

Public Meetings

From: Stephanie Hodsoll <SHodsoll@xeneca.com>
Sent: August-17-11 2:05 PM
To: Stephanie Hodsoll
Subject: Invitation to Xeneca's Marter Twp. Public Information Centre
Attachments: Marter PIC - Aug 23 -French.pdf; Marter PIC Ad - Aug 23.pdf

August 17, 2011

Good afternoon!

Xeneca would like to invite you to our upcoming Public Information Centre for our proposed Marter Twp. waterpower project on the Blanche River.

Please join us next Tuesday, August 23 from 4 – 8 p.m. at the Englehart Community Hall, 80 Seventh Ave., Englehart, ON.

Attached are the notice ads that ran in the Northern News on August 12 & 19.

This PIC will be an opportunity to speak to Xeneca staff and technical experts about any questions you may have. It will be an open house format, rather than a formal presentation.

Maps and informational panels (both process-related and project-specific) will be on display.

We will also provide takeaway packages with a brief project overview, site map and Citizen's Guide to the Waterpower Class EA.

We hope to see you there!

Yours truly,
Steph

*****Change of Address Alert*****

As of August 29, 2011 Xeneca will be located at:

5255 Yonge Street, Suite 1200

North York, ON M2N 6P4

Please send all post to this new address.

Phone numbers & email addresses will remain the same

Stephanie Hodsoll

Public Affairs Liaison

Xeneca Power Development

5160 Yonge St., Suite 520

North York, ON M2N 6L9

T: 416-590-9362 X 112

F: 416-590-9955

www.xeneca.com

*This transmission is intended only for the addressee and contains PRIVILEGED or CONFIDENTIAL information. If you have received this electronic mail in error, please immediately notify the sender. Any unauthorized disclosure, use or retention is strictly prohibited. **Xeneca** does not accept liability for any errors, omissions, corruption or virus in contents or attachments. Information is provided for use "as is" by the addressee. Revised documents must not be represented as **Xeneca** work product, without express, written permission of a **Xeneca Director**.*

Xeneca Power Development



August 22, 2011



Reasons for Meeting

1. To provide you with an update on the Blanche River green energy project called "Marter Twp." and the project proponents
2. To provide Project history and status updates;
3. Outline next steps and timelines in project development; and
4. Seek your support and landowner agreement.

Page 2



Experienced and Well-Financed Waterpower Developers

Xeneca Structure



Company Principals

- **Patrick Gillette, BA, MES, MPA, President/COO**
 - President & Owner, Xeneca Power Development Inc.
 - \$400M, Energy Project Financing
 - 1,000 MW of Project Development experience
 - Co-Founder Canadian Renewable Energy Corporation (CREC)
- **Uwe Roeper, M.Sc., P.Eng, CEO**
 - President, Ortech Energy, Ortech Environmental
 - Co-founder of CREC

Senior Management Team

- **Mark Holmes, VP Corporate Affairs**
 - Over 14 years resource use and management experience
 - 6 years energy sector consulting
 - Extensive resource use experience in forestry, mining and wildlife conservation
 - 25 years regulatory, government relations, communications background
- **Arnold Chan, BA, MA, LL.B., M.Sc.PI., VP Legal Affairs**
 - Practiced in commercial real estate & municipal planning law;
 - Extensive government and regulatory experience having served in senior roles including in the Office of the Premier and as Chief of Staff to a Minister;

Page 5



Senior Management Team cont'd

- **Edmond Laratta, M.Eng., P.Eng, Manager of Environmental Affairs**
 - Over 35 years of diverse environmental assessment, regulation compliance and program implementation practice;
 - Extensive background of training including: risk management, waterpower geology, groundwater contamination transport and hazardous waste management;
 - Ensures environmental compliance for all Xeneca projects.
- **Anil Grover, CA, Finance Manager**
 - Holds a Bachelor of Commerce degree and is a certified Chartered Accountant in Canada and India;
 - Previously worked for several years in a major accounting firm in Toronto.



Xeneca's Provincial Profile

- 130 MW of Ontario projects submitted to the Ontario Power Authority's Feed-in-Tariff (FIT) program;
- Xeneca awarded 19 FIT Contracts for a total of 72+ MW;
- Marter Twp. on the Blanche River has been approved for a FIT contract for 2.1MW;
- Xeneca has 14 sites other sites awaiting assessment for connection to the electricity grid;
- Xeneca is in multiple First Nation business discussions and with several mining companies;
- With a FIT contract, there is a 5-year window to complete development.

Page 7



Xeneca Sites with FIT Contracts

Site Name and Potential MW Output

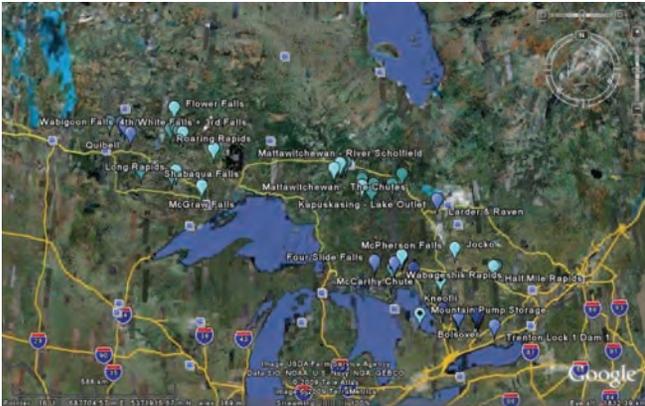
Ivanhoe: The Chute - 3.6MW	Big Eddy - 5.3MW
Ivanhoe: Third Falls - 5.1MW	Four Slide - 7.3MW
Outlet Kapuskasing Lake - 2.5MW	McCarthy - 2.0MW
Wanatango Falls - 4.67MW	Allen & Struthers - 2.8MW
Lapinigham - 8.2MW	Cascade Falls - 2.1MW
Middle Twp. Buchan - 5.0MW	At Soo Crossing - 4.3MW
Near North Boundary - 3.75MW	Wabageshik - 3.4MW
Larder & Raven - 1.25MW	McPherson Falls - 2.0MW
Marter Twp. - 2.1MW	McGraw Falls - 2.4MW
Half Mile - 4.8MW	

TOTAL: 72.57 MW

Page 8



Xeneca's Waterpower Opportunities in Ontario



Page 9

Why Waterpower?

- Currently, Ontario has a surplus of base load power but lack sufficient peaking power;
- Efforts being made to increase availability of “stored power”;
- Waterpower is an excellent means to balance the supply mix;
- Water can be stored behind dams in reservoirs or re-directed when needed to generate power;
- Unlike coal (which is being phased out), gas or biomass, there are no emissions.

Page 10

Current Public Policy

- The Government and the OPA recognize the need for local generation which is strong encouraged through public policy;
- The *Green Energy Act* (GEA) dovetails with the OPA's power purchase agreements and the Ministry of the Environment's Environmental Approval process;
- The Ministry of Natural Resources regulates both Crown site release and is revamping its policy to merge with GEA.
- Federal policy also strongly encourages "green" power development;
- Helps achieve goal of reducing "greenhouse gas emissions"

Page 11



Why Develop on the Blanche River?

- Long distance transmission and infrastructure is costly to build and maintain;
- Power produced and developed locally is more economical and environmentally sound (distributed power);
- The Blanche River (along with the Misema River nearby) have good flow regimes and adequate head, along with available connection space nearby – the two main factors in making waterpower development practical and economical.

Page 12



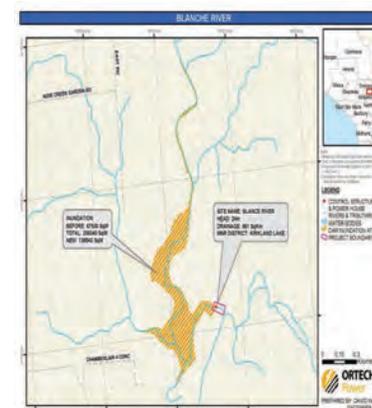
The Marter Twp. Project

- Marter Twp. is a 2.1 MW Project with a FIT Contract;
- The Misema Dam which was constructed by CREC and operation in 2004 is located nearby within 1 km of the proposed Marter Twp. project;
- Misema is currently owned and operated by TransAlta;
- Nearby road access;
- Minimal flooding impact on the shoreline given the deep narrow features of the area;
- Minimal downstream impact;
- Low environmental impacts.

Page 13

The Marter Twp. Project

- Work progressing since 2008;
- Scientific data being collected;
- Transmission lines will connect at feeder approximately 1 km to the west of the project;
- Road access still being established but most likely through the Nychuk property.



Page 14

The Marter Twp. Project Status

- FIT Contract awarded in April 8, 2010;
- Xeneca is currently in discussions with all private landowners that could be affected directly by inundation impacts;
- 2 potential options: lower dam at 196m elevation or higher dam at 201m elevation;
- Engineering review of hydrology;
- Environmental field program has occurred for 2 years on the project;
- Waterpower Class Environmental Report is likely to be submitted in mid-to-late Fall;

Page 15



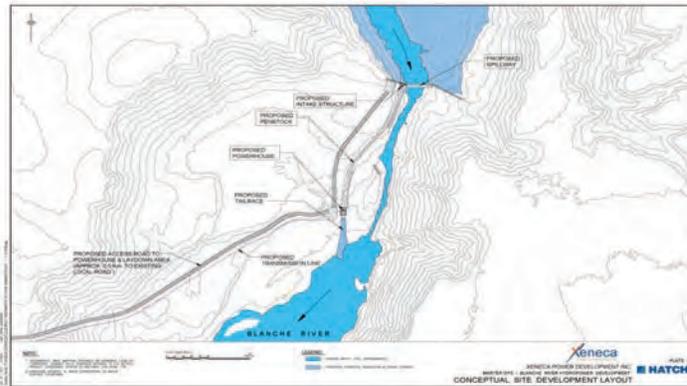
The Marter Twp. Project Status

- First Nation discussions initiated with some communities and the MNR;
- Consultation underway with local community through the upcoming initial Public Information Centre;
- Meetings with Town, stakeholder groups and individuals, as required.

Page 16

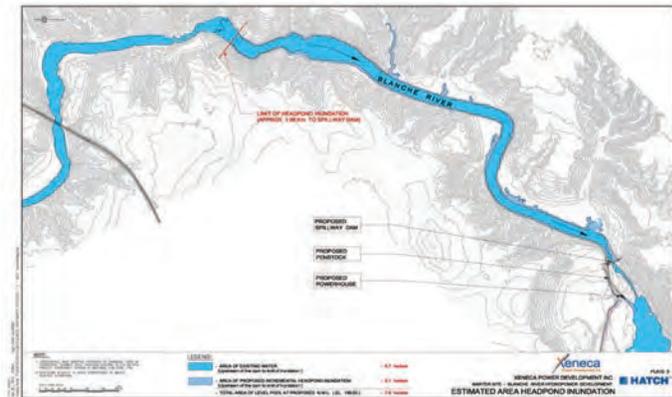


The Marter Twp. Project: Conceptual Design



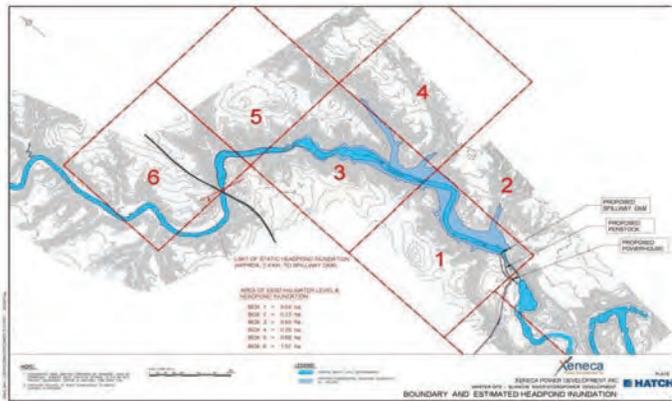
Page 17

The Marter Twp. Inundation: Lower Elevation Concept



Page 18

The Marter Twp. Inundation: Higher Elevation Concept



Page 19

Economic Impacts

- Approximate economic activity (direct) to build in Ontario is \$5-6M per MW;
- Direct job creation (construction only) is 10,000 person hours per MW;
- Indirect job multiplier of 1.5;
- Local regional economic impact estimate of \$2.5M per MW.



Page 20

Economic Impacts

- Broad based economic stimulus (engineering, consulting, legal, goods & services);
- First Nation's participation incentives;
- Revenue to the Province of Ontario (GRC) and potential local impact;
- Provincial and federal income taxes.

Page 21

Thank you

Questions....
Discussion.



Page 22



**Class Environmental Assessment for Waterpower Projects
For the Proposed Marter Twp. GS Project**

**Public Information Centre
Tuesday, August 23rd, 2011
4 – 8 p.m.**

Englehart Community Hall, Englehart

SIGN-IN SHEET (PLEASE PRINT)

Name & Affiliation	Mailing Address	Email	[REDACTED]
<i>Ryan Primrose Woodland Heritage</i>	[REDACTED]	[REDACTED]	[REDACTED]
<i>John Pollock Woodland Heritage</i>	[REDACTED]	[REDACTED]	[REDACTED]
<i>R. Broad</i>	[REDACTED]		



**Class Environmental Assessment for Waterpower Projects
For the Proposed Marter Twp. GS Project**

**Public Information Centre
Tuesday, August 23rd, 2011
4 – 8 p.m.**

Englehart Community Hall, Englehart

SIGN-IN SHEET (PLEASE PRINT)

Name & Affiliation	Mailing Address	Email	Phone Number
Miss Renaud Deputy-Cleric Town of Englehart	[REDACTED]	[REDACTED]	[REDACTED]
Doug Melson Town of Englehart Timiskaming Authority	[REDACTED]	[REDACTED]	[REDACTED]
DAVE ALLEN	[REDACTED]	[REDACTED]	[REDACTED]



Name & Affiliation	Mailing Address	Email	Phone Number
Alan Pedwell CJCC Am		[REDACTED]	[REDACTED]
R. Curtis	[REDACTED]		
Budge Darling Head Waters, Kuwagami		[REDACTED]	
Mike Hack MDA Hack Contracting			
Kendrick D-11			
Clare Vella	[REDACTED]		
[REDACTED]			



Name & Affiliation	Mailing Address	Email	Phone Number
Jim Hack	[REDACTED]	[REDACTED]	[REDACTED] 4
Brad Knox	[REDACTED]	[REDACTED]	[REDACTED] 7
Adam King	[REDACTED]	[REDACTED]	[REDACTED]



Name & Affiliation	Mailing Address	Email	Phone Number



Name & Affiliation	Mailing Address	Email	Phone Number
Paula & Jan Bowes	[REDACTED]		
Rick Gordon m.n.			
JOHN CARHART	[REDACTED]	[REDACTED]	
Bruce Jewitt	[REDACTED]		
Sharon & Allan Bowes	[REDACTED]	[REDACTED]	
Rose Smith	[REDACTED]	[REDACTED]	
PETER SWORD	[REDACTED]	[REDACTED]	[REDACTED]

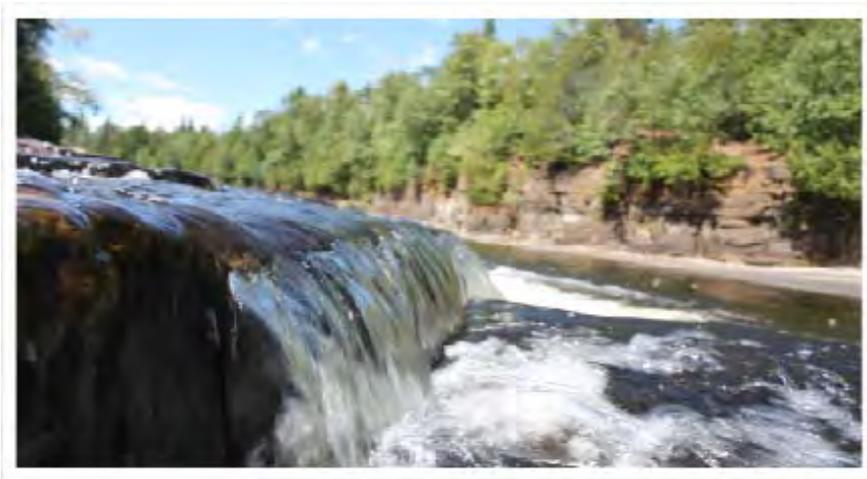


Welcome to Xeneca's Public Information Centre (PIC) for the Marter Twp. GS Project

Xeneca is proposing to develop a new waterpower generating station on the Blanche River; the proposed project is known as Marter Twp. GS

The purpose of this evening's open house is to:

- Introduce the project
- Present preliminary design concepts
- Provide you an understanding of the environmental assessment & approvals process
- Provide an opportunity to discuss the project with Xeneca staff & consultants



We value your comments & input. Please fill out a comment form & leave it with us or mail it to the address provided.

Copies of the panels from this PIC, as well as current project information, can be found on the Xeneca website.



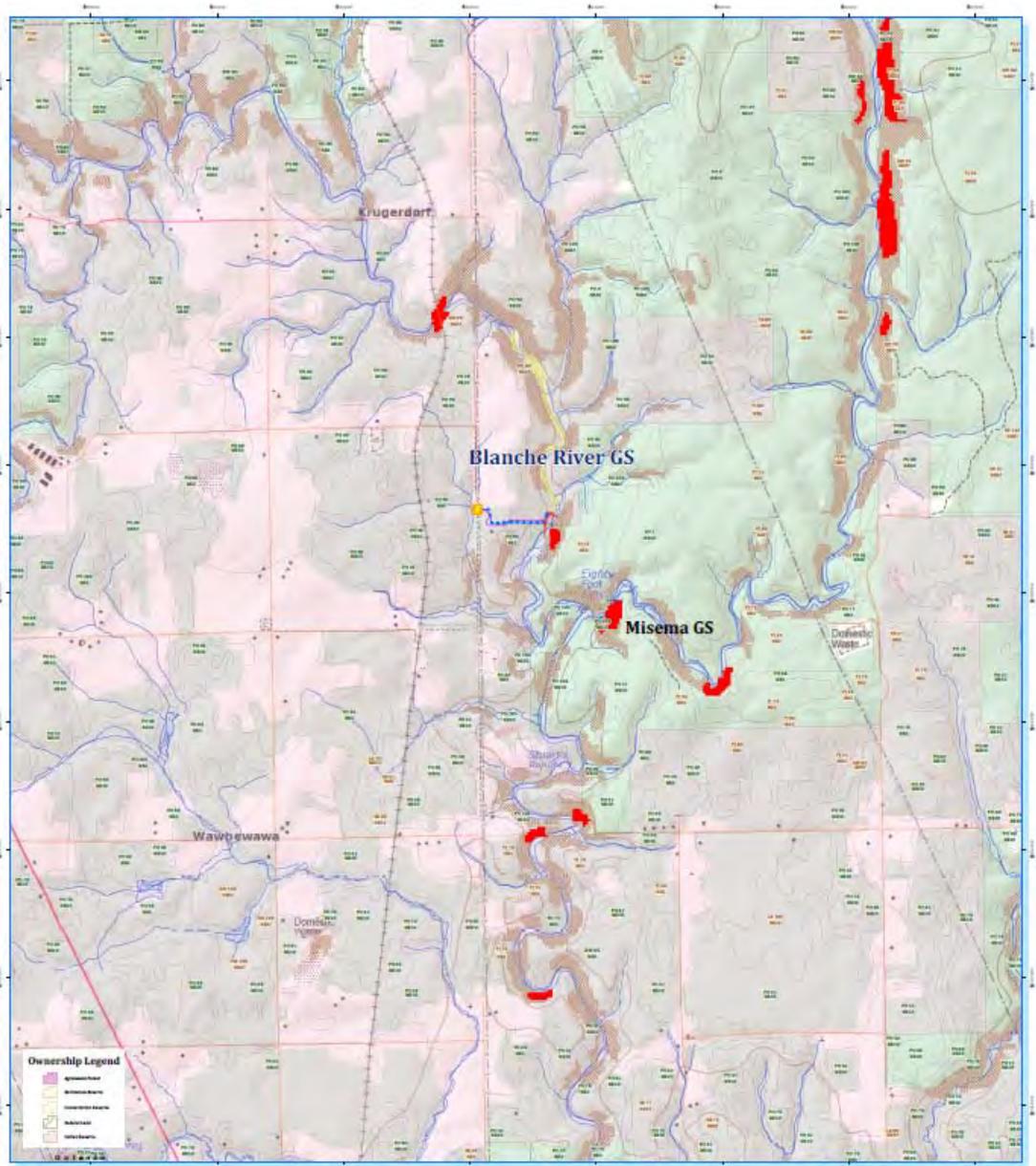
Project Benefits

Waterpower creates jobs, generates revenue to the taxpayers of Ontario & is the longest-lived & most reliable source of clean, renewable electricity.

The Marter Twp. waterpower development located on the Blanche River will have a total installed capacity of approximately 2.1 MW.

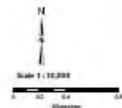
- Approximate economic activity (direct) to build in Ontario is \$5 million per megawatt, about half of which is spent locally procuring everything from consulting & legal services to concrete, steel, trucking & other services (hotels, restaurant & fuel.)
- Direct job creation (construction only) is 10,000 person hours per MW. Indirect jobs multiply by 1.5.
- Local/Regional economic boost of \$2.5 million per MW – about \$5.25 million.
- First Nations and non-aboriginal Community participation incentives. For overview see Xeneca website.
- May assist mining companies or local industry by providing more reliable power with some potential cost savings.
- Waterpower lasts... Many power plants built in the early 1900s are still in operation & with regular maintenance & upgrades can last for generations to come. In comparison the life span for other sources of clean power are nuclear (40 years), wind (20 years) & solar (20 years.)

Marter Twp. Proposed Access & Power Lines

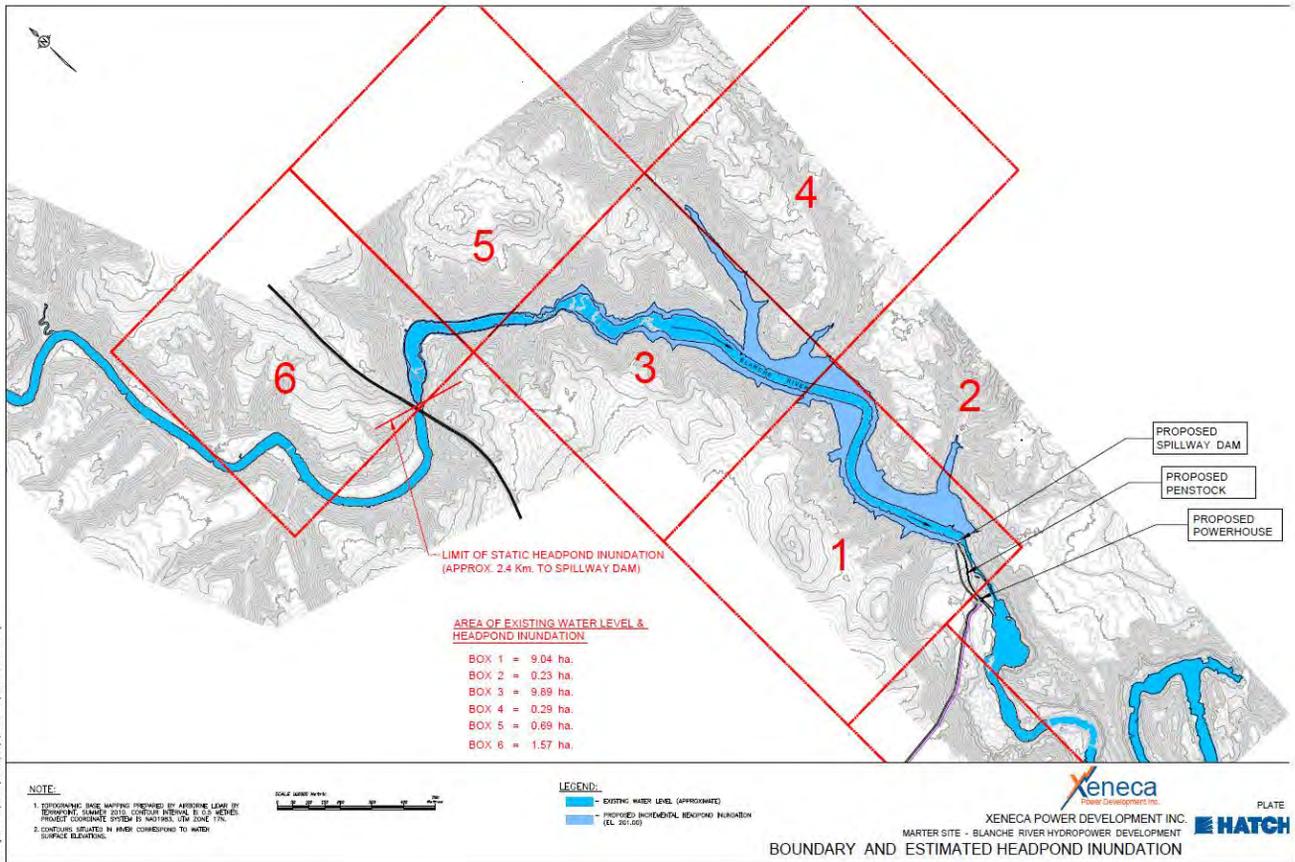


Tile E_29 Blanche River (Marter Township)

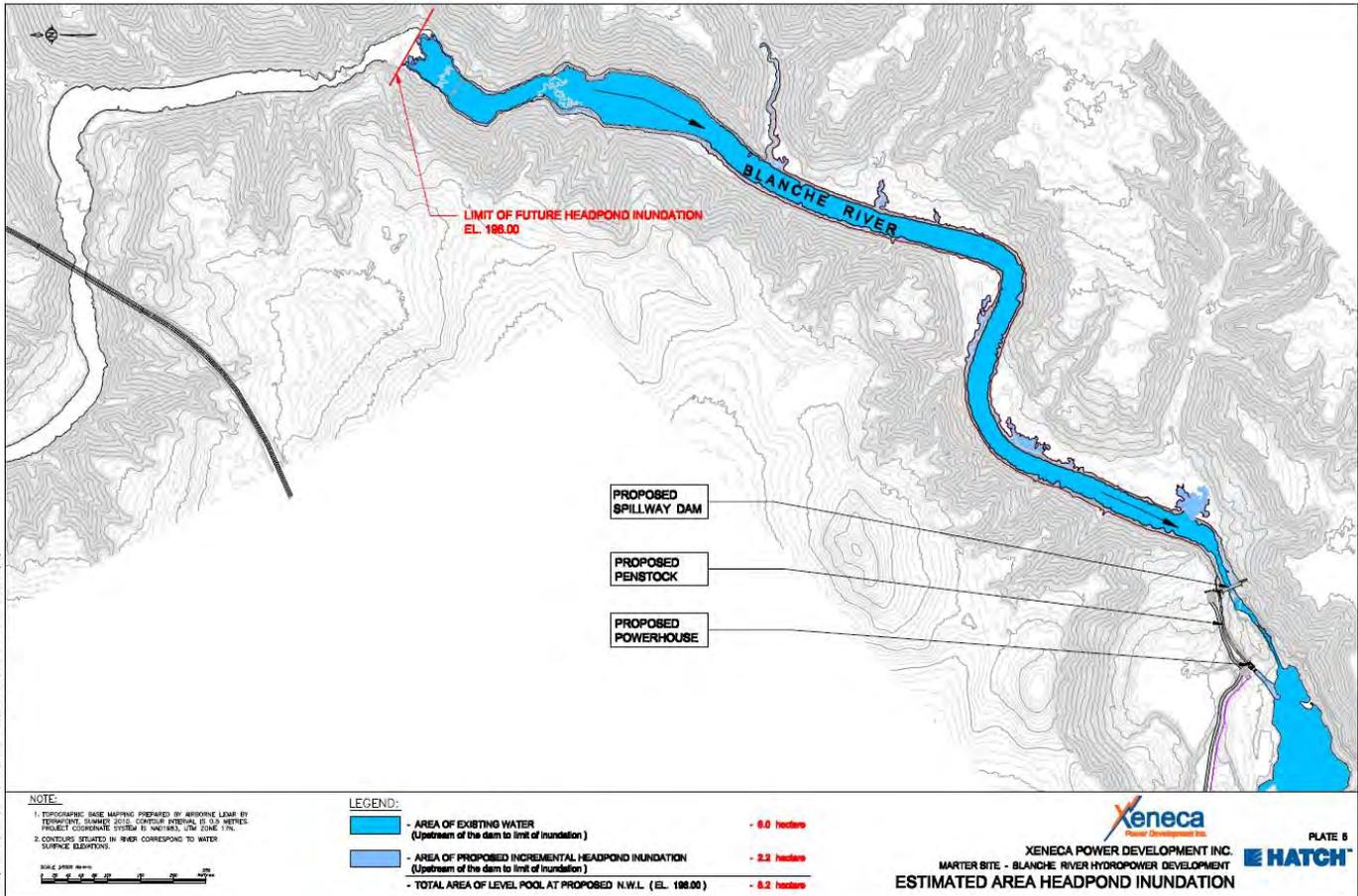
- | | | | |
|--------------------------------|--------------------------------------|--|---------------------|
| Point of Connection (PC) | Potential Inundation Zone | Resource / Recreation Access Route (requires field verification) | Secondary Haul Road |
| Point of Common Coupling (PCC) | Ecosites 14, 15, 16, 17, 18 or 19 | New Access Road | Winter Haul Road |
| Slope Class 20 - 30% | Proposed Distribution Line | Potential New Access Road | Tertiary Haul Road |
| Slope Class 30% plus | Proposed Alternate Distribution Line | Primary Haul Road | |



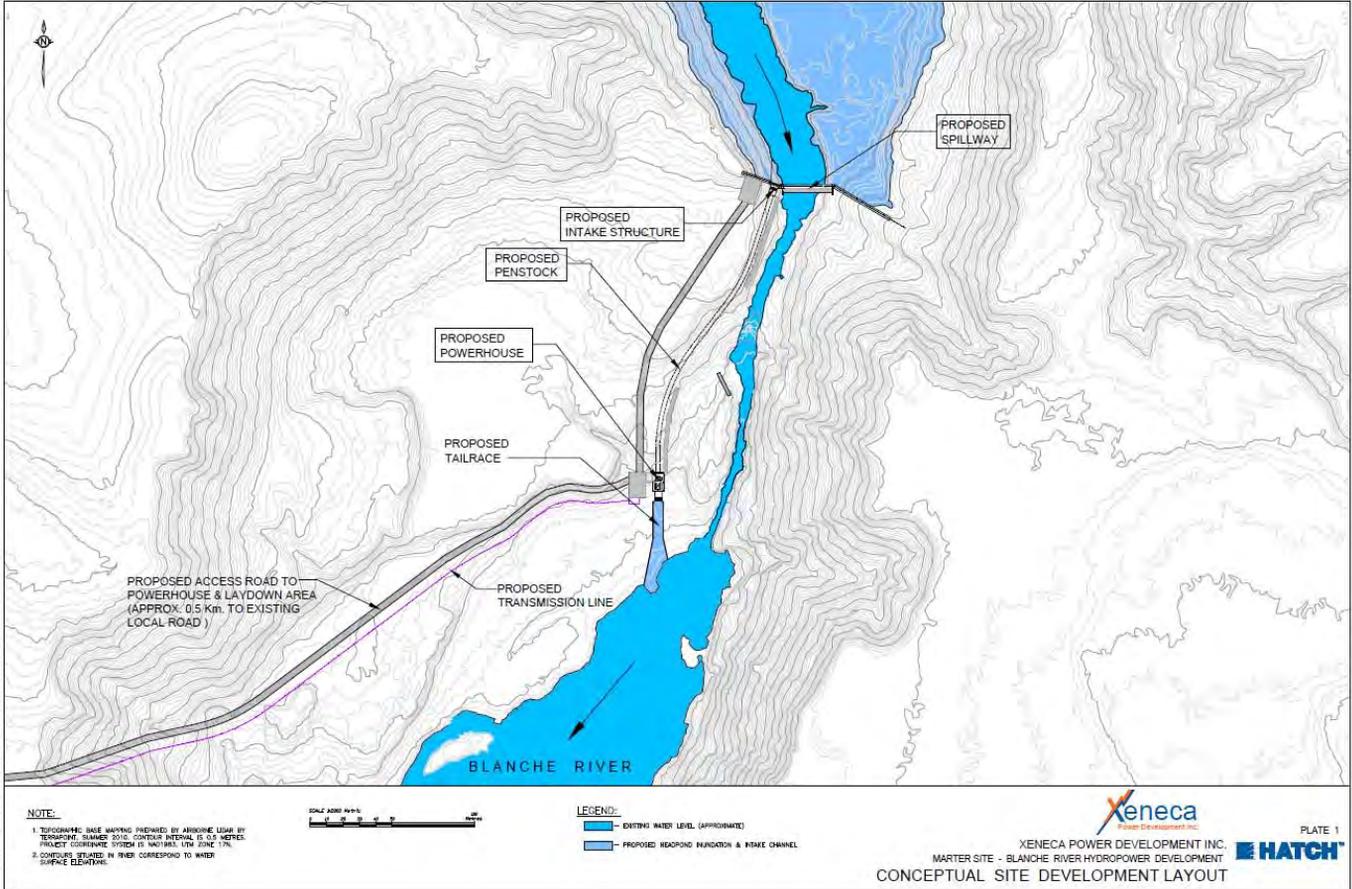
Zone of Influence: Option 1



Zone of Influence: Option 2



Conceptual Design



2010 Biology Survey Results

Selected Species of Interest	Provincial Designation	Federal Designation	Detected in 2010?
Lake Sturgeon	THR	-	No
Bobolink	THR	-	No
Whip-poor-will	THR	-	No
Canada Warbler	SC	THR	No
Yellow Rail	SC	SC	No
Northern Pike	NAR	-	No
Muskellunge	NAR	-	Yes
White Sucker	NAR	-	Yes
Walleye	NAR	-	No
Freshwater Mussels	Various	Various	No
Freshwater Sponges	Various	Various	No
Rocky Mountain Capshell	SU	-	No
Syngrapha altera	S2?	-	No
Incurvate Emerald	S1	-	No

Designations: END – Endangered; THR – Threatened; SC – Special Concern; NAR – Not at Risk; S1 – S3 – Species of conservation concern: (SU – Unrankable; S1 – Critically Imperilled; S2 – Imperilled; ? – Rank uncertain)

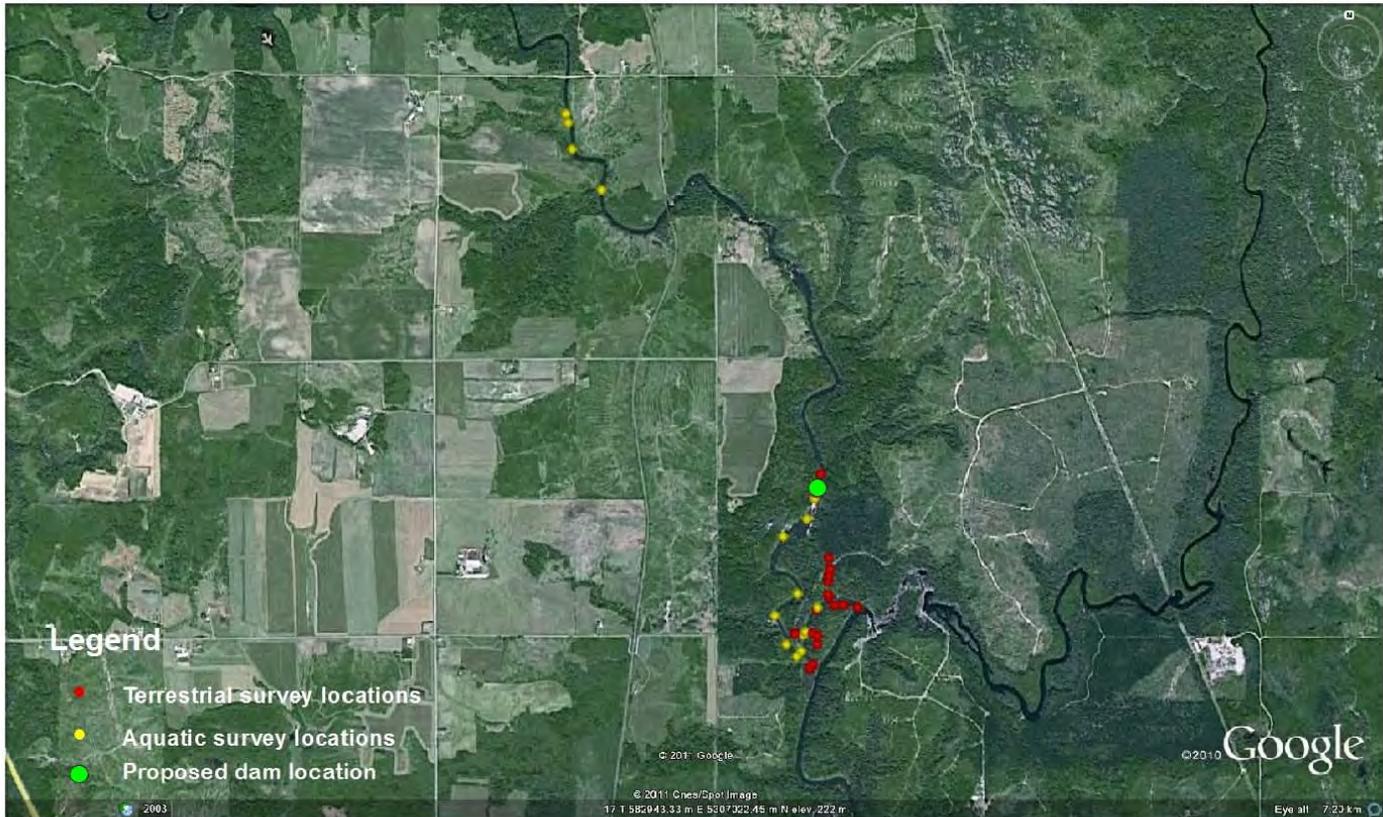


Lake Sturgeon: Image © New York State Department of Environmental Conservation



Bobolink: Image © Lisa Uskov (ORMG)

2010 Biology Survey Locations





Proposed 2011 Biology Studies

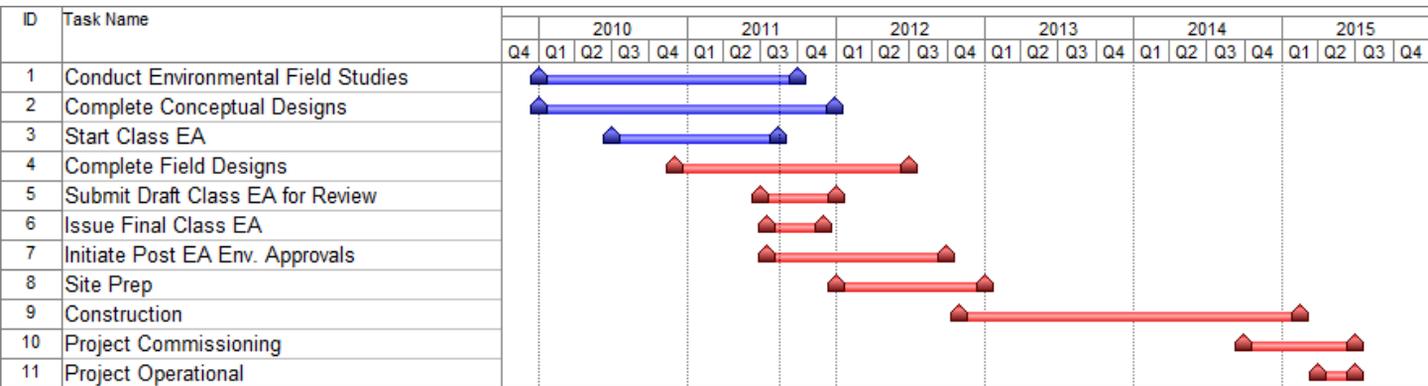
Selected Species of Interest

Bobolink	Lake Sturgeon
Whip-poor-will	Walleye
Canada Warbler	Northern Pike
Golden-winged Warbler	Freshwater Mussels
Yellow Rail	Freshwater Sponges
Short-eared Owl	Rocky Mountain Capshell
Common Nighthawk	Syngnatha altera
Olive-sided Flycatcher	Incurvate Emerald

Proposed Survey Types and Methods

- Fish community sampling surveys
- Lake Sturgeon, Northern Pike & Walleye spawning assessments
- Invertebrate community sampling (both aquatic & terrestrial)
- Invertebrate “Species of Conservation Concern” specific presence/absence surveys, including Odonates, freshwater mussels & sponges
- Avian & amphibian acoustic monitoring (installation of acoustic receivers)
- Reptile & amphibian presence/absence & habitat surveys
- Complete habitat & species presence surveys in all inundation areas
- Surface water quality monitoring in Blanche River & all tributaries/aquatic habitats within zone of influence

Timeline – Next Steps



*Archeological studies, EA monitoring and field studies will be ongoing throughout the development process and First Nation and non aboriginal engagement is encouraged.





Thank you for visiting today's Public Information Centre (PIC) for the Marter Twp. GS Project

Today's PIC was designed to provide a broad range of information regarding the proposed project.

We value your comments. Please fill out & submit a comment card before leaving so that we can track ideas & concerns.

We invite you to visit www.xeneca.ca to keep up to date on what is happening with the proposed projects.

We will continue to notify you about opportunities to comment. We believe that your input makes for a better project.

Your participation today is important; we appreciate your time & effort. We are committed to doing it right.

Thank you for coming.



**Class Environmental Assessment for Waterpower Projects
For the Proposed Blanche River Development:
Marter Twp. GS**

COMMENT FORM

Public Information Centre
Englehart Community Hall
August 23rd, 2011

THANK YOU for attending our Public Information Centre for the proposed Marter Twp. GS project on the Blanche River. We hope that you had the opportunity to learn more about our Company, the proposed project and the Class EA process. Please take a moment to answer a few questions and note your thoughts, comments or questions.

What is your interest in this project?

Affected Landowner Interested Community Member ___
 Interest Group Member ___ Government Representative ___
 Aboriginal Community Member ___ Other (please specify) _____

Please specify how you heard about this Public Information Centre:

Newspaper Ad Xeneca Website ___
 Other Media ___ Other (please specify) THMR

Did you find the information display panels and maps helpful in explaining the project? YES/NO

Were Xeneca staff members & consultant able to adequately answer your questions? YES/NO

If you have any concerns, comments or concerns that were not addressed today, please note them on the back of this form. Please include your NAME & CONTACT DETAILS if you require a response.

Please give your comment form to a Xeneca staff member today or you may send your comment to:

Stephanie Hodsoll
 Xeneca Power Development
 5255 Yonge Street, Suite 1200, North York, ON M2N 6P4 (**Please note our new address!**)
 Or email: shodsoll@xeneca.com

As always, please continue to visit our website for the most up-to-date project information: www.xeneca.com.



Additional Questions and Comments

Please describe any issues you feel should be addressed or any questions you may have that were not answered today.

Name: K. P. Fish & Game

Address & Postal Code: [Redacted]

Please send Description of Project to above.

No info receive yet to our club about Larder River Misema

Thank you

[Signature]

Why
no
info
at x
Star yo
A

From: Stephanie Hodsoll <SHodsoll@xeneca.com>
Sent: August-31-11 4:17 PM
To: Stephanie Hodsoll
Subject: Marter Twp. (Blanche River) Contact List
Attachments: Marter - PIC Comment Form - 23aug.docx

August 31, 2011

Good afternoon,

Thank you for attending Xeneca's Public Information Centre (PIC) for the proposed Marter Twp. project on the Blanche River.

If you have comments regarding the PIC or the proposed project, please feel free to fill out the attached document and return it by email, fax or post.

You have been added to the stakeholder contact list for this project, so you will receive project updates as they become available.

The panels presented at the Marter Twp. PIC are now posted at http://www.xeneca.com/projects/current_projects/blanche_river.html.

Thanks again for your participation and we look forward to working with you in future. Please contact me at any time with questions or comments.

Yours truly,
Steph

Stephanie Hodsoll
Public Affairs Liaison
Xeneca Power Development
5255 Yonge Street, Suite 1200
North York, ON M2N 6P4
T: 416-590-3077
F: 416-590-9955
www.xeneca.com

This transmission is intended only for the addressee and contains PRIVILEGED or CONFIDENTIAL information. If you have received this electronic mail in error, please immediately notify the sender. Any unauthorized disclosure, use or retention is strictly prohibited. Xeneca does not accept liability for any errors, omissions, corruption or virus in contents or attachments. Information is provided for use "as is" by the addressee. Revised documents must not be represented as Xeneca work product, without express, written permission of a Xeneca Director.

From: Stephanie Hodsoll <SHodsoll@xeneca.com>
Sent: August-31-11 4:18 PM
To: Stephanie Hodsoll
Subject: Thank you for attending Marter Twp. (Blanche River) PIC
Attachments: Marter - PIC Comment Form - 23aug.docx

August 31, 2011

Good afternoon,

Thank you for attending Xeneca's Public Information Centre (PIC) for the proposed Marter Twp. project on the Blanche River.

If you have comments regarding the PIC or the proposed project, please feel free to fill out the attached document and return it by email, fax or post.

The panels presented at the Marter Twp. PIC are now posted at
http://www.xeneca.com/projects/current_projects/blanche_river.html.

Thanks again for your participation and we look forward to working with you in future. Don't hesitate to contact me with any questions or comments.

Yours truly,
Steph

Stephanie Hodsoll
Public Affairs Liaison
Xeneca Power Development
5255 Yonge Street, Suite 1200
North York, ON M2N 6P4
T: 416-590-3077
F: 416-590-9955
www.xeneca.com

This transmission is intended only for the addressee and contains PRIVILEGED or CONFIDENTIAL information. If you have received this electronic mail in error, please immediately notify the sender. Any unauthorized disclosure, use or retention is strictly prohibited. Xeneca does not accept liability for any errors, omissions, corruption or virus in contents or attachments. Information is provided for use "as is" by the addressee. Revised documents must not be represented as Xeneca work product, without express, written permission of a Xeneca Director.

From: Stephanie Hodson <SHodson@xeneca.com>
Sent: June-14-12 4:11 PM
To: Stephanie Hodson
Subject: Invitation to Xeneca's Marter Twp. (Blanche River) Public Information Centre
Attachments: Marter PIC Ad - June 27 - French.pdf; Marter PIC Ad - June 27.pdf

June 14, 2012

Good afternoon,

Xeneca would like to invite you to our upcoming Public Information Centre (PIC) for the Marter Twp. waterpower project on the Blanche River.

This is a follow-up to our first Marter Twp. PIC in August 2011, and you will have the opportunity to learn more about the project with results of substantive additional field studies conducted in 2011 through spring 2012.

The PIC will be held at the Englehart Community Hall from 4 – 8 p.m on June 27, 2012.

The advertisement for the PIC will be printed in the Northern Daily News on June 15 and June 20 in both English and French. Copies of the advertisement are attached and can also be found at

<http://www.xeneca.com/home/Latest%20Updates/updates.html>

Members of the project team (Xeneca staff & consultants) will be on hand for the event to provide information on the project and to answer questions from the attendees. It will be an open house format, rather than a formal presentation. Maps and informational panels (both process-related and project-specific) will be on display.

Should you require additional information, please let me know.

We hope to see you at the PIC!

Yours truly,
Steph

Stephanie Hodson
Stakeholder Relations
Xeneca Power Development
5255 Yonge St., Suite 1200
North York, ON M2N 6P4
(416) 590-3077

[REDACTED]

From: Stephanie Hodsoll <SHodsoll@xeneca.com>
Sent: June-20-12 3:04 PM
To: CJKL FM NEWS
Subject: RE: FW: Invitation to Xeneca's Marter Twp. (Blanche River) Public Information Centre

Hi Alan,

I'm doing well thanks. It's steaming today so just hiding out in the AC!
We can definitely set up an interview with Mark Holmes, VP Corporate Affairs. I will have him give you a call on Monday, June 25 around 11 a.m.

Hope to see you at the PIC!
Cheers,
Steph

Stephanie Hodsoll
Stakeholder Relations
Xeneca Power Development
5255 Yonge St., Suite 1200
North York, ON M2N 6P4
(416) 590-3077

-----Original Message-----

From: CJKL FM NEWS [<mailto:cjklnews@gmail.com>]
Sent: Tuesday, June 19, 2012 10:31 AM
To: Stephanie Hodsoll
Subject: Re: FW: Invitation to Xeneca's Marter Twp. (Blanche River) Public Information Centre

Hello Stephanie,

I am well, how about yourself?

I'm not sure what my availability will be like that day, yet, but I would like to do an interview with a Xeneca rep. about the PIC.

They can reach me at [REDACTED] Mon-Fri between 10 and 5.

Thank you.

On Tue, Jun 19, 2012 at 10:26 AM, Stephanie Hodsoll <SHodsoll@xeneca.com> wrote:

> Hi Alan, how are you doing? Are you interested in attending/covering our PIC
> next Wednesday? It's from 4-8 at the Englehart Community Hall. Please let me
> know.

>

>

>

> Cheers,

>

> Steph

>

>

>

> Stephanie Hodsoll

>

> Stakeholder Relations

>
> Xeneca Power Development
>
> 5255 Yonge St., Suite 1200
>
> North York, ON M2N 6P4
>
> (416) 590-3077
>
>
>
> From: Stephanie Hodsoll
> Sent: Thursday, June 14, 2012 4:11 PM
> To: Stephanie Hodsoll
> Subject: Invitation to Xeneca's Marter Twp. (Blanche River) Public
> Information Centre
>
>
>
> June 14, 2012
>
>
>
> Good afternoon,
>
>
>
> Xeneca would like to invite you to our upcoming Public Information Centre
> (PIC) for the Marter Twp. waterpower project on the Blanche River.
>
> This is a follow-up to our first Marter Twp. PIC in August 2011, and you
> will have the opportunity to learn more about the project with results of
> substantive additional field studies conducted in 2011 through spring 2012.
>
>
>
> The PIC will be held at the Englehart Community Hall from 4 – 8 p.m on June
> 27, 2012.
>
>
>
> The advertisement for the PIC will be printed in the Northern Daily News on
> June 15 and June 20 in both English and French. Copies of the advertisement
> are attached and can also be found at
> <http://www.xeneca.com/home/Latest%20Updates/updates.html>
>
>
>
> Members of the project team (Xeneca staff & consultants) will be on hand for
> the event to provide information on the project and to answer questions from
> the attendees. It will be an open house format, rather than a formal
> presentation. Maps and informational panels (both process-related and
> project-specific) will be on display.
>
>
>
> Should you require additional information, please let me know.
>
>
>
> We hope to see you at the PIC!

>
> Yours truly,
>
> Steph
>
>
>
>
>
> Stephanie Hodson
>
> Stakeholder Relations
>
> Xeneca Power Development
>
> 5255 Yonge St., Suite 1200
>
> North York, ON M2N 6P4
>
> (416) 590-3077
>
>

--
Alan Pedwell
News Director
101.5 CJKL FM
5 Kirkland St. East,
Kirkland Lake, ON, P2N 1N9
www.cjklfm.com
Phone: 705-567-6200
Cell: 705-668-1779
Fax: 705-567-6101

Overview of Public Information Centre,

Marter Township

Englehart Ontario

June 27, 2012

Attending:

John Pollock, Woodland Heritage

Dean Assinewe, Xeneca FN Liaison

Vanesa Enskaitis, Xeneca

Stephanie Hodsoll, Xeneca

Mark Holmes, Xeneca

PIC commenced at 4 p.m. with attendance of 14 stakeholders throughout the four hour meeting.

Among those attending from government agencies were:

Leanne Kentish, MOE

Eleanor Moro, MNR

Leah Marinigh, MNR

Brian Turnbull, MNR

Laurie Ypya, Northern Development Officer, Timmins Area Team, MNDM

Among stakeholder groups represented were:

Ontario Federation of Anglers and Hunters

Members of the OFAH asked questions regarding impacts to Stewart Rapids where there is a known presence of sturgeon. Given that Stewart Rapids is on the Englehart River downstream from the confluence with the Blanche River, impacts are expected to be minimal.

OFAH members from Kirkland Lake recently received a response to their 2011 letter and included in the response was a package of material which included biology reports.

Questions were posed regarding protection of the fishery, the cost of electricity, Gross Revenue Charges, decommissioning commitments, First Nations involvement and project development timelines.

MNDM staffer, Laurie Ypya was walked through the information panels and socio economic impacts were of particular interest. Contact will be made in the near future to discuss programs such as internships that might be developed through the project.

MNR acknowledged there was a lot of new information presented, but expressed concerns on the accuracy of downstream impacts.

Follow up with Kirkland Lake District lead Shaun Walker will be required and meetings to discuss the results of hydraulic modeling and downstream effects should also occur in the near term.

The PIC concluded at 8 p.m.



**Class Environmental Assessment for Waterpower Projects
For the Proposed Marter Twp. GS Project**



**Public Information Centre
Wednesday, June 27th, 2012
4 – 8 p.m.**

Englehart Community Hall, Englehart

SIGN-IN SHEET (PLEASE PRINT)

Name	Affiliation (club, association, landowner) – if applicable	Email	Phone Number
John Pollock	Woodland Heritage Services		[REDACTED]
Laune Ypva.	MNDM	[REDACTED]	[REDACTED]
Bruce Jewitt			



Name	Affiliation (club, association, landowner) – if applicable	Email	Phone Number
DAVE ALLEN			[REDACTED]
PETER SWONS		[REDACTED]	
Leah Marinigh	MNR		
Eleanor Moro	MNR		
DOUG METSON	TOWN OF ENGLEWOOD Timiskaming District Unit		
R. Bond			
FERN FOURMILLO	RAVEN LAKE COFTAGE ASSOC.		[REDACTED]



Name	Affiliation (club, association, landowner) – if applicable	Email	Phone Number
Tom Woollings	K.D.G. & F.P.A.	[REDACTED]	
Lianne Kentish	MOE		
Brian Turnbull	MNR	[REDACTED]	
Bruce Wilson		[REDACTED]	



Welcome to our Final Public Information Centre

Today's Public Information Centre (PIC) will give you up-to-date information on the Class Environmental Assessment (Class EA) process for this project and provide an opportunity to learn more about the project with results of substantive additional field studies conducted in 2011 through spring 2012.

Thank you for your continued interest in this project. Your comments, concerns and input on environment, social issues and economic considerations have helped to make this a better project.

This PIC is an important part of the public consultation process associated with the Class EA process so we thank you for joining us today. We welcome your additional input so if you have further comment or observations please fill out a comment form before you leave our meeting.

For your convenience copies of the presentation material, as well as current project information, can be found on the Xeneca website at www.xeneca.com

Thank you for joining us today.



Company Information

Xeneca Power Development Inc. is primarily engaged in the identification, development, permitting & construction of waterpower electricity generating facilities in the Province of Ontario.

Operating ethically & in compliance with all Federal & Provincial policy regulating waterpower facilities in Ontario, Xeneca believes in & promotes sustainable development & the creation of green, renewable energy.

Xeneca prides itself for its contributions to develop sound, practical & effective public policy on waterpower in Ontario. Xeneca believes in and practices, good corporate citizenship & governance.



Blanche River



Lapinagam Rapids, Kapuskasing River

Xeneca Power Development Inc.
5255 Yonge Street, Suite 1200
North York, ON M2N 6P4
Phone: 416-590-9362
Toll Free: 1-888-590-9362
Fax: 416-590-9955

Email: venskaitis@xeneca.com or
shodsoll@xeneca.com

www.xeneca.com

Project Team:



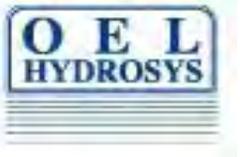
Hatch Energy – Oakville/Niagara Falls; Provides a complete range of services for the assessment, planning, implementation & operation of waterpower projects.



Woodland Heritage – Sault St. Marie; Archaeological Investigation.



KBM Forestry Consultants – Thunder Bay; Individual & industry stakeholder consultation, Water Management Planning.



OEL-HydroSys is dedicated to the provision of engineering & project management services to the waterpower & hydraulic structures industry.



NRSI provides innovative, practical & cost-efficient environmental & biological support for waterpower projects.



ORMG provides its private, business & government clients with natural resource consulting services that help expand and sustain their personal or business enterprises.

Government Agencies Involved:

The Ministry of the Environment & the Ministry of Natural Resources are the lead agencies for the review of the Class EA for Waterpower Projects; the Ministry of Energy and Infrastructure & Ministry of Tourism and Culture are also involved in the review.

Federal agencies involved include: Canadian Environmental Assessment Agency, Fisheries and Oceans Canada, Environment Canada & Transport Canada.

How Hydroelectric Power Works

- The diagram shown below outlines the components found in a typical hydro-electric facility. Hydro facilities vary in size & in design. Adjustments to their layout may be made, but the essential components usually remain the same.
- The five essential components of a hydro-electric plant, excluding the dam, are: the intake, penstock, turbine, generator & the tailrace.

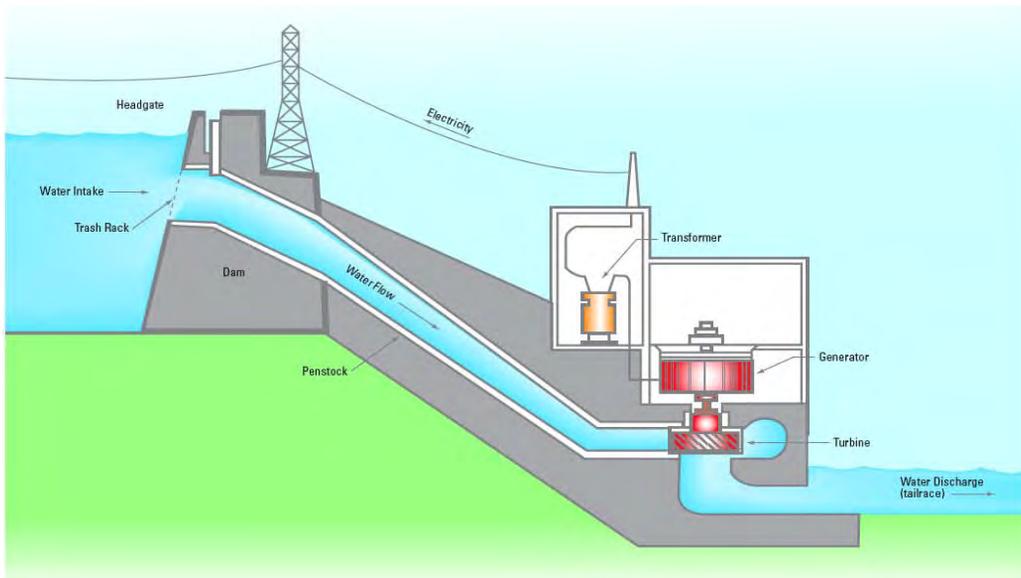


Photo Courtesy of Ontario Power Generation

Electricity is generated by the following process: water flows into the intake & is directed into the penstock; the movement of the water turns the turbine which is connected to a generator; the generator, set in motion by the action of the turbines, creates electricity. The water then passes into the tailrace & back into the river system.

The turbine & the generator function jointly and are housed together in a powerhouse. The control gate can be managed to let in more or less water depending on the flow of the water body.



Benefits of Waterpower

Renewable - hydropower “fuel” is essentially unlimited & is not depleted during the production of electricity.

Clean - hydropower uses water to generate electricity. It does not produce air pollution or create toxic by-products.

Natural - hydropower facilities harness the energy of flowing & falling water to generate electricity.

Efficient - modern hydropower turbines are capable of converting more than 90% of available energy into electricity, which is more efficient than any other form of generation.

Reliable - hydropower can go from zero power to maximum output rapidly & predictably; making hydropower very good for meeting ever-changing electricity demands.

Local and secure - water from our rivers is a domestic resource that is not subject to disruptions from foreign suppliers, cost fluctuations or transportation issues.

Local contribution - significant contribution to local tax base revenue, monies will be spent locally during construction on goods, services, and labour to the extent practicable.

Job creation – full & part-time employment opportunities during the construction & operation phases.



Long Term Benefits of Waterpower

Waterpower is an “engine of employment”

- Studies by Navigant Consulting for National Hydropower Association confirm observations made by the Ontario Waterpower Association that a revitalized waterpower industry will, conservatively, create 30,000 well-paying permanent jobs.
- Direct employment is estimated to be 10,000 person hours per MW of development & indirect employment adds a further 1.5 jobs per MW.
- Also, 50 new waterpower projects are now underway in Ontario, creating more than 5,000 jobs, many of them in the northern Aboriginal & non-Aboriginal Communities where economic development is critically needed.



By revitalizing Ontario's waterpower industry, a homegrown manufacturing & skills set can be exported globally to take advantage of a \$ 3 trillion industry.

The Class Environmental Assessment Process

- The Ontario Waterpower Association's ***Class Environmental Assessment (Class EA) for Waterpower Projects*** is the source document for planning the development of waterpower facilities.
- The Class EA is a planning process that allows proponents the opportunity to assess the potential for effects to the environment using the best information available in order to make an informed decision about how, or whether, a project should proceed.
- The Class EA process will incorporate the development/modification of a Water Management Plan for the project and provide opportunity for public input to the plan. The entire Class EA process takes 12 – 24 months to complete.



Stakeholders are encouraged to discuss any concerns or issues related to the project with Xeneca staff at any time. Xeneca will put forth its best efforts to include & address your concerns in the Class EA report. If at the Notice of Completion stage you have outstanding significant concerns, a written request for a Part II Order can be made to the Minister of Environment under the Environmental Assessment Act to elevate or "bump-up" the project to a full EA. A copy of the Part II Order request must also be sent to Xeneca at that time.

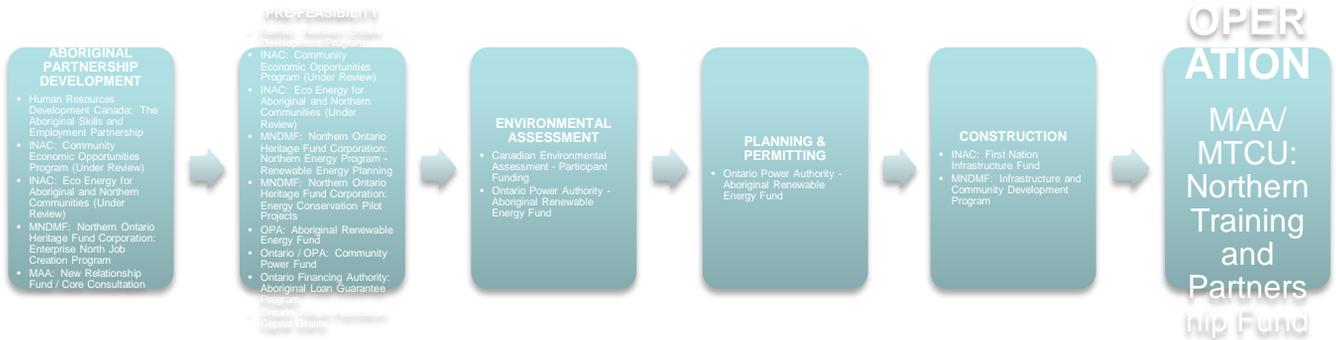
You can obtain copies and learn more about the Class EA from the OWA website: www.owa.ca or by visiting the Xeneca website.

Aboriginal Relations

Xeneca is currently working toward engaging all Identified Aboriginal Communities in the project area.

In addition, Xeneca:

- will work toward incorporating Traditional Aboriginal Knowledge in the EA process through active participation by Aboriginal people;
- will work toward developing business agreements with each community; and
- Acknowledges & will work to address the rights, culture and concerns of all Aboriginal peoples.



For more information about Xeneca's Aboriginal Relations Policy and for project updates, please visit our website at:

www.xeneca.com

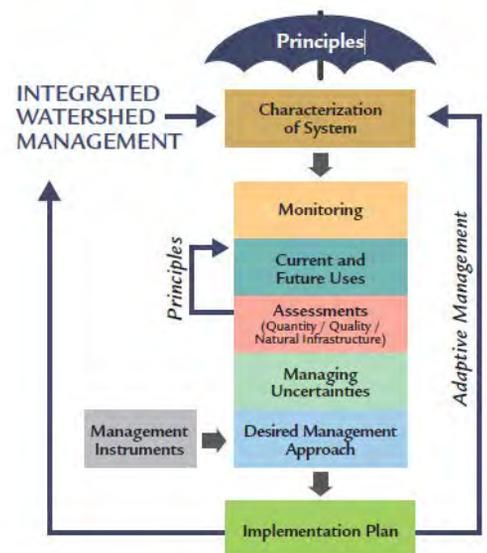
Or contact Xeneca's Aboriginal Relations Liaison:

Dean Assinewe: Dassinewe@Xeneca.com

Water Management Plans (WMPs)

- WMPs are part of Ontario's *Lakes and Rivers Improvement Act* & are intended to:
 - develop amendments to &/or follow WMPs for existing facilities
 - identify water flow & level compliance requirements for waterpower facilities & water control structures
 - ensure compliance with a WMP is achieved through consensus among water resource users who work toward agreement on operating plans & monitoring programs.
- WMPs are a legislated responsibility of MNR & are developed according to provincial guidelines found in the "*Water Management Planning Guidelines for Waterpower*"
- WMP goal: balance environmental, social & economic objectives; ensure sustainability of aquatic ecosystem
- Most Xeneca projects are on river systems with existing WMPs. Where a WMP does not yet exist, one will be created.

Figure 2: Water Management Framework



Source: Conservation Ontario



Archaeology

- Woodland Heritage Services Limited retained to complete archaeological assessments in accordance with the Standards and Guidelines for archaeological assessment as set out by the Ontario Ministry of Tourism and Culture (MTC.)
- Stage 1 archaeological assessment conducted in fall & winter 2010/2011 - submitted to & accepted by the MTC.
 - Stage 1 report evaluated the existing archaeological knowledge of the study area & recommended areas where Stage 2 research is required.
 - Stage 2 archaeological studies are field assessments that, through on-site inspection via shovel test pits, determine if archaeological sites actually exist.
 - If archaeological sites are confirmed through Stage 2 testing, recommendations are made regarding the next steps required eg. further archaeological work (Stage 3/4 excavations) or avoidance.
- All archaeological recommendations are reviewed & approved by MTC, independent of the Feed In Tariff process.



Socio-Economic Impacts

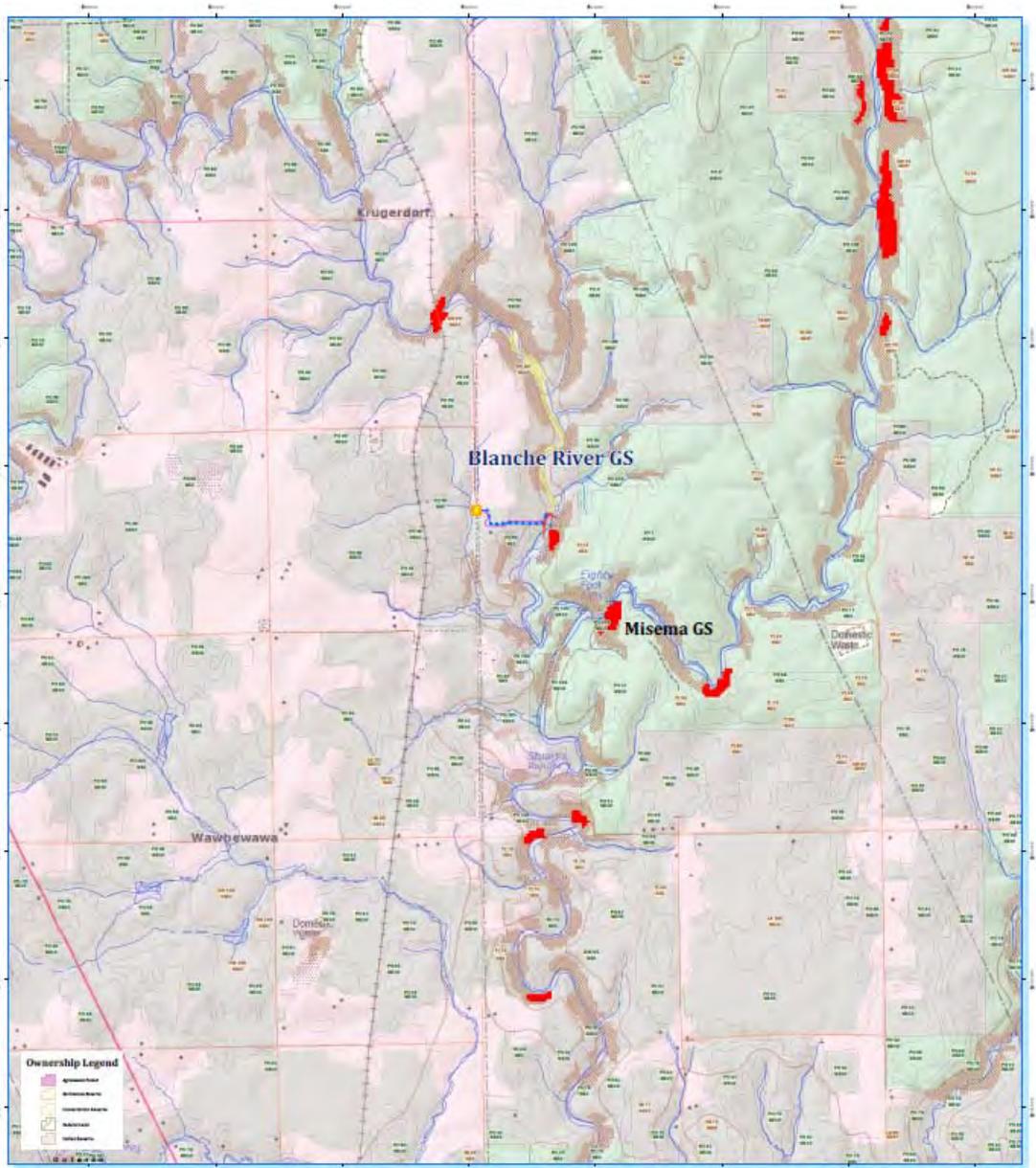
As part of the Class EA process, the project's socio-economic effects – both positive & potentially negative – are assessed. Assessment tools range from frontline consultation with Aboriginal & non-Aboriginal Community members to public & individual meetings with resource users & business interests. Through media advertising, news articles, public notices, websites, phone calls, written correspondence outreach is made to the broadest possible spectrum of stakeholders.

Understanding of the current socio-economic picture & how the project may change the local & regional outlook is further developed using government agency input & Xeneca's research team. Where it is determined the socio-economic effect will be positive, Xeneca endeavours to enhance the effect. Where the socio-economic effect may have undesirable effects, Xeneca works with stakeholder to avoid the issue or mitigate its effect.

Net effects currently being studied are:

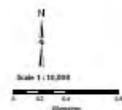
- Current employment & economic settings
- Short- & long-term job creation
- Local procurement of goods & services
- Commercial/industrial uses of the project area
- Recreational use of the area
- Public health & safety

Marter Twp. Proposed Access & Power Lines

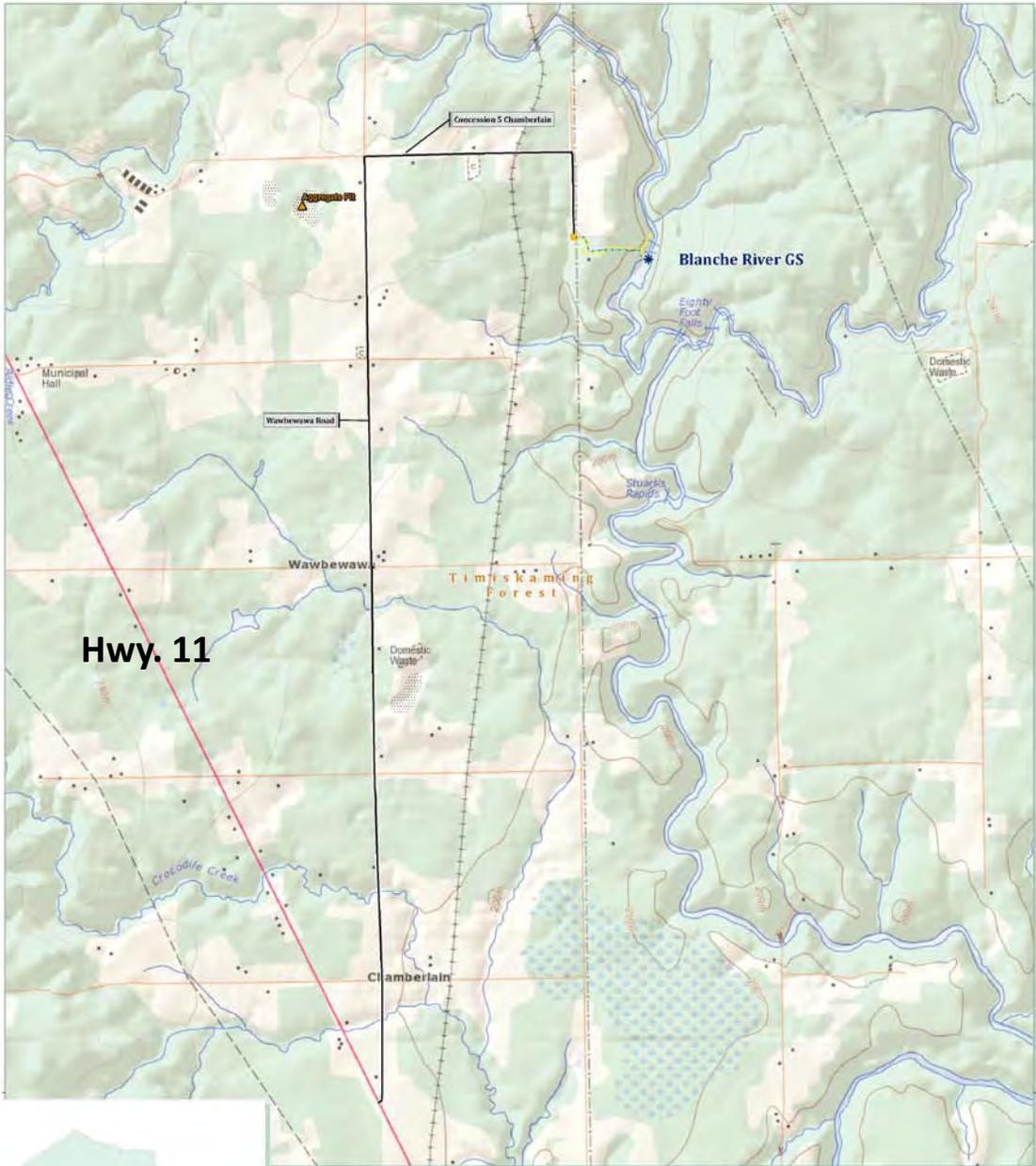


Tile E_29 Blanche River (Marter Township)

- | | | | |
|--------------------------------|--------------------------------------|--|---------------------|
| Point of Connection (PC) | Potential Inundation Zone | Resource / Recreation Access Route (requires field verification) | Secondary Haul Road |
| Point of Common Coupling (PCC) | Ecosites 14, 15, 16, 17, 18 or 19 | New Access Road | Winter Haul Road |
| Slope Class 20 - 30% | Proposed Distribution Line | Potential New Access Road | Tertiary Haul Road |
| Slope Class 30% plus | Proposed Alternate Distribution Line | Primary Haul Road | |



Marter Twp. Location



Reference Data from the Land Information Institute Data Warehouse, Ontario Ministry of Natural Resources, Digital Aerial Photography from IBM Business Group, The Geo Info Centre (www.igic.com)

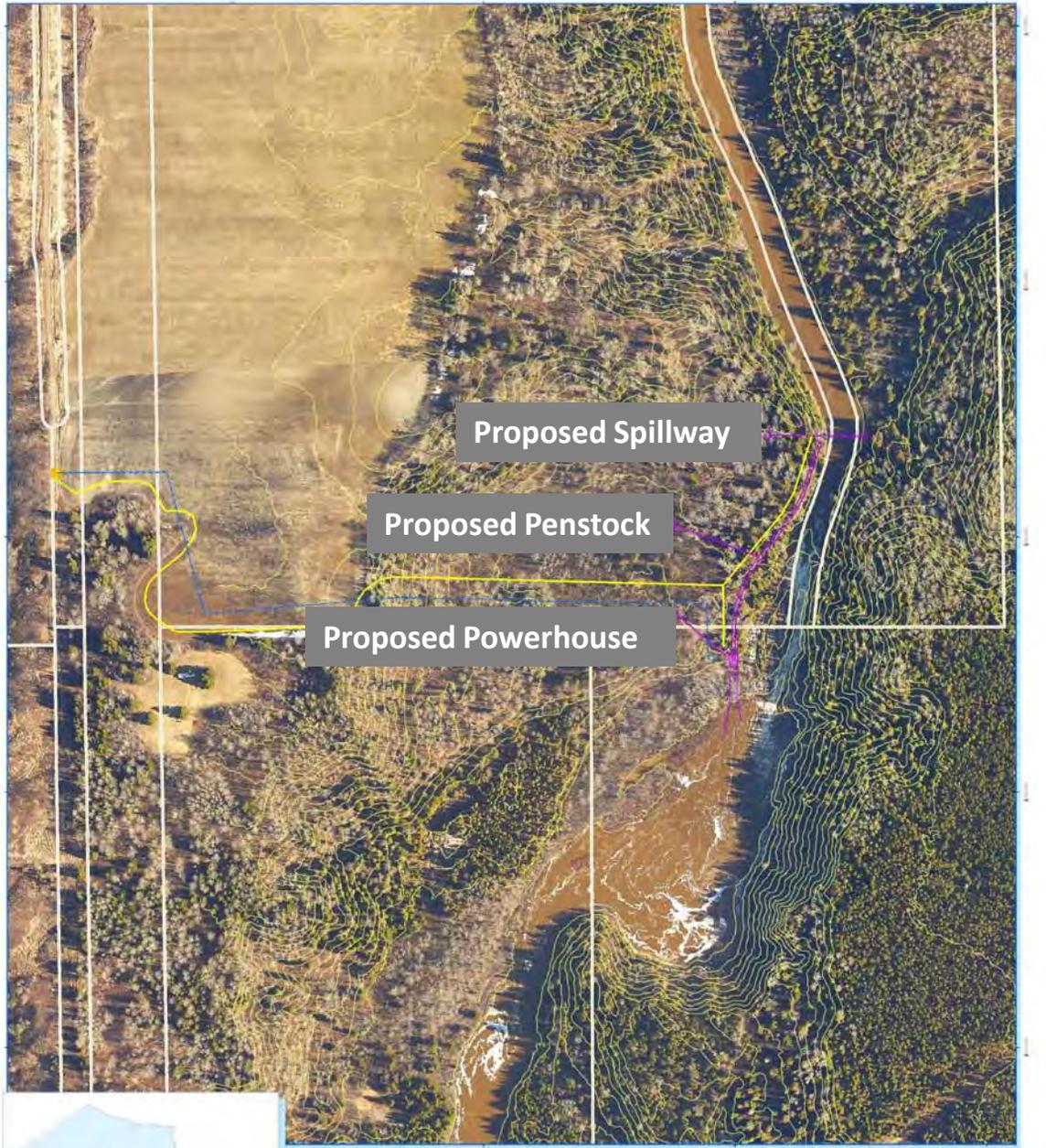
Date Created & Revised: June 11, 2013

Blanche River (Marter Township)

- | | | |
|--------------------------------|------------------------------|--------------------------------|
| Dam Site | Forest Management Unit | Access Route (Primary Road) |
| Aggregate Pit | Proposed Powerline | Access Route (Secondary Road) |
| Point of Connection (PC) | Proposed Alternate Powerline | Access Route (Tertiary Road) |
| Point of Common Coupling (PCC) | | Access Route (New Access Road) |



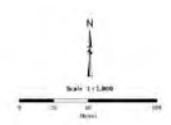
Marter Twp. Layout Design



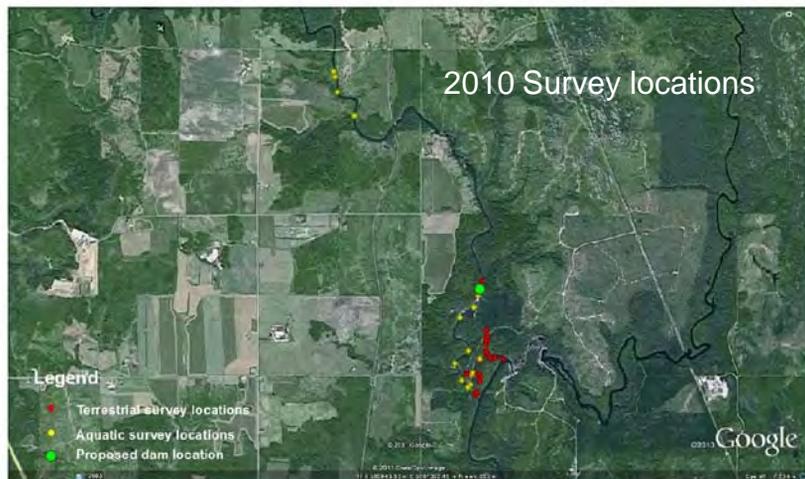
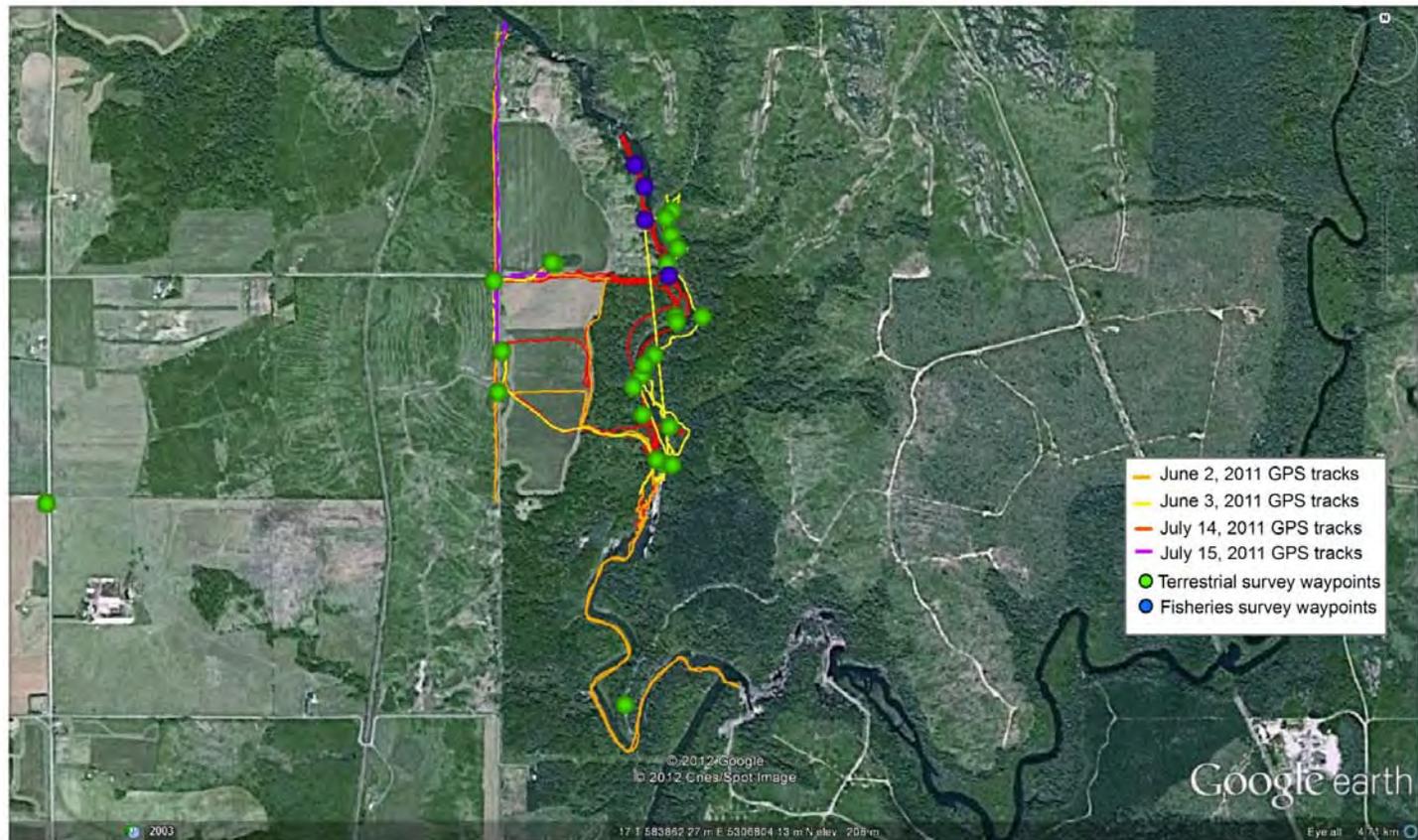
Reference Data Provided: Land Information System (LIS) data provided by the Ministry of Natural Resources (Digital Aerial Photography from 2008) (Source: Geo Information Systems, Toronto) (By Ontario (Government))
 Date Created: Thursday, June 12, 2014

Blanche River (Marter Township)

- Point of Connection (PC)
- Proposed Powerline
- Contours (2.5m intervals)
- Point of Common Coupling (PCC)
- Proposed Alternate Powerline
- Parcel Boundary
- Existing Access Road
- New Access Road



2011 Biology Survey Locations – Marter Twp. Project



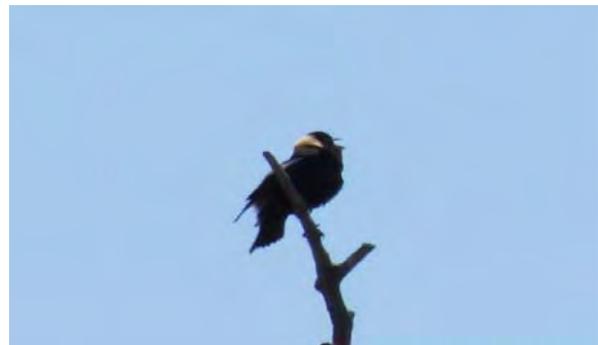
2010-2011 Marter Twp. Biology Survey Results

Selected Species of Interest	Provincial Designation	Federal Designation	Detected during 2010-2011 surveys?
Lake Sturgeon	THR	-	No
Bobolink	THR	-	Yes
Whip-poor-will	THR	THR	No
Canada Warbler	SC	THR	Yes
Yellow Rail	SC	SC	No
Northern Pike	NAR	-	Yes
Muskellunge	NAR	-	No
White Sucker	NAR	-	Yes
Walleye	NAR	-	No
Freshwater Mussels	Various	Various	No
Freshwater Sponges	Various	Various	No
Rocky Mountain Capshell	SU	-	No
Syngrapha altera	S2?	-	No
Incurvate Emerald	S1	-	No

Designations: END – Endangered; THR – Threatened; SC – Special Concern; NAR – Not at Risk; S1 – S3 – Species of conservation concern: (SU – Unrankable; S1 – Critically Imperilled; S2 – Imperilled; ? – Rank uncertain)



Lake Sturgeon: Image © New York State Department of Environmental Conservation



Bobolink: Image © Lisa Uskov (ORMG)

Proposed/Ongoing 2012 Biology Studies – Marter Twp. Project

Selected Species of Interest	
Bobolink	Lake Sturgeon
Whip-poor-will	Walleye
Canada Warbler	Northern Pike
Golden-winged Warbler	Freshwater Mussels
Yellow Rail	Freshwater Sponges
Short-eared Owl	Rocky Mountain Capshell
Common Nighthawk	Syngrapha altera
Olive-sided Flycatcher	Rusty Blackbird

Ongoing 2012 surveys

- Surface water quality sampling in zone of influence
- Nocturnal insect surveys utilizing light traps
- Targeted broadcast calling for Canada Warbler, Rusty Blackbird & Golden-winged Warbler
- Passive call monitoring for target & incidental species using acoustic receivers
- Targeted Bobolink surveys in suitable habitat
- Methylmercury fish tissue sampling (July 2012)
- Extended inundation area habitat surveys
- General fish community sampling surveys in Blanche River using 4' trap nets



Canada Warbler: Image © Brenda Carroll

New Biology Studies Since August 2011

Marter Twp. PIC

- Methylmercury fish tissue sampling (proposed for July 2012)
- Extensive surface water quality sampling
- Targeted Bobolink surveys
- Fisheries surveys utilizing 4' trap nets
- Broadcast call surveys for selected avian species of interest
- Nocturnal insect surveys utilizing light traps

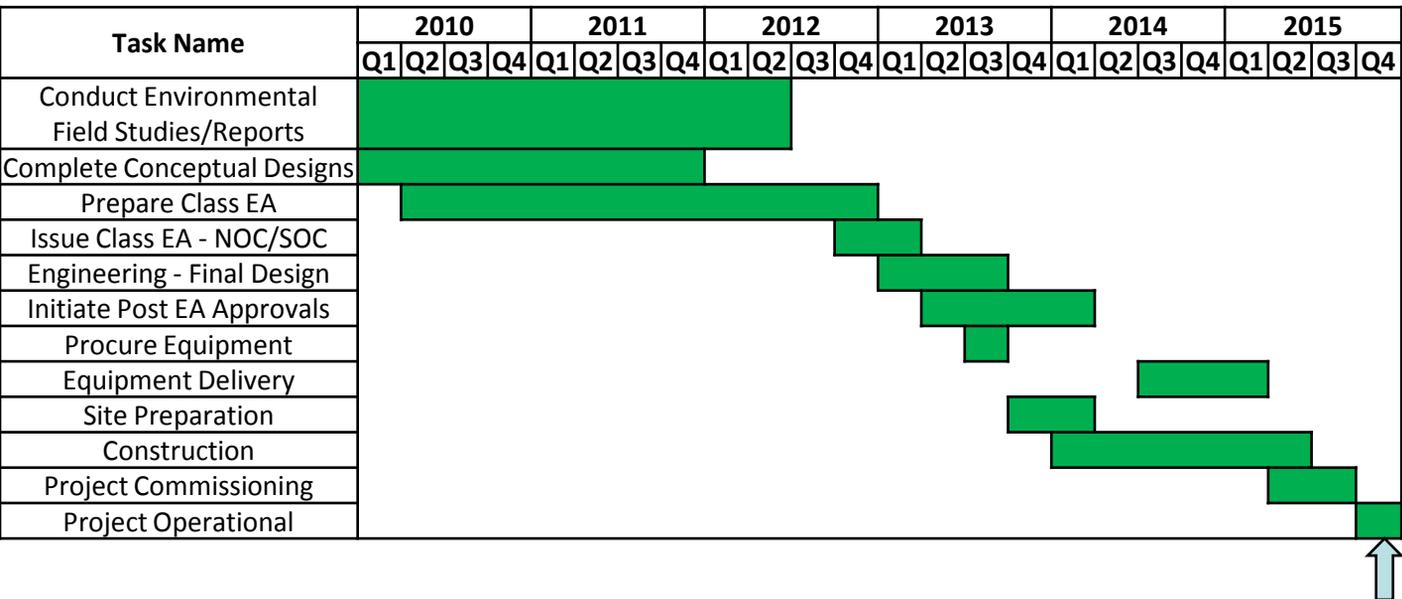


Bobolink Habitat: Image © Lisa Uskov (ORMG)



Nocturnal Insect Light Trap: Image © Lisa Uskov (ORMG)

Timeline – Next Steps



(Extended FIT Contract Operation Date: October 2015)

*Archeological studies, EA monitoring and field studies will be ongoing throughout the development process and First Nation and non-Aboriginal engagement is encouraged.

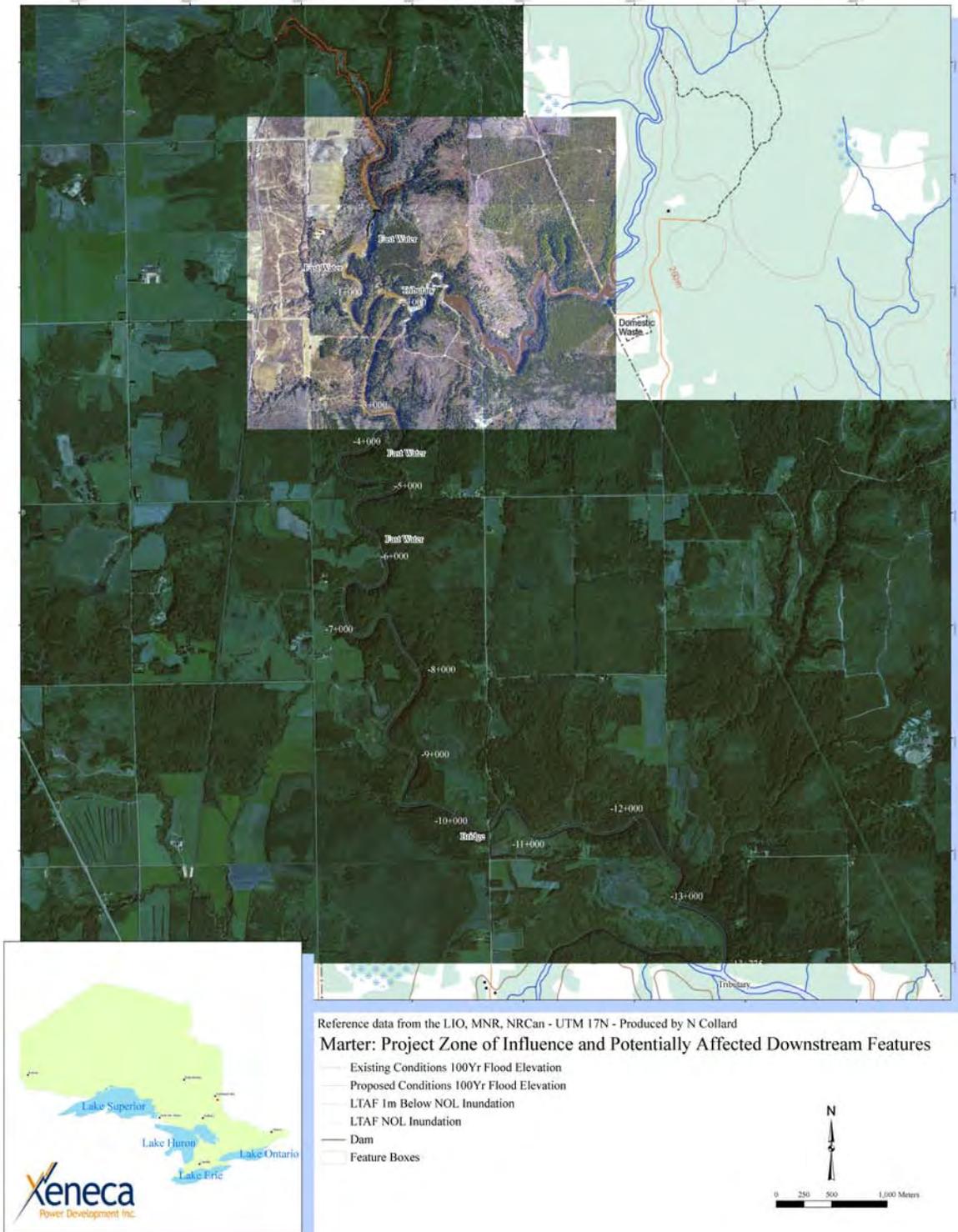


Archaeology

A Stage 1 & Stage 2 assessment of the Marter Twp. project has been completed. Further work is planned for 2012.



Upstream & Downstream Zone of Influence



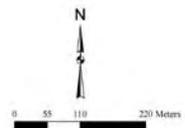
Upstream Headpond



Reference data from the LIO, MNR, NRCan - UTM 17N - Produced by N Collard

Marter: Zone of Influence - Upstream

- Existing Conditions 100Yr Flood Elevation
- Proposed Conditions 100Yr Flood Elevation
- LTAF 1m Below NOL Inundation
- LTAF NOL Inundation
- Dam



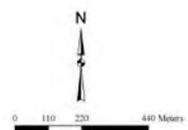
Downstream Zone of Influence & Features (1 of 2)



Reference data from the LIO, MNR, NRCan - UTM 17N - Produced by N Collard

Marter: Zone of Influence - Downstream Map 1

- Feature Boxes
- Centreline



Downstream Zone of Influence & Features (2 of 2)



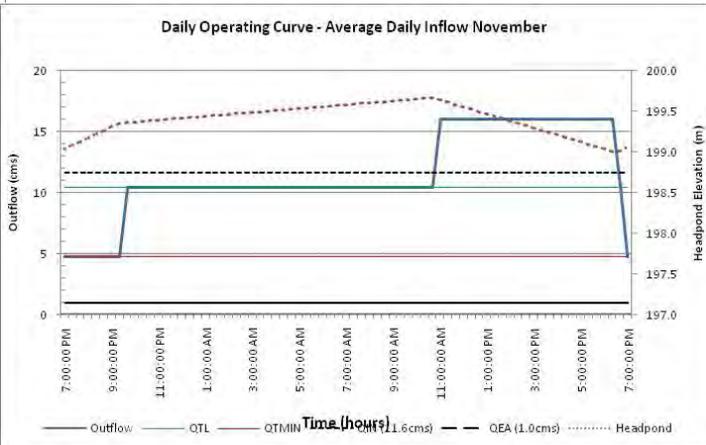
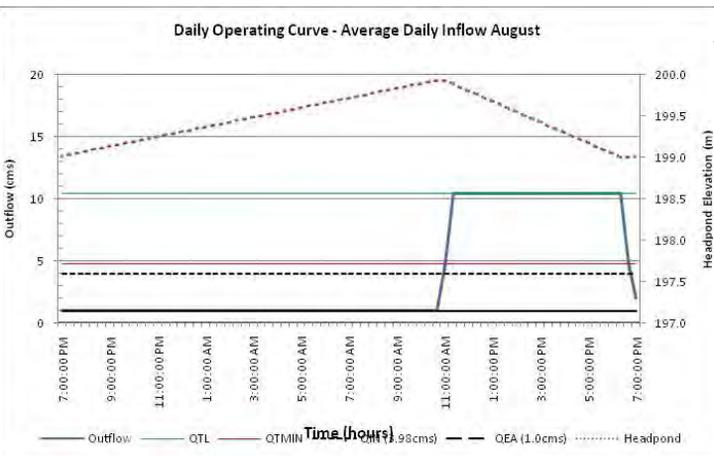
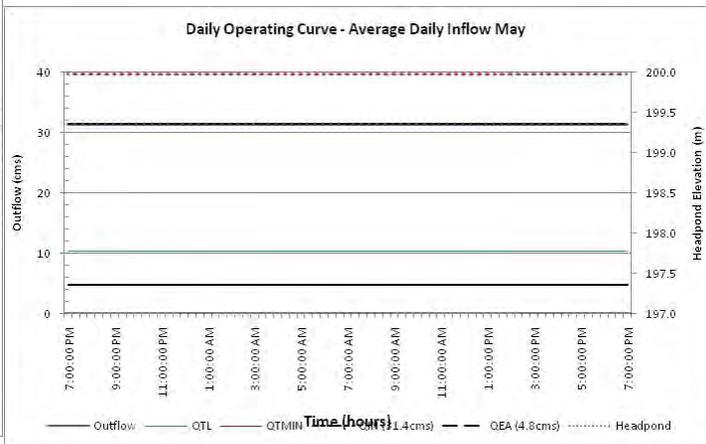
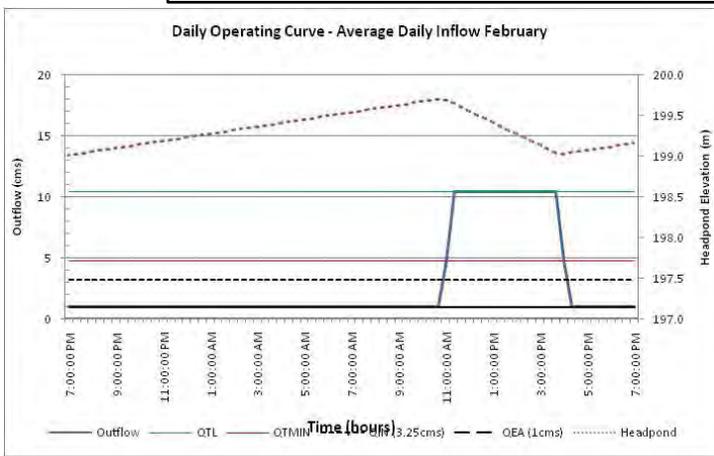


Typical Monthly Operations, Flows & Water Level Charts

The charts are based on the PROPOSED Dam Operating Plan (DOP.) These numbers may change pending the outcome of discussions with regulatory agencies & stakeholders.

Legend

Outflow – Flow through turbine
QTL – Limited turbine flow (65% of turbine design flow)
QTMIN – Minimum turbine flow (30% of turbine design flow)
QEA – Environmental Flow
QIN – Natural Flow





Stakeholder Engagement

The objective of the public consultation process is to identify & address public concerns & issues and to provide the public with an opportunity to receive information about, & make meaningful input into, the project review & development.

EA Considerations/ Number of Stakeholder Contacts	General natural environment – 2 Aquatic & riparian ecosystem – 3 Land & resource use – 12 EA process/general – 44
Specific Issues Raised by Stakeholders & Mitigation Measures	<ol style="list-style-type: none"> 1. Roads - Road improvement & maintenance, road routing Engineering has assessed road placement based on lowest environmental impact, no/minimal impact to private landowners & what makes greatest economic sense. Consideration has been given to recreational users such as snowmobilers, anglers/hunters, remote tourism operations. Dialogue will continue with these stakeholders. Existing roads will be used as much as possible. 2. Economy – Impact on local economy, job creation Construction & operation of the project will generate a positive economic effect in Englehart & Cochrane for the local population & First Nations Community members. Economic benefits include promotion of contract bids & offers of service from local communities, procurement of local & regional construction labour & materials, consulting & legal services, trucking & other services such as accommodation, food and fuel from local merchants (e.g., accommodation, food, gas providers) in the area are expected to benefit from construction activities. Direct job creation (construction) is estimated to be approximately 21,000 person hours of work. 3. Environmental Impacts - Fish/other aquatic species in Blanche River, Bobolink presence in proximity to the site Please see environmental panels with biology studies & results. 4. Blanche River - Water flows, seasonal water levels Hydraulic modeling, flows & operation plans combine to provide realistic water flows & seasonal water levels during operation. 5. Remoteness of site Public access to the site is not expected to change, as Xeneca plans to use existing roads. 6. Gross Revenue Charge Xeneca is working with municipalities to help them get their fair share. 7. Private landowners Xeneca continues to work with private landowners.



Aboriginal Engagement

First Nations (FNs) & Métis hold a unique position in Canada & have a legally protected right to participate in the development & review of resource management strategies or plans in areas they assert to be traditional territories, including Crown lands outside areas where treaties apply.

Xeneca has given particular consideration to the concerns of FN's & Métis located in the vicinity of, or having a potential interest in, the project. Aboriginal Communities have been identified, notified, consulted & involved in an appropriate manner. In addition, Xeneca will solicit participation of local Aboriginal Communities in the archaeological study for the site and have asked for participation in projects' co-ordination meetings for the Class EA.

Consultation Efforts	<ul style="list-style-type: none"> • Introductory package sent to Aboriginal Communities on June 24th, 2010 • Ongoing communication via e-mail, phone, in addition to face to face meetings and teleconferences with Communities • One (1) meeting with Matachewan First Nation • Four (4) meetings with Métis Nation of Ontario
EA Considerations/Community Issues	<p>General natural environment – 3 Aboriginal Community Considerations - 3 Land & Resource use - 1 Cultural Heritage Resources – 1 EA Process/General – 1</p>
Specific Issues Raised by Communities	<p>Consultation protocols with Aboriginal Communities; Economic participation of Aboriginal Communities; First Nations to perform own studies on potential effects of project, Archaeological study participation; Biological Assessment reviews; Land Claims</p>
Xeneca's Response to Issues Raised by Communities	<ul style="list-style-type: none"> • Xeneca's Aboriginal Consultation Plan is a DRAFT document that can be modified to incorporate an Aboriginal community's specific conditions or protocols. • Xeneca is prepared to enter in an Agreement and develop a business structure that fosters business relationship. • Xeneca utilizes reputable third party contractors to complete environmental, technical & archaeological studies. Xeneca is willing to be cooperative to third party review. • Xeneca invites Aboriginal Communities to participate on Stage II archaeological field studies and review/meetings of subsequent reports. If Stage III is necessary, Xeneca will also invite participation. • Xeneca is willing to share Environmental Studies to enable Aboriginal Community review. • Xeneca acknowledges & has documented the First Nation community assertion that a Land Claim is being prepared that encompasses the project location.



Stakeholder Consultation Efforts

Xeneca's consultation program provides outreach to identify potential stakeholders, engage stakeholders & provide the means and opportunity for public participation in the development process.

The goals of the public consultation program are to:

- identify & notify potentially interested & affected stakeholders;
- identify & assess the range of positive & any potentially negative environmental & socio-economic effects of the project; and
- address the concerns of adjacent property owners, interest groups & members of the public that may be directly affected by the project.

To achieve these goals, the public consultation program will:

- identify potentially affected stakeholders;
- describe how the project may affect the natural and socio-economic environment;
- provide appropriate notification to identified stakeholders as prescribed by CEAA and the Waterpower Class EA;
- inform the public where, when & how they can engage in the process;
- identify public benefits, concerns & issues related to the project;
- address public concerns & issues raised regarding development & operation; and
- document public input & how public concerns are addressed, issues are avoided or mitigation measures are put into place during project planning & development.

Consultation Effort	Date
Notice of Commencement (advertised in French & English in Northern Daily News)	July 28, 2010; July 30, 2010; August 20, 2010; August 25, 2010
Notice of Commencement re-issued (advertised in French & English in Northern Daily News)	November 10, 2010; November 12, 2010; December 22, 2010; December 23, 2010
First Public Information Centre (advertised in French & English in Northern Daily News)	August 23, 2011
Project Information & Map Provided to Stakeholders in Takehome Package	August 23, 2011
Solicited Comments on Comment Forms	August 23, 2011
Meeting with Town of Englehart	August 23, 2011
Presentation to Township of Chamberlain	November 1, 2011
Project update emails to stakeholder contact list	February 15, 2011; August 17, 2011; as applicable
Website updates	As applicable
Letters to stakeholders/stakeholder groups	As applicable



Thank you for visiting today's Public Information Centre (PIC)

We appreciate your continued interest in this project. Your comments, concerns and input on environment, social issues and economic considerations have helped to make this a better project.

We encourage everyone who has an interest in this project to fill out & submit a comment card before leaving so that we can track ideas & concerns.

Xeneca's overall consultation process does not end with this PIC as we will continue to communicate regularly with stakeholders throughout the development & operational phases.

Your participation today is important; we appreciate your time & effort. We are committed to doing it right.

Thank you for coming.



Additional Questions and Comments

Please describe any issues you feel should be addressed or any questions you may have that were not answered today.

Name: Douglas Metson

Address & Postal Code: Town of Englebert,
Teriskaminc Health Unit,

Multiple horizontal lines for writing additional questions and comments.



**Class Environmental Assessment for Waterpower Projects
For the Proposed Blanche River Development:
Marter Twp. GS**

COMMENT FORM

Public Information Centre
Englehart Community Hall
June 27th, 2012

THANK YOU for attending our second Public Information Centre for the proposed Marter Twp. GS project on the Blanche River. We hope that you had the opportunity to learn more about the project, the studies that have been undertaken and the Class EA process. Please take a moment to answer a few questions and note your thoughts, comments or questions.

What is your interest in this project?

Affected Landowner _____ Interested Community Member
 Interest Group Member _____ Government Representative _____
 Aboriginal Community Member _____ Other (please specify) _____

Please specify how you heard about this Public Information Centre:

Newspaper Ad Xeneca Website _____
 Other Media _____ Other (please specify) _____

Did you find the information display panels and maps helpful in explaining the project? YES/NO

Were Xeneca staff members & consultant able to adequately answer your questions? YES/NO

If you have any concerns, comments or concerns that were not addressed today, please note them on the back of this form. Please include your NAME & CONTACT DETAILS if you require a response.

Please give your comment form to a Xeneca staff member today or you may send your comment to:

Stephanie Hodsoil
 Xeneca Power Development
 5255 Yonge Street, Suite 1200, North York, ON M2N 6P4
 Or email: shodsoll@xeneca.com

As always, please continue to visit our website for the most up-to-date project information: www.xeneca.com.



**Class Environmental Assessment for Waterpower Projects
For the Proposed Blanche River Development:
Marter Twp. GS**

COMMENT FORM

Public Information Centre
Englehart Community Hall
June 27th, 2012

THANK YOU for attending our second Public Information Centre for the proposed Marter Twp. GS project on the Blanche River. We hope that you had the opportunity to learn more about the project, the studies that have been undertaken and the Class EA process. Please take a moment to answer a few questions and note your thoughts, comments or questions.

What is your interest in this project?

Affected Landowner _____	Interested Community Member _____
Interest Group Member <input checked="" type="checkbox"/>	Government Representative _____
Aboriginal Community Member _____	Other (please specify) _____

Please specify how you heard about this Public Information Centre:

Newspaper Ad _____	Xeneca Website _____
Other Media _____	Other (please specify) <u>XENECA MAIL</u>

Did you find the information display panels and maps helpful in explaining the project? YES/NO

Were Xeneca staff members & consultant able to adequately answer your questions? YES/NO

If you have any concerns, comments or concerns that were not addressed today, please note them on the back of this form. Please include your **NAME & CONTACT DETAILS** if you require a response.

Please give your comment form to a Xeneca staff member today or you may send your comment to:

Stephanie Hodson
Xeneca Power Development
5255 Yonge Street, Suite 1200, North York, ON M2N 6P4
Or email: shodsoll@xeneca.com

As always, please continue to visit our website for the most up-to-date project information: www.xeneca.com.



Additional Questions and Comments

Please describe any issues you feel should be addressed or any questions you may have that were not answered today.

Name: DAVE ALLEN

Address & Postal Code: LARDER LAKE

AN EXPLANATION OF 'GROSS
REVENUE CHARGE' WOULD BE
APPRECIATED.



Marter Twp. Hydroelectric Project Questionnaire

In order for Xeneca to better assess the impacts/benefits of the proposed Marter Twp. hydroelectric development on the Blanche River and surrounding communities, we would respectfully ask you to complete this short survey about your visits to the Blanche River.

I visit the Blanche ~~Vermilion~~ River:

- One time per year for _____ day(s)/week(s)
- 2-5 times per year for 1 day(s)/week(s)
- 6-10 times per year for _____ day(s)/week(s)
- 10+ times per year for _____ day(s)/week(s)

My reason(s) for visiting the Blanche River include (check all that apply):

- General nature appreciation
- Enjoy visual aspects of the river
- Canoeing/kayaking/recreational use
- Picnicking
- Camping
- If you camp, whereabouts do you set up? _____
- Fishing (**please see question 2 on reverse)
- For pleasure For livelihood
- Hunting
- For what animals? MOST
- Upstream or downstream of project site? UPSTREAM
- Trapping
- What animals do you trap? _____
- Upstream or downstream of project site? _____
- Snowmobiling
- Winter sports (**please circle:** cross-country skiing, snowshoeing, other (specify): _____)
- I am a local tour operator
- Name of company: _____ Location: _____
- How many tours do you take out each year? _____
- Other (describe): _____

How many kilometers do you travel to visit the Blanche? 20 KMS

1. How is the Blanche River important to you? How is the Marter Twp. site (specifically) important to you? Is it for past or present reasons?

2. Do you fish in the project area either upstream or downstream of the proposed location? How often do you fish? What species do you catch? Do you eat your catch?

OFTEN FISH WALLEYE, YES EAT CATCH

3. What goods/services would you procure for a trip to the Blanche? (eg. Hotel, food, outfitting, gas, bait, fishing license, etc.)

4. How much money do you spend on an average trip to the Blanche River? How long would such a visit be? \$25.00

5. How do you believe that the area around the project site contributes to the local economy?

6. What is your opinion of the hydroelectric project? Are you:

opposed to

in favour of

neutral

Please state your reason(s) for your opinion INTEREST IS THE AFFECT
ON FISH & WILDLIFE

7. Do you have any concerns about the development of the project site?

8. Do you believe the project will have any benefits locally? If so, please describe.



Marter Twp. Hydroelectric Project Questionnaire

In order for Xeneca to better assess the impacts/benefits of the proposed Marter Twp. hydroelectric development on the Blanche River and surrounding communities, we would respectfully ask you to complete this short survey about your visits to the Blanche River.

I visit the Blanche ~~Vermilion~~ River:

- One time per year for _____ day(s)/week(s)
- 2-5 times per year for _____ day(s)/week(s)
- 6-10 times per year for _____ day(s)/week(s)
- 10+ times per year for _____ day(s)/week(s)

My reason(s) for visiting the Blanche River include (check all that apply):

- General nature appreciation
- Enjoy visual aspects of the river
- Canoeing/kayaking/recreational use
- Picnicking
- Camping

If you camp, whereabouts do you set up? on the river bank

- Fishing (**please see question 2 on reverse)
- For pleasure For livelihood

Hunting

For what animals? _____

Upstream or downstream of project site? _____

Trapping

What animals do you trap? _____

Upstream or downstream of project site? _____

Snowmobiling

Winter sports (please circle: cross-country skiing, snowshoeing, other (specify): _____)

I am a local tour operator

Name of company: _____ Location: _____

How many tours do you take out each year? _____

Other (describe): _____

How many kilometers do you travel to visit the Blanche? _____

1. How is the Blanche River important to you? How is the Marter Twp. site (specifically) important to you? Is it for past or present reasons? *I live there*
2. Do you fish in the project area either upstream or downstream of the proposed location? How often do you fish? What species do you catch? Do you eat your catch?
3. What goods/services would you procure for a trip to the Blanche? (eg. Hotel, food, outfitting, gas, bait, fishing license, etc.)
4. How much money do you spend on an average trip to the Blanche River? How long would such a visit be?
5. How do you believe that the area around the project site contributes to the local economy?
Not very much except for some agricultural activity up on the fields
6. What is your opinion of the hydroelectric project? Are you:
 opposed to
 in favour of
 neutral

Please state your reason(s) for your opinion *No Environmental/ Ecological long term impact. Project appears well thought out & will provide a usable power source in a sustainable manner*

7. Do you have any concerns about the development of the project site?
None
8. Do you believe the project will have any benefits locally? If so, please describe.
Yes - social & economic benefits in construction of infrastructure & continued operation

From: Stephanie Hodsoll <SHodsoll@xeneca.com>
Sent: July-05-12 11:34 AM
To: Stephanie Hodsoll
Subject: Marter Twp. Project

July 5, 2012

Good morning,

Xeneca's second Marter Twp. Public Information Center (PIC) was held last week in Englehart. It was a successful evening with about 14 attendees who engaged Xeneca staff & consultants in meaningful dialogue.

Your input and feedback regarding this project have helped shape the project, and we will continue to work with stakeholders and groups as we proceed with the project.

Please click [here](#) to view the panels that were on display at the PIC on June 27th. For those of you who were unable to attend, I welcome your feedback and input.

Your continued feedback and participation in the Waterpower Class Environmental Assessment (Class EA) process is appreciated.

Thank you!

Yours truly,
Steph

Stephanie Hodsoll
Stakeholder Relations
Xeneca Power Development
5255 Yonge St., Suite 1200
North York, ON M2N 6P4
(416) 590-3077

From: Stephanie Hodsoll <SHodsoll@xeneca.com>
Sent: July-05-12 11:31 AM
To: Stephanie Hodsoll
Subject: Thank you for attending the Marter Twp. Public Information Centre

July 5, 2012

Good morning!

Thank you for attending last week's Marter Twp. Public Information Centre (PIC) last week in Englehart. Please click [here](#) to view the panels that were on display at the PIC.

Thanks to everyone who engaged in meaningful dialogue with Xeneca staff and consultants. Your continued feedback and participating in the Waterpower Class Environmental Assessment (Class EA) process is appreciated.

Your input and feedback regarding this project have helped shape the project, and we will continue to work with stakeholders and groups as we proceed with the project.

If you were not already part of our stakeholder contact list, your name has been added and you will receive project updates as they become available.

Once again, thank you for your continued input. If you have any comments to submit please send them to me.

Thank you!

Yours truly,
Steph

Stephanie Hodsoll
Stakeholder Relations
Xeneca Power Development
5255 Yonge St., Suite 1200
North York, ON M2N 6P4
(416) 590-3077



Chamberlain Twp. Waterpower Project on the Blanche River



Public Meeting
Chamberlain Township
September 25th, 2012



Today's Presentation

- Xeneca thanks everyone for attending this public meeting about our Marter Twp. project on the Blanche River
- This public meeting is part of our ongoing public consultation efforts. Two Public Information Centres have been held at the Englehart Community Hall (Aug. 23, 2011 & June 27, 2012)
- Any interested person that would like information about projects, or to make comments to Xeneca about the project, is encouraged to contact Xeneca.
- For further questions, contact Stephanie:
 - 416-590-3077/ shodsoll@xeneca.com





Presentation Outline

- Part 1: A brief history of waterpower in Ontario
- Part 2: Process leading up to this project
- Part 3: Engineering/operating details of the Blanche River project
- Part 4: Addressing stakeholder & community issues




Waterpower History

Decew Gristmill 1872



Waterpower technology, even in its simplest forms had a profound effect on productivity and daily life in Ontario from early settler's days onward.

*Decew mill horizontal axial turbine 15" dia, 40 ft head
Mechanical Power output = 49 horsepower or 36 kW
Sawmill undershot wheel 6' dia., 3.5 ft head (estimated)*

Almonte Electric 1908



1900+ towns started their own electricity plants like this one near Ottawa to meet growing interest in electricity. These were typically 1 to 10 MW (small).





Waterpower History (con'd)

Water goes big 1930+



Hydro projects grew to grand scale till 1960's but few large hydro sites exist in Ontario and even fewer are close enough to the big cities. Photo: DesJoachims, a 429 MW plant, 1950. Three Gorges Dam in China is 22,000 MW. Ontario is limited by topography and rain fall.

Coal is King 1940+



Lakeview station (2,400 MW) commissioned in 1962, now defunct. Coal began to play a growing role as Ontario was running out of accessible waterpower site locations and nuclear was still in its infancy.




Waterpower History (con'd)

Nuclear quenches thirst for power 1966+



Large plants are needed to fill the power gaps created by growing cities and a rapid increased in manufacturing.

This plant is Bruce Nuclear commissioned in 1978 on Lake Huron.

Large plants meant large transmission lines and infrastructure to connect cities to the generation sources.



The Transmission Legacy

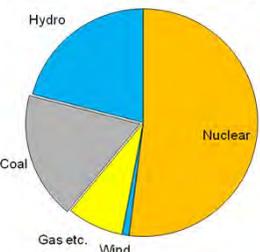
The transmission system of yesteryear is in need of modernization. Successive governments have not made changes that can accommodate new, localized generation.

The result is very limited connection space for new generation.

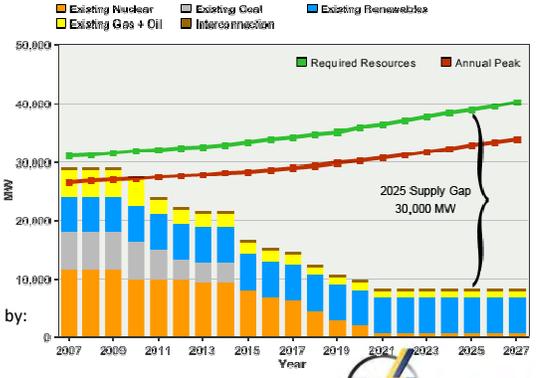



Our Aging Supply Mix

Ontario Supply Mix Today



The big supply problem



The growing supply gap could be addressed by:

- New nuclear
- Keeping waterpower operational
- Adding gas for peaking load
- Diversifying the supply mix
- (small hydro, distributed generation, other...)



The Clean, Green Revival




Small hydro comes back with the Green Energy Act and the move to more renewable power like this new powerhouse in Almonte that saw the redevelopment of a 1908 project (5 MW.)

History meets renaissance!


9

Why Hydro?

- Coal fired generation is mandated to be shut down in Ontario by 2014.
- Portion of replacement generation to come from renewables i.e. wind, solar, biomass and small hydro.

Each fuel source has a role to play in diversification of the supply mix:

- Increased system reliability on local level
- Decreased need for new transmission lines
- Part of global trend to go green
- Make communities part of the solution



(Photo Credit:
sustainabilityninja.com)



Why Hydro?

- Wind and solar are clean but are intermittent sources ... i.e. they run when the wind blows or when the sun shines...

...and not necessarily when power is required.

- Water is predictable and provides a stabilizing effect that helps balance power production with consumption.




Why Hydro?

- Waterpower is long lived. Many facilities have been in operation 80+ years.
- Solar and wind have a lifespan of about 20 years and nuclear 40 years.
- Waterpower is the least expensive alternative. In the long run it will help moderate electricity rate increases.



Furry Creek small hydro project near Squamish, BC





Small is Beautiful (and Green)

- What makes small waterpower green?
- To be green, small waterpower has to meet multiple criteria:
 - Under 10 MW
 - Minimal or no storage (less than 48 hrs)
 - Minimal environmental impact (e.g. fish)
 - Small physical and ecological footprint
- Facilities that meet green criteria are eligible for “EcoLogo Certification” from Government of Canada.
- Xeneca strives to obtain EcoLogo Certification for each project as a reflection of our efforts to be green.
- Being green means making extra effort in the engineering process to address stakeholder questions and concerns and, where possible, derive benefits.

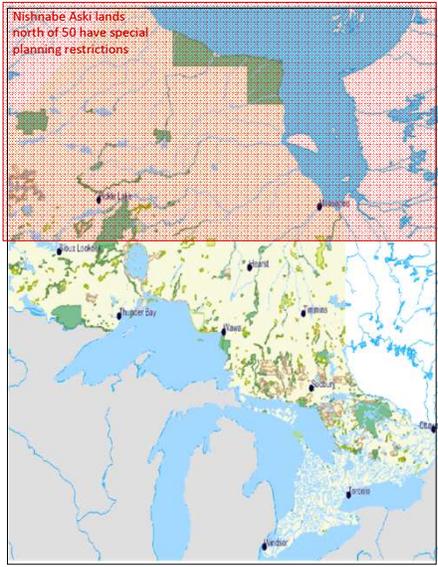



13



“It’s Not Easy Being Green”

(Kermit the Frog)



Government restricts where sites can go:
In addition to the EcoLogo criteria, project sites must be on “**general use**” rivers, and not in:

- Wilderness parks
- Natural environment parks
- Waterway parks
- Nature Reserve Parks
- Recreation Parks
- Historical Parks
- Conservation Reserves
- National Parks
- First Nation Reserves
- Nishnawbe Aski Lands (North of 50°)

Many rivers and most potential project sites are affected by one or more of these planning constraints.

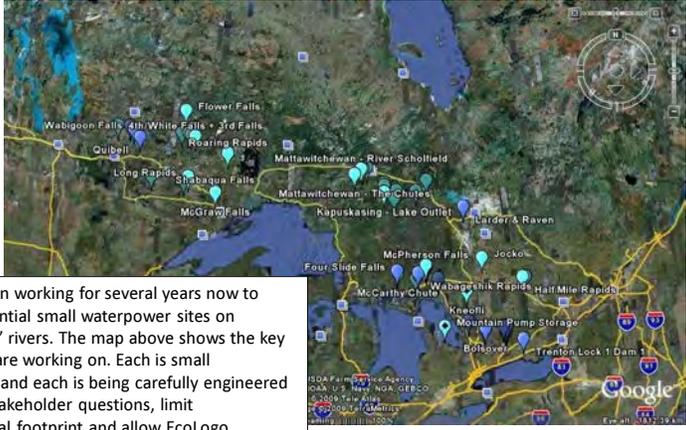
Planning constraints are a key factor in the focus on a limited number of small (1 – 10 MW) project sites.



14



Xeneca's Mission: Identify and Built Multiple Small Waterpower Projects Throughout Ontario



We have been working for several years now to identify potential small waterpower sites on "general use" rivers. The map above shows the key projects we are working on. Each is small (1 – 10 MW) and each is being carefully engineered to address stakeholder questions, limit environmental footprint and allow EcoLogo certification. We strongly believe that small waterpower is an important part of the solution for Ontario's supply mix and the right thing to do from a sustainability point of view.




The Blanche River

- The Marter Twp. project meets the criteria demanded for a green, environmentally friendly, small waterpower project.
- Hydrology and topography show the site has good generation potential with a total installed capacity of about 2.1 MW.
- Supports development of renewable energy that will power between 500 and 700 households per MW. The Marter project will produce enough energy for over 1000 homes.





Environmental Assessment Process

- Currently in the Waterpower Class Environmental Assessment (Class EA) process
- The 12-18 month Class EA process is drawing to its conclusion and Notice of Completion likely to be issued by Xeneca in late 2012
- Statement of Completion from Ministry of Environment leads to permitting and approvals under MNR's Lands and Rivers Improvement Act (LRIA approx. 18 months)
- Construction to commence 2014




Project Timeline

Task Name	2010				2011				2012				2013				2014				2015			
	Q1	Q2	Q3	Q4																				
Conduct Environmental Field Studies/Reports																								
Complete Conceptual Designs																								
Prepare Class EA																								
Issue Class EA - NDC/SOC																								
Engineering - Final Design																								
Initiate Post EA Approvals																								
Procure Equipment																								
Equipment Delivery																								
Site Preparation																								
Construction																								
Project Commissioning																								
Project Operational																								

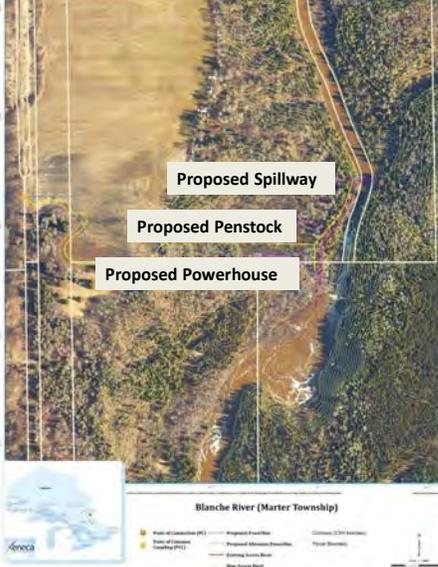
Stakeholders are encouraged to discuss any concerns or issues related to the project with Xeneca staff at any time. Xeneca will put forth its best efforts to include & address your concerns in the Class EA report. If, at the Notice of Completion stage there remain outstanding concerns, a written request for a Part II Order can be made to the Minister of Environment under the Environmental Assessment Act to elevate or "bump-up" the project to a full EA. A copy of the Part II Order request must also be sent to Xeneca at that time.



(Extended FIT Contract Operation Date: Oct. 2015)



Layout Design – 2.1 MW



- Existing rapids/falls on Blanche River 9 km north of Englehart
- Concrete water control structure and earth/clay/rock fill embankments
- Penstock & powerhouse
- 500 m new access road to existing road/trail
- Still examining 2 design options pending finalization of agreements with upstream land owners

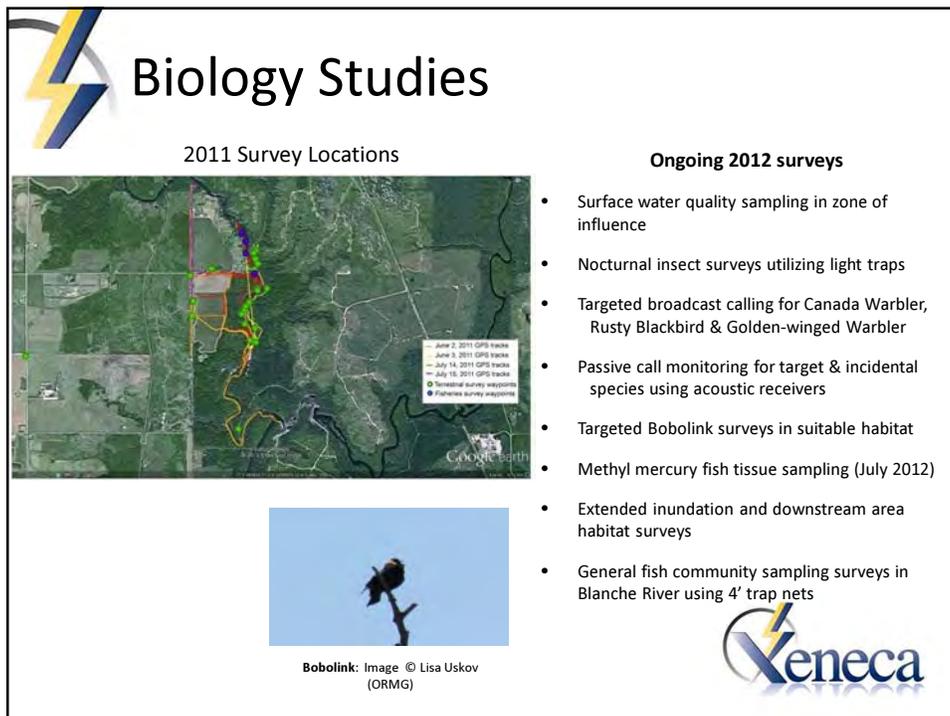
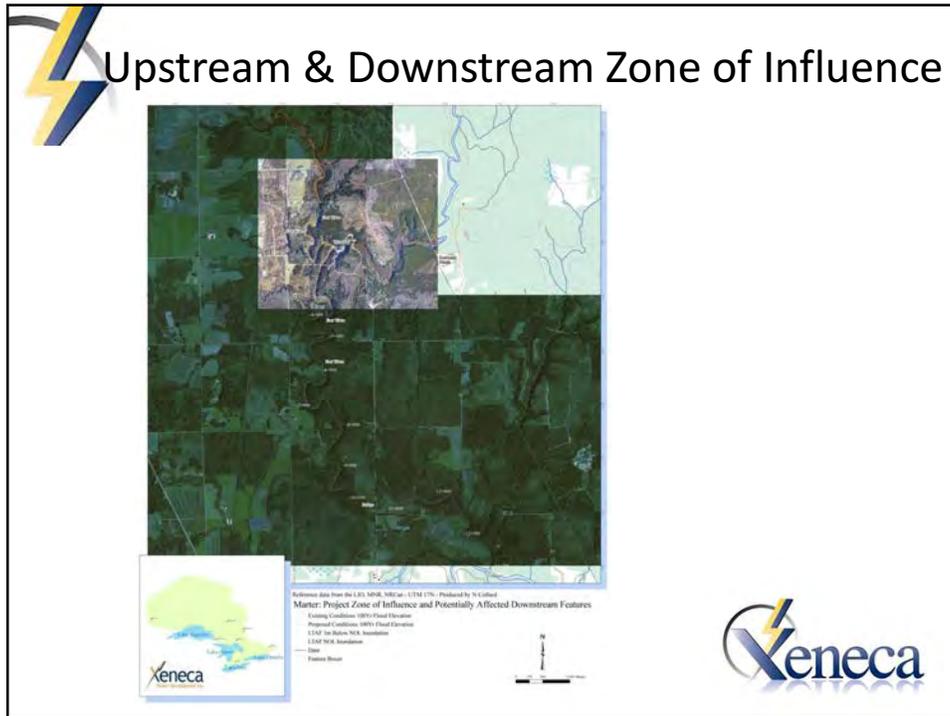


Project Features

Low Environmental Impact

- Small ecological footprint
- Only small sections of river affected
- Avoids impact on recreational uses
- Better aesthetics; No large/unsightly conveyance systems
- Operations minimize downstream impacts







Stakeholder Issues

- Roads - Road improvement & maintenance, road routing
- Economy – Impact on local economy, job creation
- Environmental Impacts - Fish/other aquatic species in Blanche River, Bobolink presence in proximity to the site
- Blanche River - Water flows, seasonal water levels
- Remoteness of site
- Gross Revenue Charge*
- Private landowners



Archaeology

- A Stage 1 & Stage 2 assessment of the Marter Twp. project has been completed. Further work is planned for 2012.





Private Landowner Discussion

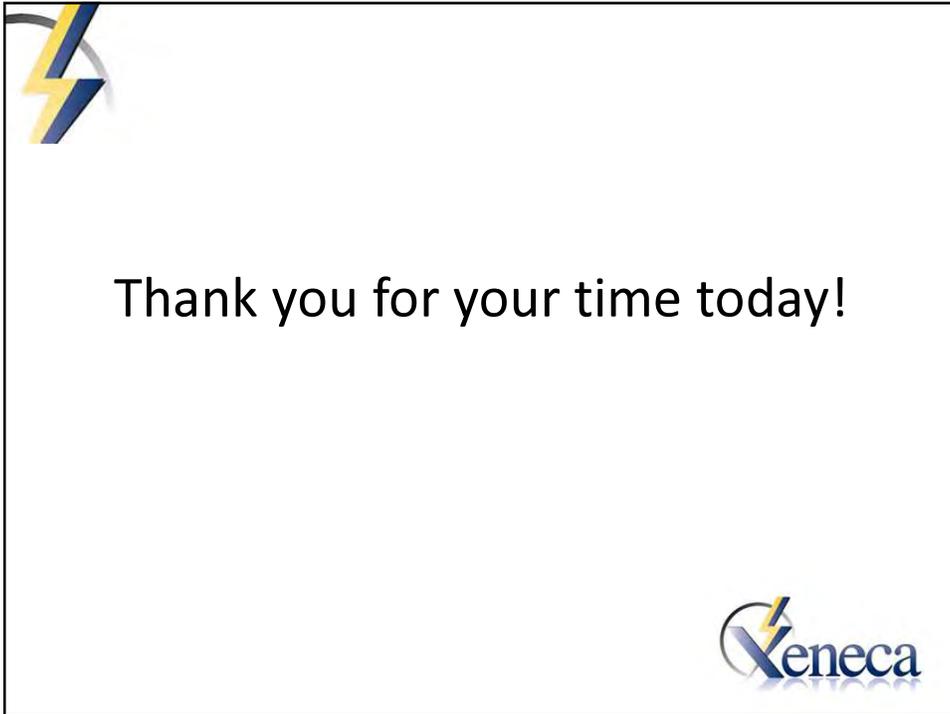
- All affected landowners contacted and aware of project
- Agreements reached with two landowners and the remainder are in negotiation/discussion
- If agreement with any affected landowner cannot be reached, a smaller project can be built



Public Input

- Now is the time to provide input to the project.







The Power of Partnership



Presented to the Nipissing Naturalists Club
June 11th, 2013



Today's Presentation

- Xeneca thanks the Nipissing Naturalist Club for this opportunity to present.
- This presentation is part of our ongoing public consultation efforts that, in our view, lead to better projects, and, quite honestly, a well-earned & respected social license to build and operate these projects.
- Any interested person that would like information about projects, or to make comments to Xeneca about the project, is encouraged to contact Xeneca.
- For further questions, contact Stephanie Hodsoll:
416-590-3077 or shodsoll@xeneca.com.





When it comes to our great outdoors, I think many people would agree that “In a perfect world we wouldn’t need dams in our rivers ...”



... Nor would we need roads that transect our forests
Or plows to till over prairie tall grass ...”





But the fact of the matter is ... and I think we can all pretty much agree ... we -- as a species -- made some decisions a few thousand years ago...



....and made the shift from hunter-gatherer to something else entirely.

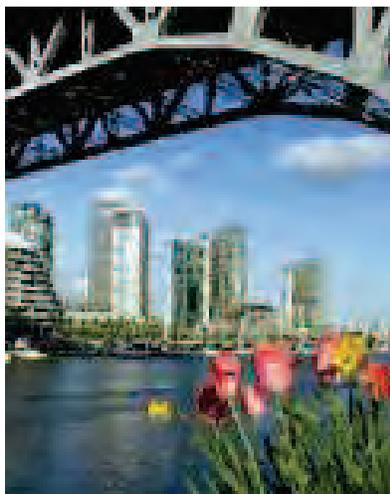




Like any experiment, our evolution
has led to some mistakes ...



...and to some pretty spectacular
successes...

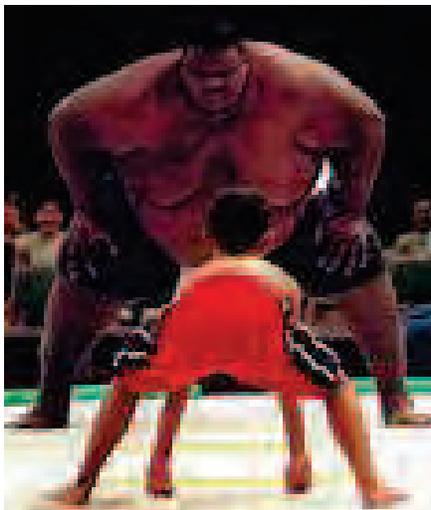




... and the formula for that success has always been cooperation, collaboration and achieving mutual benefit...



Simply put ... when two opposing interests get into a fight, the process is generally destructive.... A lot of resources are wasted and the end result is that no one side truly **wins**.





On the other hand,
when resources are
combined in a
cooperative venture,
there is a process of
building, acquiring new
knowledge, skills and
techniques ...



Today I'm here to talk about the
power of partnerships.



But first, we need a little bit of history to put things
into perspective





Waterpower History

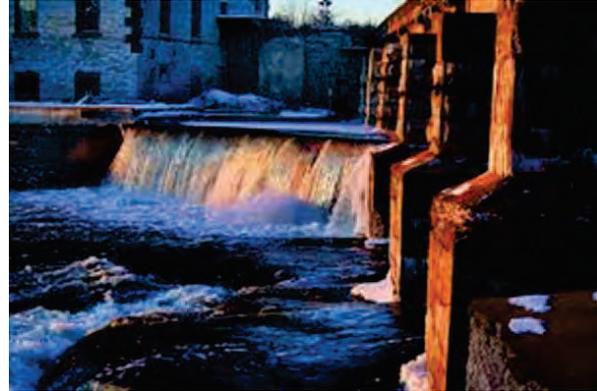
Decew Gristmill 1872



Waterpower technology, even in its simplest forms had a profound effect on productivity and daily life in Ontario from early settler's days onward.

Decew mill horizontal axial turbine 15" dia, 40 ft head
Mechanical Power output = 49 horsepower or 36 kW
Sawmill undershot wheel 6' dia., 3.5 ft head (estimated)

Almonte Electric 1908



1900+ towns started their own electricity plants like this one near Ottawa to meet growing interest in electricity. These were typically 1 to 10 MW (small).



Waterpower History (cont'd)

Water goes big 1930+



Hydro projects grew to grand scale till 1960's but few large hydro sites exist in Ontario and even fewer are close enough to the big cities.
Photo: DesJoachims, a 429 MW plant, 1950. Three Gorges Dam in China is 22,000 MW. Ontario is limited by topography and rain fall.

Coal is King 1940+



Lakeview station (2,400 MW) commissioned in 1962, now defunct. Coal began to play a growing role as Ontario was running out of accessible waterpower site locations and nuclear was still in its infancy.





Waterpower History (cont'd)

Nuclear quenches thirst for power 1966+



Large plants are needed to fill the power gaps created by growing cities and a rapid increase in manufacturing.

This plant is Bruce Nuclear, commissioned in 1978 on Lake Huron.

Large plants meant large transmission lines and infrastructure to connect cities to the generation sources.



The Transmission Legacy

The transmission system of yesteryear is in need of modernization. Successive governments have not made changes that can accommodate new, localized generation.

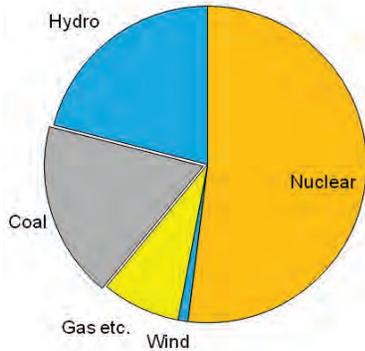
The result is very limited connection space for new generation.





Our Aging Supply Mix

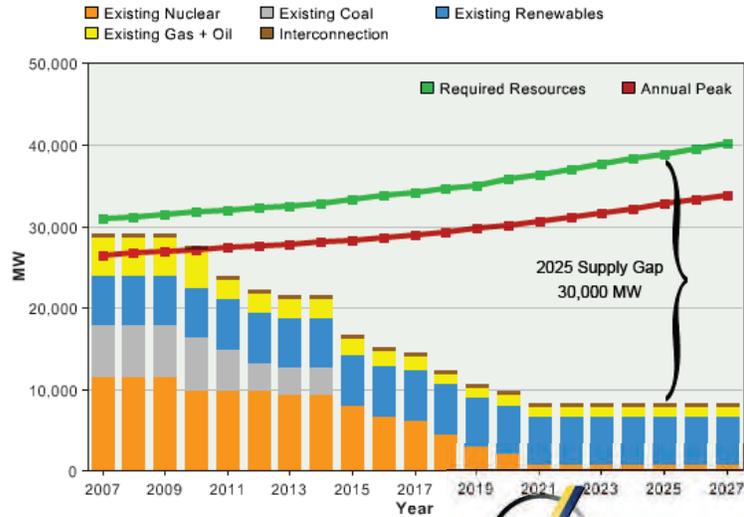
Ontario Supply Mix Today



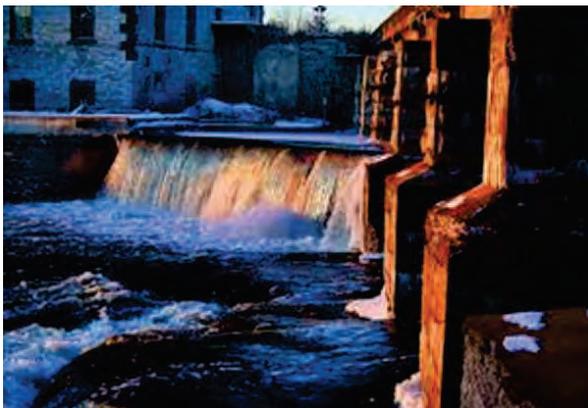
The growing supply gap could come from:

- New nuclear
- Keeping waterpower operational
- Adding gas for peaking load
- Diversifying the supply mix
- (small hydro, distributed generation, other...)

The big supply problem



The Clean, Green Revival



Small hydro comes back with the Green Energy Act and the move to more renewable power like this new powerhouse in Almonte that saw the redevelopment of a 1908 project (5 MW.)

History meets renaissance!





Why Hydro?

- Coal fired generation is mandated to be shut down in Ontario by 2014.
- Portion of replacement generation to come from renewables i.e. wind, solar, biomass and small hydro.

Each fuel source has a role to play in diversification of the supply mix:

- Increased system reliability on local level
- Decreased need for new transmission lines
- Part of global trend to go green
- Make communities part of the solution



(Photo Credit: sustainabilityninja.com)

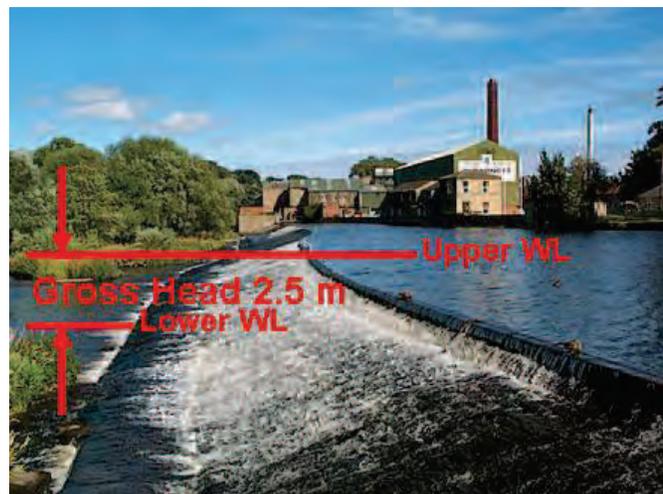


Why Hydro?

- Wind and solar are clean but are intermittent sources ... i.e. they run when the wind blows or when the sun shines...

...and not necessarily when power is required.

- Water is predictable and provides a stabilizing effect that helps balance power production with consumption.



Why Hydro?

- Waterpower is long lived. Many facilities have been in operation 80+ years.
- Solar and wind have a lifespan of about 20 years and nuclear 40 years.
- Waterpower is the least expensive alternative. In the long run it will help moderate electricity rate increases.



Furry Creek small hydro project near Squamish, BC

Small is Beautiful (and Green)

- What makes small waterpower green?
- To be green, small waterpower has to meet multiple criteria:
 - Under 10 MW
 - Minimal or no storage (less than 48 hrs)
 - Minimal environmental impact (e.g. fish)
 - Small physical and ecological footprint
- Facilities that meet green criteria are eligible for “EcoLogo Certification” from Government of Canada.
- Xeneca strives to obtain EcoLogo Certification for each project as a reflection of our efforts to be green.
- Being green means making extra effort in the engineering process to address stakeholder questions and concerns and, where possible, derive benefits.





“It’s Not Easy Being Green”

(Kermit the Frog)



Government restricts where sites can go:

In addition to the EcoLogo criteria, project sites must be on “general use” rivers, and not in:

- Wilderness parks
- Natural environment parks
- Waterway parks
- Nature Reserve Parks
- Recreation Parks
- Historical Parks
- Conservation Reserves
- National Parks
- First Nation Reserves
- Nishnawbe Aski Lands (North of 50°)

Many rivers and most potential project sites are affected by one or more of these planning constraints.

Planning constraints are a key factor in the focus on a limited number of small (1 – 10 MW) project sites.



Xeneca’s Mission: Identify and Build Multiple Small Waterpower Projects Throughout Ontario

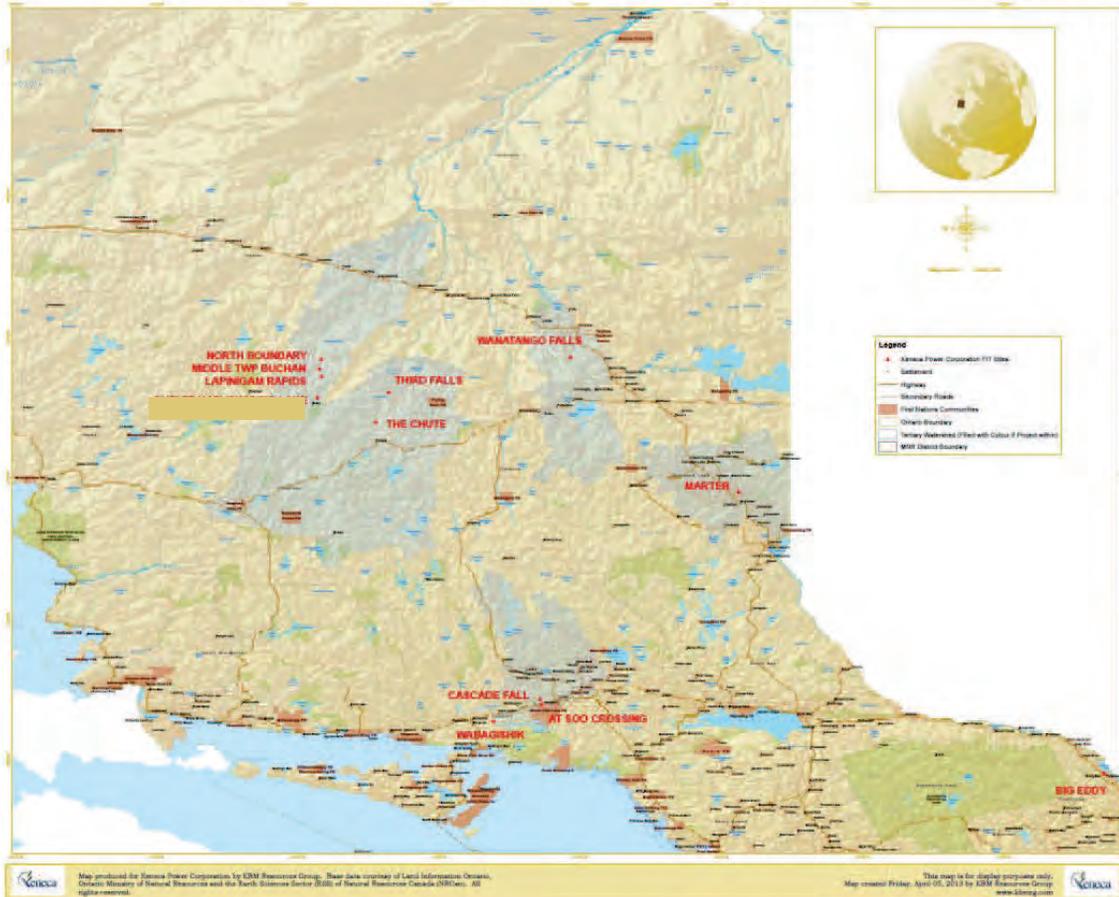


We have been working for several years now to identify potential small waterpower sites on “general use” rivers. The map above shows the key projects we are working on. Each is small (1 – 10 MW) and each is being carefully engineered to address stakeholder questions, limit environmental footprint and allow EcoLogo certification. We strongly believe that small waterpower is an important part of the solution for Ontario’s supply mix and the right thing to do from a sustainability point of view.





Xeneca Power Corporation FIT Sites and First Nations Communities (Northeast Region)



So....

When do the Partners Come Into Play?

- Partnership should begin at the earliest possible juncture but can develop throughout the project's lifespan
- Proponent needs to inform throughout development and operation and to provide venues in which to engage i.e. public meetings, websites, phone, e-mail etc.
- In return, stakeholders need to engage





How do Partners Make a Difference?

- Partnerships can come in a multitude of forms
- Often the exchange begins with a list of concerns such as safety or environmental alteration
- Partners can provide information such as historical knowledge i.e. what did the river look like 20 – 30 - 40 years ago and what changes have been occurring.



How do Partners Make a Difference?

- Partners can provide an overview of activities on the river; i.e. hunting, fishing, stocking programs, habitat restoration work, etc.
- Partners can advise on local needs i.e. a boat launch, canoeing/kayaking activities, better site access
- Partners can advise on community needs such as sponsorship of local events and projects





How do Partners Make a Difference?

- Naturalist clubs are often the eyes on the ground. What species are presents? Waterfowl, bats, turtles, amphibians, etc.
- Are there stewardship opportunities, conservation activities etc. in which Xeneca and the naturalist clubs could participate?
- Proven success has occurred in partnership with Thunder Bay Naturalist Club at McGraw Falls GS and we can build on that success!



The True Power of Partnership

- Petawawa's Big Eddy project was one of the most controversial developments because of the high level of recreational use and a location smack in the middle of town
- A very substantial list of concerns and very vocal, organized opposition prepared to fight
- Extensive dialogue and a paced process allowed solutions to be developed





The True Power of Partnership

- The project underwent massive change -- not in spite of, but **because of** -- the partnerships that evolved.
- Project went from a 10 MW facility that altered several kilometres of river to a much smaller 5 MW project that affects just 300 metres of river
- Experts were hired to engineer a new state-of-the-art weir system that will allow fish passage as well as canoe and kayak navigation



The Petawawa Experience





Partnership Breeds Innovation

- Much more robust bathymetry, hydraulics, biological field studies have led to a much greater understanding of rivers and the changes that may occur
- Water-sharing agreements with recreational kayakers and rafters
- Commitments to support local events
- Engineering adaptations that raise the bar on safety



The Marter Twp. Project

- The Marter Twp. project on the Blanche River meets the criteria demanded for a green, environmentally friendly, small waterpower project.
- Hydrology and topography show the site has good generation potential with a total installed capacity of about 2.1 MW.
- Supports development of renewable energy that will power between 500 and 700 households per MW. The Marter project will produce enough energy for over 1100 - 1400 homes.





Marter Artist's Rendering – Spring (High Water)



Marter Artist's Rendering – Mid-Summer





Marter Artist's Rendering – Fall (Low Flow)



Blanche River

- Very robust fieldwork programs (aquatic and terrestrial)
- Several meetings with Chamberlain Township
- Two public meetings in Englehart (Aug. 2011 & June 2012)
- Agreements with affected landowners
- Liaising with local forestry company
- Extensive discussion with Kirkland Lake MNR/MOE/DFO





Partnership Potential

- Recreational access i.e. roads, reset area and boat launch
- Sponsorship of local events
- Ongoing studies to increase knowledge of the river and the fishery...

- Open to new and innovative ideas



Bring your ideas
Bring your vision...

That is the power of partnership!

Thank you for your time today.





Project Timeline

Task Name	2010				2011				2012				2013				2014				2015			
	Q1	Q2	Q3	Q4																				
Conduct Environmental Field Studies/Reports	█																							
Complete Conceptual Designs	█																							
Prepare Class EA					█																			
Issue Class EA - NOC/SOC									█															
Engineering - Final Design									█															
Initiate Post EA Approvals									█															
Procure Equipment													█											
Equipment Delivery													█											
Site Preparation													█											
Construction													█											
Project Commissioning																	█							
Project Operational																					█			



(Extended FIT Contract Operation Date: Oct. 2015)

Stakeholders are encouraged to discuss any concerns or issues related to the project with Xeneca staff at any time. Xeneca will put forth its best efforts to include & address your concerns in the Class EA report. If, at the Notice of Completion stage there remain outstanding concerns, a written request for a Part II Order can be made to the Minister of Environment under the Environmental Assessment Act to elevate or "bump-up" the project to a full EA. A copy of the Part II Order request must also be sent to Xeneca at that time.



Project Benefits

- Significant return to the people of Ontario. Royalties & fees of over \$2.2 million are paid to the province over the next 40 years.
- Xeneca working with Ministry of Finance to ensure host municipalities benefit.
- During construction Xeneca strives to procure its goods & services locally. On average about \$2.5 million per MW or approximately \$5 million will be spent locally on labour, trucking, steel, equipment rental, surveying, legal & professional services, food, fuel & accommodation.
- Potential for improved roads access to the site as well as reliable, locally generated electricity supply.
- Direct job creation (construction) is estimated to be approximately 21,000 person hours of work.





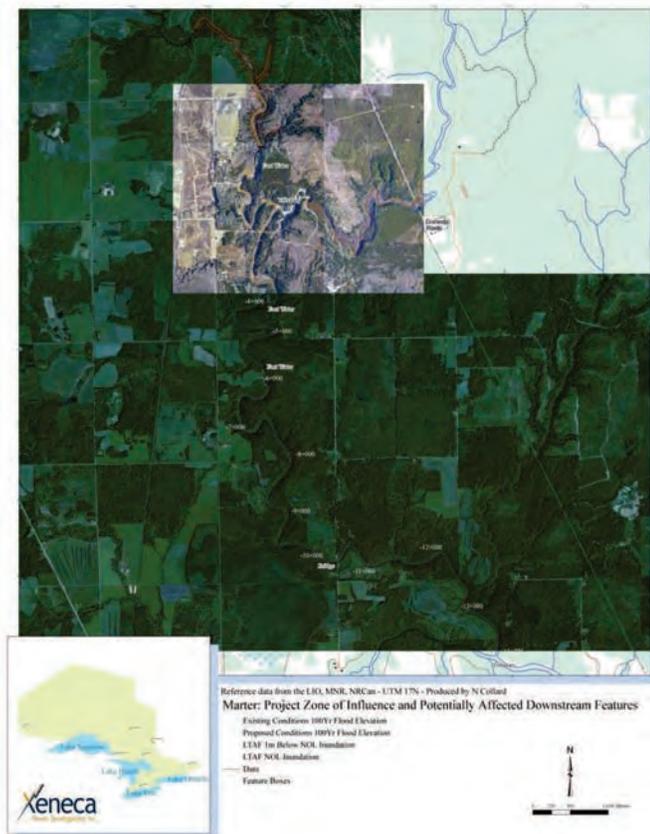
Project Features

Low Environmental Impact

- Small ecological footprint
- Only small sections of river affected
- Avoids impact on recreational uses
- Better aesthetics; No large/unsightly conveyance systems
- Operations minimize downstream impacts



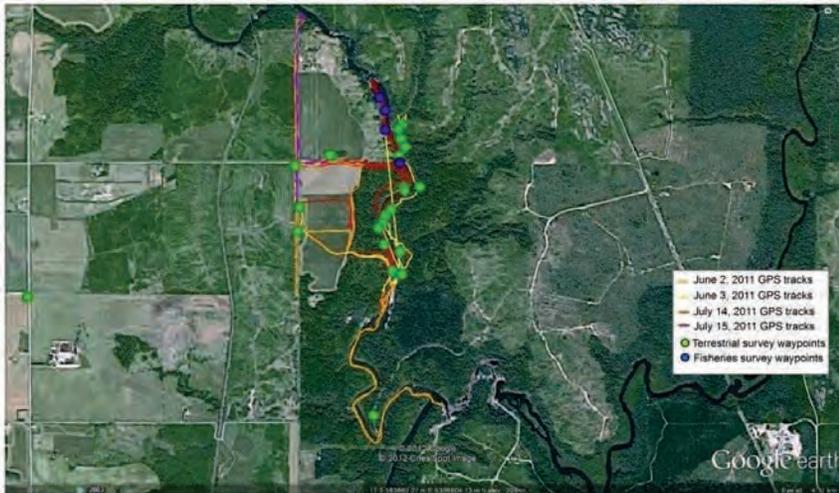
Upstream & Downstream Zone of Influence





Biology Studies

2011 Survey Locations



Bobolink: Image © Lisa Uskov (ORMG)

2012 Surveys

- Surface water quality sampling in zone of influence
- Nocturnal insect surveys utilizing light traps
- Targeted broadcast calling for Canada Warbler, Rusty Blackbird & Golden-winged Warbler
- Passive call monitoring for target & incidental species using acoustic receivers
- Targeted Bobolink surveys in suitable habitat
- Methyl mercury fish tissue sampling (July 2012)
- Extended inundation and downstream area habitat surveys
- General fish community sampling surveys in Blanche River using 4' trap nets



Stakeholder Issues

- Roads - Road improvement & maintenance, road routing
- Economy – Impact on local economy, job creation
- Environmental Impacts - Fish/other aquatic species in Blanche River, Bobolink presence in proximity to the site
- Blanche River - Water flows, seasonal water levels
- Remoteness of site
- Gross Revenue Charge*
- Private landowners





Archaeology

- Woodland Heritage Services Limited has completed a Stage 1 & Stage 2 archaeological assessment of the Marter Twp. project
 - Stage 1 report evaluated the existing archaeological knowledge of the study area & recommended areas where Stage 2 research is required.
 - Stage 2 archaeological studies are field assessments that, through on-site inspection via shovel test pits, determine if archaeological sites actually exist.
 - If archaeological sites are confirmed through Stage 2 testing, recommendations are made regarding the next steps required eg. further archaeological work (Stage 3/4 excavations) or avoidance.
- All archaeological recommendations are reviewed & approved by MTCS, independent of the Feed-in-Tariff process.



Correspondence

General Correspondence

[REDACTED]

From: Vanesa Enskaitis <VEnskaitis@xeneca.com>
Sent: December-08-10 3:13 PM
To: [REDACTED]
Subject: RE: Power Development

December 8, 2010

Dear Mr. Henderson,

I have added you to the Stakeholder Contact List for our proposed projects:

Larder & Raven GS - on Larder River

Marter Twp GS - on the Blanche River

We are hoping to have a Public Information Centre in Kirkland Lake for these proposed projects in early part of 2011. I will notify you once we have confirmed the date(s).

Let me know if you have any other questions.

Best regards,
Vanesa

From: Tom Henderson [mailto:[REDACTED]]
Sent: Tuesday, November 30, 2010 8:34 PM
To: Vanesa Enskaitis
Subject: Re: Power Development

Ms. Enskaitis

I would like to be made aware of any projects in New Liskeard/Englehart/Kirkland Lake area.

Thanks

Tom

Sent wirelessly from my BlackBerry device on the Bell network.
Envoyé sans fil par mon terminal mobile BlackBerry sur le réseau de Bell.

From: "Vanesa Enskaitis" <VEnskaitis@xeneca.com>
Date: Tue, 30 Nov 2010 15:53:38 -0500
To: [REDACTED]
Subject: RE: Power Development

November 30, 2010

Dear Mr. Henderson

Could you please let me know which project you are referring to in terms of Public Information Centres? For which project would you like to be on the contact list? We have a few in the Englehart area.

Thanks

Vanessa

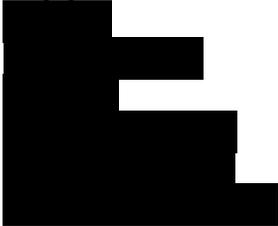
From: Tom Henderson [mailto: [REDACTED]]
Sent: Sunday, November 28, 2010 10:19 PM
To: Vanessa Enskaitis
Subject: Power Development

Vanessa Enskaitis;

It is my understanding that you will be holding a public information session in January of 2011. I would like you to put me on your e-mail/ mailing list so that I will be aware of any meetings that may be taking place. My contact information is listed below and I look forward to hearing from you.

Tom.

Tom Henderson
President
Bayly Watershed & Lakes Assoc.



[REDACTED]

From: Stephanie Hodsoll <SHodsoll@xeneca.com>
Sent: February-07-11 4:21 PM
To: [REDACTED]
Subject: RE: Marter Twp. Water Power Project

February 7, 2011

Hi Mr. Allen,

Our apologies for the delay in responding.

There is not yet a project description for our proposed project on the Blanche River. However, you are on our stakeholder contact list so that you will receive project updates as they become available. I would also point you to our website – www.xeneca.com – for the most up-to-date project information.

Your concerns have been duly noted and will be reviewed as we move forward with the Class Environmental Assessment process.

Yours truly,
Steph

Stephanie Hodsoll
Public Affairs Liaison
Xeneca Power Development
5160 Yonge St., Suite 520
North York, ON M2N 6L9
T: 416-590-9362 X 112
F: 416-590-9955
www.xeneca.com

From: Vanesa Enskaitis
Sent: Friday, February 04, 2011 11:10 AM
To: Stephanie Hodsoll
Subject: FW: Marter Twp. Water Power Project

From: David Allen [[mailto:\[REDACTED\]](mailto:[REDACTED])]
Sent: Monday, August 16, 2010 9:58 AM
To: Vanesa Enskaitis
Subject: Marter Twp. Water Power Project

Hello,
Can I receive information regarding the Marter township waterpower project?
My concerns are the existing canoe route and fish habitat.
Please respond with hardcopy.

Thank you
Dave Allen
[REDACTED]

█

From: Stephanie Hodsoll <SHodsoll@xeneca.com>
Sent: February-15-11 4:09 PM
To: Stephanie Hodsoll
Subject: Xeneca website update

February 15, 2011

Good afternoon!

You are receiving this email because you have requested to be on our stakeholder contact list and receive project updates.

We have recently added new information to the Xeneca website, including more project-specific material. There are also details on the Waterpower Class Environmental Assessment process, and how you can participate.

Please visit www.xeneca.com.

As always, your comments are welcome and will be duly noted.

Thank you!

Yours truly,
Steph

Stephanie Hodsoll
Public Affairs Liaison
Xeneca Power Development
5160 Yonge St., Suite 520
North York, ON M2N 6L9
T: 416-590-9362 X 112
F: 416-590-9955
www.xeneca.com

[REDACTED]

From: Stephanie Hodsoll <SHodsoll@xeneca.com>
Sent: March-14-11 3:03 PM
To: [REDACTED]
Subject: RE: blanche river

March 14, 2011

Hello Mr. Gibson,

Sorry for the delay in response – I was out of the office last week.

Thank you for your interest in our proposed Blanche River waterpower project. I have added your name to our stakeholder contact list so that you will receive project updates as they become available.

For the most current information, I will point you to our website – www.xeneca.com. As we are still in the early stages of this project and, you will find that the Notice of Commencement is posted. Please continue to check back.

Thank you!
Steph

Stephanie Hodsoll
Public Affairs Liaison
Xeneca Power Development
5160 Yonge St., Suite 520
North York, ON M2N 6L9
T: 416-590-9362 X 112
F: 416-590-9955
www.xeneca.com

From: Vanesa Enskaitis
Sent: Wednesday, March 02, 2011 3:56 PM
To: Stephanie Hodsoll
Subject: FW: blanche river

From: G.gibson [[mailto:\[REDACTED\]](mailto:[REDACTED])]
Sent: Wednesday, March 02, 2011 1:49 PM
To: Vanesa Enskaitis
Subject:

To Whom This May Concern:

I am now in the Progress of purchasing some property in Ingram Township along the Blanche River. I would first like to be kept informed about the proposed water power project for Blanche River Marter Township.

My Main concern right now is, how the water project would affect the flow of water down the Blanche River.
Thanks

Garry Gibson



email 

Message sent using Hay Communications webmail

From: CJKL FM NEWS <cjklnews@gmail.com>
Sent: August-18-11 2:59 PM
To: Stephanie Hodsoll
Subject: Re: Marter Township GS Project, Blanche River

Stephanie,

I hope to make it there just after my shift ends on the radio in Kirkland Lake, and the drive to Englehart is about 30 minutes, so I plan to be there just before 5:30.

On Thu, Aug 18, 2011 at 2:51 PM, Stephanie Hodsoll <SHodsoll@xeneca.com> wrote:

> Hi Alan,
>
> Great! We're glad to hear that you can make it.
>
> Mark Holmes will be your spokesperson on the 23rd. Are you available to come to the venue at 4 p.m. for the interview? A couple of members of Town Council will be there at that time, and the doors will be opening so you may get some stakeholders as well.
>
> Please let me know.
>
> Thanks!
> Steph
>
> ***Change of Address Alert***
> As of August 29, 2011 Xeneca will be located at:
> 5255 Yonge Street, Suite 1200
> North York, ON M2N 6P4
>
> Please send all post to this new address.
> Phone numbers & email addresses will remain the same
>
> Stephanie Hodsoll
> Public Affairs Liaison
> Xeneca Power Development
> 5160 Yonge St., Suite 520
> North York, ON M2N 6L9
> T: 416-590-9362 X 112
> F: 416-590-9955
> www.xeneca.com
>
> This transmission is intended only for the addressee and contains PRIVILEGED or CONFIDENTIAL information. If you have received this electronic mail in error, please immediately notify the sender. Any unauthorized disclosure, use or retention is strictly prohibited. Xeneca does not accept liability for any errors, omissions, corruption or virus in contents or attachments. Information is provided for use "as is" by the addressee. Revised documents must not be represented as Xeneca work product, without express, written permission of a Xeneca Director.
>
> -----Original Message-----
> From: CJKL FM NEWS [<mailto:cjklnews@gmail.com>]
> Sent: Thursday, August 18, 2011 2:29 PM
> To: Stephanie Hodsoll
> Subject: Re: Marter Township GS Project, Blanche River
>
> Hello Stephanie,
>

> I will be able to attend the public information center on Tuesday, August 23.
>
> If you could arrange for a spokesperson to be free to speak with me
> there that would be very much appreciated.
>
> Thanks.
>
> On Wed, Aug 17, 2011 at 2:32 PM, Stephanie Hodsoll <SHodsoll@xeneca.com> wrote:
>> August 17, 2011
>>
>> Hi Alan,
>> Hope you had a nice conversation with Mark Holmes a little while ago.
>> Just thought this invitation may be of interest to you.
>> Hope to see you next Tuesday if you are available.
>>
>> Cheers,
>> Steph
>>
>> ---
>> From: Stephanie Hodsoll
>> Sent: Wednesday, August 17, 2011 2:05 PM
>> To: Stephanie Hodsoll
>> Subject: Invitation to Xeneca's Marter Twp. Public Information Centre
>>
>> August 17, 2011
>>
>> Good afternoon!
>>
>> Xeneca would like to invite you to our upcoming Public Information Centre for our proposed Marter Twp. waterpower project on the Blanche River.
>>
>> Please join us next Tuesday, August 23 from 4 - 8 p.m. at the Englehart Community Hall, 80 Seventh Ave., Englehart, ON.
>>
>> Attached are the notice ads that ran in the Northern News on August 12 & 19.
>>
>> This PIC will be an opportunity to speak to Xeneca staff and technical experts about any questions you may have. It will be an open house format, rather than a formal presentation.
>> Maps and informational panels (both process-related and project-specific) will be on display.
>> We will also provide takeaway packages with a brief project overview, site map and Citizen's Guide to the Waterpower Class EA.
>>
>> We hope to see you there!
>>
>> Yours truly,
>> Steph
>>
>>
>> ***Change of Address Alert***
>> As of August 29, 2011 Xeneca will be located at:
>> 5255 Yonge Street, Suite 1200
>> North York, ON M2N 6P4
>>
>> Please send all post to this new address.
>> Phone numbers & email addresses will remain the same
>>
>> Stephanie Hodsoll
>> Public Affairs Liaison
>> Xeneca Power Development
>> 5160 Yonge St., Suite 520
>> North York, ON M2N 6L9
>> T: 416-590-9362 X 112
>> F: 416-590-9955

>> www.xeneca.com

>>

>> This transmission is intended only for the addressee and contains PRIVILEGED or CONFIDENTIAL information. If you have received this electronic mail in error, please immediately notify the sender. Any unauthorized disclosure, use or retention is strictly prohibited. Xeneca does not accept liability for any errors, omissions, corruption or virus in contents or attachments. Information is provided for use "as is" by the addressee. Revised documents must not be represented as Xeneca work product, without express, written permission of a Xeneca Director.

>>

>>

>> -----Original Message-----

>> From: CJKL FM NEWS [<mailto:cjklnews@gmail.com>]

>> Sent: Wednesday, August 17, 2011 10:36 AM

>> To: Stephanie Hodsoll

>> Subject: Marter Township GS Project, Blanche River

>>

>> Hello Stephanie,

>>

>> I would like to speak with someone at Xeneca Power Development Inc.

>> about the project moving forward on the Blanche River.

>>

>> I have seen a public notice in the local Kirkland Lake newspaper about

>> a Public Information Center, and I would like more information on it

>> and what the project is about.

>>

>> You or a spokesperson can call me at 1-705-567-6200 between 10 a.m.

>> and 5 p.m.(EST).

>>

>> Thanks.

>>

>> --

>> Alan Pedwell

>> News Director

>> 101.5 CJKL FM

>> 5 Kirkland St. East,

>> Kirkland Lake, ON, P2N 1N9

>> www.cjklfm.com

>> Phone: 705-567-6200

>> Cell: 705-668-1779

>> Fax: 705-567-6101

>>

>

>

>

> --

> Alan Pedwell

> News Director

> 101.5 CJKL FM

> 5 Kirkland St. East,

> Kirkland Lake, ON, P2N 1N9

> www.cjklfm.com

> Phone: 705-567-6200

> Cell: 705-668-1779

> Fax: 705-567-6101

>

--

Alan Pedwell

News Director

101.5 CJKL FM

5 Kirkland St. East,
Kirkland Lake, ON, P2N 1N9
www.cjklfm.com
Phone: 705-567-6200
Cell: 705-668-1779
Fax: 705-567-6101

From: Stephanie Hodson <SHodson@xeneca.com>
Sent: October-14-11 10:23 AM
To: David Allen
Subject: RE: Marter twp. Blanche River Project

October 14, 2011

Hi Dave,

Thanks for your response. Now it is me apologizing for a delayed response. I understand that as a representative of the OFAH your concerns are conservation, fish and wildlife. Please be assured that we are conducting ongoing biology studies for both aquatic and terrestrial species.

Our approach is to advise all of our stakeholders when the EA is released for review, and to release the associated documents at that time. I can assure you that you are on our stakeholder list and will be advised as soon as it is released for review.

My boss/Xeneca's VP Corporate Affairs, Mark Holmes, used to work for OFAH so we have a good relationship with the group. You may have spoken with Mark in the past, and if you'd like, I am happy to arrange a phone call between you two.

Let me know if you're interested in this, and if not, we will be in touch in the coming months!

Thanks again.

Yours truly,
Steph

Stephanie Hodson
Public Affairs Liaison
Xeneca Power Development
5255 Yonge Street, Suite 1200
North York, ON M2N 6P4
T: 416-590-3077
F: 416-590-9955
www.xeneca.com

This transmission is intended only for the addressee and contains PRIVILEGED or CONFIDENTIAL information. If you have received this electronic mail in error, please immediately notify the sender. Any unauthorized disclosure, use or retention is strictly prohibited. Xeneca does not accept liability for any errors, omissions, corruption or virus in contents or attachments. Information is provided for use "as is" by the addressee. Revised documents must not be represented as Xeneca work product, without express, written permission of a Xeneca Director.

-----Original Message-----

From: David Allen [<mailto:>]
Sent: Tuesday, September 20, 2011 4:34 PM
To: Stephanie Hodson
Subject: RE: Marter twp. Blanche River Project

Hi Stephanie,
I represent Zone C for the Ontario Federation of Anglers and Hunters. As always our concern is conservation, fish and wildlife. As representatives of this great organization we often ask for a comprehensive list of affected species for projects such as Xeneca's. I will look forward to the Class EA.

Sorry for the late response.

Dave

-----Original Message-----

From: Stephanie Hodsoll [<mailto:SHodsoll@xeneca.com>]

Sent: September-13-11 3:53 PM

To: [REDACTED]

Subject: FW: Marter twp. Blanche River Project

September 13, 2011

Hi again Mr. Allen,
Just following up on my email below from September 6.
Please advise.

Thank you!

Cheers,
Steph

Stephanie Hodsoll
Public Affairs Liaison
Xeneca Power Development
5255 Yonge Street, Suite 1200
North York, ON M2N 6P4
T: 416-590-3077
F: 416-590-9955
www.xeneca.com

This transmission is intended only for the addressee and contains PRIVILEGED or CONFIDENTIAL information. If you have received this electronic mail in error, please immediately notify the sender. Any unauthorized disclosure, use or retention is strictly prohibited. Xeneca does not accept liability for any errors, omissions, corruption or virus in contents or attachments. Information is provided for use "as is" by the addressee. Revised documents must not be represented as Xeneca work product, without express, written permission of a Xeneca Director.

-----Original Message-----

From: Stephanie Hodsoll

Sent: Tuesday, September 06, 2011 11:21 AM

To: David Allen

Subject: RE: Marter twp. Blanche River Project

September 6, 2011

Good morning Mr. Allen,

Thank you for your comments. Can you please identify which group you represent?

Our biologists have conducted presence&absence surveys in the river system. Do you mean that you believe there are some fish species missing from the studies? If so, which species? The panels presented at the Public Information Centre in Englehart were not meant to be an exhaustive list of aquatic species; all the biology data will be available in the Class Environmental Assessment report once it is prepared.

Please advise.

As you are on our stakeholder contact list for this project, you will receive project updates as they become available.

Thank you once again for your participation in the process and your feedback.

Yours truly,
Steph

-----Original Message-----

From: David Allen [<mailto:> 
Sent: Sat 9/3/2011 9:35 AM
To: Stephanie Hodsoll
Subject: Marter twp. Blanche River Project

Hello,

I am a representative a of a group and a community member interested in these projects.

I heard of the presentation from the leader of the representative group.

At the presentation the display panels and staff were somewhat helpful.

The fish and other aquatic species inhabiting the 2.4kms. of the affected river could be better determined.

I was assured that this will happen and look forward to an update.

I have made a verbal report to the local group.

D. Allen

From: Muriel Kim
Sent: June-11-12 5:23 PM
To:



Subject: Notice of a Public Information Centre – Xeneca’s proposed Blanche River waterpower development
Attachments: Marter PIC Ad - June 27 - French.pdf; Marter PIC Ad - June 27.pdf

Good afternoon,

This is to notify you that Xeneca will be hosting a public information centre (PIC) for its proposed waterpower development on the Blanche River (Marter Township) in Englehart on June 27, 2012. The PIC will be held at the Englehart Community Hall from 4:00 p.m. to 8:00 p.m.

The advertisement for the PIC will be printed in local media on June 15 and June 20 in both English and French. Copies of the advertisement are enclosed.

Members of the project team will be on hand for the event to provide information on the project and to answer questions from the attendees.

Should you require additional information about the PIC, please contact:

Stephanie Hodsoll
Stakeholder Relations & Public Affairs Liaison
Xeneca Power Development Inc.
5255 Yonge St., Suite 1200
North York, ON M2N 6P4
T: 416-590-3077
F: 416-590-9955
E: shodsoll@xeneca.com

From: Arnold Chan <achan@xeneca.com>
Sent: June-19-12 3:46 PM
To: Ivan & Karen
Cc: Mark Holmes; Stephanie Hodsoll; Vanesa Enskaitis
Subject: Invitation to Xeneca's Marter Twp. (Blanche River) Public Information Centre
Attachments: Marter PIC Ad - June 27 - French.pdf; Marter PIC Ad - June 27.pdf

Hi Ivan,

I hope you are well.

We just wanted to give you notice that Xeneca is holding a second Public Information Centre at the Englehart Community Centre next week, on Wednesday, June 27th from 4 to 8 p.m. I am attaching the Newspaper Ad that was published in the local papers. If you happen to be in town, please feel free to stop by. Otherwise, the panels that will be at the PIC will be posted on our website shortly after the meeting.

I should note that I won't be in attendance, but my colleagues, Mark Holmes, Stephanie Hodsoll and Vanesa Enskaitis will be there. I understand that Mark is also arranging to meet you sometime in the near future in Kincardine to further discuss the project.

If you have any questions or concerns, please do not hesitate to contact us!

Kind regards,

Arnold G. Chan

Xeneca Power Development Inc.
Vice-President, Aboriginal Affairs & General Counsel
Yonge-Norton Centre
5255 Yonge Street, Suite 1200
Toronto, Ontario M2N 6P4
Direct: (416) 590-3067
Office: (416) 590-9362 (ext. 3067)
Fax: (416) 590-9955
achan@xeneca.com
www.xeneca.com

This transmission is intended only for the addressee and contains PRIVILEGED or CONFIDENTIAL information. Any unauthorized disclosure, use or retention is strictly prohibited. Xeneca does not accept liability for any errors, omissions, corruption or virus in contents or attachments. Information is provided for use "as is" by the addressee. Revised documents must not be represented as Xeneca work product, without express, written permission of a Xeneca Director. If you have received this electronic mail in error, please immediately notify the sender. Thank you.

[REDACTED]

From: Arnold Chan <achan@xeneca.com>
Sent: June-19-12 11:27 AM
To: Dieter Niebler
Cc: [REDACTED]; Stephanie Hodsohl
Subject: FW: Invitation to Xeneca's Marter Twp. (Blanche River) Public Information Centre
Attachments: Marter PIC Ad - June 27 - French.pdf; Marter PIC Ad - June 27.pdf

Dear Mr. Niebler:

I just wanted to let you and your clients know that next week, we will be holding our second Public Information Centre (PIC) at the Englehart Community Centre, on Wednesday, June 27th from 4 to 8 p.m. This is part of the process related to the Environmental Assessment process for Waterpower projects.

I am attaching the Newspaper Ad that was published in the local papers. Although I don't expect your clients to attend, I did want to notify them as riparian landowners in close proximity to the proposed project.

There will be some materials that will be added to our website from the PIC that will show the panels that will be available for public viewing. Our website again is: www.xeneca.com.

Please feel free to give me a call at (416) 590-3067, if you or your clients have any questions.

Kind regards,

Arnold G. Chan
Xeneca Power Development Inc.
Vice-President, Aboriginal Affairs & General Counsel
Yonge-Norton Centre
5255 Yonge Street, Suite 1200
Toronto, Ontario M2N 6P4
Direct: (416) 590-3067
Office: (416) 590-9362 (ext. 3067)
Fax: (416) 590-9955
achan@xeneca.com
www.xeneca.com

This transmission is intended only for the addressee and contains PRIVILEGED or CONFIDENTIAL information. Any unauthorized disclosure, use or retention is strictly prohibited. Xeneca does not accept liability for any errors, omissions, corruption or virus in contents or attachments. Information is provided for use "as is" by the addressee. Revised documents must not be represented as Xeneca work product, without express, written permission of a Xeneca Director. If you have received this electronic mail in error, please immediately notify the sender. Thank you.

From: Arnold Chan <achan@xeneca.com>
Sent: June-19-12 3:34 PM
To: John Nychuk
Cc: Mark Holmes; Stephanie Hodsoll; Vanesa Enskaitis; John Pollock
Subject: Invitation to Xeneca's Marter Twp. (Blanche River) Public Information Centre
Attachments: Marter PIC Ad - June 27 - French.pdf; Marter PIC Ad - June 27.pdf

Hi John:

I spoke to your wife briefly, but I wanted to let you know about an upcoming Public Information Centre (PIC) that we will be holding next week. This will be the second PIC for the Marter project. I am attaching a copy of the Notices that were advertised recently in the local newspapers. It will be held next week on Wednesday, June 27th from 4 to 8 p.m. at the Englehart Community Centre.

I will not be in attendance at this session, but my colleagues, Mark Holmes, Vanesa Enskaitis and Stephanie Hodsoll will all be available to answer any questions, if you decide to travel up and to attend. The panels that are being made available at the PIC will be available on our website shortly after the session. Many of the panels will be similar to the previous PIC but there it adds additional work that we have done since the last session.

I also wanted to follow up about scheduling time for our archaeologist, Dr. John Pollock to visit your property (among others) to conduct what is known as a Stage II archaeological assessment. This usually entails digging small holes to look for evidence of cultural artifacts and then re-filling the holes once they have completed the assessment. They typically will dig in areas where they have assessed the probability of a high potential to locate artifacts of cultural significance. This will typically be found near rapids (portage routes). Our archaeologist will also have to assess the proposed road and transmission routing for the possibility of cultural artifacts. If the area has already been significantly disturbed, he will unlikely conduct much work. However, I wanted to put you in touch with Dr. Pollock who can more accurately describe the activities that he is most likely to undertake on your Property (and on others that he is required to assess).

Finally, I wanted to follow up with you to finalize the Agreement of Purchase and Sale. In part, this would help resolve issues such as liability, the requirements of remediation, etc. I am hoping that you have had a chance to obtain the necessary tax advice on this front to minimize your risk.

Please let me know when is a convenient time to follow up with you. I look forward to chatting with you!

Kind regards,

Arnold G. Chan
Xeneca Power Development Inc.
Vice-President, Aboriginal Affairs & General Counsel
Yonge-Norton Centre

5255 Yonge Street, Suite 1200
Toronto, Ontario M2N 6P4
Direct: (416) 590-3067
Office: (416) 590-9362 (ext. 3067)
Fax: (416) 590-9955
achan@xeneca.com
www.xeneca.com

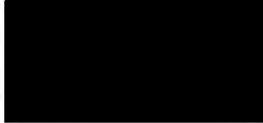
This transmission is intended only for the addressee and contains PRIVILEGED or CONFIDENTIAL information. Any unauthorized disclosure, use or retention is strictly prohibited. Xeneca does not accept liability for any errors, omissions, corruption or virus in contents or attachments. Information is provided for use "as is" by the addressee. Revised documents must not be represented as Xeneca work product, without express, written permission of a Xeneca Director. If you have received this electronic mail in error, please immediately notify the sender. Thank you.



5255 Yonge St., Suite 1200, North York, ON M2N 6P4
tel 416-590-9362 fax 416-590-9955 www.xeneca.com

July 9, 2012

Peter Sword



Dear Mr. Sword,

Thank you once again for attending the June 27 Marter Twp. Public Information Centre in Englehart. As requested, please find enclosed the Marter Twp. baseline report.

If you have any questions please let me know.

Thank you!

Yours truly,

A handwritten signature in black ink that reads "shodsoll".

Steph Hodsoll
Stakeholder Relations, Xeneca Power Development
5255 Yonge St., Suite 1200
North York, ON M2N 6P4
(416) 590-3077
shodsoll@xeneca.com

[REDACTED]

From: Stephanie Hodsoll <SHodsoll@xeneca.com>
Sent: September-10-12 3:32 PM
To: [REDACTED]
Subject: RE: Follow-up to phone call - Marter Twp. project info

September 10, 2012

Hi Shawn,

Just wanted to follow up. Are you interested in meeting with Mark Holmes on September 26th? He will be in the Timmins area and is happy to meet with your Council.

Please let me know by the end of this week so we can make travel arrangements.

Thanks again!
Steph

Stephanie Hodsoll
Stakeholder Relations
Xeneca Power Development
5255 Yonge St., Suite 1200
North York, ON M2N 6P4
(416) 590-3077

From: Stephanie Hodsoll
Sent: Wednesday, August 15, 2012 12:16 PM
To: [REDACTED]
Subject: Follow-up to phone call - Marter Twp. project info

Hi Shawn,

Nice to speak to you! Please find attached the information from our most recent Public Information Centre (PIC) for the Marter Twp. project on the Blanche River. The PIC was held on June 27th 2012 in Englehart.

All project information is posted on our website at
http://www.xeneca.com/projects/current_projects/blanche_river.html.

Please let me know if you & the Council have any questions or concerns.

As well, you can feel free to pass this information on to any Council members who are interested. If requested, Mark Holmes (VP Corporate Affairs) can meet with you and/or give a presentation the week of September 25th.

Finally, I have added you to our stakeholder contact list so you will receive project updates as they become available.

Thank you!

Steph

Stephanie Hodson
Stakeholder Relations
Xeneca Power Development
5255 Yonge St., Suite 1200
North York, ON M2N 6P4
(416) 590-3077

Notes from meeting with First resource Management Company

Re: Marter/ Wanatango projects

September 25, 2012

Meeting commenced at 1 p.m. and covered a broad range of topics.

FRMG manages both the Timiskaming and Abitibi River Forest Management units. Marter is located in the Timiskaming FMU and Wantango is in the Abitibi FMU.

FRMG provides full GIS services to its clients and is primarily engaged in permitting and approvals for the forestry sector. Much like KBM which already consults for Xeneca, FRMG is seeking to expand its client base. Interest in providing services to Xeneca was clearly communicated.

Discussion included First Nations Consultation i.e. FRMG experience and Xeneca's experience. It was noted that Wabun Tribal Council is a primary contact that represent First Nation interest in the region. He also noted that Algonquin communities (Wahgoshig) are also actively participating in local forestry activities

Discussion also centred on the procurement of services to clear the land and construct Xeneca's waterpower facilities.

FRMG President Alan Foley noted that there is no apparent conflict between Xeneca's projects and forestry interests in the area.

Mr. Foley may also be of assistance to Xeneca in procuring goods and services from the area and in obtaining permits for forestry and roads related work.

FRMG has communicated Xeneca's offer to present their projects to Forestry related Local Citizen's Committees (LLCs) in both the Timiskaming and Abitibi FMUs.

Subject: FW: Xeneca Power Development - Proposed Marter Twp. Hydro-electric Development on the Blanche River

From: Arnold Chan
Sent: Thursday, February 21, 2013 8:52 AM
To: 'John Thib'
Cc: Geoff Cowie; Serge Ducharme; Brian Conrad; Nava Pokharel
Subject: Xeneca Power Development - Proposed Marter Twp. Hydro-electric Development on the Blanche River

Dear Mr. Thib:

Thank you for your response. I will instruct CPL to proceed with that opinion and will forward that to you in due course.

Kind regards,

Arnold G. Chan
Xeneca Power Development Inc.
Vice-President, Aboriginal Affairs & General Counsel
Yonge-Norton Centre
5255 Yonge Street, Suite 1200
Toronto, Ontario M2N 6P4
Direct: (416) 590-3067
Office: (416) 590-9362 (ext. 3067)
Fax: (416) 590-9955
achan@xeneca.com
www.xeneca.com

This transmission is intended only for the addressee and contains PRIVILEGED or CONFIDENTIAL information. Any unauthorized disclosure, use or retention is strictly prohibited. Xeneca does not accept liability for any errors, omissions, corruption or virus in contents or attachments. Information is provided for use "as is" by the addressee. Revised documents must not be represented as Xeneca work product, without express, written permission of a Xeneca Director. If you have received this electronic mail in error, please immediately notify the sender. Thank you.

From: John Thib [<mailto:John.Thib@ontarionorthland.ca>]
Sent: Wednesday, February 20, 2013 4:04 PM
To: Arnold Chan
Cc: Geoff Cowie; Serge Ducharme; Brian Conrad; Nava Pokharel
Subject: Re: Xeneca Power Development - Proposed Marter Twp. Hydro-electric Development on the Blanche River

Mr. Chan

Please have your consulting engineers provide that information to us. Once received we will review and respond with any questions we may have. Thank you in advance.

John L. Thib
Vice President
Rail Division
Ontario Northland Railway

On 2013-02-20, at 3:22 PM, "Arnold Chan" <achan@xeneca.com> wrote:

Dear Mr. Thib,

I wanted to follow up from my earlier email since we haven't heard anything to see if we could arrange for a resolution to this matter.

What we are prepared to do is to go back to our consulting engineers (Canadian Projects Limited) to provide an engineering opinion that will state in unqualified language that our proposed Marter Twp. project, as it is current proposed to be operated will not have a negative impact on the bridge structure. We are very confident that the manner in which we propose to operate will not have an impact on ONR property in any way.

We would also be prepared to follow up to provide an indemnification to ONR should it be determined that Xeneca's operation of a future dam at the proposed location on the Blanche River is shown to impact the bridge in any way. In that instance where it can be shown that our operations had an impact, we would be financial responsible for such losses.

If we provided both of these documents (the engineering opinion and an indemnification agreement), would this be sufficient to obtain some kind of communication from ONR that it does not object to Xeneca's proposed Marter hydroelectric project? We would also be happy to provide an opportunity for your engineers to discuss this matter with our engineer, Nava Pokharel and our consultants, if that will provide more comfort.

We look forward to your very kind reply.

Yours truly,

Arnold G. Chan
Xeneca Power Development Inc.
Vice-President, Aboriginal Affairs & General Counsel
Yonge-Norton Centre
5255 Yonge Street, Suite 1200
Toronto, Ontario M2N 6P4
Direct: (416) 590-3067
Office: (416) 590-9362 (ext. 3067)
Fax: (416) 590-9955
achan@xeneca.com
www.xeneca.com

This transmission is intended only for the addressee and contains PRIVILEGED or CONFIDENTIAL information. Any unauthorized disclosure, use or retention is strictly prohibited. Xeneca does not accept

liability for any errors, omissions, corruption or virus in contents or attachments. Information is provided for use "as is" by the addressee. Revised documents must not be represented as Xeneca work product, without express, written permission of a Xeneca Director. If you have received this electronic mail in error, please immediately notify the sender. Thank you.

From: Arnold Chan
Sent: Tuesday, January 08, 2013 2:49 PM
To: 'John Thib'
Cc: Geoff Cowie; Serge Ducharme; Brian Conrad; Nava Pokharel
Subject: Xeneca Power Development - Proposed Marter Twp. Hydro-electric Development on the Blanche River

Dear Mr. Thib,

Thank you for your prompt response and for ONR's rapid internal review.

Would it be helpful to have a dialogue with one of our engineers and possibly to include our external consulting engineers who conducted the modeling exercise to have a dialogue with your engineering group? Is there someone from Xeneca (or one of our consultants) that could speak with an appropriate party at Ontario Northland to walk you through our modeling exercise? I am copying Nava Pokharel who is Xeneca's lead engineer on our HEC RAS modeling exercises. Nava's direct line is (416) 590-3076. He would be happy to discuss with your engineering group our process and to attempt to answer any of your questions.

I look forward to your kind reply.

Yours truly,

Arnold G. Chan
Xeneca Power Development Inc.
Vice-President, Aboriginal Affairs & General Counsel
Yonge-Norton Centre
5255 Yonge Street, Suite 1200
Toronto, Ontario M2N 6P4
Direct: (416) 590-3067
Office: (416) 590-9362 (ext. 3067)
Fax: (416) 590-9955
achan@xeneca.com
www.xeneca.com

This transmission is intended only for the addressee and contains PRIVILEGED or CONFIDENTIAL information. Any unauthorized disclosure, use or retention is strictly prohibited. Xeneca does not accept liability for any errors, omissions, corruption or virus in contents or attachments. Information is provided for use "as is" by the addressee. Revised documents must not be represented as Xeneca work product,

without express, written permission of a Xeneca Director. If you have received this electronic mail in error, please immediately notify the sender. Thank you.

From: John Thib [<mailto:John.Thib@ontarionorthland.ca>]
Sent: Tuesday, January 08, 2013 12:59 PM
To: Arnold Chan
Cc: Geoff Cowie; Serge Ducharme; Brian Conrad
Subject: FW: Xeneca Power Development - Proposed Marter Twp. Hydro-electric Development on the Blanche River

Dear Mr. Chan

Your email and attached information has been provided to my office for a response. I have reviewed the information and share the concerns identified by the MNR. As you can appreciate the bridge structure in question is of considerable age, and requires extensive repair. While the MNR suggests you may require ONTC "consent" to proceed, it appears based on your email you do not have duty since your modeling indicates the impact is so small to be negligible. I do have a concern over any impact your project may have on the footings to our railway bridge structure at that location. Without confirming documentation that this project will not impact ONTC property, I am not able to provide either a "letter of consent" or "a letter of no concern"

Regards

John L. Thib

Vice President

Rail Services

[Ontario Northland Railway](#)

(o) 705.472.4500 ext 319

(c) 705.544.0003 or 705.499.7886

(f) 705.475.5043

From: Brian Conrad
Sent: Monday, January 07, 2013 1:54 PM
To: Kelly Domanico
Cc: Geoff Cowie; John Thib; Michael Brown; Serge Ducharme; Paul-Andre Lajeunesse
Subject: FW: Xeneca Power Development - Proposed Marter Twp. Hydro-electric Development on the Blanche River

Good Afternoon Kelly;

Thank you for this email advice relative to the proposed power development project on the Blanche River System. Given the nature of the request and the potential impact on our rail right-of-way, I am forwarding this request to our Engineering Group for their review and further direction.

Thanks
Brian

From: Kelly Domanico
Sent: Monday, January 07, 2013 11:42 AM
To: Brian Conrad
Cc: Geoff Cowie
Subject: FW: Xeneca Power Development - Proposed Marter Twp. Hydro-electric Development on the Blanche River

Good morning Brian. Geoff has asked me to forward this email on to you for your further handling. I am also forwarding to you hard copies of further documentation which I will send in this afternoon's mail. If you have any questions or concerns, kindly advise.

Kelly Domanico
Administrative Assistant
Legal Department
Ontario Northland Transportation Commission
Phone: (705) 472-4500 ext. 381
Fax: (705) 472-1051
Email: kelly.domanico@ontarionorthland.ca
Ontario Northland - Connecting the North

<image001.jpg>

From: Geoff Cowie
Sent: Monday, January 07, 2013 11:21 AM
To: Kelly Domanico
Subject: FW: Xeneca Power Development - Proposed Marter Twp. Hydro-electric Development on the Blanche River

From: Arnold Chan [<mailto:achan@xeneca.com>]
Sent: January-04-13 2:29 PM
To: Geoff Cowie
Cc: Nava Pokharel
Subject: Xeneca Power Development - Proposed Marter Twp. Hydro-electric Development on the Blanche River

Dear Mr. Cowie:

Thank you so much for your rapid response this morning to my email from yesterday.

As mentioned, Xeneca Power Development Inc. and Xeneca Limited Partnership (collectively, "Xeneca") is a developer of small hydro-electricity facilities in the Province of Ontario. Xeneca currently holds 19 Feed-in-Tariff (FIT) contracts from the Ontario Power Authority issued under the Province of Ontario's *Green Energy and Green Economy Act* including one project known as "Marter Twp." This FIT contract has a proposed capacity of 2.1 Megawatts. It is located on the Blanche River near the Town of Englehart. I understand that there was an Englehart stop on the *Northlander*.

Our proposed Marter facility is planned to operate as a “modified run-of-river” facility. That means there will be times that we will operate intermittently and hold back some water within the Blanche River (usually during the lower flow periods) to optimize power production during the higher demand peak period. (Our intention is to hold water overnight or at most for a few days and to run the facility at a higher capacity during the daily peak period when there is higher demand for electric power).

However, we have created a model showing our proposed operations that has generated an inundation map which is attached above. As you can see, the flood inundation zone comes close to the railway corridor but it does not traverse it. The railway corridor is located on the left side of the map. As you can see, the flood inundation runs up but just prior to the railway line on the lot referred to as “Lot 6” (the [REDACTED] property).

Under regulations, hydro-electricity facilities require mapping that shows the potential impact to the 1-100 year flood line. This is represented by the solid red line in the attached inundation boundary map. The other lines are described as follows:

- Dotted blue line (the current existing long-term average flow – which would be the defined “water boundary”);
- The dotted red line (the current 1-100 year flood zone);
- The solid blue line (the new proposed long-term average flow – the new water boundary once the facility is built);
- The solid red line (the new 1-100 year flood zone).

As you can see near where the Ontario Northland corridor exists, the four lines are virtually indistinguishable and they are all in very close proximity to one another.

Originally, Xeneca had proposed a smaller operation but we saw an opportunity to build a slightly larger facility to optimize the power output for the site. As a result, the original modeling had us flooding only to the property referred to on the Inundation Map as “Lot 3”. When we decided on the larger facility, we needed to re-model and run updated engineering cross-sections and inundation profiles. In a subsequent email, I will send you what is known as the engineering HEC-RAS model reports that show the river profile and how the information was modeled.

To further assist you, I also attach some information from my title search. I include the two Property Index Maps that reference the site. Block Map [REDACTED] (Sheet 1 of 5) is the location of the proposed site. The dam will actually be located on private land (the [REDACTED]) on [REDACTED] (referred to as “Lot 1” on the Inundation Map). Block Map [REDACTED] (Sheet 2 of 9) shows the location of the Ontario Northland parcel. The parcel is listed as [REDACTED]. Further to that end, I have enclosed a recent sub-search for the Parcel Abstract along with the original Crown Patent from 1911.

The Ministry of Natural Resources (which is in charge of the disposition of Crown lands and also is the key regulator for the development of hydro-electric dams under the *Lakes and Rivers Improvement Act (LIRA)*, is concerned that our modeling may have a margin of error that may impact the Ontario Northland railway corridor. They have argued that the margin of error in the model may be such that we require your “consent” to proceed. I have taken the position that since our modeling does not show an impact on the railway corridor (and that even as we approach the ONR corridor, at that point, the impact is so small to be negligible), that ONR’s consent is not required. I have also noted that the conclusion by our engineering consultant also takes the same position that the corridor will not be impacted.

Please also keep in mind that the corridor goes over the river system. As you can see, there is a bridge that goes over the [REDACTED] (Lot 6). If there might be any impact, it would be on the footings of

the bridge – but our model does not show any impact to the bridge. At that level, because there are a series of rapids below the bridge, the impact really levels out by the time it gets to the [REDACTED] Property. The 1-100 year flood zone does bell out a little because of a tributary and low lying area but that is essentially the extent of the potential impact by the time you reach the [REDACTED] Property (at Lot 6).

In a subsequent email, I will attach the earlier referred to HEC-RAS engineering reports for the site. We had an original report prepared by R.J. Burnside where the model shows the impact to run about 2.35 km upstream of the proposed facility. It is our understanding that the ONR bridge is located 2.4 km upstream of the site. The Burnside Report was then peer reviewed by Canadian Projects Limited – another one of our engineering consulting firms.

What we are hoping to get from Ontario Northland is either a “letter of consent” or “a letter of no concern” about our proposed development.

We are presently in the process of preparing what is known as the “Waterpower Class Environmental Assessment Report” (the “Class EA”). It is essentially a scope Environmental Assessment process for small waterpower developments. While land consent is not required for the Class EA (although it will be required under *LIRA*), we are hoping to have resolved outstanding land issues with landowners upstream of the proposed site prior to the completion of the Class EA. We are looking to complete this process in the next few months.

Please review the attached material. I will send the HEC-RAS Engineering Report prepared by Canadian Project Limited and R.J. Burnside in a subsequent email (because of its file size).

If you require additional material or other information that you think might be helpful, please let me know what I can provide that might be of assistance. After you have had a chance to review the material and we can follow up with any concerns or questions that you may have.

Thank you in advance for your kind attention. I look forward to your kind reply in due course.

Yours truly,

Arnold G. Chan

Xeneca Power Development Inc.

Vice-President, Aboriginal Affairs & General Counsel

Yonge-Norton Centre

5255 Yonge Street, Suite 1200

Toronto, Ontario M2N 6P4

Direct: (416) 590-3067

Office: (416) 590-9362 (ext. 3067)

Fax: (416) 590-9955

achan@xeneca.com

www.xeneca.com

This transmission is intended only for the addressee and contains PRIVILEGED or CONFIDENTIAL information. Any unauthorized disclosure, use or retention is strictly prohibited. Xeneca does not accept liability for any errors, omissions, corruption or virus in contents or attachments. Information is provided for use "as is" by the addressee. Revised documents must not be represented as Xeneca work product, without express, written permission of a Xeneca Director. If you have received this electronic mail in error, please immediately notify the sender. Thank you.

From: Fred Pinto [REDACTED]
Sent: April-29-13 6:45 PM
To: Stephanie Hodsoll
Subject: Re: Speak to the Nipissing Naturalist Club

Follow Up Flag: Follow up
Flag Status: Flagged

Hi Stephanie,

Yes, we are still looking forward to hear from Mark. We will have 2 high school students at our June meeting, they are the winners of the local science fair, and will describe their work. Mark will have 1 h for his presentation and to answer questions. I suggest Mark speak for about 30-35 min and then take questions.

We have a lap top computer and projection device. If Mark has a Power Point presentation he can use our laptop, if not he may better if he used his own computer as we have had problems with other speaker's presentations in a different format or computer application.

Our meetings begins at 7 pm and Mark will have from 7.30 to 8.30 pm. The meetings are held at 60 Olive St - Cassellhome for the Aged's auditorium.

Fred Pinto

On Mon, Apr 29, 2013 at 12:09 PM, Stephanie Hodsoll <SHodsoll@xeneca.com> wrote:

Hi Fred, hope you've had a nice winter. Just wanted to check in and see if we are still on for June 11 for Mark Holmes to speak about Xeneca's hydro projects.

If anything has changed please let me know.

Thanks!
Steph

Stephanie Hodsoll

Stakeholder Relations

Xeneca Power Development

5255 Yonge St., Suite 1200

North York, ON M2N 6P4

[\(416\) 590-3077](tel:(416)590-3077)

From: Stephanie Hodson
Sent: Tuesday, September 11, 2012 11:17 AM
To: Fred Pinto
Cc: Mark Holmes
Subject: RE: Speak to the Nipissing Naturalist Club

Hi Fred,

Thanks for your email. Mark will be happy to wait for the nicer weather & come speak to your club in June 2013. I have CC'ed him here so that you'll have his email address. It's in his calendar so we'll be in touch later next year for any final details.

Thanks again for the offer.

Have a great winter!
Cheers,

Steph

Stephanie Hodson

Stakeholder Relations

Xeneca Power Development

5255 Yonge St., Suite 1200

North York, ON M2N 6P4

[\(416\) 590-3077](tel:(416)590-3077)

From: Fred Pinto [mailto:████████████████████]
Sent: Monday, September 10, 2012 8:02 PM
To: Stephanie Hodson
Subject: Re: Speak to the Nipissing Naturalist Club

Hi Stephanie,

We would be very interested in hearing about the Marter township project and an example, though your other projects would also be of interest, such as the Frederick House R, Ivanhoe R. and Serpent R. Most of our members are long term residents of N Ont so many of them are familiar with these rivers.

Currently Nov has already been allocated to another speaker. Would Mark Holmes be able to speak to our members in March 2013 or May or June? If this is not convenient for Mark I can ask the Nov speaker if he is willing to be rescheduled.

Our meetings are on the second Tuesday of the each of those months. The meeting starts at 7 pm with the speaker having from 7.30 to 8.30 to make his presentation and answer questions.

We do have a laptop, projector for the computer and screen that the speaker can use. If you need anything else let me know and I will try and find the eqpt.

We have not had someone talk about new electric generation projects for a while. The last speaker to our club on the renewable energy spoke about solar power and the micro FIT program. Several members have installed solar panels and some have questioned if this has led to an increase in everyone's electric bills. If Mark does speak to our club he should be ready to explain what is causing electricity rates to rise and what is happening to electricity rates in provinces such as Alberta that do not have green energy programs.

Fred Pinto

On Mon, Sep 10, 2012 at 3:19 PM, Stephanie Hodsoll <SHodsoll@xeneca.com> wrote:

September 10, 2012

Hi Fred,

Thanks for contacting Xeneca. The closest waterpower project that we are developing is the Marter Twp. project on the Blanche River near Englehart/Chamberlain Township. For more information please see www.xeneca.com/projects/current_projects/blanche_river.html

Mark Holmes, VP Corporate Affairs, would be pleased to present to your club on November 13th if the speaker space is still available. Will he have the entire hour to present? As well, what he should bring (projector etc.)?

Please let me know.

Thanks!
Steph

Stephanie Hodson

Stakeholder Relations

Xeneca Power Development

5255 Yonge St., Suite 1200

North York, ON M2N 6P4

[\(416\) 590-3077](tel:(416)590-3077)

From: Fred Pinto [mailto:████████████████████]
Sent: Monday, July 30, 2012 7:51 PM
To: Vanesa Enskaitis
Subject: Speak to the Nipissing Naturalist Club

Hi Vanesa,

I am with the Nipissing Naturalist Club in North Bay and I organize the club's program for our monthly meetings. I am developing the program for 2012-2013 and would like to invite you or Mark Holmes to speak at one of our meetings about the work you are doing regarding hydro power development in the Nipissing area. As we are still developing the program most meetings dates are open. If you can attend one of our meetings we would really like you to talk to our members.

Our club meets every 2nd Tuesday of the month from September to June each year (currently Sept, Jan and Feb have been booked by other speakers). Our meetings are held in North Bay in the evening from 7 pm to 9 pm. Speakers have from 7.30 to 8.30 to talk and answer questions.

You can find out more about our club by visiting: <http://www.nipissing-naturalist.com/> The objective of our club is education and enjoyment of nature.

Fred Pinto

From: Nava Pokharel <NPokharel@xeneca.com>
Sent: October-01-13 12:28 PM
To: Grace Yu
Subject: FW: Revised Engineering Opinion from Canadian Projects Limited and Indemnity Agreement
Attachments: 1052-001-3 1 3 4 DK ONTC Bridge Inundation r1 (2) apr 9 2013.pdf

From: Arnold Chan
Sent: Wednesday, July 24, 2013 1:04 PM
To: John Thib; Geoff Cowie
Cc: Serge Ducharme; Brian Conrad; Nava Pokharel
Subject: Revised Engineering Opinion from Canadian Projects Limited and Indemnity Agreement

Dear Mr. Thib/Mr. Cowie:

I am following up one final time to see if the revised engineering opinion coupled with an indemnity agreement related to our proposed Marter Twp. hydro-electric generating station will suffice to remove the concerns of Ontario Northland Railway. I have also left Mr. Cowie a voicemail message to that effect.

It will be our position that we have made a reasonable offer to provide an indemnity and updated engineering opinion to mitigate any risk to Ontario Northland Railway, pending further discussions.

I look forward to your kind reply.

Yours truly,

Arnold G. Chan
Xeneca Power Development Inc.
Vice-President, Aboriginal Affairs & General Counsel
Yonge-Norton Centre
5255 Yonge Street, Suite 1200
Toronto, Ontario M2N 6P4
Direct: (416) 590-3067
Office: (416) 590-9362 (ext. 3067)
Fax: (416) 590-9955
achan@xeneca.com
www.xeneca.com

This transmission is intended only for the addressee and contains PRIVILEGED or CONFIDENTIAL information. Any unauthorized disclosure, use or retention is strictly prohibited. Xeneca does not accept liability for any errors, omissions, corruption or virus in contents or attachments. Information is provided for use "as is" by the addressee. Revised documents must not be represented as Xeneca work product, without express, written permission of a Xeneca Director. If you have received this electronic mail in error, please immediately notify the sender. Thank you.

From: Arnold Chan
Sent: Thursday, May 02, 2013 12:06 PM
To: 'John Thib'; 'Geoff Cowie'
Cc: 'Serge Ducharme'; 'Brian Conrad'; Nava Pokharel
Subject: Revised Engineering Opinion from Canadian Projects Limited and Indemnity Agreement

Dear Mr. Thib/Mr. Cowie:

I am following up from my email of below. Please let us know whether it is possible to schedule a follow up discussion.

Thank you.

Kind regards,

Arnold G. Chan
Xeneca Power Development Inc.
Vice-President, Aboriginal Affairs & General Counsel
Yonge-Norton Centre
5255 Yonge Street, Suite 1200
Toronto, Ontario M2N 6P4
Direct: (416) 590-3067
Office: (416) 590-9362 (ext. 3067)
Fax: (416) 590-9955
achan@xeneca.com
www.xeneca.com

This transmission is intended only for the addressee and contains PRIVILEGED or CONFIDENTIAL information. Any unauthorized disclosure, use or retention is strictly prohibited. Xeneca does not accept liability for any errors, omissions, corruption or virus in contents or attachments. Information is provided for use "as is" by the addressee. Revised documents must not be represented as Xeneca work product, without express, written permission of a Xeneca Director. If you have received this electronic mail in error, please immediately notify the sender. Thank you.

From: Arnold Chan
Sent: Monday, April 22, 2013 3:03 PM
To: 'John Thib'
Cc: Geoff Cowie; Serge Ducharme; Brian Conrad; Nava Pokharel
Subject: Revised Engineering Opinion from Canadian Projects Limited and Indemnity Agreement

Dear Mr. Thib:

Further to my email of February 21, 2013, we have recently received an engineering opinion from Canadian Projects Limited. In their conclusion, they have noted that based upon their analysis conducted, **“the proposed Project does not**

affect water levels, velocities, depths or other hydraulic conditions at the ONTC Railway Bridge for flows up to the 1:100 year flood event”.

On the basis of this engineering opinion, Xeneca is prepared to also provide the attached indemnity arising from any gross negligence or willful acts of Xeneca. It remains our view that our proposed Marter Twp plant will not have a direct impact on the integrity of ONR’s bridge crossing over the Andrew K. Smith property as it bisects the Blanche River up to 1:100 year flows.

Please review and advise whether the attached should satisfy your concerns in respect of receiving a “Letter of No Concern” as it relates to this project moving forward.

Kind regards,

Arnold G. Chan

Xeneca Power Development Inc.
Vice-President, Aboriginal Affairs & General Counsel
Yonge-Norton Centre
5255 Yonge Street, Suite 1200
Toronto, Ontario M2N 6P4
Direct: (416) 590-3067
Office: (416) 590-9362 (ext. 3067)
Fax: (416) 590-9955
achan@xeneca.com
www.xeneca.com

This transmission is intended only for the addressee and contains PRIVILEGED or CONFIDENTIAL information. Any unauthorized disclosure, use or retention is strictly prohibited. Xeneca does not accept liability for any errors, omissions, corruption or virus in contents or attachments. Information is provided for use "as is" by the addressee. Revised documents must not be represented as Xeneca work product, without express, written permission of a Xeneca Director. If you have received this electronic mail in error, please immediately notify the sender. Thank you.

Kirkland District Game and Fish Protective Association



KIRKLAND DISTRICT

GAME AND FISH

PROTECTIVE ASSOCIATION



November 17, 2011

Established 1931

Xeneca Power Development Inc.
5255 Yonge Street, Suite 1200
Toronto, Ontario
M2N 6P4

Dear Vanesa Enskaitis

The members of the Kirkland District Game & Fish Protective Association wish to receive an updated biological report of aquatic life in the Blanche River water system, downstream of your proposed Larder River, Raven Lake project. It is our understanding that Xeneca has completed a biological study of the water system, and we have considerable interest in your findings.

We also sent a series of comments in a letter format that we have yet to receive a response. This letter was posted in March of 2011, we still would seek answers to our concerns. Also we would be interested in learning how Xeneca is proceeding with this project, as we have not received notification of further public information center meetings.

Yours in Conservation,

Tom Woollings
Secretary K.D.G.& F.P.A.



5255 Yonge St., Suite 1200, North York, ON M2N 6P4
tel 416-590-9362 fax 416-590-9955 www.xeneca.com

December 16, 2011

Kirkland District Game and Fish Protective Agency
PO Box 130
Kirkland Lake, ON P2N 3M6

Attention: Reg Brand, Tom Woollings

Dear Mr. Brand & Mr. Woollings,

Xeneca acknowledges receipt of your November 17, 2011 letter with regards to the Blanche River (Marter Twp.) and Larder River (Larden & Raven) projects. Studies for these two projects are ongoing and information is not currently available for public viewing. This information will become available when our Environmental Reports are published (as part of the Waterpower Class Environmental Assessment for Waterpower Projects.)

Noting your February 12, 2011 list of questions, please understand that the length of time to respond is related to the availability of information. We are working to get the answers to your questions and expect to respond in early 2012.

Thank you for your patience as we work to bring you the most up-to-date information about these projects.

Happy holidays!

Yours truly,

Steph Hodsoll
Stakeholder Relations
Xeneca Power Development



5255 Yonge St., Suite 1200, North York, ON M2N 6P4
tel 416-590-9362 fax 416-590-9955 www.xeneca.com

June 22, 2012

Kirkland District Game & Fish Protective Association
PO Box 130
Kirkland Lake, ON
P2N 3M6

Attention: Reg Brand, Tom Woollings

RE: Response to Kirkland District Game and Fish Protective Association: Marter Twp. (Blanche River)

Mr. Brand & Mr. Woollings,

We appreciate your attendance at our public meetings and your comments, and we look forward to further collaboration as we move forward on this project. We hope that you will attend the upcoming Public Information Centre (PIC) for the Marter Twp. project on Wednesday, June 27 from 4-8 p.m. at the Englehart Community Hall. This PIC has been advertised in the Northern Daily News, sent via email to our stakeholder contact list and posted on the Xeneca website.

In your correspondence from February 2011 it was unclear if comments were solely focused on the Larder & Raven project (Larder River) or if they included the Marter Twp. project (Blanche River) as well. To clarify and provide the best information possible, we wish to note that the Larder & Raven project is on a slower track and further information is not expected to be generated until 2013. Available information is posted on our website at www.xeneca.com. The Marter Township project is located in the area used by the Kirkland Lake Game and Fish Protective Association as well as other recreational users and conservationists. This letter is specific to the Marter Twp. project.

Regarding Mr. Brand's comments regarding a biologist in attendance at our January 19, 2011 Public Information Centre (PIC) in Kirkland Lake, we apologize that inclement weather delayed the arrival of some of our key staff who, unfortunately, missed you by just a few minutes. As per your requests and those of your colleague Mr. Woollings, please find attached a copy of the 2010 Environmental Characterization report.

As well, you have requested a copy of the Stage 1 and 2 archaeological reports. Please find attached the Stage 1 report. The Stage 2 report is still under review and we will send you a copy when it becomes available.

You will also find attached the 2011 Environmental Characteristics Report for the Marter Twp. project. As you have requested information about both the Larder & Raven project and Marter Twp. project in the past, we have also attached a copy of the 2010 Environmental Characteristics Report for Larder & Raven.

Further, we would direct your attention of our website at www.xeneca.com for updates on our projects. Should you have further questions or comments please contact Stephanie Hodsoll at shodsoll@xeneca.com.

Response to Comments/Questions: Marter Twp. (Blanche River) Project

Comment: Beaverhouse is a community, NOT a first nation.

Xeneca response: Beaverhouse First Nation is listed as an Aboriginal Community by both Federal and Provincial agencies.

1.1.3 Green Power is defined by both the Green Energy Act and by Federal statute. Xeneca abides by the definitions provided and is working to achieve the Federal Eco logo standard. What makes small waterpower green?

Xeneca response: To be green to EcoLogo Standards, small waterpower has to meet multiple criteria:

- Under 10 MW
- Minimal or no storage (less than 48 hrs)
- Minimal environmental impact (e.g. fish)
- Small physical and ecological footprint

1.1.4 Economic Benefits

Xeneca response: The following provides some key information on the Marter Twp. project and will assist in determining to economic footprint of the project:

- River Long Term Average Flow (LTAF) = 12.5 m³/s
{historical flows range from 1.4 to 411 m³/s}
- Project size 2.1 MW
- Energy Output approx 7,900 MWh/yr, equivalent to:
 - 637 Canadian households per year
 - 100% of Chamberlain and Englehart's annual residential needs
 - Reduction of 8.05 million kg / year of coal

Regarding economic impacts, the cost to build is approximately \$6 -7 million per MW putting the cost between \$12 - 14 million. About one half the cost is related to the water to wire packages (turbines, generators, control systems) the remaining half (\$6 - 7 million) is the procurement of local services ranging from consultants, lawyers and surveyors to trucking, aggregate, concrete, food, fuel and accommodation.

Long term employment is relatively low as these plants are highly automated. About 1 -2 permanent full time jobs will be derived from these projects. In addition, some employment will be created during maintenance periods and for future upgrades.

With respect to Gross Revenue Charge (GRC) payments, we regret to advise that recent changes to the Government of Ontario's policy have precluded any municipal disbursement of GRC. Xeneca is working with municipalities to lobby for a return of the municipal portion of the GRC and would urge Kirkland Lake Game and Fish to join in this effort.

In terms of overall GRC payments, it can be expected that over the 40-year lifespan of Xeneca's contract with the Province, about \$1.3 million will be returned to the people of Ontario.

As for benefits that may assist other industries, Xeneca is working with mining companies to achieve efficiencies such as sharing of transmission infrastructure and costs. An established power line in the vicinity of a developing mining is often considered a significant benefit to mining efforts as can connection points to the mining site which provides stable, locally generated power. Similar connections can also benefit other types of manufacturing such as saw mills.

1.1.5 Parties who Received the Project Description

Xeneca response: CEAA is the Canadian Environmental Assessment Agency.

Provincial Parks would be contacted through Ontario Parks and/or through the Park Superintendent.

Regarding First Nations consultation; comments on consultation would appear in the draft EA and completed EA. Any discussion about Business-to-Business arrangement would likely be confidential.

1.1.6 Federal, Provincial and Municipal Agency and Stakeholder Class EA Consultations

Xeneca response: The Ontario Federation of Anglers and Hunters has been apprised of all Xeneca projects. Presentations have been made to the OFAH Fish and Wildlife Advisory. Consultation with OFAH is ongoing. As well as listing local OFAH member Clubs, Xeneca will add OFAH to our list of stakeholders in our documentation. Please advise if you wish the Zone directors to be added as well.

1.1.7 Environmental Assessment Process

Xeneca response: The designation of a managed waterway is defined by the Ministry of Environment and can be found in the OWA Waterpower Class Environmental Assessment process. The term essentially refers to whether there is development including water control structures already existing on the river system. In this case of the Blanche River, water control structures are already in place, and, as such, it is designated as a managed waterway.

1.3 Land Ownership

Xeneca response: Crown land is owned by the People of Ontario and the Blanche River is designated as a multi use river and waterpower development is listed as an activity that is compatible with it river use designation.

Table 1.2 Potential Federal, Provincial and Municipal Approvals

Xeneca response: Most permitting and approvals including land disposition (location approval) will occur under the MNR's Land and Rivers Improvement Act. Further approval will also be required MOE (water taking permit) and through federal agencies such Department of Fisheries and Oceans and Transport Canada.

2.1.4 Site Access

Xeneca response: It is Xeneca's policy to maintain public access on existing roads as well as new roads. Exceptions are in the interest of public safety and/or environmental concerns. Xeneca would like to work with Kirkland Lake Game and Fish to assess if access to fishing, hunting and other recreational activities can be maintained and/or enhanced.

2.1.8 Transmission

Are there PCBs in the power line transformers?

Xeneca response: No. Transformers to be installed at the plant may be liquid filled or dry type. If the transformer is liquid filled, the cooling fluid will be mineral oil. Oil containing PCBs have been banned for use in new transformers manufactured for use in Ontario for decades. Most suppliers continue to include signage on new transformers similar to the following, "No detectable PCB's contained, at the time of filling." This statement reflects that the manufacturer has tested the oil with the state of the art technology of the day and has verified that no 'detectable PCBs' are contained therein.

Will there be public access along the power line or across it?

Xeneca response: The power line runs parallel with the plant access road predominantly on private property. For sections on Crown Land, these lines are no different to other distribution lines found in residential areas and except where lines are in close proximity to the powerhouse (which will be fenced off for safety), they will not be fenced in.

2.2.1 Type of Proposed Project

Flows: To what extent will flows be modified and what effects will there be on fish, wildlife and canoeing?

Xeneca response: Xeneca has proposed some modification of the flows on the Blanche River on a daily basis. The potential effects on fish and wildlife are the subject of lengthy study and are presented in our EA, and will be reviewed by several regulatory agencies. You will be notified when the final version will be available for public review.

Navigation of canoes and kayaks will be maintained and Xeneca is willing to consider enhancement to portage routes i.e. rest areas, picnic shelter, boat launching area, etc.

2.2.3 Water Management Plan

Xeneca response: D.O.P. is an acronym for Dam Operating Plan

2.3.1 Construction Schedules and Activity

Xeneca response: Site preparation covers a wide range of activities and may include trail and road construction, geotechnical drilling, creation of lay down areas, surveying etc. Physical construction of the plant and other structures will likely occur 2014-15. Permitting will likely occur right up until final detail design.

2.3.3 Decommissioning

Xeneca response: Xeneca is under a 40 year contract after which agreements are expected to be renewed, and, with maintenance and upgrades, the plant could last well in excess of 80 -100 years. No plans for decommissioning are contemplated at this time, however, Xeneca commits to meet or exceed decommissioning standards of the period at which decommissioning may occur.

2.4.1 Energy and Water Requirement Sources

How will waste water be treated and/or disposed?

Xeneca response: Hydro power plants do not create significant volumes of waste water. Sanitation waste will be treated in accordance with provincial laws. Any lubricants or oils used in the plant which may leak onto the powerhouse floor, are collected in a sump and separated from water in an oil-water separator.

2.4.2 Excavation & Quantity of Fill

Regarding the excavated substrate material; will you ensure that explosives, fuel, lubricant, etc. will not be leached into the water system when spawning may occur or fry are in the system below?

Xeneca response: A construction plan will be developed as part of the planning process for this facility. Measures will be employed to prevent any leakage of foreign materials into the waterway.

2.4.4 Waste Disposal

How will the proper disposal of waste be monitored for compliance with regulation?

Xeneca response: Xeneca will provide a compliance plan for construction and operation and will meet all regulatory obligations required by statutes in Ontario.

3.2.1 Physical Environment

Xeneca response: Please see the attached 2011 Environmental Characteristics Report: Marter Twp. report.

Table 3.2
Mean average water flows pre and post construction are requested

Xeneca response: Average river flows are variable and change from day to day, month to month and year to year. The Ontario Water Survey of Canada tracks the flows at numerous locations in Ontario. For this site, no direct measurements are available. However, Xeneca commissioned an engineering firm to generate a sophisticated hydrology model for the site that determined the average annual flow at Marter is 12.4 [m³/s].

Further, given that the hydropower project at Marter is not capable of storing significant amounts of water, the daily average flows of water into the headpond will equal the daily average flow released below the tailrace of the plant.

Assuming that natural river flows in the Blanche River caused by precipitation above the Marter site will continue to follow historical patterns, the daily mean flows before and after construction will be the same.

3.2.2 Biological Environment

Xeneca response: Operating levels for the Marter project will be based on compensatory flows agreed upon with Ministry of Natural Resources and as required to maintain aquatic habitat in downstream reaches. Comments from Kirkland Lake Game and Fish are welcomed and Xeneca will make its findings available to stakeholders for their review in the Class EA.

Field studies conducted in 2010- 11 will be made available to stakeholders for their review. Sturgeon are listed as present in the river system, but not present in the vicinity of the project, nor is their passage through this area likely due to natural obstacles.

Field work is being conducted by a fully certified, third party biology consulting firm, Ontario Resource Management Group (ORMG), based out of the Pembroke area.

Regarding the bass fishery and baitfish issues you have raised, Xeneca would be pleased to work with the Kirkland Lake Game and Fish Association to exchange information and to determine means to enhance local fisheries and recreational attributes.

Points raised regarding water levels post spawning season are noted.

Navigation of canoes and kayaks will be maintained and Xeneca is willing to consider enhancement to portage routes i.e. rest areas, picnic shelter, boat launching area, etc.

3.3.1 Current and Past Land Uses

Xeneca response: Archeological studies have been undertaken and results will be shared with stakeholders upon request. Any significant archeological finds will be more fully studied and assessed.

The project area is located in Northern Ontario.

Xeneca will discuss with trap line operators the impacts of the project and, if appropriate, mitigation or compensation measures may be undertaken.

Regarding recreation and tourism, Xeneca is fully prepared to work with stakeholders to ensure that negative impacts do not occur and, where possible, enhancements can be made.

Aboriginal values are being discussed and will become part of the Class EA.

4.1 Biological Assessment

Xeneca response: Biology survey results are attached for your review and comment.

4.1.2 Fisheries Habitat Assessment & Community Sampling Proposed by the Proponent

Xeneca response: Biology reports are attached for your review.

4.1.3 Reporting

Xeneca response: Reducing turbine related fish mortality is an important element of project design and operation. Among consideration are:

- *Low velocity intake channels that allow young fish to escape current*
- *Various types of gating and screening to prevent fish access to turbine area*
- *Fish friendly turbines.*

Xeneca would like to discuss options with Kirkland Lake Game and Fish.

5.1 Zone of Influence

Xeneca response: Downstream influence will be determined through further study and modeling. Information will be shared with Kirkland lake Game and Fish when available.

Negative impacts to sturgeon downstream are not anticipated as flow modification as a result of plant operation is not expected to be extreme.

Once again, thank you for your continued interest in the Marter Twp. project. If you would like to set up a meeting with myself, please contact Stephanie at shodsoll@xenca.com or 416-590-3077 and we will arrange a convenient date and time.

Sincerely,

Mark Holmes
Vice President, Corporate Affairs
Xeneca Power Development
mholmes@xeneca.com
416-590-3072



5255 Yonge St., Suite 1200, North York, ON M2N 6P4
tel 416-590-9362 fax 416-590-9955 www.xeneca.com

January 10, 2013

Kirkland District Game and Fish Protective Agency
PO Box 130
Kirkland Lake, ON P2N 3M6

Attention: Reg Brand, Tom Woollings

Dear Mr. Brand & Mr. Woollings,

Happy New Year!

As promised in the letter sent to the Kirkland District Game and Fish Protective Agency on June 22, 2012, we are pleased to share a copy of the Marter Stage II Archaeological Report with you (enclosed.)

If you have any questions please let me know. As always, thank you for your continued interest in the Marter Twp. project. If you would like to set up a meeting with Mark Holmes at any point, please let me know and we will arrange a convenient date and time.

Yours truly,

Steph Hodsoll
Stakeholder Relations
Xeneca Power Development
shodsoll@xeneca.com
416-590-3077

Landowners

From: Arnold Chan <achan@xeneca.com>
Sent: May-12-11 5:53 PM
To: Stephanie Hodsoll
Subject: FW: Jewitt Blanche River

From: Arnold Chan
Sent: Wednesday, May 11, 2011 11:48 AM
To: 'Janice Jewitt'
Subject: Jewitt Blanche River

Hi Bruce/Janice:

First, please just call me Arnold. When I hear “Mr. Chan”, I start looking for my Dad.

Let me start with the ecological issues you have raised. As you will note in the draft Project Description, waterpower developments are subject to strict environmental regulations from a number of provincial and federal agencies. All of your comments will be incorporated into the environmental assessment process to ensure that we have addressed and responded to your concerns. To answer your question about environmental mitigation agreements with the public agencies, none are signed at present. Instead, we are required to go through a regulatory process called the Waterpower Class Environmental Assessment – which – once completed, essentially creates a binding contract between us and the Crown as to what we can and cannot do. This is how environmental mitigation is addressed.

Generally what happens in a waterpower project is that there is a change in the environment as a result of the creation of the structure. But the environment will then settle into a new regime based upon the impact. At present, we are attempting to model our impact to the best of our knowledge – but this may change based upon what we are ultimately allowed to build (through the environmental assessment process). So our model today could change based upon that input. We would be happy to share that modeling with you (based upon our current best estimates).

In terms of upstream and downstream impacts, these are also part of the overall modeling process that is required in the development of these projects. The key is preparing appropriate dam safety plans and other water management regimes that is part of the regulatory process. In building these structures, we are required to submit (or modify if there is an existing) water management plan for the river system.

In terms of current and future use, what I would suggest is to highlight areas that you would not be prepared to be impacted and during what time of year; e.g., special camping spot, etc. Xeneca will work with you to accommodate those recreational uses and/or provide adequate compensation and/or mitigation. As an observation, the actual flooding will occur primarily in Spring and Fall during the freshets so if the use of the areas in question are in the summer the water levels may have receded so there be no impact.

In terms of a change in the watercourse, water levels will not go beyond what occurs naturally, but when this occurs and its duration will change somewhat. The construction of the facility will likely alter and regulate the water levels (including eliminating some rapids). Currently, as you note, water levels rise dramatically in the spring and to a lesser extent in the fall. It would be our proposal to keep water levels more stable and regulated and this would not pose an increased risk to recreational users; there might be even some positive changes. Health and Safety issues are regulated by MNR and Transport Canada and there is a process to address these issues after the Environmental Assessment during the permitting period.

In terms of removal of vegetation, you are correct. Any areas that are proposed to be flooded do need to be cleared of vegetation (to reduce the potential of increased mercury content in the watercourse). We would be responsible for that removal and that would be part of the compensation arrangement for any impact on your lands.

You asked a question about access to the river. As you have noted, it is a very remote area but the waterways are a public resource. So, for example, we have retained a local surveyor (Jim Walker) who also did the surveying for the Misema Dam nearby. We have asked them to mark the boundary of property lines including the high water mark along the watercourse. They have accessed it along the waterway over the winter when there was sufficient ice but we have asked them to seek permission if they were entering private land.

As it relates to sharing documentation, we would be pleased to do so. Our only request is that we would have to have you sign confidentiality associated to documents that we would give to you that would not normally be released to the public or to the regulatory agencies. Many of the documents we receive are preliminary drafts and its premature release to the public prior to it being acknowledged as final – would be prejudicial to us.

In terms of Xeneca's track record, the principals of the company have had a long history of involvement in the renewable energy field in Ontario for nearly the past 20 years. Our two principals, Uwe Roeper (CEO) and Patrick Gillette (President/COO) were involved in a predecessor company called Canadian Renewable Energy Corporation (CREC) – which was the developer of the Misema generating station which is just a kilometer or so to the south from your property. They were also the developers of the 192 MW Wolfe Island Wind Farm near Kingston. They obtained the permits for the development, but were not the parties that ultimately completed the development – as their company was acquired in a takeover by a company called Canadian Hydro Developers (who approached their equity funders of CREC). Canadian Hydro Developers was subsequently acquired by TransAlta and they operating these facilities at the present time. Xeneca Power Development is an extension of the various small waterpower opportunities that were not acquired by Canadian Hydro Developers and were pursued after the non-competition period expired under the acquisition agreements. Much of the staff have experience either in waterpower development, environmental assessment and other experience relevant to waterpower development. For example, our two environmental habitat biologists have a long history with Ontario Hydro and collectively have nearly 60 years of working experience. To learn more about Xeneca Power Development and our operating philosophy, please go to our website at: www.xeneca.com.

In terms of valuation of the property – Xeneca is willing to entertain any reasonable position your family wishes to put forward. As noted before, we require both a suitable arrangement with both your family and the Nychuks'. Our suggestion (so that we can move forward to a public open house) is that we obtain written consents from both of you – a consent that we would be willing to provide compensation for – and some form of negotiation that leads to a fair compensation arrangement for both later (unless we can conclude an agreement now). That way, we can proceed by preparing documents that reflect our intentions in the open house – so we can move our process forward. The key is creating a position that both of you can live with. This would include valuation for timber, loss of aesthetic values, etc. We just have to put a price tag on it that the parties both think is fair. What I would propose is that we provide you with an initial payment – say ██████ in exchange for your consent. The consent would involve outlining some kind of maximum flooding that you are prepared to accept. The consent would also stipulate those aspects which must be protected (listing whatever we cannot do). If you then would like to set some sort of valuation based on land, aesthetics, loss of future income (timber), etc., we can do that, or we can put that off until more information becomes available. The key is coming up with a range of compensation that you are willing to contemplate. Obviously, we would pay more for land acquisition than lesser rights (like easements).

I should also mention that we are also not primarily in the land business. If we are able to land a suitable arrangement with John Nychuk for sale of the lands, one arrangement that might be of interest to your family is acquiring the lands that we do not require for running the hydro-electric facility. For us, other than access to the facility (ie. a private road), a staging area and the land around the facility, the rest of the land has little value to us. However, some of it may be of

interest to you and could form part of our negotiations. Anyways, it is just one potential consideration for you to think about.

I also wanted to mention that our engineers have recently contemplated an alternative development option that actually increases the headpond inundation by moving the structure dam structure further up the reach (in a different location than was originally shown in the draft Project Description). They are still working out the modeling so I don't have any new diagrams showing the location or impact, but it does generate a little more potential revenue. Obviously, any consent that you provide that increases our potential revenue – we would be prepared to provide greater compensation to you. You should also remember that any proposal must meet regulatory requirements before it can proceed. But if you are prepared to accept more inundation, we would obviously be prepared to pay greater amounts.

This also applies with respect to the operating regime. Just so you are aware, under our power contract with the Ontario Power Authority, a facility that can provide power during peak times (11 a.m. to 7 p.m.) increases our return. So, while this project cannot store a lot of water, obviously our ability to increase water flow during the peak (and to have short term storage overnight) – increases our potential revenue from the project. Working with owners that allow us to increase this opportunity – means we create more value in the land that is impacted. Obviously, that kind of operation requires us to model impacts on siltation and erosion, but our modeling should provide some sort of idea of what might happen.

Our agreement can also cover indemnities and risk allocation.

Anyways, I hope that provides some basis for moving our conversation forward! I look forward to hearing from you!

Best,

Arnold

Arnold G. Chan

Xeneca Power Development Inc.

Vice-President, Legal Affairs

5160 Yonge Street, Suite 520

Toronto, Ontario M2N 6L9

Tel: (416) 590-9362, ext. 115

Fax: (416) 590-9955

achan@xeneca.com

www.xeneca.com

This transmission is intended only for the addressee and contains PRIVILEGED or CONFIDENTIAL information. Any unauthorized disclosure, use or retention is strictly prohibited. Xeneca does not accept liability for any errors, omissions, corruption or virus in contents or attachments. Information is provided for use "as is" by the addressee. Revised documents must not be represented as Xeneca work product, without express, written permission of a Xeneca Director. If you have received this electronic mail in error, please immediately notify the sender. Thank you.

From: janice Jewitt [mailto:]
Sent: Sunday, May 01, 2011 3:15 PM
To: Arnold Chan
Subject: Jewitt Blanche River

11 May 2011

Dear Mr. Chan

Further to our conversation of last week, please accept this as a brief outline of our position and concerns surrounding your hydro project. I will re-iterate that, at this time, myself and family foresee no insurmountable issues with your project that would prevent us from furnishing our support. Further, at this time, we are confident that your project will ensure the continued ecological viability of this riverine ecosystem, albeit in an altered state.

I will begin by outlining our traditional uses of the river valley. This part of our property is dedicated to growing timber, and summer/fall low impact camping.

As you can observe, about five plus years ago we harvested the timber. This area is regenerating very nicely. I expect my descendants to harvest this area in 60 to 70 years. I expect this future harvest to be a mixture of poplar with spruce as the lesser component. A concern that I have is that the soil along much of this valley is steep banks of clay. By permanently changing the water level, I would assume that the (hydrostatic?) equilibrium of these steep banks may be changed. I would surmise that the potential for erosion (collapse of banks into the river) could be increased as a new equilibrium is established. I believe it would be prudent of me to request some agreement on protocol/policy from you on compensation for economic loss/loss of property/loss of productive forest area, if the potential from significant erosion is realized. By extension, I would not want to share in any liability from significant erosion events.

During the summer and fall we camp at the bottom of the rapids, on the exposed rocks, to the north of the property. During the summer, the river level drops substantially, thus extending the available shore line for this activity, as well as allowing a suitable water depth so that I am not losing children to the river. In the fall time, although the water level is much higher, the available area is sufficient for fall camping and its associated activities. A review of the map provided shows me that this, and other potential summer/fall camp area(s) will be permanently under water, and that the rapids are eliminated for a significant distance to the north. This destroys the aesthetic and practicality of this traditional activity of ours in this river valley. I support this contention with the observation that camp sites are at a premium due to the steepness of the banks along most of our segment of river. Obviously, my family is going to have to change their traditional approach to recreation on the river. This is a disappointment as I have a new crop of children coming along that will not enjoy what their parents did. Non-the-less, we need to have a discussion on the appropriate value of these flooded areas as they represent the few practical areas for low impact shoreline camping. Please do not conclude that by saying this we feel that we have ourselves a winning lottery ticket here. We merely feel that your quoted numbers are low considering the rarity of this type of feature and the personal value these areas are to us.

While on the subject of water levels:

Currently this stretch of river is a remote area. There are rapids to the north and south. Any angling in the area occurs at the bottom of the falls on the Nychuk property. We have not granted access permission for any activities on our property. In the decades we have been here we have never seen anyone on our stretch of river to the north of the Nychuk falls. We would like you to take practical measures to see this continues. My first thought is that I wouldn't want your project to increase the opportunity for increased access onto our stretch of river. I would also like to take this opportunity to ask you what is the significance of the survey marks at the top of the north rapids on the property. By agreeing to your project, is my family ultimately agreeing to the entire rapids being flooded at some future date? Obviously you will have to clear vegetation in the flooded area. How is this going to occur? When we conducted the last harvest, significant amounts of prime timber were retained along the shore line for various reasons, primarily recreational, visual appeal, and ecological/environmental considerations. By doing this did we unnecessarily deny ourselves economic opportunity? What kind of assistance/co-operation from us will you require to ensure that both this clearing effort, and erosion control on susceptible sites, is conducted with the least impact to the environment and financial cost to yourselves.

Riverine ecology and environmental impacts:

As noted above, we are confident that the process you have undertaken to achieve approval for this project will assure

the ecological and environmental integrity of this river ecosystem, albeit in an altered state. However, as a matter of due diligence on our my part, I would ask the furnishing of the following information, and anything in addition that may be relevant to our deliberation to ensure this assumption is correct, and that all potential impacts are known to us.

- An indication of anticipated seasonal changes in water levels (in the Queens English please) - specifically; what is the river going to look like from season to season compared to the current reality. Is my family going to lose productive forest area due to high water flood periods?
- I would like access to any surveys, field studies that have or will be conducted.
- Anticipated siltation, and the activities/long term impacts this will have to your project - Specifically; what role will siltation have on the long term viability of the project, is dredging anticipated etc.
- Have there been any (environmental) mitigation agreements entered into with Government agencies to offset impacts from your project. If so, what are they and why.
- Based on the adjusted geomorphology of the river valley, what kind of biophysical environment can I anticipate.
- What will be the downstream impacts of this project, and what measures have been taken for any potential negative outcomes.
- What other similar projects have you undertaken, and what where the outcomes. Specifically, I want to know what your track record is. Have you been successful in similar terrains? Where you a good corporate citizens in the opinion of affected landowners?

In closing:

I trust the above serves to illuminate you on our immediate concerns. Although this project will impact us, we believe that our concerns can be easily mitigated by your company. I will note here that any discussion on financial compensation, or other agreements, can be considered to be effective if and when your project is realized. At this date, and in light of what we know about your project at this time, and anticipating a reasonable outcome to our issues, you can assume, with a high degree of confidence, that we support your project. I look forward to hearing from you.

Sincerely Bruce Jewitt

Subject: FW: Xeneca Power - Follow Up with Bruce

From: Arnold Chan
Sent: Monday, October 03, 2011 5:59 PM
To: 'Janice Jewitt'
Subject: Xeneca Power - Follow Up with Bruce

Hi Janice:

I hope you are well.

I was just speaking with Bruce and understand that he has been meeting with the lawyers over the property and that Bruce is purchasing it from the Estate.

I mentioned that we are looking to get his consent (after the closing) for at least the small dam version and for him to take a "wait and see" attitude towards our larger proposal.

I also mentioned that Xeneca is willing to cover up to [REDACTED] his legal bills for the review of our legal agreements and to provide him representation through this initial process. If his legal costs need to exceed that sum, we need to be advised for approval prior to us agreeing to covering any additional costs. This is the same offer I am providing to other landowners that we are seeking easements rights from.

Anyways, if you could pass this along, that would be great!

Finally, I saw a strange email from you over the weekend. Maybe you have a virus problem? Seems a bunch of random emails (including mine) had some email coming from your computer to a very odd link. Anyways, thought I would mention it.

Best,
Arnold

PLEASE NOTE THAT EFFECTIVE IMMEDIATELY OUR NEW OFFICE LOCATION AND DIRECT DIAL NUMBER BELOW.

Arnold G. Chan
Xeneca Power Development Inc.
Vice-President, Legal Affairs
Yonge-Norton Centre
5255 Yonge Street, Suite 1200
Toronto, Ontario M2N 6P4
Direct: (416) 590-3067
Office: (416) 590-9362 (ext. 3067)
Fax: (416) 590-9955
achan@xeneca.com
www.xeneca.com

This transmission is intended only for the addressee and contains PRIVILEGED or CONFIDENTIAL information. Any unauthorized disclosure, use or retention is strictly prohibited. Xeneca does not accept liability for any errors, omissions,

MEMO



5160 Yonge Street, Suite 520, Toronto, ON M2N 6L9
PH: 416-590-9362 FX: 416-590-9955

Date: April 26, 2011

To: File **Company:** _____

Phone: _____ **Fax:** _____

From: Arnold Chan **Ext. #:** 115

This morning, I had a 38 minute telephone conversation with Bruce Jewitt, the son of the landowner, Sandra Jewitt. It is my understanding that Bruce Jewitt is contemplating acquiring the property from his mother - who is aged and may soon pass away.

He indicated some concerns about erosion of the bank along the property and whether there would be any liability. He also raised issues about the building up of siltation along the banks as a result of the dam - particularly after a long period of time.

He noted that some 17-18 years ago, there was an instance of a sudden amount of logs and other material that came along the Blanche River which was deposited along the property and further downstream. He noted that it took a major amount of water to push the logs to break the jam.

Bruce asked that he have an opportunity to chat with our engineers to better understand the project. I indicated that I would be happy to arrange that. He indicated that I should send an email to his sister, Janice, who would make the arrangements and that he would talk with her the next time he is in Kirkland Lake.

I asked him whether he was supportive or opposed to the concept of the project. He indicated that he had no major issues at this time, but wanted some of his concerns addressed.

CONFIDENTIALITY NOTE: The information contained in this facsimile is privileged and is intended only for the use of the individual or entity names above. If the reader of this message is not the intended recipient, you are hereby notified that any use, dissemination, distribution or copy of this facsimile is strictly prohibited. If you have received this facsimile in error, please immediately notify us by telephone and return the original message to us by mail at the address above. We will reimburse you for the postage on all returned messages.

I talked also about issues like dam safety and used the Misima project as a basis of comparison.

I also talked to him about the process and the proposed timelines. I indicated that we were eager to move our Waterpower Class EA forward and that we were hoping to come to some kind of arrangement with his family (the Jewitts) and the owner to the south, John Nychuk. However, I noted that we weren't going to wait indefinitely and that we would likely shortly proceed with our Public Open House and to prepare two options (one with landowner consent and one without).

He agreed that he would prepare a bunch of questions and leave them with his sister so that she could send it to me. In the meanwhile, I indicated I would send her an email and to try to arrange a mutually convenient time for a call with our engineers.

He acknowledged that he does not use email. However, Bruce's cell phone number is [REDACTED]

/agc

CONFIDENTIALITY NOTE: The information contained in this facsimile is privileged and is intended only for the use of the individual or entity names above. If the reader of this message is not the intended recipient, you are hereby notified that any use, dissemination, distribution or copy of this facsimile is strictly prohibited. If you have received this facsimile in error, please immediately notify us by telephone and return the original message to us by mail at the address above. We will reimburse you for the postage on all returned messages.

From: Arnold Chan <achan@xeneca.com>
Sent: June-19-12 11:20 AM
To: janice Jewitt
Cc: Mark Holmes; Stephanie Hodson; Vanesa Enskaitis
Subject: Invitation to Xeneca's Marter Twp. (Blanche River) Public Information Centre
Attachments: Marter PIC Ad - June 27 - French.pdf; Marter PIC Ad - June 27.pdf

Hi Janice:

I hope you are doing well.

I've left Bruce a voicemail message on his cell, but I just wanted to let Bruce and you know that Xeneca is holding its second Public Information Centre at the Englehart Community Centre next week, on Wednesday, June 27th from 4 to 8 p.m. I am attaching the Newspaper Ad that was published in the local papers.

I should note that I won't be in attendance, but my colleagues, Mark Holmes, Stephanie Hodson and Vanesa Enskaitis will be there.

Please feel free to have Bruce give me a call at (416) 590-3067, if he has any questions.

Thanks!

Kind regards,

Arnold G. Chan

Xeneca Power Development Inc.
Vice-President, Aboriginal Affairs & General Counsel
Yonge-Norton Centre
5255 Yonge Street, Suite 1200
Toronto, Ontario M2N 6P4
Direct: (416) 590-3067
Office: (416) 590-9362 (ext. 3067)
Fax: (416) 590-9955
achan@xeneca.com
www.xeneca.com

This transmission is intended only for the addressee and contains PRIVILEGED or CONFIDENTIAL information. Any unauthorized disclosure, use or retention is strictly prohibited. Xeneca does not accept liability for any errors, omissions, corruption or virus in contents or attachments. Information is provided for use "as is" by the addressee. Revised documents must not be represented as Xeneca work product, without express, written permission of a Xeneca Director. If you have received this electronic mail in error, please immediately notify the sender. Thank you.

Note:

The following document, dated February 21, 2013, is a letter that was issued to 19 landowners whose property is located downstream of the proposed Marter Township GS. With the exception of the recipient's name and mailing address, all 19 letters are identical. To minimize duplication, only a template is reproduced here.



5255 Yonge St., Suite 1200, North York, ON M2N 6P4
tel 416-590-9362 fax 416-590-9955 www.xeneca.com

Thursday, February 21, 2013

By Regular Mail:

NAME

Dear NAME:

Re: Marter Twp. Hydro-Electric Generating Station (GS)

As we complete the final stages of Ontario Waterpower Association Waterpower Class Environmental Assessment (Class EA), we are writing to follow up on the public outreach we have conducted on our Marter Twp. project on the Blanche River. Xeneca Power Development Inc. is a small hydro-electric developer in the Province of Ontario. Xeneca is proposing to develop a small 2.1 megawatt facility upstream of your property. The GS has been awarded a Feed-in-Tariff (FIT) contract from the Ontario Power Authority, an agency of the Government of Ontario.

We are writing today to provide some additional details of our development and, if you have not done so already, offer you the opportunity to have input into the project. We are also seeking to solicit any feedback or concerns that you may have in respect of the proposed project and advise you of the opportunity to comment on the Environmental Report (ER), which will be posted on the Ontario Environmental Bill of Rights (EBR) as well as the Xeneca website. We expect the final ER to be issued in the coming weeks, along with a Notice of Completion, which will be published in your local media.

You may already be aware of Xeneca as we have conducted a series of Public Information Centres in Englehart (August 2011 and June 2012) to raise awareness of the project, and we remain available and accessible to answer any further questions or comments through the development and operation phases of the project.

For adjacent downstream property owners and recreational users, we wish to ensure that you understand that the development should not change your use and enjoyment of the waterway. As you are aware, water levels change naturally and go up and down both seasonally and even daily depending on climatic events such as rainstorms or snowmelt. The effect of Xeneca's proposed operations will continue to be within that natural range of water fluctuation. However, there may be change in the frequency of flow variation whereby, at certain times of the year, levels may change by a few centimeters between night and day. Typically in lower flow periods, Xeneca will be looking to hold back some additional water overnight and increase power production during the day (leading to slightly higher water flows) during the peak demand period for electrical power. The further away from the project site, the less flow variation will occur.

In advance of the upcoming release of the ER, Xeneca would be pleased to provide the modeling of proposed impacts and have a number of engineering reports that can be shared with you if that is of interest. Please let me know if you would like this information.

We look forward to working with you and your community to make this green, renewable energy project a success.

Yours truly,

Stephanie Hodson
Stakeholder Relations Officer
Xeneca Power Development
shodsoll@xeneca.com
416-590-3077



5255 Yonge St., Suite 1200, North York, ON M2N 6P4
tel 416-590-9362 fax 416-590-9955 www.xeneca.com

February 25, 2013

By Regular Mail:

Mr. George Blumenauer
[REDACTED]
[REDACTED]
[REDACTED]

Dear Mr. Blumenauer:

Re: Marter Twp. Hydro-Electric Generating Station (GS):

As we complete the final stages of Ontario Waterpower Association Waterpower Class Environmental Assessment (Class EA), we are writing to follow up on the public outreach we have conducted on our Marter Twp. project on the Blanche River. Xeneca Power Development Inc. is a small hydro-electric developer in the Province of Ontario. Xeneca is proposing to develop a small 2.1 megawatt facility upstream of your property. The GS has been awarded a Feed-in-Tariff (FIT) contract from the Ontario Power Authority, an agency of the Government of Ontario.

We are writing today to provide some additional details of our development and, if you have not done so already, offer you the opportunity to have input into the project. We are also seeking to solicit any feedback or concerns that you may have in respect of the proposed project and advise you of the opportunity to comment on the Environmental Report (ER), which will be posted on the Ontario Environmental Bill of Rights (EBR) as well as the Xeneca website. We expect the final ER to be issued in the coming weeks along with a Notice of Completion, which will be published in local media.

You may already be aware of Xeneca as we have conducted a series of Public Information Centres in Englehart (August 2011 and June 2012) to raise awareness of the project, and we remain available and accessible to answer any further questions or comments through the development and operation phases of the project.

For adjacent downstream property owners and recreational users, we wish to ensure that you understand that the development should not change your use and enjoyment of the waterway. As you are aware, water levels change naturally and go up and down both seasonally and even daily depending on climatic events such as rainstorms or snowmelt. The effect of Xeneca's proposed operations will continue to be within that natural range of water fluctuation. However, there may be change in the frequency of flow variation whereby, at certain times of the year, levels may change by a few centimeters between night and day. Typically in lower flow periods, Xeneca will be looking to hold back some additional water overnight and increase power production during the day (leading to slightly

higher water flows) during the peak demand period for electrical power. The further away from the project site, the less flow variation will occur.

To assist you to better understand the location of Xeneca's proposed project, our facility is proposed to be located on the property currently owned by [REDACTED]. To that end, I am attaching the Property Index Map (Block [REDACTED] – Sheet 1 of 5). [REDACTED] property is highlighted and labeled on the Property Index Map and is labeled as [REDACTED]". Your property is listed as "[REDACTED]". I have also attached the Parcel Abstract from the Land Titles Office which establishes your ownership.

On the Property Index Map, I have tried to highlight the rough location of the proposed dam facility and the location of the powerhouse. The dam would be within the [REDACTED] property and the powerhouse sits on lands owned by the Crown. As the water passes back into the river system, it crosses into the adjacent property north of your lands owned by [REDACTED]. In your case, however, it appears that the Blanche River does not directly affect your property and that you are not a riparian land owner. However, your property is in relatively close proximity of the proposed development.

In advance of the upcoming release of the ER, Xeneca would be pleased to provide the modeling of proposed impacts and we have a number of engineering reports that can be shared with you if that is of interest. Please let me know if you would like this information.

We look forward to working with you and your community to make this green, renewable energy project a success. If you have any questions, concerns or wish additional information, please do not hesitate to contact me at (416) 590-3067 or by electronic mail at: achan@xeneca.com.

Yours truly,

Original Signed By

Arnold Chan
Vice-President, Aboriginal Affairs & General Counsel

/encls.



5255 Yonge St., Suite 1200, North York, ON M2N 6P4
tel 416-590-9362 fax 416-590-9955 www.xeneca.com

February 25, 2013

By Regular Mail:

Mr. Frederick Palahnuk and Mrs. Mary Palahnuk
[REDACTED]
[REDACTED]
[REDACTED]

Dear Mr. and Mrs. Palahnuk:

Re: Marter Twp. Hydro-Electric Generating Station (GS):

As we complete the final stages of Ontario Waterpower Association Waterpower Class Environmental Assessment (Class EA), we are writing to follow up on the public outreach we have conducted on our Marter Twp. project on the Blanche River. Xeneca Power Development Inc. is a small hydro-electric developer in the Province of Ontario. Xeneca is proposing to develop a small 2.1 megawatt facility downstream of your property. The GS has been awarded a Feed-in-Tariff (FIT) contract from the Ontario Power Authority, an agency of the Government of Ontario.

We are writing today to provide some additional details of our development and, if you have not done so already, offer you the opportunity to have input into the project. We are also seeking to solicit any feedback or concerns that you may have in respect of the proposed project and advise you of the opportunity to comment on the Environmental Report (ER), which will be posted on the Ontario Environmental Bill of Rights (EBR) as well as the Xeneca website. We expect the final ER to be issued in the coming weeks along with a Notice of Completion, which will be published in local media.

You may already be aware of Xeneca as we have conducted a series of Public Information Centres in Englehart (August 2011 and June 2012) to raise awareness of the project, and we remain available and accessible to answer any further questions or comments through the development and operation phases of the project.

For adjacent downstream property owners and recreational users, we wish to ensure that you understand that the development should not change your use and enjoyment of the waterway. As you are aware, water levels change naturally and go up and down both seasonally and even daily depending on climatic events such as rainstorms or snowmelt. The effect of Xeneca's proposed operations will continue to be within that natural range of water fluctuation. However, there may be change in the frequency of flow variation whereby, at certain times of the year, levels may change by a few centimeters between night and day. Typically in lower flow periods, Xeneca will be looking to hold back some additional water overnight and increase power production during the day (leading to slightly

higher water flows) during the peak demand period for electrical power. The further away from the project site, the less flow variation will occur.

Given that your property is located immediately downstream of the plant, our model suggests that the immediate impact will be approximately 30 centimeters (plus or minus 15 centimeters) of variable flow as a result of Xeneca's proposed operation of the plant. The natural seasonable variable flow in the Blanche River is in the range of 1.5 to 2 m. As you can see, the daily variability is a small portion of the normal variation that occurs naturally within the river system.

To assist you to better understand the location of Xeneca's proposed project, our facility is proposed to be located on the property currently owned by [REDACTED]. To that end, I am attaching the Property Index Map (Block [REDACTED] – Sheet 1 of 5). [REDACTED] property is highlighted and labeled on the Property Index Map and is labeled as "[REDACTED]". Your property is listed as "[REDACTED]". I have also attached the Parcel Abstract from the Land Titles Office which establishes your ownership.

On the Property Index Map, I have tried to highlight the rough location of the proposed dam facility and the location of the powerhouse. The dam would be within the [REDACTED] property and the powerhouse sits on lands owned by the Crown. As the water passes back into the river system, the river does cross into your property as it winds in and out of your property going downstream.

In advance of the upcoming release of the ER, Xeneca would be pleased to provide the modeling of proposed impacts and we have a number of engineering reports that can be shared with you if that is of interest. Please let me know if you would like this information.

We look forward to working with you and your community to make this green, renewable energy project a success. If you have any questions, concerns or wish additional information, please do not hesitate to contact me at (416) 590-3067 or by electronic mail at: achan@xeneca.com.

Yours truly,

Original Signed By

Arnold Chan
Vice-President, Aboriginal Affairs & General Counsel

/encls.

[REDACTED]

From: Stephanie Hodson <SHodson@xeneca.com>
Sent: March-12-13 10:51 AM
To: [REDACTED]
Subject: RE: Proposed Marter Twp. Hydro-electric Facility near the Town of Englehart

Hi Clyde,
How are you? I just got back into the office from holidays and received your voicemails regarding the Marter project. I see you have been in touch with Arnold in my absence – if you need anything else, please let me know.
Thanks,
Steph

Stephanie Hodson
Stakeholder Relations
Xeneca Power Development
5255 Yonge St., Suite 1200
North York, ON M2N 6P4
(416) 590-3077

From: Arnold Chan
Sent: Monday, March 04, 2013 11:06 AM
To: [REDACTED]
Cc: Stephanie Hodson
Subject: Proposed Marter Twp. Hydro-electric Facility near the Town of Englehart

Hi Clyde:

Nice talking to you this morning. I appreciate you calling me regarding the letter we sent earlier notifying downstream property owners or our proposed hydro-electric facility called Marter Twp. located upstream of the confluence of the Blanche and Misema Rivers.

To assist you in determining the location of your property relative to the proposed Marter hydro-electric facility, I have attached two Block maps from my title search. In Property Index Map [REDACTED] (Sheet 3 of 5), your property is listed as [REDACTED] (I have marked it up as # [REDACTED] in a red circle).

As you work your way upstream, it goes to the next Block Map which is Property Index Map [REDACTED] (Sheet 1 of 5). As you follow the river (from the bottom left hand corner), you'll see two rivers meet. That's the confluence of the Misema and Blanche Rivers.

I have marked the existing Misema Dam (and its influence – and the location of the access road) in pink highlighter. I have hand marked the location of the dam and powerhouse structure (with question marks) where the proposed Marter dam would go. The dam itself actually falls on private property and the powerhouse sits on Crown lands. My guess is that your lands are roughly 5 kilometers (as a crow flies) from the proposed dam location and maybe 7-8 kilometers based upon the winding of the river.

As mentioned, the powerline and road are proposed to run directly due west along the private property that we are acquiring to construct the facility. The connection is along the existing powerline that is running north-south near the municipal roadway. That is also the same connection for the Misema power plant.

To confirm, it is very likely that the level loggers that are in the river were placed by one of Xeneca's consultants. We were asked to do so by the Ministry of Natural Resources to provide base data for the analysis of the proposed project.

If you have any further questions or concerns, please do not hesitate to contact me or my colleague, Stephanie Hodson who would be pleased to assist you.

Best wishes,
Arnold

Arnold G. Chan

Xeneca Power Development Inc.
Vice-President, Aboriginal Affairs & General Counsel
Yonge-Norton Centre
5255 Yonge Street, Suite 1200
Toronto, Ontario M2N 6P4
Direct: (416) 590-3067
Office: (416) 590-9362 (ext. 3067)
Fax: (416) 590-9955
achan@xeneca.com
www.xeneca.com

This transmission is intended only for the addressee and contains PRIVILEGED or CONFIDENTIAL information. Any unauthorized disclosure, use or retention is strictly prohibited. Xeneca does not accept liability for any errors, omissions, corruption or virus in contents or attachments. Information is provided for use "as is" by the addressee. Revised documents must not be represented as Xeneca work product, without express, written permission of a Xeneca Director. If you have received this electronic mail in error, please immediately notify the sender. Thank you.

Public Comment and Xeneca Response Tables

Marter Twp. General Public Comments

Theme	Date	Comment	Xeneca Response
Private Landowners	3/2/2011	How will the water (power) project affect the flow of water down the Blanche River?	Xeneca has committed to operate within the existing condition. There will be no change of magnitude in flows or level of fluctuations downstream of the Misema confluence.
	4/22/2011	Concerns about erosion of the bank along the property and whether there would be any liability.	Xeneca intends to either acquire legal control of the affected upstream area or to have appropriate land agreements with the landowners to deal with these issues. In the downstream area, potential erosion from the proposed project will not change significantly. Xeneca has proposed a geomorphic monitoring program which can be found in Annex I ("Addendum #2 - Monitoring Program, October 2013.")
	4/22/2011	Raised issues about the building up of siltation along the banks as a result of the dam	A detailed fluvial geomorphical study has been completed and will be included in the final ER. The results concludes that although the turbidity is high, siltation is not significant. For details see the geomorphology report (Annex I).
	4/22/2011	Concerns about a possible log jam in the river.	Log jams are potentially naturally occurring events. Xeneca has a regular maintenance and surveillance program of the headpond area which will seek to remove large debris in the immediate area of the dam and headpond area.
	5/2/2011	What is the river going to look like from season to season compared to the current reality?	There are artists renderings available in the ER which depict the facility spring, summer and fall. These can be found in Section 3 of the ER ("Description of Proposed Project.")
	5/2/2011	Concerns over forest productivity due to high water flood periods.	Because of the steep terrain on either side of the Blanche River within the inundation area, flooding will be contained within a relatively small area compared to a level or mildly sloped area. The forest located in the inundation area is not rare in the surrounding landscape, and the area of forest to be inundated does not represent a large portion of the local forested area. Therefore, overall forest productivity is not anticipated to be significantly impacted. For inundation mapping see Annex I.
Private Landowners	5/2/2011	Have there been any (environmental) mitigation agreements entered into with Government agencies to offset impacts from your project. If so, what are they and why?	There are currently no formal agreements for mitigation or compensation between Xeneca and government agencies. The potential impact of the project on the local environment is the subject of ongoing discussion between all interested parties, and mitigation/ compensation will be addressed as needed wherever significant impact to environment is anticipated. Proposed mitigation and monitoring strategies will be discussed at length in the ER and supporting documents.
	5/2/2011	Based on the adjusted geomorphology of the river valley, what kind of biophysical environment can we anticipate.	Ecological functioning of the river will remain similar to the current condition.
	5/2/2011	What will be the downstream impacts of this project, and what measures have been taken for any potential negative outcomes	There will be no noticeable change from the existing condition in the downstream portion. Additionally Xeneca has agreed to a number of operating constraints which can be found in the Operating Plan (Annex I.) During operations a number of operating effects have been anticipated and mitigations will be employed, these can be found in impact and mitigation tables in Sections 7 and 9.
	5/2/2011	What other similar projects have you undertaken, and what were the outcomes. Specifically, I want to know what your track record is. Have you been successful in similar terrains? Were you a good corporate citizen in the opinion of affected landowners?	There are over 200 waterpower facilities in Ontario, with a good track record on maintaining ecological functioning. The waterpower facility is subject to stringent requirements for the planning and operation of their facilities. Xeneca doesn't have a negative track record. Xeneca's project team has only been involved in projects that were they have acted responsibly. Xeneca prides itself in being a good corporate citizen. Xeneca specializes in building small renewable waterpower projects in Ontario in an ecological manner.
Private Landowners	5/24/2011	A point of considerable concern is the potential for increased road access onto this stretch of river.	Providing road access to the site is inevitable, however Xeneca would be prepared to have community input into future issues surrounding public access.
Fish Habitat/Spawning	8/16/2010	Concerns about fish habitat.	Fish habitat assessment has been a core aspect of the environmental assessment. Summaries of this work is included in Section 2.9 of the Final ER. Additional information can be found in Annex III.
Ecosystem	9/20/2011	Looking for comprehensive list of affected species for project.	Comprehensive list of affected species can be found in Annex III.

Recreation	8/16/2010	Concerns about existing canoe route.	Currently (pre-project), there is a portage at a rapid 2km above Krugerdorf Rapids (the proposed Marter GS location.) As a result of upstream inundation to this rapid from the project, the portage will no longer be necessary as the river will become navigable. At Krugerdorf Rapids, Xeneca will provide appropriate safety boom and signage, and the construction of a new portage trail on the east side of the river during and post-construction. Details of the portage route can be found in the Construction Management Plan (Annex II.)
	6/28/2012	Request that if Xeneca owns shoreline that can be used by the public, they install a couple of picnic tables, a parking or rest area and some interpretive signage.	Xeneca will commit to install picnic tables and parking or rest area following construction with some signs.
Roads	11/1/2011	Questions about road improvement and maintenance for Xeneca access to site	A new segment of road will be built from the existing public road to the powerhouse/river. Xeneca will require year round intermittent access to the facility and will plow and maintain the road up to the powerhouse.
	6/28/2012	Noting the Marter site is a popular fishing area, must ensure that public access to the river is allowed.	The new access road will be available for public use post-construction.
Socioeconomic	11/1/2011	Questions about the project's impact on local economy	A socioeconomic impact section has been prepared and is available in the final ER as Section 7.4.
Environmental	11/1/2011	Questions about project's environmental Impacts	Environmental impacts have been assessed as part of the Effects and Mitigations Section (Sections 7 and 9) of the final ER.

Kirkland District Game & Fish Protective Association Comments

Theme	Date	Comment	Xeneca Response
Fish/Aquatic Species	11/17/2010	Request for biology report of aquatic life in Blanche River water system	The Environmental Characterization Report and Stage 1 Archaeology Report were provided to the group on June 22, 2012.
	2/12/2011	Has research for wildlife and fish spawning been done? What are the results?	Yes this reseach is complete. Summaries for the results can be found in Section 2.9 of the Final ER and the original reports can be found in Annex III for the project site and VI for lines and roads.
	2/12/2011	Water levels must be maintained for long after spawning i.e. there must be sufficient flow for successful hatch and for the fish to move in the flow change	Special flow restrictions have been incorporated in to the Operations Plan to ensure that sufficient flow is provided for a succesful hatch. Details of the flow restrictions are provided in Table 6 and Appendix 2 of Operating Plan
	2/12/2011	We have salamanders in this waterway area. Habitat should be a concern.	Surveys in the project area included searches for salamanders. No salamanders were detected on site. This does not, however, provide conclusive evidence that salamanders do not/ will not inhabitat the area. With the exception of the Eastern Newt, all of the salamander species that could potentially occur in the project area are terrestrial and inhabit woodland habitats and swamps. There is a potential for woodland habitats currently being utilized by salamanders to be flooded by project inundation, resulting in a loss of salamander habitat. However, none of the terrestrial habitats in the inundation area are rare in the landscape, and displaced salamanders will find no shortage of similar habitat in upland areas. The Eastern Newt is primarily aquatic in its adult life stage. The Blanche River in the project area is potentially suitable for this species. The increase in lacustrine habitat in the headpond area as a result of the project will increase suitable aquatic habitat for this species. Downriver of the proposed dam and upriver of the Misema River confluence there is potential for some habitat loss as water levels are decreased. However, there is no rare or unique aquatic habitat suitable for salamanders in this area, so the impacts to the local population should be negligible. Water levels will be maintained within current conditions below the Misema River, so no habitat will be lost in this area.
	2/12/2011	Why were targeted species-specific surveys not performed for additional species?	A baseline assessment for species was completed according to MNR guidelines.
	2/12/2011	A full research project should be done for walleye spawning.	Walleye surveys were completed as part of the habitat assessment. Specific restrictions were put into place for walleye spawning as part of the project. Please see the Operating Plan in Annex I for further information.
Economic Benefits	2/12/2011	What will the long-term job impact of the project be?	Response June 22 2012: Long-term employment is relatively low as these plants are highly automated. About one to two permanent part-time time jobs will be derived from these projects. In addition, some employment will be created during maintenance periods and for future upgrades.

Economic Benefits	2/12/2011	What are the First Nations/Aboriginal participation incentives?	Xeneca offers up to 50% participation incentives on each of its projects including the Marter Project. Additional government incentives and loan guarantee programs allow First Nations to participate in Projects.
	2/12/2011	Regarding GRC - What region receives the economic benefit of this project?	With respect to Gross Revenue Charge (GRC) payments, we regret to advise that recent changes to the Government of Ontario's policy have precluded any municipal disbursement of GRC. Xeneca is working with municipalities to lobby for a return of the municipal portion of the GRC and would urge Kirkland Lake Game and Fish to join in this effort. In terms of overall GRC payments, it can be expected that over the 40-year lifespan of Xeneca's contract with the Province, about \$1.3 million will be returned to the people of Ontario.
	6/27/2012	Can you please give more details about the GRC?	For more information on the GRC please see the Ontario Ministry of Finance website at http://www.fin.gov.on.ca/en/tax/grc/
Socio-Economic	2/12/2011	What are the results of the assessment of the traditional canoe and fur trade route?	An archaeological assessment was completed which discusses the impacts related to the traditional uses of the waterway, as well extensive public consultation was completed to further identify traditional uses.
Roads	2/12/2011	Road access for most of this distance should be guaranteed to the public for recreational activity with a minimum distance block for site security.	This idea has been incorporated into the project - a new access road and portage trail will be built at the Marter GS site. Please see the Construction Management Plan (construction sequence plans) in Annex II of the ER.
	2/12/2011	A vehicle turn-around area before/close to the site would be a good idea	This idea has been incorporated into the project - a turn-around location is provided at the project site road intersection. Please see the Construction Management Plan (construction sequence plans) in Annex II of the ER.
Power Lines	2/12/2011	Is there PCB in the transformer?	No. Transformers to be installed at the plant may be liquid filled or dry type. If the transformer is liquid filled, the cooling fluid will be mineral oil. Oil containing PCBs have been banned for use in new transformers manufactured for use in Ontario for decades. Most suppliers continue to include signage on new transformers similar to the following, "No detectable PCB's contained, at the time of filling." This statement reflects that the manufacturer has tested the oil with the state of the art technology of the day and has verified that no 'detectable PCBs' are contained therein.

Power Lines	2/12/2011	Will there be public access along the line, or to cross it?	The power line runs parallel with the plant access road predominantly on private property. For sections on Crown Land, these lines are no different to other distribution lines found in residential areas and except where lines are in close proximity to the powerhouse (which will be fenced off for safety), they will not be fenced in. The line will connect to the existing distribution line that traverses north-south from Kirkland Lake to Englehart.
Operations	2/12/2011	To what extent will daily flows be modified?	Xeneca has committed to release the total volume of in-flow during a 24 hour period so no water will be retained. However during the daytime more water will be released than during the nighttime to facilitate electricity production with time-of-use. The extent of flow alteration is described in detail in the Operation Plan in Annex I. Special restriction on daily flow modifications have been incorporated into mitigation to address environmental concerns.
	2/12/2011	Will minimum flow requirements have effects on fish, wildlife & canoeing?	Xeneca has committed to minimum flows that are consistent with existing conditions details are provided in Annex 1. Hydraulic modelling has been carried out and it has been determined that water level fluctuations will not be significantly different from existing conditions.
	2/12/2011	What are the before and after monthly mean water flows?	They will remain unchanged.
	2/12/2011	What is the zone of influence?	The ZOI extends from 2.4 km upstream of the project site to the Englehart River confluence 13.8 downstream of the project site. The variability in flows and levels downstream of Misema River confluence will be similar to those under existing conditions. A Figure of this is available in the ER in section 1.2.
	2/12/2011	How can potential for fish fatality from turbines be reduced?	A fish mortality assessment was carried out in accordance with DFO and can be found in Annex III. A plan for monitoring for effectiveness of the mitigation strategy is included in the monitoring section (12.2) of the ER.
Recreation	2/12/2011	Will minimum flow requirements have effects on fish, wildlife & canoeing?	Xeneca has committed to minimum flows that are consistent with existing conditions details are provided in Annex 1. Hydraulic modelling has been carried out and it has been determined that water level fluctuations will not be significantly different from existing conditions
	2/12/2011	Is this stretch useable by boats/canoes/kayaks?	Currently (pre-project), there is a portage at a rapid 2km above Krugerdorf Rapids (the proposed Marter GS location.) As a result of upstream inundation to this rapid from the project, the portage will no longer be necessary as the river will become navigable. At Krugerdorf Rapids, Xeneca will provide appropriate safety boom and signage, and the construction of a new portage trail on the east side of the river during and post-construction. Details of the portage route can be found in the Construction Management Plan (Annex II).

Recreation	2/12/2011	How will downstream access be maintained?	It is Xeneca's policy to maintain public access on existing roads as well as new roads. Exceptions are in the interest of public safety and/or environmental concerns. Xeneca would like to work with KLGFPFA to assess if access to fishing, hunting and other recreational activities can be maintained and/ or enhanced.
	2/12/2011	All recreation should be maintained and new means of recreation (created)	The site will create additional accessibility for recreational users to the river.
General	2/12/2011	Why was Ontario Federation of Anglers & Hunters not identified on the list of "industry/commercial & public stakeholders" in the Project Description?	The Ontario Federation of Anglers and Hunters has been apprised of all Xeneca projects. Presentations have been made to the OFAH Fish and Wildlife Advisory. Consultation with OFAH has occurred. As well as listing local OFAH member Clubs, Xeneca has added OFAH to our list of stakeholders in our documentation.
	2/12/2011	Define green power.	Green power can generally be defined as electricity produced from renewable sources (in this case, low-impact hydroelectric.) Xeneca strives to achieve EcoLogo certification for all of its projects (for more information, please go to http://www.ecologo.org .) To be green to EcoLogo standards, small waterpower has to meet multiple criteria: <ul style="list-style-type: none"> – Under 10 MW – Minimal or no storage (less than 48 hrs) – Minimal environmental impact (e.g. fish) – Small physical and ecological footprint
EA Process	2/12/2011	Who manages "managed waterways" in Ontario?	They are managed under the Lakes and Rivers Improvement Act (LRIA) by the government of Ontario.
Water Management Planning	2/12/2011	What does DOP stand for?	D.O.P. is an acronym for Dam Operating Plan
Decommissioning	2/12/2011	Put money in trust over time so that tax payers are not left responsible for decommissioning the dam.	Given the expected significant lifespan of hydro assets (many existing facilities have been producing reliable renewable energy for more than a century) and the continued advancement of engineering and ecological science, it is not particularly prudent to predict the details of potential decommissioning. We will comply with the standards of the day (e.g. Canadian Dam Association) should decommissioning become necessary. Should decommissioning occur, advance planning would include dedication of revenues to a decommissioning fund.
Water Quality	2/12/2011	What will the treatment of waste water be?	Sediment laden water generated during construction will be treated in accordance with with CMP which can be found in Annex II.

Water Quality	2/12/2011	Where will used waste water be disposed of?	Waste water will be treated on site and returned to the watercourse after sediment removal. Issues related to spill containment are discussed in the Construction Management Plan which is found in Annex II.
	2/12/2011	(Re excavated substrate material;) will you ensure that explosives, fuel, lubricants will not be leached into the water system where spawning may occur or fry are in the system below?	A construction plan has been developed as part of the planning process for this facility. The plan outlines measures to prevent any leakage of foreign materials into the waterway.
	2/12/2011	What about river flow during sampling as compared year to year variability? (If this was at an extreme high or low flow, data would not be representative.)	Water quality river flow sampling has been implemented including two years of pre-construction sampling. And ongoing monitoring post-construction, further details on this plan can be found in the monitoring section (12.2.)
	2/12/2011	Did MOE only request two water quality samples?	MOE requested a water quality plan, which has been prepared and is located in Annex IV.
Construction	2/12/2011	Who will check waste disposal?	Any waste generated during construction will be managed in accordance with strict regulatory requirements and will be disposed of in MOE licensed facilities
	2/12/2011	When will waste disposal be checked?	Waste will be disposed as required
Species at Risk	2/12/2011	What is proposed for the Blandings Turtle and river otter to improve habitat replacement?	impacts and mitigation for otters are included in the 2012 baseline report and the mitigation and recommendations summary authored by ORMG. Although individual otters may be displaced from dens along the shoreline of the Blanche River within the inundation area. However, new habitat will be available for denning above the new water level post-inundation. No additional habitat replacement should be required. Blanding's Turtles are not confirmed or likely to be present in this river.
	2/12/2011	What is proposed for the sturgeon?	Special consideration has been given to the presence of sturgeon downstream of the site. Operating restrictions are contained in the Operations Plan (Annex I), during sturgeon spawning minimum flows will be maintained at all times to avoid impacts on sturgeon consistent with existing conditions and to avoid impacts on sturgeon.
	2/12/2011	How long will all insect surveys take? Who will complete these surveys? (eg Syngropha Altera is a rare moth)	Insect surveys were completed and are described in Annex III. They were completed by ORMG.
Fisheries	2/12/2011	Why has your background research not mentioned small mouth bass?	Fish surveys confirm the presence of small mouth bass, this can be found in Environmental Characteristics reports (2010 to 2012) in Annex III prepared by ORMG

Fisheries	2/12/2011	What is being done to enhance and protect this fishery?	A detailed effects assessment was completed (Report), this report details the mitigation measures which will be carried as part of the project. A summary of these measures can be found in the Final ER in Section 7. The full report can be found in Annex III.
	2/12/2011	What is being done to conserve biotics, and protect our bait fish at the project site (eg water turbines)?	There is a section of the Blanche River, near the upper extent of the inundation area, that contains suitable habitat for benthic invertebrates. Kick-and-sweep assessments in this area have confirmed the presence of various benthic species. A habitat mitigation/compensation plan for this feature is currently the subject of discussion between Xeneca and responsible agencies. Baitfish populations should not be significantly affected by inundation or downstream flow effects. Bait fish mortality at hydroelectric facilities is most frequently caused by impingement against small size screens/ trash racks as a result of very high water velocities. Bait fish mortality will be minimized by implementing penstock designs that decrease flow velocities and by selectively designing screens and racks for gap size to accommodate safe baitfish passage.
Terrestrial Environment	2/12/2011	When will the wildlife assessment be completed? Who will get the report?	The wildlife assessment is now complete, and is now available for review. A summary of the findings can be found in Sections 2.9 and 7 of the final ER and the full report can be found in Annex III.
Aboriginal Consultation	2/12/2011	What are the identified Aboriginal values specifically?	These values can be found in sections 2.12, 6.5-6.8 and 7.5 of the report.
	2/12/2011	Beaverhouse is a community, NOT a first nation.	Beaverhouse is listed as an Aboriginal Community by both Federal and Provincial agencies. You are correct, it is NOT an INAC recognized First Nation.
Archaeology	2/12/2011	When will the results of the Stage 1 & 2 Archaeological assessment be available? How?	The Stage 1 Archaeology Report was provided to the KLGFA on June 22, 2012 and the results of the Stage II Archaeology Report were provided on January 10, 2013.
Data Collection	2/12/2011	Which background data collection method was used?	This is provided in the Environmental Characteristics Reports (2010, 2011, 2012) in Annex III.
	2/12/2011	Were aquatic investigations completed by a biologist or summer students?	This is provided in Annex III.
	2/12/2011	Were aquatic investigations completed over a year(s) or one season?	This investigation was completed over three years.
	2/12/2011	The Forest Ecosystem Classification (FEC) system is 13 years old. Is there a newer system for terrestrial assessments?	ORMG now uses the Ecosystem Land Classification (ELC), instead of FEC. At the time of writing of the 2010 Report, none of the ORMG staff were ELC qualified, however our consultant was well-versed with FEC. More recent reports use ELC, as several staff members are now qualified (as of 2012.)