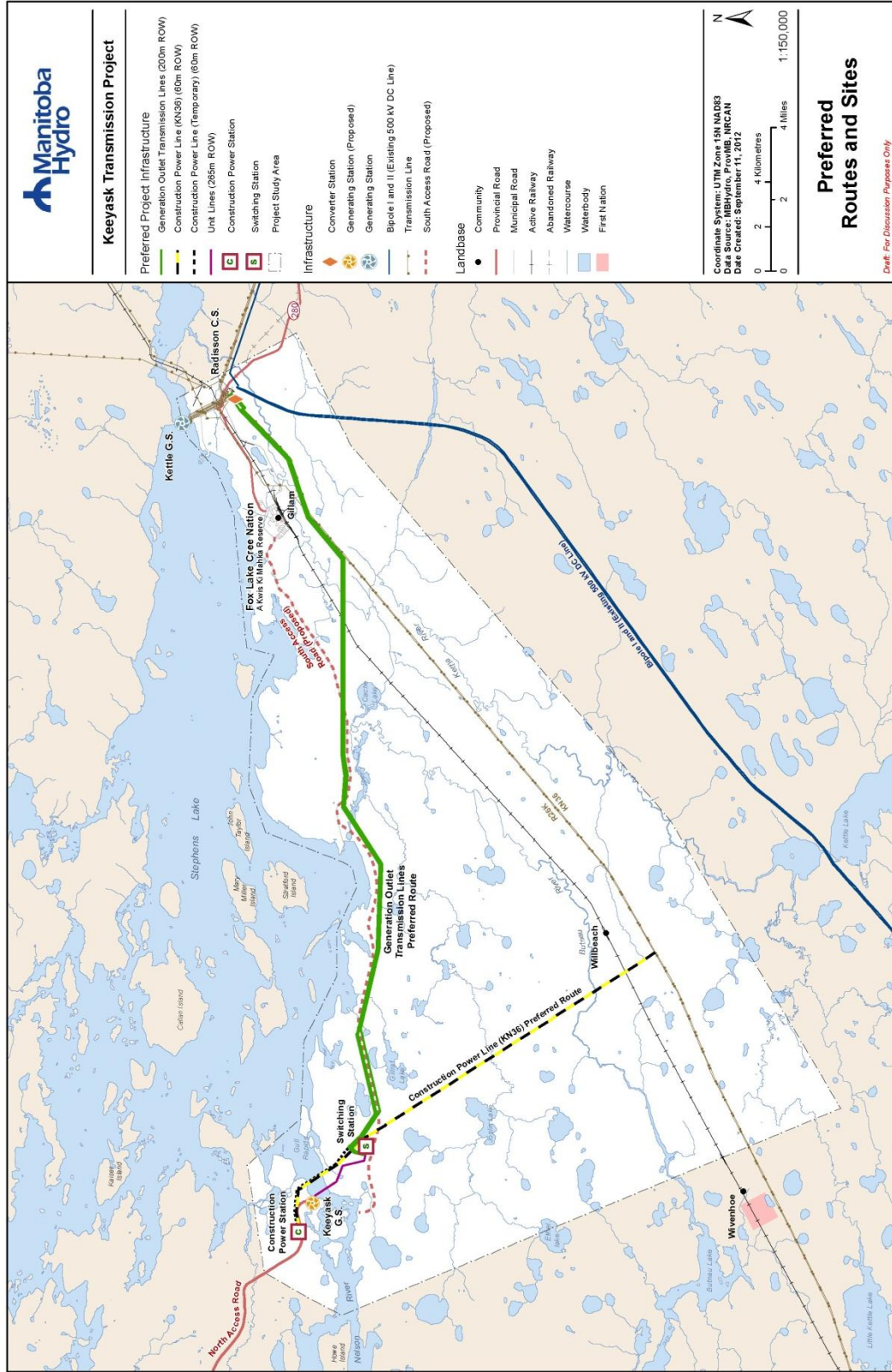
The second fence is of architectural design and is located on the Burntwood Road side of the building. The main purpose of the second fence is to prevent recreational vehicles from using the property as a thoroughfare. It is a steel fence bolted to steel fence posts cemented into the ground.

Help reduce risk to ALARA by keeping all recreational vehicles off the Water Treatment Plant property. That includes snowmobiles, quads, trikes and dirt bikes.

VALE

Open House Report

Round Two Public Involvement Program for the proposed Keyask Transmission Project



Open House Report

Round Two Public Involvement Program for the proposed Keeyask Transmission Project

Comment Form

Round Two Public Involvement Program for the proposed Keeyask Transmission Project

Please take a moment to fill-out this brief questionnaire regarding information provided to you by the Study Team about the proposed Keeyask Transmission Project. Please leave the completed comment form with one of the project representatives.

1. The purpose of this open house is to provide you with an opportunity to review and comment on the preferred route, identify concerns and potential effects and discuss ways to minimize or avoid these effects. Did you find that this open house has provided you with sufficient opportunity to do so?

___ Yes ___ No

If no, what additional information would be helpful?

2. Manitoba Hydro has identified a preferred route for the Generation Outlet Transmission Line. Do you have specific concerns about the preferred route? Do you feel that this is a good route? If so, why? If not, why not?

3. After reviewing the information boards and speaking with Study Team members, what concerns or issues do you have about the proposed Project?

4. Referring to the concerns that you noted previously, do you have any suggestions on how your concerns could be addressed?

5. Local knowledge can help to minimize potential project effects. Do you believe there are any potential impacts associated with the preferred route for the Generation Outlet Transmission Line that should be investigated?



Open House Report

Round Two Public Involvement Program for the proposed Keeyask Transmission Project

6. Do you have any suggestions on how we could improve the Public Involvement Program?

7. Additional comments

Optional information

Name _____

Address _____

Email Address _____

Telephone _____

Thank you for taking the time to complete the comment form. Your interest and participation are very important to the Environmental Assessment process.

For further information about the proposed Keeyask Transmission Project, please contact **David Block** at (204) 360-7353 or email: dblock@hydro.mb.ca



Keeyask Transmission Project

Public Open House

WELCOME



Purpose of the Open House

To provide:

- Information on the project
- Information on the environmental assessment process
- An opportunity to discuss comments and concerns
- A venue to receive your input on alternative routes being considered



Public Engagement Processes

The Public Engagement Process includes:

- Engagement with
 - local communities and administrations,
 - municipal and provincial government departments,
 - First Nations and Metis,
 - NGOs,
 - resource users and
 - other interested stakeholders



Site Selection and Environmental Assessment

The Environmental Assessment involves:

- Study area characterization
 - Biophysical (wildlife, vegetation etc.)
 - Socioeconomic (heritage resources, land use etc.)
- Public engagement
- Identification of:
 - Potential environmental effects
 - Mitigation measures
 - Follow-up actions
- Preparation of an Environmental Assessment Report



Manitoba Hydro Goals

- Keep the public informed of Manitoba Hydro activities in the region
- Provide timely and informative responses to questions and concerns
- Be open and transparent throughout the approval process
- Ensure local resident concerns are identified and considered throughout the process

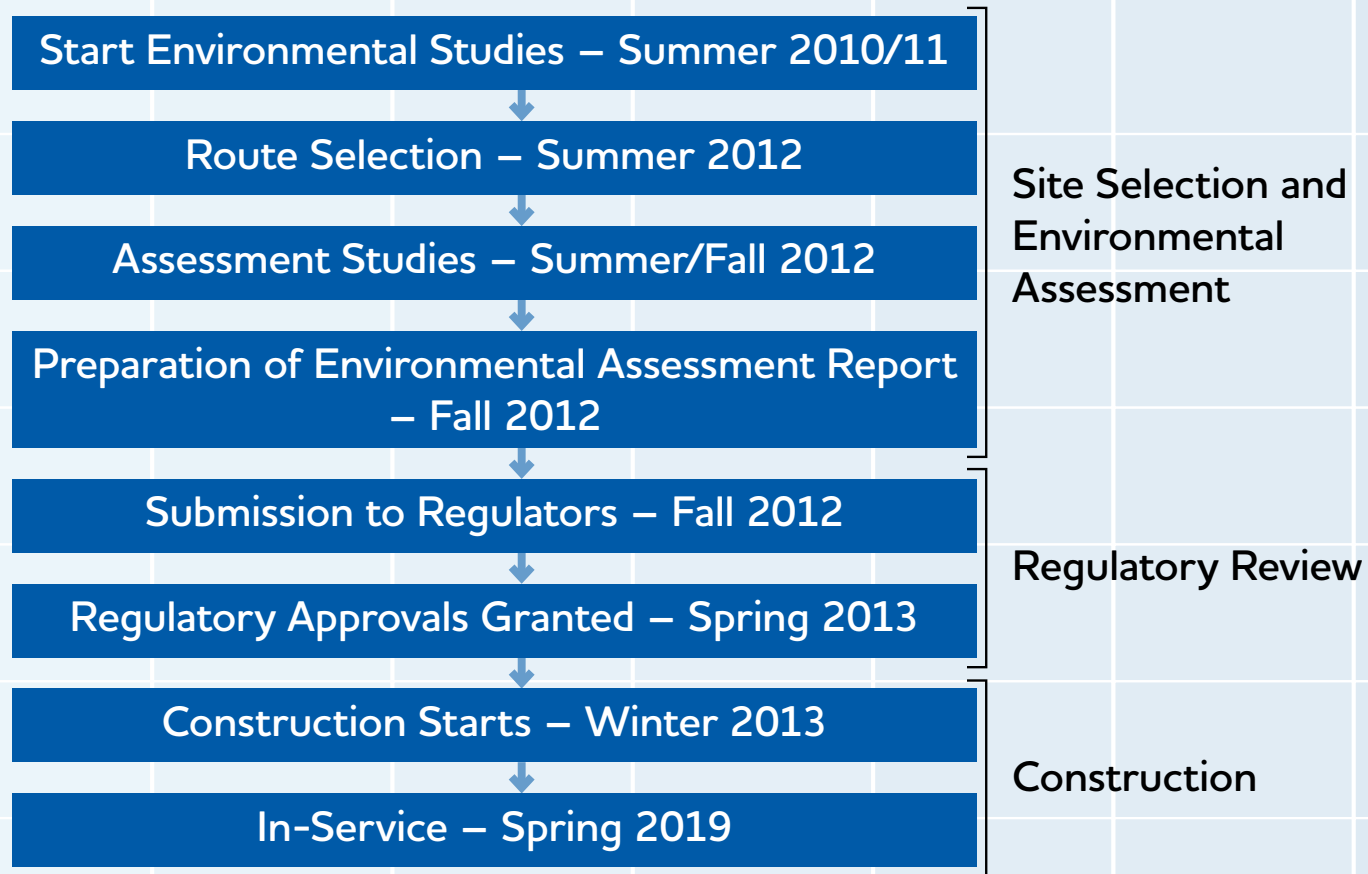


Need and Purpose of the Project

Manitoba Hydro requires new transmission infrastructure and modifications to existing transmission infrastructure for the construction and operation of the Keeyask Generating Station



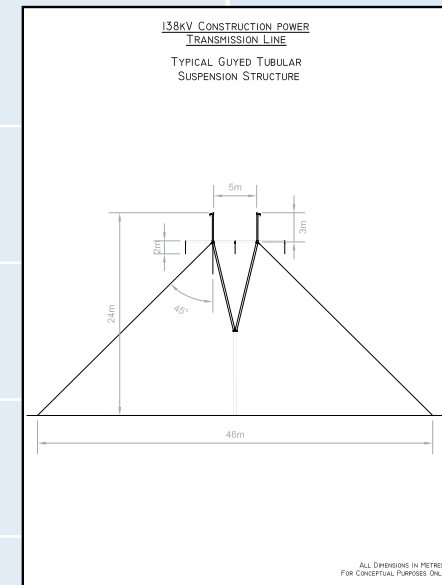
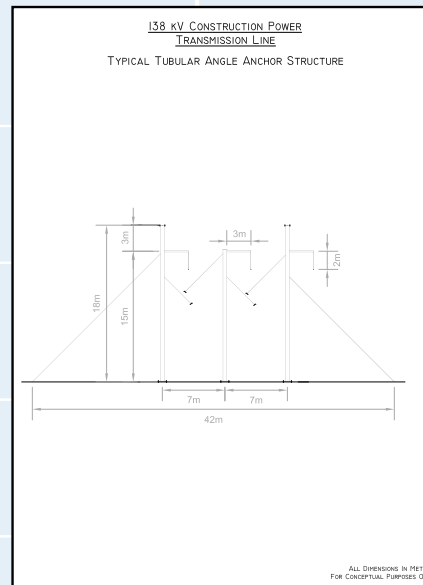
Project Schedule



Project Description

Two - 138 kV Construction Power Transmission Lines (One Permanent and One Temporary)

One - Construction Power Station

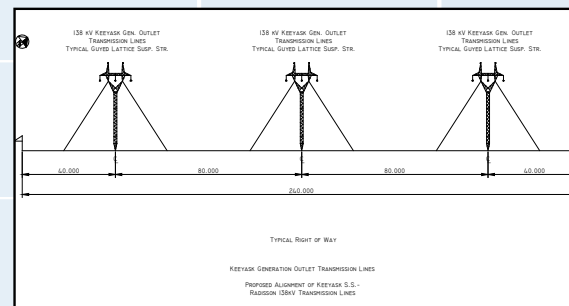
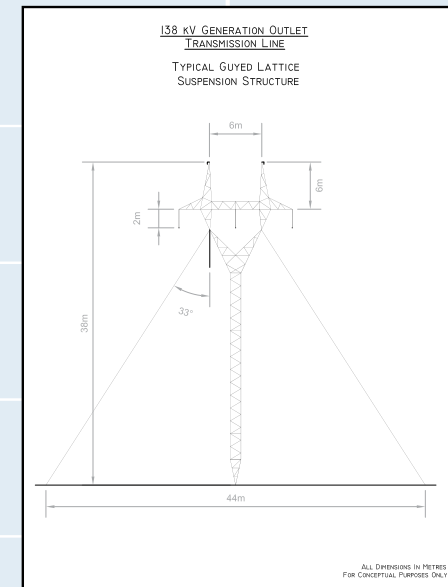
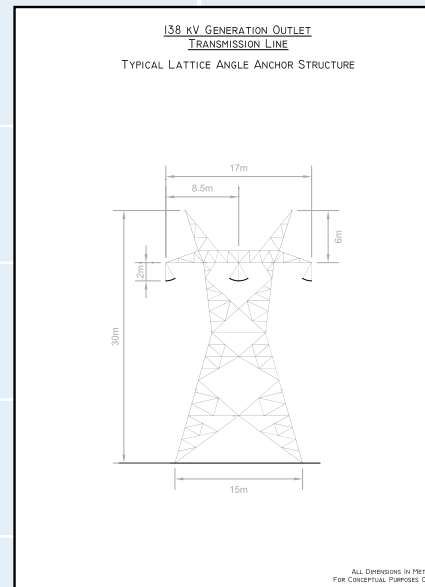


Project Description

Four - 138 kV Unit
Transmission Lines
from Keeyask GS to
Switching Station

One - Switching Station

Three - 138 kV Generation
Outlet Transmission
Lines that connect
the Switching
Station to Radisson
Converter Station.



What We Heard – Round 1

Participants of Round 1 of the Public Engagement Process:

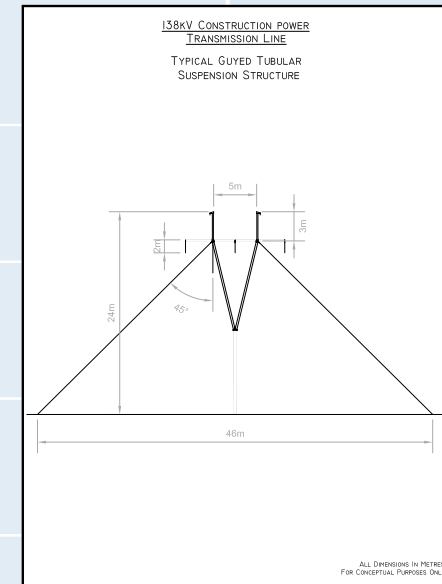
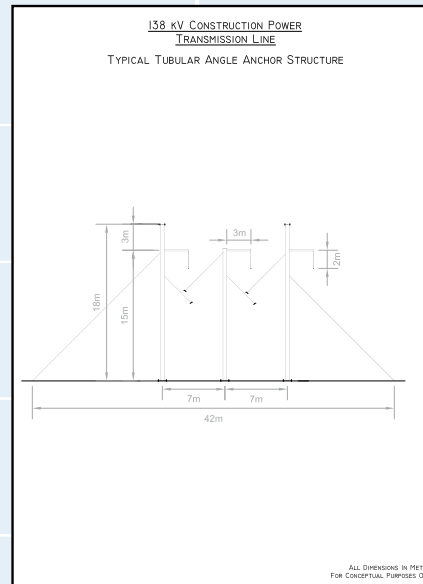
- Indicated a general preference for a route which followed existing rights-of-way for roads or transmission lines to minimize additional disturbance and clearance caused by the Project.
- Expressed interest in:
 - The type and number of employment and business opportunities associated with the Project.
 - Understanding how the Project will affect wildlife and habitat. An interest in effects on caribou in particular was noted.
 - Understanding how First Nations were involved in the site selection and environmental assessment process.
- Noted the Project Study Area has numerous existing or proposed hydro-electric developments (dams, transmission lines and converter stations). This was important as context for the Project's environmental studies.



Project Description

Two - 138 kV Construction Power Transmission Lines (One Permanent and One Temporary)

One - Construction Power Station

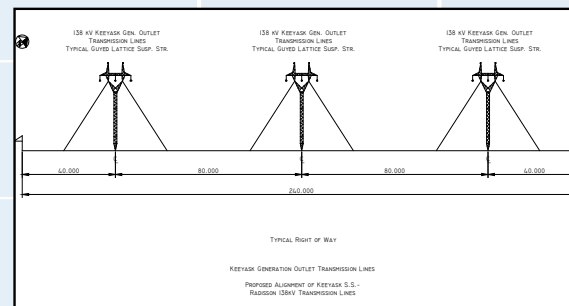
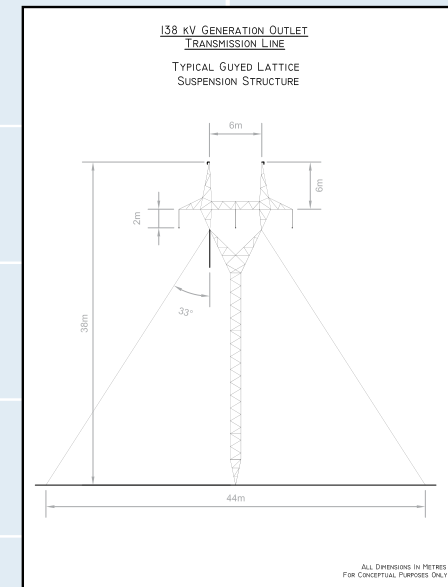
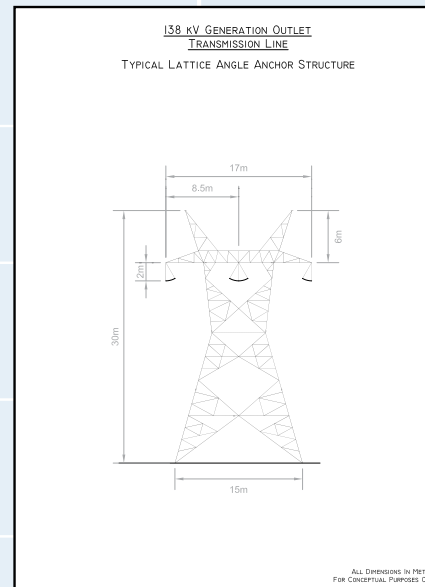


Project Description

Four - 138 kV Unit
Transmission Lines
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Potential Effects and Mitigation

In addition to avoiding sensitive areas identified through the site selection process, additional mitigation measures will include:

- Implementation of an Environmental Protection Plan to minimize disturbances during construction.
- Scheduling construction activities during appropriate seasons to minimize conflicts with sensitive species.
- Avoiding the use of heavy machinery in sensitive areas.
- Ongoing communication between Manitoba Hydro and local communities to identify and address potential issues that arise.



Potential Effects and Mitigation

Potential adverse effects of the Project are avoided or minimized through the site selection process. Remaining effects will be examined in the Project's environmental assessment report and will include (but not limited to):

- Effects on caribou and other wildlife related to clearing and maintenance of rights-of-way and presence of project infrastructure.
- Effects on fish and fish habitat related to stream crossings.
- Effects on resource use as a result of access created by the Project during construction and operations.
- Effects on traffic due to shipping and transportation during construction.
- Effects on local people and communities related to the presence of construction workers.
- Effects on culture and heritage related to the construction and operation of the Project.



Employment Opportunities

Contracts, when publicly tendered, require recruitment sessions by contractors in nearby communities to promote local employment.

Types of Positions:

- equipment operators,
- truck drivers,
- tower assemblers and
- other general labourer positions



Regulatory Licensing Process

- Requires a Class 2 Licence, under the *Environment Act* (Manitoba)
- Environmental Assessment Report submission in October 2012
- Regulatory Review



Comment Form

Please complete a comment form and leave it in the box provided

- Let us know if you have any comments or concerns about the proposed Keeyask Transmission Project
- Tell us if you may be directly or indirectly affected by the proposed project and provide any actions you feel Manitoba Hydro can take to avoid or minimize any potential effects

Thank you for attending the Open House and providing your valuable input into the proposed Keeyask Transmission Project



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OTHER PUBLIC INVOLVEMENT MATERIALS

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Fox Lake Cree Nation Workshop

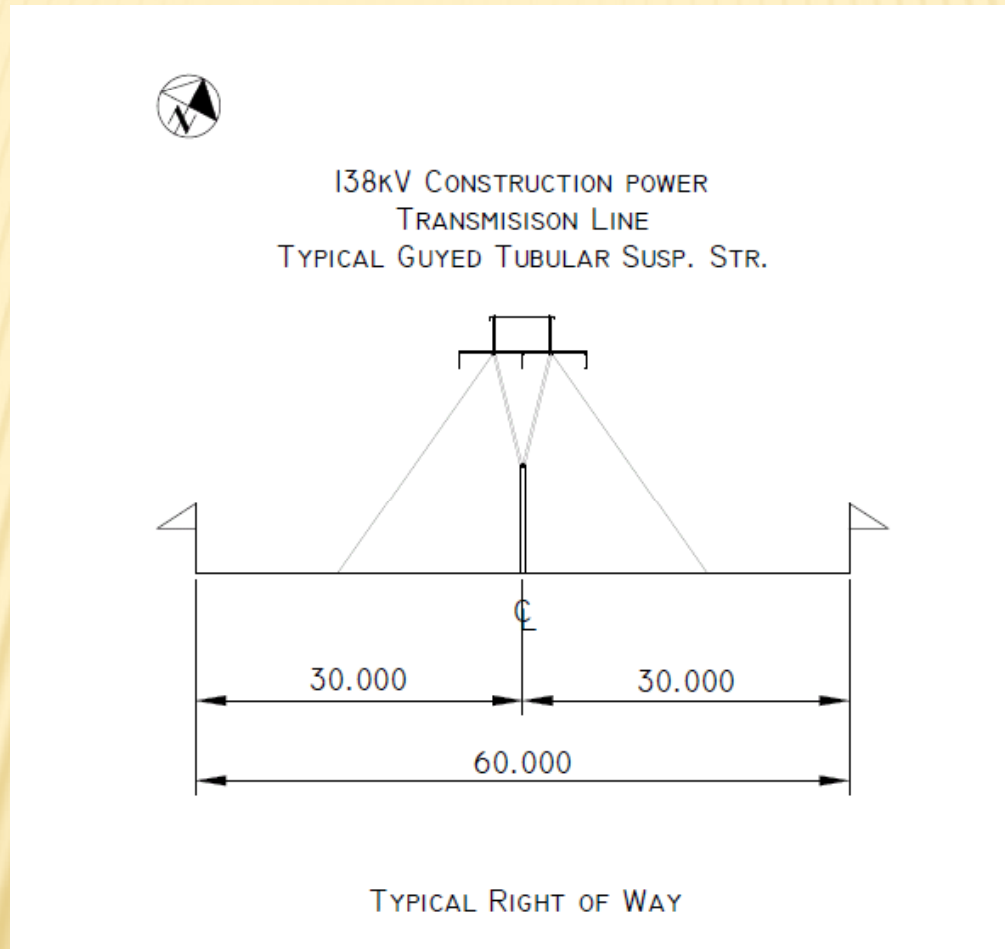
KEYYASK TRANSMISSION PROJECT



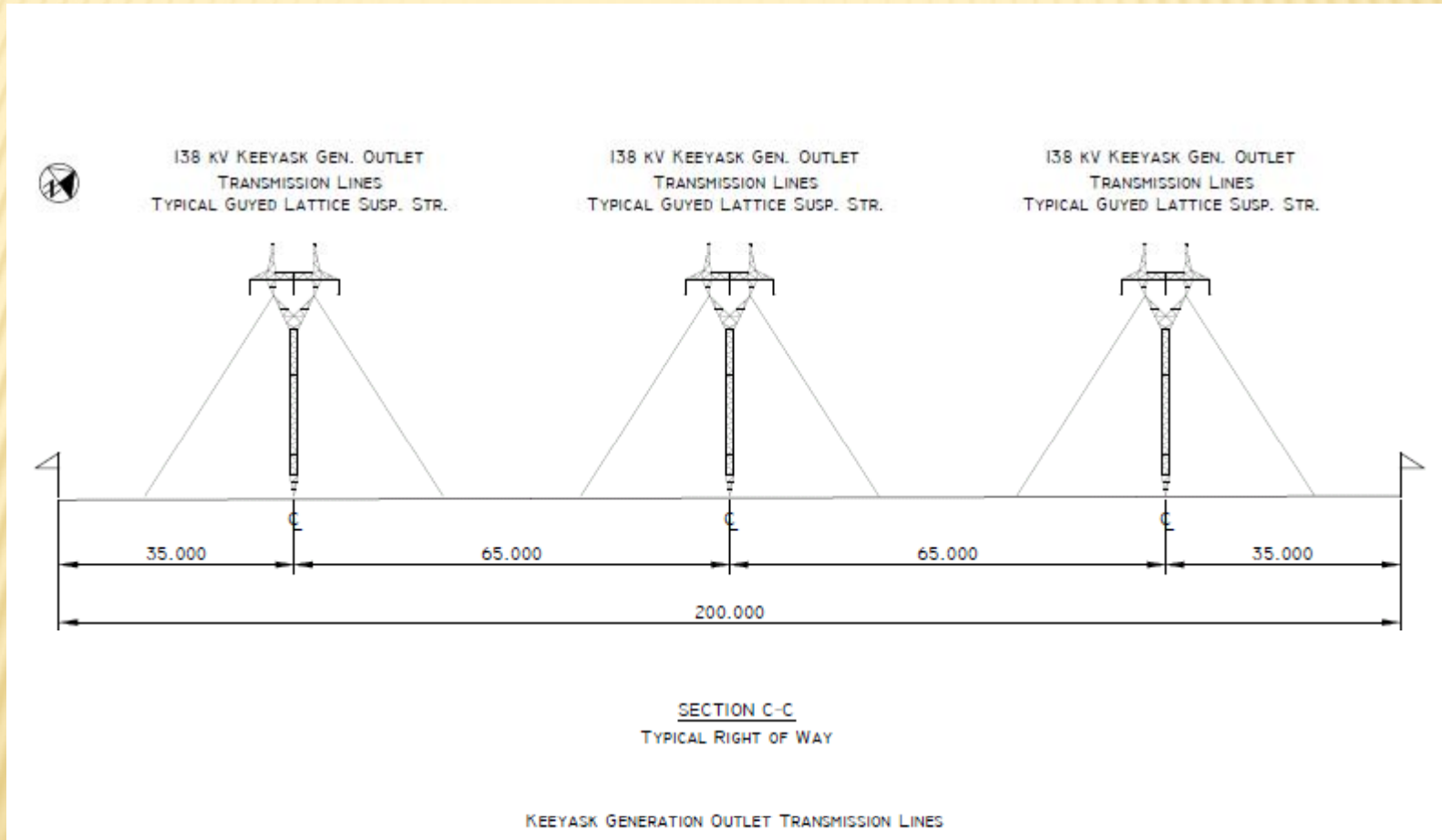
MEETING ACTION ITEMS

- ✘ EnvPP for Decommissioning of Namew Lake
 - + EnvPP Provided and Photos
- ✘ ROW Widths
- ✘ Double Circuit or larger Voltage Line
- ✘ Draft Project Description
 - + Table of contents and Project Overview
- ✘ South Access Road
 - + Package of Info supplied by Power Supply

CONSTRUCTION POWER ROW



GENERATION OUTLET TRANSMISSION



JULY 2006



JULY 2012



RAPTOR NEST



RAPTER NEST POST DECOMMISSIONING



ROUTE EVALUATION PARAMETERS

- × Aquatics
 - + # of water crossings
 - + Sensitivity of fish and fish habitat
- × Terrestrial Plants and Habitat
 - + Fragmentation
 - + Priority plants (Rare, KCN Plants)
 - + Habitat
 - + Ecosystem diversity

ROUTE EVALUATION PARAMETERS

- × Wildlife
 - + Amphibians
 - × Species observed
 - × # of water crossings (Riparian habitat)
 - × Proximity to waterbodies
 - + Birds
 - × Species observed
 - × Vegetation composition
 - × # of water crossings
 - × Proximity to waterbodies
 - × Habitat
 - + Mammals
 - × Mammals observed
 - × Species at Risk
 - × Habitat
 - × Fragmentation
 - × # of water crossings

ROUTE EVALUATION PARAMETERS

+ Socio Economic

- × Resource Use
- × Forestry
- × Population, Infrastructure and Services
- × Economy

+ Heritage

- × # of water crossings (higher potential)
- × Existing heritage sites

WUSKWATIM TRANSMISSION



WUSKWATIM TRANSMISSION



KEYYASK TRANSMISSION PROJECT

- Schedule
 - EIS Submission – October 2012
 - Construction Power Line and Station
 - Start- Spring 2014 Stn and Winter 2014 T-Line
 - In Service - Spring 2015
 - Generation Outlet Transmission and Switching Stn
 - Start – Jan 2017 Stn – Dec 2018 T-Lines
 - In Service – Fall 2019 – inline with 1st unit for GS