

Appendix D

Public Consultation

Contents

1. Public Consultation Plan
2. Public Communication Logs
 - General Public
 - Vermilion River Stewardship
 - Domtar
 - Vale
3. Notices
4. Public Information Centres
 - March 22, 2011
 - October 20, 2011
 - July 25, 2012
5. Other Meetings
6. Correspondence
 - Linda Heron / Vermilion River Stewardship / Ontario Rivers Alliance
 - Vale
 - Snowmobilers
 - Ojala/Zubal
 - Domtar
 - Other

Public Consultation Plan

PUBLIC CONSULTATION PLAN



Class Environmental Assessment for Waterpower Projects

Vermilion River: Wabagishik Rapids

August 4, 2011

1 INTRODUCTION

1.1 Background

Xeneca Power Development Inc. (Xeneca) is proposing to develop a waterpower facility on the Vermilion River at Wabagishik Rapids. The total installed capacity will be approximately 3.4 MW. This project is subject to the provisions of the Ontario Waterpower Association's "Class Environmental Assessment for Waterpower Projects" (2011.) Public consultation will be an integral component of this process.

Pursuant to the OWA Class Environmental Assessment for Waterpower Projects (Class EA), Wabagishik Rapids GS is considered to be associated with a managed waterway (Lorne Falls GS on Wabagishik Lake.) The Class EA process requires Xeneca to undertake an evaluation of the proposed waterpower project to determine its potential effects to the environment (positive and negative) during construction and operation and prepare an Environmental Report. The project may also require review and approval under the Canadian Environmental Assessment Act (CEAA) and post-EA approvals are also needed from Regulatory Agencies.

1.2 Purpose of the Public Consultation Plan

The Consultation Plan is intended to provide clearly defined goals, procedures and schedules to ensure an effective public participation program and to meet the requirements of the Class EA.

1.3 Objectives of Public Consultation

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

2 PUBLIC CONSULTATION PLAN

2.1 Introduction

The public consultation program outlined in this Consultation Plan is intended to satisfy the requirements of the Canadian Environmental Assessment Agency (CEAA), the Lakes and Rivers Improvement Act, the Navigable Water Protection Act and the OWA's Class Environmental Assessment for Waterpower.

2.2 Goals

The consultation program identified in this plan will provide the outreach to identify potential stakeholders, engage stakeholders and provide the means and opportunity for public participation in the development process.

The goals of the public consultation program are to:

- identify and notify potentially interested and affected stakeholders;
- identify and assess the range of positive and any potentially negative environmental and socio-economic effects of the project; and
- address the concerns of adjacent property owners, interest groups and 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 and how they can engage in the process;
- identify public benefits, concerns and issues related to the project;
- address public concerns and issues raised regarding development and operation; and
- document public input and how public concerns are addressed, issues are avoided or mitigation measures are put into place during project planning and development.

The public consultation program will use a variety of methods to communicate with interested and affected stakeholders including, but not limited to:

- newspaper and other media advertising,
- Xeneca website,
- public meetings,
- creation of local advisory committees,
- e-mailings,
- postal services,
- fax,
- telephone, teleconferencing and web and video conferencing,
- signage, and
- first person contacts.

2.3 Timelines

Table 1. Timelines for Public Participation

Public Participation Processes and Key Outcomes	Expected Deadline
Site Application	Prior to December 31, 2008
Initial meeting with MNR, MOE and DFO (Coordination meeting)	February 8, 2011
Initiate habitat studies	April 2010
Identify Interest Groups and Potential Stakeholders	April 2010
Initiate stakeholder consultation program	April 2010
Individual meetings with stakeholders	April 2010 and ongoing
Notice of Commencement	July/August , 2010
Notice of Commencement re-issued	October/November, 2010
Briefing for CEAA	August 2010
First Nations Invitation to Participate in archaeological survey	October 2010
Agency Coordination meetings	February 2011
First Public Information Centre	March 22, 2011
Xeneca presentation to City of Greater Sudbury Planning Committee	March 23, 2011
Draft Class EA Report	July 2011
Second Public Information Centre	September 2011
Final Class EA Report	September 2011

2.4 Issues, values and potential stakeholders

In order to identify potentially interested and affected stakeholders Xeneca utilized its consultants at OEL-Hydrosys and KBM to conduct a preliminary review of the values, issues and stakeholders associated with the four Xeneca waterpower projects on the Vermillion River. This exercise resulted in an initial list of issues, potential interest groups and stakeholders (Table 2.)

Table 2. Preliminary List of Values, Issues and Potential Stakeholders

Value	Stakeholder
Tourism	Municipal Government <ul style="list-style-type: none"> • City of Greater Sudbury • Town of Walden • Township of Nairn and Hyman • Town of Onaping • Town of Espanola • Township of Lively Tourist Operators <ul style="list-style-type: none"> • Northern Ontario Tourism Outfitters • Ontario Federation of Snowmobile Clubs • Rainbow Country Snowmobile Association • Sundog Outfitters • Rainbow Routes • Hartley Bay House & Marina Bear Management Operators <ul style="list-style-type: none"> • SU 42 006, SU 39 027, EP 42 005, EP 42 060
Riparian land ownership	Municipal Government Riparian landowners
Municipal Planning	Municipal Government <ul style="list-style-type: none"> • City of Greater Sudbury • Town of Walden • Township of Lively • Township of Nairn and Hyman • Town of Onaping • Town of Espanola
Recreational Users	Anglers & Hunters <ul style="list-style-type: none"> • OFAH • Sudbury Revolver Club • Sudbury Game and Fish Protective Association • Ducks Unlimited Sudbury • Espanola Game and Fish Protective Association • Friends of the Spanish River Cottagers <ul style="list-style-type: none"> • Vermillion River Campground • Silver Maple Campground • French River Delta Association Snowmobile and ATV Clubs <ul style="list-style-type: none"> • Ontario Federation of Snowmobile Clubs • Rainbow Country Snowmobile Association • Sudbury Trail Plan Association • Espanola District Snowmobile Club

(continued)

Recreational Users (continued)	Naturalists <ul style="list-style-type: none"> • Sudbury Naturalists Club • Nickel District Conservation Authority Kayakers and Paddlers <ul style="list-style-type: none"> • Environmental Committee Paddle Canada • Sudbury Canoe Club • Whitewater Ontario • Ontario Recreational Canoeing and Kayaking Association
Environmental (NGO)	<ul style="list-style-type: none"> • Northsore Forest LCC • Northwatch • EarthCare Sudbury • Nickel District Conservation Authority • Vermillion River Stewardship Committee
Business	<ul style="list-style-type: none"> • Vale • Xstrata Nickel Forest Industry SFL Holder <ul style="list-style-type: none"> • Vermillion Forest Management Inc. Non-Timber Forest Products Trappers <ul style="list-style-type: none"> • Traplines EP 043, EP 039, EP 035, Ontario Fur Managers Federation Mining Claim Holders Baitfish Harvesters Educational Institution <ul style="list-style-type: none"> • College Boreal • Laurentian University • Cambrian College
Community Groups	<ul style="list-style-type: none"> • Spanish-Vermillion River WMP Public Advisory Committee • Sudbury Forest LCC • Ontario Rivers Alliance • Vermillion River Stewardship Committee • EarthCare Sudbury • French River Delta Association
First Nations & Other Aboriginal Communities	<ul style="list-style-type: none"> • Sagamok Anishnawbek First Nation • Sagamok Anishnawbek • Whitefish River First Nation • Wikwemikong Unceded Indian Reserve • North Chanel Métis Council • Sudbury Métis Council • Métis Nations of Ontario

2.5 Public Consultation

Media ads, notices and websites will be used to provide information about the Wabagishik Rapids project. The notices will also be used to direct interested readers to the Xeneca website for further information.

Newspaper ads will be placed in the Sudbury Star and the Mid-North Monitor newspapers as well as the Xeneca website. Where possible, notices will be placed on municipal website, notice boards and at the venues where public information sessions will be held.

Information about Xeneca's projects, including Wabagishik Rapids, will be posted on the Xeneca website www.xeneca.com. Background information, notices of Public Information Centres, information updates, instruction on how to participate in the development process and surveys designed to elicit public input will be posted on the website site.

2.6 Agency Consultation

The purpose of agency consultation is to inform and receive input from all government agencies with jurisdiction or program interest related to a particular waterpower project. For this project, relevant agencies include:

- CEAA
- Environment Canada (EC)
- Fisheries and Oceans Canada (DFO)
- Health Canada (HC)
- Indian and Northern Affairs Canada (INAC)
- Infrastructure Canada (IC)
- Natural Resources Canada (NRCan)
- Transport Canada (TC)
- Other departments as identified by CEAA

The Project Description will also be submitted to the following Provincial Ministries and agencies:

- Ministry of Aboriginal Affairs
- Ministry of Tourism and Culture
- Ministry of Energy and Infrastructure
- Ministry of the Environment
- Ministry of Municipal Affairs and Housing
- Ministry of Natural Resources
- Ministry of Transportation
- Ministry of Northern Development, Mines and Forestry
- Ontario Waterpower Association
- Identified FN Groups, including invitation to participate in co-ordination meetings
- Nickel District Conservation Authority

The appropriate agency technical representatives will be contacted regarding their agency's requirements, concerns and technical input, and be kept apprised of the public consultation program and other opportunities for their agency to participate in the screening process.

2.7 Aboriginal Consultation

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

Xeneca will give particular consideration to the concerns of First Nations (FN) and other Aboriginal Communities located in the vicinity of, or having a potential interest in the project. First Nations and other Aboriginal communities will be identified, notified, consulted, and involved in an appropriate manner. In addition, Xeneca will solicit participation of local FN in the archaeological study for the site and have asked for FN participation in project's coordination meetings for the Class EA. The Aboriginal Consultation Plan is a separate document from the Public Consultation Plan.

2.8 Mandatory Notification

Xeneca prepared and advertised a Notice of Commencement (NoC) (see Appendix A) to formally announce that they are commencing a review under the Waterpower Class EA process and that the project is subject to the Class EA. The NoC includes the proposed project location, the proponent and a contact name, address and phone number as specified in the Class EA document. The NoC was published in local newspapers (Sudbury Star and Mid-North Monitor) and/or mailed to households in the immediate vicinity of the project and to affected government agencies (including the EA Coordinator at the appropriate Regional Office of the MOE) and other potentially interested parties. Further, the NoC and other related project information is posted on the Xeneca website which is also being advertised and promoted to stakeholders. Updated NoCs were re-issued on October 6 and November 4, 2010 to address needs identified by MOE in Thunder Bay.

Upon regulatory review and completion of the Class EA, Xeneca will prepare and distribute a Notice of Completion. This notice will inform public and agency stakeholders that the proponent has completed the draft Class EA and that the review period is commencing. The notice will indicate where copies of the Class EA report can be obtained or reviewed. The notice will be placed in the Sudbury Star and Mid-North Monitor.

Xeneca will deliver the notice to the EA Coordinator at the Regional Office of the MOE, and to all who have expressed an interest in the project. (Xeneca will maintain a mailing list of all persons and agencies that provide comment and input to the process or otherwise express an interest in the project). Xeneca will also deliver the notice to other potentially affected agencies, municipalities, landowners, residents, businesses, and local interest groups.

2.9 Public Information Centres

The first (voluntary) Public information Centres (PIC) for the Wabagishik Rapids project was held in Espanola on March 22, 2011.

The PIC involved the display of relevant information, the provision of take-home materials (project overview, map, comment form, etc.) and available personnel (Xeneca staff and consultants) to address questions or concerns expressed by attendees.

Relevant background information was presented, including information on the proponent and the site in general. Panels were presented containing an introduction, GS conceptual drawings, proposed inundation maps, proposed roads and power lines maps, project benefits and results of environmental/engineering investigations. This information is now available at www.xeneca.com.

Another PIC is being planned for September 2011.

2.10 Documentation

The following documentation pertaining to consultation will be included in the Class EA:

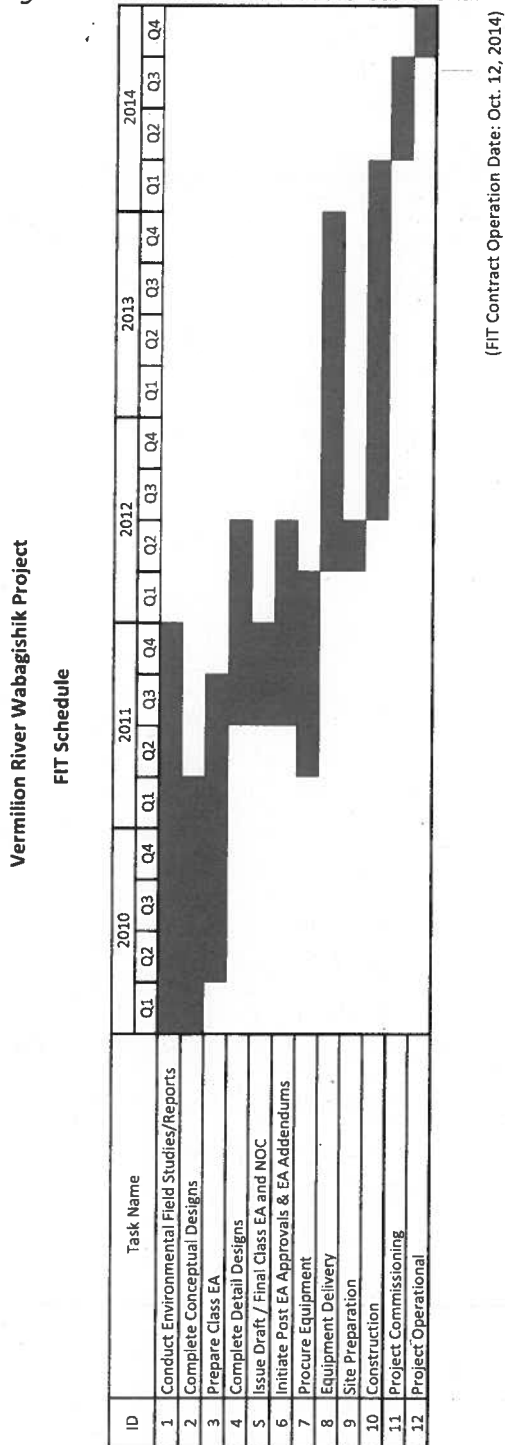
- a description of the public and agency consultation program and consultation activities/events;
- a list of agencies contacted or consulted; and
- a summary of public and agency concerns or issues, and how they have been resolved or addressed.

Technical reports and other supporting information will be referenced in the report upon request. Xeneca will make available all supporting information and copies of all correspondence related to the Class EA for public or agency review.

3 CONSULTATION SCHEDULE

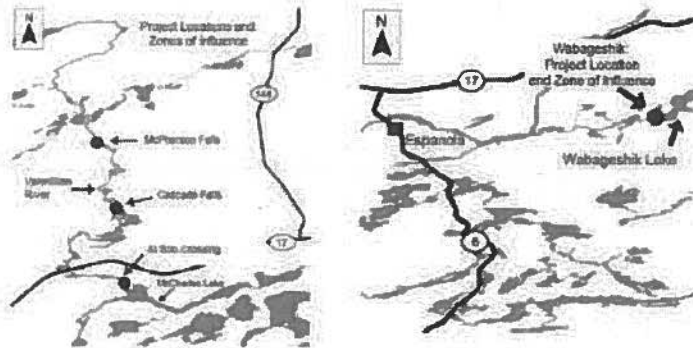
An overview of the consultation schedule is presented in a Gantt chart in Figure 1.

Figure 1: Consultation Schedule Gantt Chart



Appendix A: Sample Public Notice

Updated Notice of Commencement under the Class EA for Waterpower Projects Vermilion River Waterpower Projects



Xeneca Power Development Inc. is planning to undertake an environmental evaluation and assessment of four proposed Generating Stations located on the Vermilion River, in the Greater Sudbury area. If approved and constructed, these waterpower projects will generate clean, green, renewable energy at a total installed capacity of about 11.8 MW. The At Soo Crossing Generating Station will have water control structures (spillway and earthfill dams) and powerhouse with penstock. The Cascade Falls and McPherson Falls Generating Stations will have water control structures (spillway dams) and powerhouses with open approach channels. The Wabageshik Generating Station will have water control structures (earthfill and control dams) and powerhouse with a discharge channel. New roads and upgrades of existing roads will be required to access the sites. Transmission lines connecting at Larchwood and/or Espanola Transformer Stations will be installed in order to connect the stations to the provincial power grid. The project study areas are presented in the attached maps. Further project information can be obtained by visiting the Xeneca website at www.xeneca.com.

Construction is expected to take place between 2012 and 2013.

The projects are subject to the provisions of the Ontario Waterpower Association's "Class Environmental Assessment (Class EA) for Waterpower Projects" (2008). Pursuant to the Class EA, the projects are considered to be on a managed waterway.

The Class EA process requires Xeneca Power Development Inc. to undertake an evaluation of the proposed waterpower projects to evaluate their potential effects to the environment (positive and negative) and prepare a detailed Environmental Report. The projects are also expected to require review and approval under the Canadian Environmental Assessment Act, Fisheries Act, Navigable Waters Protection Act, Lakes and Rivers Improvement Act (location approval and water management plan), Endangered Species Act, Ontario Water Resources Act, Environmental Protection Act and other legislation. This notice and the public consultation process for the projects under the Class EA, is intended to coordinate and meet the notification requirements relevant to the planning stage of the projects under these statutes.

The evaluation and environmental report will assess the potential effects of the construction and operation.

Xeneca Power Development Inc. has identified certain environmental components that are expected to be the focus of the proposed project. Public consultation will be an integral component of this process.

For information on the project proposal, to raise any issues or concerns, or to be placed on the mailing list, please contact:

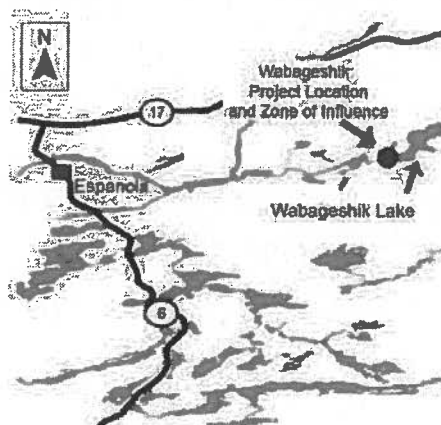
Vahesa Endskaitis
Public Affairs Liaison
Xeneca Power Development Inc.
T: 416-590-9362 X 104
F: 416-590-9955
E: venskaitis@xeneca.com

Under the Freedom of Information and Protection of Privacy Act and the Environmental Assessment Act, unless otherwise stated in the submission, any personal information such as name, address, telephone number and property location included in a submission will become part of the public record files for this matter and will be released, if requested, to any person.



5166 Yonge St., Suite 520, Toronto, ON M2N 6L9
tel: 416-590-9362 fax: 416-590-9955 www.xeneca.com

Notice of Public Information Centre for the proposed Wabagishik Rapid Waterpower Development



Xeneca Power Development Inc. invites you to attend a Public Information Centre where you will have the opportunity to learn more about the project and provide your input to our project team. We encourage everyone who has an interest in this project to provide comment.

Please join us on:

Tuesday March 22, 2011
4:00 pm to 8:00 pm
Espanola Recreation Centre
175 Avery Dr., Espanola

You are invited to provide comments on the issues to be addressed, and/or to ask to be placed on the projects' mailing list. For information on the project proposals, to raise any issues or concerns, or to be placed on the mailing list, please contact:

Stephanie Hodsoll
Public Affairs Liaison
Xeneca Power Development Inc.
T: 416-590-9362 X112
F: 416-590-9955
E: shodsoll@xeneca.com

Under the *Freedom of Information and Protection of Privacy Act* and the *Environmental Assessment Act*, unless otherwise stated in the submission, any personal information such as name, address, telephone number and property location included in a submission will become part of the public record files for this matter and will be released, if requested, to any person.



5160 Yonge St., Suite 520, Toronto, ON M2H 6L9
tel: 416-590-9362 fax: 416-590-9955 www.xeneca.com

Public Communication Logs

**General Public
Vermilion River Stewardship
Domtar
Vale**

Wabageshik General Public Comments

Theme	Date	Comment	Response
Safety	19-Apr-11	Is there a danger to those children in paddle boats, canoes that have used the bay?	All of Xeneca's project sites, including Wabageshik Rapids, will be covered by a safety program. This will include a safety boom placed upstream of the station intake and warning signs erected. The area downstream of the proposed Wabageshik site is very flat, and there will be no anticipated significant effect in this area. The varied flow levels are anticipated to continue to fall within natural flow levels. Uses of the bay will be reviewed as part of the Class EA.
	21-Apr-11	Concerns regarding safety of travelling on the lake in the winter.	The lake is hydraulically linked to the Wabageshik facility however operating restrictions and commitments to follow natural lake levels result in naturally occurring ice conditions.
	14-Sep-11	Will I have to worry about a bad OPP commercial (rush of water) when I'm swimming?	Ramping rates will be such that there will never be a rush of water, and a full safety review will be undertaken.
Private Landowners	19-Apr-11	What are Xeneca's contingencies on any negative effect on our property value?	No devaluation of property is expected for the following reasons: 1. Facility cannot be seen from any private land. 2. Noise effects during construction will be minor in nature. Operational noise is expected to be zero. 3. Water level fluctuations downstream are well within natural annual variations. Commitments are in place setting out maximum fluctuations. However, where water level changes are expected, Xeneca has conducted consultation. If there are identified impacts, Xeneca will further seek to reach agreements such as assuring drinking water quality, and, where possible, deriving benefits to the landowner.
	19-Apr-11	What is the short and long term impact on our shoreline?	There will be fluctuating water levels, but they are constrained to fall within seasonal norms.
	19-Apr-11	What is the amount of noise pollution from the dam when fully operational?	Expected sound levels for individual equipment components and installation are not yet determined. Where possible, Xeneca will apply sound mitigation measures to lower audible levels outside of the powerhouse structure. Noise resulting from operation of the facilities (transformer hum, flow of water into the intake) should not be significant. To mitigate noise due to operations, the generator/turbine set up will be within the provincial requirements. The generator/turbine will be housed in a concrete building, vents and louvers will be directed away from trails, cottages, etc. Routine maintenance and inspection of the equipment will be carried out to ensure noise levels are minimized.
	6-Sep-11	What will the effects of dam operations be on my property?	There will be fluctuating water levels, but they are constrained to fall within seasonal norms.
	22-Sep-11	Concerns regarding impact to property	Stakeholder was informed that impact to his property would be zero
	8-Nov-11	Will property values be lowered due to GS?	No devaluation of property is expected for the following reasons: 1. Facility cannot be seen from any private land. 2. Noise effects during construction will be minor in nature Operational noise is expected to be zero. 3. Water level fluctuations downstream are well within natural annual variations. Commitments are in place setting out maximum fluctuations.
	26-Apr-12	Would like to see with river cross-section maps showing water level fluctuations near embayment area below facility.	Xeneca has committed to limiting daily fluctuations in the embayment to a maximum ± 15 cm around natural levels.

	23-May-12	Concern about damage to exposed gravel shoals downstream of facility in the river and the potential to turn waterfront into a swamp.	<p>Xeneca does not anticipate that the proposed project operation will have any impact on siltation. Indeed, the existence of the dam structure may even trap a small amount of any sand that may be migrating down the Vermilion River during spring freshets.</p> <p>Another contributing factor to swamp creation can be reductions in water levels. The proposed facility operation will pass the same amount of water on a daily basis as the amount that would pass naturally. This will ensure that the average daily water level will be the same as the average daily water level that occurs naturally. The only exception to this is the variation in daily flow that occurs at certain times due to operation as discussed in item (3) above (i.e. +/- 0.15 metres.) This daily operation is not expected to cause any swamp creation.</p>
	23-May-12	Concern about adverse effects of GS on family's enjoyment of the property.	<p>No change in enjoyment of any property is expected for the following reasons:</p> <ol style="list-style-type: none"> 1. Facility cannot be seen from any private land. 2. Noise effects during construction will be minor in nature. Operational noise is expected to be zero. 3. Water level fluctuations downstream are well within natural annual variations. Commitments are in place setting out maximum fluctuations.
	23-May-12	Concern about water supply	The Construction Management Plan addresses water quality issues during construction, and the efforts to mitigate negative effects. The post-operational monitoring plan is put into effect to ensure the water quality is maintained and monitored during the post-construction period.
	23-May-12	Concern about aesthetics & noise pollution	In 2011, Xeneca re-located the project upstream by 255 metres from the original location. The change in location puts the project outside of view of any private landowners. It is also expected that the project will not have any notable noise, odour or air emissions during operation. Some noise disruption may occur temporarily during construction.
	23-May-12	Concern about damage to dock	Given the distance from the GS to any private land the moderate flow associated with facility operation, Xeneca is very confident that no damage to private docks or shorelines will occur due to facility operation. However, if damage were to occur to a dock within the zone of influence as a result of operation, Xeneca will assume full responsibility.
	23-May-12	Concern over shoreline erosion of private land	Erosion studies undertaken by Parish Geomorphics clearly show that there will be no significant erosion issues associated with the Wabagishik GS.
Fish Habitat/Spawning	15-Nov-10	How will Xeneca's 4 proposed dams on the Vermilion affect habitat and life on the river?	Some changes are expected as a result of the Wabagishik GS. Those changes are documented in the Wildlife and Aquatic Effects Report. Operational constraints, mitigation strategies as outlined in the Operating Plan limit the effects and minimize changes to the natural environment. At this time, only the Wabagishik GS project is moving forward through the Environmental Assessment process. Cumulative effects, should the other projects be built, will be addressed in subsequent Environmental Assessments.
	5-Mar-11	This area is the spawning ground for pickerel, pike bass & varieties that like gravel/sandy beds for spawning.	We have designed the project and made commitments noting this fact. This information has also been presented at Public Information Centres and will be contained in the final ER. Please see the Habitat Assessment and Effects Report, Monitoring Plan and Compensation Plan.
	11-Oct-11	What will mitigation strategies related to any habitat loss that may occur be?	Operating constraints during critical seasons, such as spawning, have been implemented. Minimum flows have been guaranteed to keep ecological functioning in areas known for benthic production, feeding, etc. Habitat creation downstream of the dam site will replace most of the habitat lost. Xeneca also has an agreement with United Walleye Clubs on Ontario to work together in creating a Community Fish Hatchery and Education Centre. This may also assist in offsetting any lost fisheries production. Hatchery activities will be undertaken with the approval of all relevant regulatory agencies.

	22-Nov-11	Concerned about spawning bed / is the last spawning bed for pickerel/ walleye on the river. Would be good PR to set up walleye hatchery.	The United Walleye Clubs of Ontario and Xeneca have reached a partnership agreement that will lead to the development of a Community Hatchery Education Centre at the Wabageshik site.
	13-Dec-11	(Regarding the 200 m upstream move of the dam): This is a huge update since it totally changes the whole dam configuration. I find it suspect that the given reason for the change is to protect an important fish (lake sturgeon?) spawning ground since the dam construction itself (located above the spawning area) will clearly disturb said spawning ground due to all the produced silt/sedimentation released above it.	The upstream re-location of the dam was a response to concerns that sensitive fish habitat would be flooded and lost. Operations will be established to minimize erosion and resultant sedimentation where possible. Follow-up monitoring will be completed to determine where erosion and sedimentation are occurring as a result of operations above and below the headpond. The levels of sediment within the headpond will also be a function of the discharge from the existing upstream dam.
Aesthetics	19-Apr-11	We would like to have a rendering of what the finished project is going to look like from our property	Please see the artists renderings in Section 3 of the ER ("Description of Proposed Project.")
	23-May-12	Concern over visual impacts of project.	In 2011, Xeneca re-located the project upstream by 255 metres from the original location. The change in location puts the project outside of view of any private landowners. Please refer to the artists' renderings. Xeneca's design intends a project that fits in with its natural surroundings and has a low profile.
Power Generation	26-Apr-12	Any information you might be able to provide about gaining access to power on the west end of Lake Wabageshik would be appreciated.	Xeneca has informed stakeholders that distribution of electricity would have to occur through the local distribution utility - in this case, Espanola Hydro. Xeneca will work with hydro consumers and Hydro One should an agreement to expand distribution be reached between the LDC and consumers.
Loss of Recreation	5-Mar-11	Fishing in the area has already been on the decline over the last 40 years from lack of good spawning beds and poor restocking practices. This dam may disturb the spawning grounds of the whole watershed even further.	Xeneca has committed to work with the United Walleye Clubs on Ontario and other partners in creating a fish hatchery and educational centre at the Wabagishik Rapids project site.
	14-Sep-11	What happens to the abundance of fish that I plan to catch with my son?	Operating Plan: Xeneca has constrained operations during spawning periods. Furthermore, Xeneca has committed to compensation for lost habitat - see Compensation Plan. Also, Xeneca has committed to monitoring to confirm spawning and spawning success - see Biological Monitoring Plan. Please note Xeneca's commitment to a fish hatchery, which could potentially maintain or increase fish stocks in the area.
	23-May-12	Many river users who boat up to section of river near Wabagishik site (from as far as Espanola) to fish and enjoy the river are also fearful that the waterpower project adversely affect their use of the river - concern of loss of navigation	Xeneca has committed to maintaining water levels in the embayment area below Wabagishik GS at levels that allow navigation. Water levels from Espanola to the GS site will continue to be passable for navigation.
Species at Risk	27-May-11	A Sturgeon breach was observed by an MNR employee at the surface of the water below the first rapids on the Vermilion River upstream of the Spanish River. He also mentioned that most Sturgeon caught in this area have been less than 50cm in length.	We are aware that lake sturgeon have been observed and captured within the Vermilion River. We are also aware that MNR has captured juvenile lake sturgeon in this area.
	25-May-11	A fisherman caught a 30 pound Lake Sturgeon in the Vermilion River below the first rapids upstream of the Spanish River in August 2010. He caught the fish on jig and worm.	This is consistent with other captures documented in the final ER.
	1-Nov-11	Blandings turtles is a species at risk and has been identified on river - is this an issue?	A turtle survey focusing on potential Blanding's turtle habitat in the area will be conducted during the permitting and approvals stage of development, as these studies are required in advance of obtaining authorizations under the Endangered Species Act.

	7-Mar-12	Xeneca's negating the possible spawning activity of lake sturgeon in the dam area based on one spring's survey/fishing results is premature. Anecdotal evidence must also be taken into consideration. If later survey/fishing activity (following construction) does show the presence of lake sturgeon, though this will be highly unlikely after dam construction has interfered with their spawning habitat, what mitigation could possibly be carried out?	Xeneca understands that lake sturgeon spawning habitat exists at Wabageshik Rapids, and is in discussions with MNR and DFO about a suitable approach to fish habitat compensation focused on spawning habitat for walleye and lake sturgeon. The operating plan also contains special provisions for the walleye and lake sturgeon spawning period.
Snowmobile bridge	4-Mar-11	What is identified as "Existing Bridge" and "Existing Local Road" on the maps are actually a Snowmobile Only Bridge and Snowmobile Trail. Can you please make these corrections on the maps?	Corrections have been made.
	4-Mar-11	How will this Power Dam Project affect our OFSC Snowmobile Trails and Snowmobile Only Bridge during construction and in the future?	Xeneca is currently proposing two routing options. The snowmobile bridge currently in place at Brazil Creek does not have highway capacity required for construction vehicles per KBM report and cannot be used in its current form.
	4-Mar-11	Has your company contacted the Ontario Federation of Snowmobile Clubs about these Power Dams, across the province as they may create problems for the official ice crossing trails that are located close to where the dams may be built?	Xeneca has included local snowmobile clubs in its consultation efforts for many of its projects. For the Wabagishik Rapids GS project specifically, Xeneca has been in correspondence with the Rainbow County Snowmobile Association and Espanola & District Snowmobile Club.
	4-Mar-11	This dam would ruin the only snowmobile river crossing that has cost the volunteer snowmobile clubs approx \$229,000 and thousands of volunteer hours to build.	Xeneca will not be using the snowmobile bridge. Xeneca will monitor the bridge's integrity during construction and operations, and if damages were to occur to the bridge due to Wabagishik Rapids GS, Xeneca has committed to pay for repairs/rebuilding.
	9-Mar-11	The map plan show you using the existing road, which is a snowmobile trail built by the RCSA and OFSC for snowmobiling. What assurance do we have that, we will still have access and that the trail will be in as good or better condition? If work continues during the winter months, will you ensure that there is adequate snow left on the trail for snowmobile travel? Or widen the existing trail to accommodate us, all the above at no cost to us?	Sent March 21/11: Xeneca will work with the snowmobile club and association to ensure trail routes are maintained. While Xeneca does not believe there will be significant impact on the trails, should there be any effect on any existing trails Xeneca will work with the club to ensure an alternative route is created with as little disruption to trail riders as possible. If, through the project, there are means to improve snowmobile access and safety Xeneca would be pleased to work with the organization. Xeneca would like to assure stakeholders that opportunities to improve the existing snowmobile trails will be pursued. Xeneca is willing to work with stakeholders and help to maintain or improve the present snowmobile trail.
	9-Mar-11	The proposed dam is to be constructed downstream from our snowmobile bridge, with the limit of back-up water up stream from the bridge. How much higher will the water be increased at the exact location of the Snowmobile bridge? If the water level is to be increased to any significant depth, what steps will you take to ensure that the bridge piers are protected from ice and high water? Should there be damage to the bridge or piers from ice dam build up will Xeneca accept liability?	Sent March 21/11: There will be minimal increase in water elevation below the snowmobile bridge. Hydraulic modeling of that reach of the river is being done at the moment. Xeneca will make sure that flood flow up to 1:100 year return period will safely pass under the bridge with the proposed dam/weir downstream. It is highly unlikely that there will be any ice-jam formation but this issue will be reviewed and incorporated in the project design process.
	23-Mar-11	Will the present bridge be used by your company during construction or during maintenance in years to come?	Xeneca does not plan to use the deck of the snowmobile bridge for either construction or future vehicular traffic.
	23-Mar-11	Who will inspect the bridge, piers and banks to ensure the safety of all snowmobilers for years to come?	During the detailed design phase, design engineers will create a quantifiable inspection chart for the Operations Manager to review on an annual basis.
	23-Mar-11	If upgrades are needed who will do them?	If upgrades are due to damage caused by Xeneca construction or operations, Xeneca will repair the bridge.
	23-Mar-11	Who and how often will the bridge, piers and banks be inspected?	Inspections will be a part of ongoing maintenance at the site.
	23-Mar-11	Will inspection reports (bridge, piers and banks) be provided to the local Espanola & District Snowmobile Club along with the Ontario Federation of Snowmobile Clubs?	Any inspection reports undertaken by Xeneca will be shared with the Clubs.

	8-Nov-11	What type of use and when the usage will take place along our C-108-D Trail? (Snowmobile) If this section of trail is going to be used during the winter months, then safety measures will need to be put in place for dual use.	Xeneca is currently looking at two routing options. One route will cross the C-108-D trail at right angles at one location only, about ½ km north of Nameless Lake. The other option will run parallel to the trail. Safety measures will include proper signage and notifications.
	8-Nov-11	We installed a maximum 5 ton snowmobile bridge across a 25 foot creek at the west end of Elizabeth Lake. After viewing both proposed access routes I assume Xeneca will likely use this route as an access route to the proposed power dam. Again if this is going to be part of the access route we will need to address some concerns.	Response March 12/12: This will not be affected. The road will cross that path at right angles at one location only, about ½ km north of Nameless Lake.
	11-Jul-12	Would like written assurance that "that our snowmobile bridge will be completely protected so that snowmobilers can use it as continual part of our Provincial Snowmobile Trail System for years to come."	On July 23 2012, Xeneca sent letter formally committing to the integrity maintenance of the snowmobile bridge in the vicinity of the Wabagishik Rapids project. If the bridge is damaged due to construction or operational activities, Xeneca will repair the bridge.
	11-Jul-12	If a re-certification of the bridge is ever required (for higher water levels), would Xeneca be prepared to provide it?	Xeneca will work with the snowmobiling community to ensure that if an engineering re-certification of the bridge is ever required, it is completed in a timely, cost effective manner.
	18-Oct-12	Through Xeneca's work permit application, it looks like an excavator will be used to dig a test pit and construct an access trail from the snowmobile trail to the dam site. This trail is being constructed to allow a portable drill rig access to the site. The permit application also indicated access for both pieces of equipment was going to be from Nairn down the snowmobile trail and across the snowmobile bridge on the Vermillion river. Bridge is only rated for 5 ton maximum, and even if equipment or personnel was under the maximum rating, who would be liable?	Xeneca will not be using this bridge for access or construction.
	20-Oct-11	Concerns over bridge condition with new flow regime.	Based on modeling, there will be minimal effects on the bridge due the proposed Wabagishik operation, even in the extreme flood condition (100 year return period flood.) Given the potential for ice build-up and damage to bridge piers, Xeneca will also investigate the need for reinforcement of the structure. If improvement in the structure is required, Xeneca will undertake the work at its own cost as committed in Xeneca's November 8, 2011 letter to the Rainbow Country Snowmobile Association.
Deer Hunting	8-Aug-10	I hunt deer in that immediate area and would like to know potential impacts on the area and my activities in that area.	Monitoring of deer crossing is occurring. Monitoring will continue, but to date, assessment shows no impediments will be caused by Xeneca operations. With better roads and access, there may be an increase in people seeking hunting opportunities.
	22-Nov-11	Concerned about deer crossing as Wabagishik site is a migration route for deer in the spring and fall	Xeneca recognizes this is a corridor used by deer during fall and spring migration to and from yarding areas. Through habitat assessments, deer monitoring was undertaken ascertaining waterflow levels and ability for deer to cross the river from wintering areas. Predicted water levels and flows from the proposed Wabagishik GS will allow deer to continue using this corridor. Xeneca will continue to monitor deer crossing during operations.
Algal Blooms	20-Oct-11	Concern that Xeneca's proposed Wabagishik Rapids project may slow the flushing time of the lake and exacerbate the problem.	Wabagishik Rapids project will not change nutrient load or flushing time of Wabagishik Lake. The amount of water moving through the lake each day will not change and the water level will return to the same level each day so that the overall flushing rate will not change. The project won't cause any change in the overall flushing rate in the lake or the algal bloom situation. Downstream, Xeneca will be adhering to industry standards for construction and operations by removing vegetation in the inundation area, including some top soils. The project is expected to have no impact on oxygen status or water quality downstream of the Wabagishik project site.

Lines & Roads	18-Aug-10	I am interested in where the road will be rehabilitated and extended.	Xeneca is still examining two possible routes into the site. Please refer to the Construction Sequence Plan within the Construction Management Plan for the maps. The east-west route would involve about 70% road upgrade and 30% new road. This route parallels an existing snowmobile trail, linking in from Penage Lake Road, north of Elizabeth Lake. The north-south route would require an entirely new road to be constructed. It would run north-south from Penage Lake Road between Elizabeth and Augusta Lakes, north to the site.
	19-Apr-11	What are the road plans? Different diagrams show different routes? What is the final recommended route? At the Espanola meeting, one of the displays had a "possible alternative access road" going through our Private property?	Please see answer above for the two potential routes. Xeneca is still in discussions with government agencies regarding the status of the property on the east-west route.
	27-Apr-11	What is the power line route? Does Xeneca's proposed transmission line pass through private property?	The power line route will follow the final selection for the road route.
Dam Details/Operations	8-Aug-10	Would like more information regarding this project, including detailed site diagrams of proposed dam, roads and generating station placement.	Stakeholder was added to mailing list. Planning is in preliminary stage and definitive information is not yet available. As part of the Class EA, environmental consultants are working with professional engineers to develop the information requested. This information should be available at the Public Open House, which will take place some time in the fall of 2010.
	19-Nov-10	Do you have more detailed information you could provide detailing the actual location of the proposed dam?	The dam is 800 metres downstream of Lake Wabagishik. Please refer to the Site Location and Zone of Influence map, or any other map, for a visual reference.
	15-Nov-10	I would like to be notified of what you are proposing.	Xeneca has shared project information with stakeholders through advertising (Notice of Commencement, Public Information Centres in Sudbury Star & Espanola Mid-North Monitor) as well as three Public Information Centres in Espanola (with information boards) and website and e-blast updates. All identified stakeholders have also been notified of the release of this final ER, which is available both in hard copy at locations nearby the Wabagishik site and on the Xeneca website.
	13-Apr-11	What will the head be?	The maximum head of the project will be 6 metres.
	13-Apr-11	What will the flow volume cubic meters per second be?	Project design flow is 64 cms.
	13-Apr-11	What is the estimated KW output?	The project is 3.4 MW which is 3400 KW.
	13-Apr-11	How far is the OPA grid connection?	The grid connection is with Espanola Hydro. The connection site east of Espanola, approximately 10 km west of the site, at the corner of Barrie and Queensway Roads.
	13-Oct-11	Can you confirm the site layout of the project?	In 2012, the layout design changed to what it is today - the structure was moved about 220 metres further upstream than the preliminary concept. This change occurred to avoid an ecologically sensitive (spawning) area. Please refer to Annex II of the ER for current drawings.
	8-Nov-11	Will the turbines create a lot of noise pollution?	The turbines must fall within environmental sound limits, and will not create excessive sound for local property owners.
	13-Dec-11	Why have none of the maps/tiles in the project update (from project update 'The headpond of the project will be hydraulically connected to Wabagishik Lake') been updated with the dam located at Wabagishik Lake?	The proposed dam location is approximately 800 metres below Wabagishik Lake. Xeneca is proposing to operate the plant while maintaining natural lake levels in Wabagishik Lake, with fluctuations of plus or minus 5 cms. This gradual rise and fall of water levels will not have any significant impact on recreational use of the lake.
	13-Dec-11	The project update states: 'The new project conceptual site layout drawing and the headpond inundation map are attached in Appendix A.' even though there is no 100-year proposed inundation (solid red line) given in the Headpond Inundation map.	Figure 4 in the Operating Plan (Annex I) shows the spatial extent of the 100-year flood in the new inundation area. Please refer to this map.
	19-Jul-12	How long would the generator have to run to drop this body (Lake Wabagishik) of water 5 cms?	It depends on the inflow to Lake Wabagishik. If we assume no inflow to the lake, the GS would have to run for 3.3 hours.

Water Levels	15-Nov-10	How will the dam affect the water levels on the Vermilion.	There will be no effects upstream of the dam, as Xeneca has proposed to operate the plant following natural lake levels (at Lake Wabagishik) with maximum fluctuations of plus or minus 5 centimetres. Downstream of the facility, the water level could vary up to plus or minus 15 centimetres.
	15-Nov-10	I live on the lower Vermilion and I have concerns about fluctuating water levels.	Information will be available at Public Information Centre.
	28-Nov-10	How will these dams affect the water level of Ella Lake?	There will be no visible changes/impact to the water levels at Ella Lake as it is out of the zone of influence.
	5-Mar-11	For cottagers on Lake Wabagishik - How much higher will the water be? Mixed with spring runoff, will it create floods?	Lake levels at Lake Wabagishik will be within plus or minus 5 centimetres of their natural levels. During the spring, which is spawning season, Xeneca has committed to run Wabagishik GS as run-of-river, so no fluctuations or flooding due to operations will occur.
	19-Apr-11	With reference to the OWA Class EA section 5.2.3. of the Navigable Waters Protection Act - What are Xeneca's contingencies on any impact on the existing amount of navigable water? (A few kilometers downstream there is a submerged waterfall which may be exposed if water levels drop.)	Xeneca has committed to operations and minimum flows which will ensure that Wabagishik operations do not create flows that impede navigation. Bathymetry, hydraulic and hydrological studies as well as modeling have confirmed that navigation will not be disrupted.
	21-Apr-11	We've lived on the lake 25 years. Every spring we deal with water levels rising anywhere up to 8-12 feet. Because of the lack of snow in recent years, we've not barracaded our frontage. What are your plans? We can't have you playing with water levels in the spring.	Xeneca is committed to following natural lake levels +/- 5 cm, as such natural lake level fluctuations will continue to be experienced by property owners around Wabagishik Lake.
	14-Sep-11	What is the expected change in water levels at different times of the year?	Most of the time, Wabagishik Lake will follow natural lake levels. Only when the plant is operated as modified run-of-river, the maximum daily fluctuation in Lake Wabagishik will be +/- 5 centimetres. Downstream, when the plant is operated in modified run-of-river mode, the maximum fluctuation in the downstream river reach will be +/- 15 centimetres.
	22-Sep-11	Concerns regarding water levels	A list of studies being conducted on river to assess biological impacts was provided to stakeholder. Stakeholder was also directed to Xeneca website for regular information updates.
	7-Oct-11	Stakeholder concerned about what the project will do to lake levels, however, stakeholder understands that projects like this are necessary to keep up with power demands.	Stakeholder was informed that the post-project level during low seasons will be about the average annual lake levels; high levels will be unchanged. Lake levels will also be maintained during the summer. Generally, these effects are considered beneficial to cottagers as 'dry docking' is avoided and water levels are maintained throughout the summer months. Stakeholder was also informed that this project will be a modified run-of-river project with a maximum daily fluctuation of 10 cm. Water will never be held back for longer than 1 day and the plant will be operating with peaking.
	18-Oct-11	Stakeholder concerned about project proximity to lake and affect on water levels, fishery.	Xeneca contacted stakeholder and provided detail on project location. Although hydraulically connected, project will only affect lake levels plus or minus 5 cm.
	20-Oct-11	Concerns over ice build-up and flooding of Wabagishik Lake	The spillway capacity of the Wabagishik project is designed to be larger than the natural capacity of the Wabagishik Lake outlet. During the design process Xeneca will make sure the spillway capacity of the Wabagishik Rapid GS project will be big enough so that the flow from the Wabagishik Lake will not be restricted, especially in the extreme flood and high flow conditions.
	1-Nov-11	Originally the head pond was supposed to be 5 km - but it has been increased to 10 or 15 km. Will this not flood back further and impact fisheries and forestry?	Wabagishik Rapid's headpond extent is from the dam to the Wabagishik Lake outlet, which is about 800 m. Lake levels in Wabagishik Lake will always be maintained in the pre-project natural level with maximum +/- 5 cm variation in level on any given day.
	8-Nov-11	Bay needs to receive flow or risk of it turning into a swamp.	Xeneca has committed to provide not less than 5 m ³ /second at any time. Xeneca has also committed not to exceed the level fluctuation of +/- 15 centimetres in the bay area. This will ensure that this area will continue to function as a river.

	8-Nov-11	Need to ensure the sandbars are part of the engineer modeling.	When the hydraulic modelling was done, information about the sandbars was incorporated.
	19-Jul-12	What volume of water would be displaced by the GS and what the recovery rate would be to return Lake Wabagishik to the pre-generation levels?	There will be no change in lake level from natural conditions. The only change in Wabagishik Lake from the proposed project is the daily fluctuation limit of +/- 5 centimetres.
Public Consultation	2-Aug-10	I would like to be added to your mailing list and be advised of public meetings for the area.	Stakeholder was added to mailing list. All stakeholders were notified of public meetings through email blasts prior to PICs & website postings. PICs were also advertised in local media.
	15-Nov-10	I am interested in being on the mailing list.	Stakeholder was added to mailing list.
	15-Nov-10	I would like to be notified of any public meetings and what you are proposing.	Stakeholder was added to mailing list. All stakeholders were notified of public meetings through email blasts prior to PICs & website postings. PICs were also advertised in local media.
	8-Dec-10	Please keep me informed of the proposed dams on the Vermillion River system, and advise me of any opportunities for public input	Stakeholder was added to mailing list. All stakeholders were notified of public meetings through email blasts prior to PICs & website postings. PICs were also advertised in local media.
	20-Dec-10	Please include me on mailing list.	Stakeholder was added to mailing list
	4-Feb-11	I am requesting to be placed on your mailing list	Stakeholder was added to mailing list
	4-Mar-11	Can I be added to your information list?	Stakeholder was added to mailing list
	9-Mar-11	Please add my e-mail address to the mailing list.	Stakeholder was added to mailing list.
	16-Mar-11	Please put me on the project mailing list for the power dam being proposed for the Wabagishik Lake	Stakeholder was added to mailing list.
	16-Mar-11	I would like to receive information on the proposal for the Wabagishik Dam and to be put on the mailing list.	Stakeholder was added to mailing list.
	31-Mar-11	I was unable to make it to last week's presentation at the Espanola Rec Complex. I have some serious concerns about your proposed dam and would like to air them at the earliest convenient time. Are you planning another session in the foreseeable future to address cottager's concerns?	Stakeholder was added to mailing list.
	19-Apr-11	We request a smaller, focused meeting with specific stakeholders in order to be more successful in resolving contentious issues	Xeneca will be happy to meet with you the next time Xeneca is in the area. Xeneca will advise you of potential meeting dates once they are determined
	19-Apr-11	We were never notified and did not receive a letter. When were they mailed? With reference to the Ontario Waterpower Associations document entitled Class Environmental Assessment for Waterpower Projects: section 4.2.1 "Notice of Commencement," it states that a public notice is a mandatory point of contact and must be directly provided to: adjacent and potentially affected riparian landowners/tenant stakeholders.	As Xeneca is not yet sure whether there will be any impact on the land in question, no letter was ever mailed. Xeneca will only notify those where known impacts exist directly. All other stakeholders are notified through the Notice of Commencement, which was published in the Mid-North Monitor (Aug. 25 & Sept. 1, 2010; re-issued Nov. 10 & 17, 2010) and The Sudbury Star (July 28 & 31, Aug. 21 & 25, 2010; re-issued Nov 10 & 13, 2010).
	19-Apr-11	At the Espanola meeting there was no one there from the MOE. Who is representing the public in this process?	There are at least 16 Provincial and Federal Agencies that review all steps leading towards completing the Class EA, as well as subsequent permits and approvals.
	19-Apr-11	The information on the display at the Espanola meeting was an excerpt from what was already on Xeneca's website. Information was general in nature, and at time the verbal information was contradictory to information contained on Xeneca's website.	Xeneca strives to inform stakeholders of changes as the project develops. In response to stakeholder consultation, Xeneca has made many changes to the proposed project.
	19-Apr-11	The format of the Espanola meeting was not conducive for all interested parties to hear other people's comments and concerns. For future public meetings a change in format is requested so everyone gets a chance to hear everything being discussed.	Xeneca offers public consultation in a variety of methods, formats and locations. For the formal information centres, a presentation of information and an opportunity to speak to Xeneca representatives and consultants has been found to be the best way to inform and respond to stakeholder concerns. Meetings with a question and answer format are available upon request from stakeholders and interested parties.

Water Quality	15-Nov-10	I live on the lower Vermillion and I have concerns about water quality, increased access to the wild areas of the river and fluctuating water levels.	Water quality is not expected to be substantively affected. Assessment is based on the Hutchinson Water Quality Report, Monitoring Reports and Erosion and Sedimentation Reports.
	21-Apr-11	Concerns about change in water quality	Xeneca has conducted an assessment to determine baseline existing water quality and will monitor future water quality to determine if there are any changes are occurring. Water quality is not expected to be substantively affected. Assessment is based on the Hutchinson Water Quality Report, Monitoring Reports and Erosion and Sedimentation Reports.
	14-Sep-11	How will water quality be monitored going forward?	Ongoing water monitoring will occur pre and post-project up to nine years after operations commence. Physical testing of water samples and fish tissue will occur in years 3, 6 and 9. For biological functioning, water quality is also being tested in the pools just below the dam structure spillway.
	22-Sep-11	Concerns regarding water quality issues	A list of studies being conducted on river to assess biological impacts was provided to stakeholder. Stakeholder was also directed to Xeneca website for regular information updates
	8-Nov-11	What will happen to the water quality during construction?	During construction, water quality will be monitored and a number of steps will be taken to ensure water quality is not comprised. Please see Construction Management Plan and Monitoring Plan for further detail.
Socioeconomic	7-Mar-11	Can you comment on what affects this will have for the Town of Espanola?	The project will bring significant investment to the Espanola region and have significant short-term economic stimulus during construction. Benefits of locally produced electricity include greater stability of energy supply, less transmission infrastructure and costs.
	19-Apr-11	What is the impact to the quality of life the family has enjoyed for over 80 years?	Given that the facility will not be visible or audible to any private landowners, and that downstream water level fluctuations are constrained to be within naturally occurring fluctuations (annually), effects on quality of life are not expected to occur.
	19-Apr-11	How are the stakeholders protected if Xeneca is sold?	The agreements and commitments that become part of the Class EA would be transferred to any subsequent owner. It is not Xeneca's intention to dispose of or change ownership of its projects, which are being built as long-term investments.
	15-Aug-12	Would like information regarding government incentives, bonuses etc. involved in these projects	Outside of the FIT contract, there are no bonuses or government incentives for proponents.
Construction	19-Apr-11	Since this area is a "cottage area," what are the planned hours of construction? (no late nights or evenings)	Normal construction practice at power plants is 10 hours a day, 6 days a week. Xeneca does not yet have a construction contract for this project; details will be determined once that phase is reached. During construction hours, various mitigation measures will be undertaken to minimize the effects of noise, dust, etc. For example, blast mats will be used, equipment emission controls will be maintained, trucks will have tarps, etc.
General/Requests	16-Feb-11	Please be advised I am in agreement with the consultation of the Wabagishik dam.	Feedback was noted.
	25-Mar-11	A site zoned for the construction of a micro hydro generating station is going up for sale. If you are interested please contact.	Stakeholder was contacted regarding site and information requested.
	14-Sep-11	Your handiwork at Misema River doesn't look good, What happened there?	The Misema GS is operated by TransAlta, and therefore Xeneca is not responsible for its operations.
	13-Dec-11	Can you please send me a copy of the fish study/survey and endangered species studies/surveys that were undertaken for the environmental assessment for this project?	Sent the stakeholder (on January 31 2012) the NRSI the fish study/survey and endangered species studies/surveys that were undertaken for the environmental assessment for this project.

	13-Dec-11	Can you tell me how Xeneca will cover the deconstruction costs for this dam project?	The FIT contract is for 40 years, and dams have longer lifespans of up to 100+ years. If decommissioning is to occur, revenues for the last few years of the GS's operations will be put aside in order to fund the decommissioning standards required at that time.
	31-Jan-12	I am concerned when I see that the fish study was carried out by NRSI even though you are both members of the Ontario Waterpower Association. Did Xeneca commission NRSI to carry out this study?	NRSI is a professional, independent consulting firm that must abide by the scientific standards and ethics that are the industry standard. Its reports accurately and fulsomely contain the information required for the Class EA process.
	24-Feb-12	How are members of a community made aware of their representatives on the Vermilion River Stakeholder Advisory Committee? How is the committee to represent the interests of their community without a means of communication or contact? I would request that the minutes of this meeting, and future meetings of VSAC, including the Terms of Reference, be made public.	These are determinations made by the Committee, not Xeneca. When asked Xeneca will provide advice. It is believed that the committee has determined that a website will be set up and promoted within the community. The preference is to have the website developed and operated through Laurentian University. The decision to make VSAC minutes/ToFR public is up to VSAC. It is believed that it is the intention of VSAC to make the minutes of the meetings public.
	8-May-12	I understand Xeneca has a rather comprehensive study of the water levels, floodplains etc of Wabagishik lake. Would this data be available to the general public?	Response June 25/12: Xeneca has provided a draft Operating Plan to government agencies for review last year, and it was returned to Xeneca with many comments and suggestions. Xeneca was working to incorporate these changes into an updated Operating Plan, so it was not ready for review by anyone at this time. Xeneca held a PIC in July 2012 where a summary of water levels at Wabagishik was presented.
Ecosystem	21-Apr-11	Concerns about turtles that visit the shoreline every summer, the spawning fish, loons and other waterfowl.	Xeneca has conducted an assessment to determine baseline wildlife and the ecology of the area and will monitor post construction to determine if there are any changes are occurring. An adaptive management plan is presented in the Final ER if any changes occur.
	1-Nov-11	Will a right of way have to be created? Concern regarding elk that have been reintroduced in this area and the impact of an increase in people/vehicles.	Xeneca is aware of the elk reintroduction in the Burwash area. Xeneca and its consultants have assessed that impacts to elk are not a significant concern.
	8-Nov-11	It's been observed that loons currently nest on grassy sandbars in the bay below GS site.	Xeneca staff have brought concern to engineers and commitment made to ensure bathymetry and modeling ascertain impacts. Please see Habitat Assessment and Effects Reports.
	15-Nov-10	I live on the lower Vermillion and I have concerns about increased access to the wild areas of the river.	Information will be available at Public Information Centre.
Invites	18-Mar-11		Invite to submit questions, comments or observations sent to local businesses.
	18-Mar-11		Invite to March 22, 2011 Public Information Centre
	21-Mar-11		Invite to March 22, 2011 Public Information Centre
	6-Oct-11		Invitation to October 20, 2011 Public Information Centre.
	10-Jul-12		Invitation to July 25, 2012 Public Information Centre
Project Updates			
	19-Jul-12		Project update regarding Zone of Influence: Xeneca confirms that Wabagishik Lake is within the Zone of Influence for this project. The headpond created at the weir could extend into Wabagishik Lake. Most of the time the project will follow natural lake level but there is a possibility for a small (+/- 5 cm) fluctuation in the lake level to occur.

Wabageshik Stakeholder Group 2 - Vermilion River Stewardship

Theme	Date	Comment	Response
Requests	25-Jan-11	I am requesting a copy of the Final Minutes/Report containing all the questions and answers from the other participants at that public meeting	This public consultation comment and resolution log contains questions asked/comments raised during the consultation process, and their answers.
	8-Feb-11	I am asking to be placed on your mailing list	Stakeholder added to mailing list
	8-Feb-11	I am writing to request a copy of the Minutes of the EA coordination Meeting being held today (February 8, 2011) in Sudbury, as well as all future meetings with regard to this project and the EA process.	The EA Coordination meeting for the Wabageshik Rapids is a planning meeting for federal, provincial and municipal regulators, and meeting minutes are distributed to the participants.
	8-May-11	Please share: 1. Minutes and Reports resulting from all meetings between Ministries, Xeneca, and their Consultants.	The agency consultation comment and resolution log contains questions asked/comments raised during the consultation process, and their answers.
		2. MNR Site Information Package (SIP).	SIP sent to stakeholder group on September 13, 2011.
		3. (Draft and/or Final) Proposed Operating Flow Levels	Please see Operating Plan.
		4. All Hydrology Reports and Requirements	Please see Annex I
		5. All Modeling Inputs	Please see Annex I
		6. Waterpower Applicant Site Declaration Form	Wabageshik Waterpower Site Declaration sent September 11/11.
		7. Water Management Plan	Details of the Water Management Planning process were shared at the Public Information Centre in 2012. Please see PIC panels in Appendix D. Xeneca also shared how stakeholders could get involved with that process. At some point, Wabageshik GS will become part of the Vermilion/Spanish River Water Management Plan.
		8. Status of Declaration of Intent	Xeneca is unclear what is meant by Status of Declaration of Intent, please clarify.
		9. Applicant of Record and Site Release	This has not been issued by MNR.
		10. Environmental Characteristics Report	The Environmental Characteristics Report will be part of the finalized Waterpower Class EA.
		11. Water Site Strategy	WSS has been supplanted by the Waterpower Class EA process.
		12. WSS Review Letter	WSS has been supplanted by the Waterpower Class EA process.
		13. All DFO, Canadian Environmental Assessment Agency, & Environment Canada Correspondence, Approvals, Reports & Notices.	CEAA is no longer involved in the Class EA process. Please see Appendix C for all agency consultation records.
Public Consultation		14. All documents of relevance to any of these 4 proposed dams.	The Wabageshik Rapids Environmental Report only contains details about the Wabageshik Rapids GS. All documents are contained within this ER.
		15. Engineered drawings	Please see Annex II
		16. Conceptual Designs	Please see Annex II
	20-Nov-12	Request for erosion study report	Sent to stakeholder on November 20, 2012
	20-Nov-12	Request for all draft operating plans (all projects.)	The draft Operating Plan was sent to VRS on November 27, 2012 with note that as the plan is still in draft form, the Operating Plan is subject to change and is not for public viewing at this time. Xeneca is still in discussions with government agencies regarding this and all other Ops.
Recreation	8-Dec-10	Why were there no public meetings before the dams were approved?	There have been three Public Information Centres (PICs) for this project: March 22, 2011; October 20, 2011 and July 25, 2012. Stakeholders were notified via email blast, website update & advertisement in local media (Sudbury Star and Mid-North Monitor.)
	26-Oct-11	Would Xeneca provide a portage route for canoers to pass around the proposed dam?	Yes Xeneca is creating a portage trail for recreational users. The trail is on the south side of the riverbank.

Ecosystem	8-Dec-10	What influence will 4 dams have on the river, its ecosystem and the local inhabitants?	The Wabagishik Rapids EA will only address issues related to the Wabagishik Rapids project.
	8-Dec-10	Please provide more information about fish spawning.	Please refer to Annex III of the Final ER which details the assessments made regarding fish spawning. The Operating Plan also details Xeneca's commitment to providing adequate flows for fish spawning and other critical fish life stages.
	8-Feb-11	Details of how you will protect the passage of fish, spawning grounds, aquatic life, the ecosystem, and natural habitat.	Fish passage is not contemplated at this site as passage is not required. There is suitable spawning habitat both above and below the proposed dam site, and therefore passage is not a requirement. Ecological and spawning-related issues have been thoroughly studied and discussed with agencies. Operational commitments are found in the Operation Plan that outline how spawning will be maintained throughout post-construction operation. These commitments will ensure ecological integrity.
	26-Mar-11	How do you plan to generate power throughout the months of low flow and low water levels, without causing damage to the river ecosystem?	Minimum flows and operating constraints, thorough analysis and consensus with the regulatory agencies have led to a project that is designed in a manner that will protect ecological integrity.
	26-Mar-11	What provisions will you make for passage of fish?	Fish passage is not contemplated at this site as passage is not required. There is suitable spawning habitat both above and below the proposed dam site, and therefore passage is not a requirement.
	26-Mar-11	Have existing fish spawning areas in the impacted zone been identified - where?	Yes they have. Fish spawning occurs in the rapids below the Wabagishik project and in the rapids above the project, which will be inundated. However, it is recognized that sufficient high-quality spawning conditions exist in the Vermilion River at Lorne Falls and elsewhere in Wabagishik Lake.
	26-Mar-11	What provisions will you make for the Walleye Spawning area that has been identified throughout the entire proposed inundation area of Wabagishik Rapids?	A portion of the walleye spawning area will be maintained downstream of the new facility, and flow from the facility will be managed to protect spawning at this habitat. The habitat upstream of the facility will be altered and compensation for this alteration will need to occur. Xeneca will be negotiating appropriate compensation with DFO.
	26-Mar-11	Do you plan to do further surveys of wildlife? Surveys on birds, reptiles and amphibians were done on two one day visits in one spring period, are insufficient to assess what is truly there, and appear incomplete.	Additional studies have occurred in 2011, 2012 and 2013.
	26-Oct-11	What compensatory bypass flow would Xeneca provide?	The minimum flow proposed in the river is 5 cms (with agreement with Dmtar) and 6.5 cms if agreement with Dmtar cannot be reached.
	26-Oct-11	What are the potential negative impacts of this dam and operating strategy on the downstream and upstream riverine ecosystem? How would these negative impacts be mitigated?	Thorough study, analysis and modeling combined with consultation with stakeholders, Aboriginal Communities and regulatory agencies has led to a proposed operating and design strategy that will mitigate negative impacts and, where impacts cannot be mitigated, compensation will be provided.
	26-Oct-11	Would Xeneca provide safe upstream and downstream fish passage?	Fish passage is not contemplated at this site as passage is not required. There is suitable spawning habitat both above and below the proposed dam site, and therefore passage is not a requirement.
	26-Oct-11	Would Xeneca provide fish friendly turbines?	Xeneca prefers the Kaplan design turbine, which has much lower fish mortality. Design of intakes, gates and trash racks can further eliminate turbine-related mortality.
	3-Aug-12	Spawning Area: a) How does moving the dam to its present location protect the spawning area?	An ecologically sensitive area was found at the original proposed dam site. By moving the facility approximately 200 m upstream, this area will remain undisturbed. Please note that flow commitments during the spawning period further protects spawning fish.
	3-Aug-12	b) How do you propose to protect the spawning area from the intense pulsing and surging of river water levels and flow velocity?	Operational commitments have limited flow variation downstream of the project in order that fish and spawning-related activities are not compromised.
	3-Aug-12	c) What affect will this dam and its operating strategy have on this spawning area?	An ecologically sensitive area was found at the original proposed dam site. By moving the facility approximately 200 m upstream, this area will remain undisturbed. Please note that flow commitments during the spawning period further protects spawning fish.
		Fish Passage:	
	3-Aug-12	a) Will fish passage be provided for Lake Sturgeon and Walleye?	Fish passage is not contemplated at this site as passage is not required. There is suitable spawning habitat both above and below the proposed dam site, and therefore passage is not a requirement.
	3-Aug-12	b) If so, what type of fish passage will be provided?	N/A
	3-Aug-12	Potential Impacts: What are the potential impacts from the pulsing of extreme changes in river flow velocity and water levels on habitat & fish species?	Operational commitments have limited flow variation downstream of the project in order that fish and spawning-related activities are not compromised.

	3-Aug-12	Fish Mitigation Measures: a) Will Xeneca be compensating for or mitigating endangered species and habitat destruction?	Yes, at a minimum we will be addressing lake sturgeon. Impact on spawning habitat for lake sturgeon requires compensation, and the proposed operations have been modified to avoid impact on spawning, incubation, larval development and larval drift. Some species-at-risk birds may also require attention in the temporary construction road and laydown areas, and overwintering habitat for Blanding's turtles remains a possibility downstream of the proposed dam.
	3-Aug-12	b) Will fish passage be provided for Lake Sturgeon and other fish species to pass into Wabagishik Lake?	Fish passage is not contemplated at this site as passage is not required. There is suitable spawning habitat both above and below the proposed dam site, and therefore passage is not a requirement.
	3-Aug-12	c) How will fish populations be protected and maintained?	Fish populations will be maintained through a combination of effects mitigations strategies and protection of critical habitat. Please note that Xeneca is also preparing to work with the United Walleye Clubs on Ontario and Aboriginal Communities on a fish hatchery and educational facility that will be built in partnership with Xeneca's Wabagishik Rapids project.
Public Safety	8-Dec-10	If a dam fails, how will it affect those who live downstream?	Extensive design elements addressing safety have been incorporated into this project. Design projects to the one in 100 year flood. Additional safety elements will be developed through detailed design and before construction.
	26-Mar-11	If a dam fails, what is your emergency response plan to warn the residents and recreationists downstream?	Emergency response will be developed as part of an overarching safety plan that will be prepared during detailed design.
	11-Oct-11	Concerns over safety issues related to ice buildup around the facility	Design elements addressing concern over ice build-up have been incorporated into the project design.
	26-Oct-11	To ensure public health and safety, will Xeneca release full river flow if and when a blue green algae outbreak has been confirmed on the Vermillion River?	Blue-green algae is formed in the presence of nutrient-loading combined with reduced flows, neither of which will occur as a result of the Wabagishik Rapids GS.
	3-Aug-12	Public Health and Safety - how will Xeneca protect the public from the frequent and extreme flow velocity and water level changes on: a) Ice stability problems - making river crossings and ice fishing safe for the public	Xeneca will post warning signs in areas determined to be susceptible to ice instability as a result of the operation of Wabagishik Rapids GS. Xeneca has committed to limit water level fluctuations and the effects will not be felt beyond the area known as Graveyard Rapids, as it is directly influenced by the existing conditions created by Domtar's Espanola mill.
		b) Downstream recreation - swimming, fishing, canoeing, etc.	Xeneca has committed to maintain water flows and levels that will ensure continued navigability and recreational use as it currently exists.
		c) Water quality degradation from water held in holding pond with solar exposure for hours and/or days,	With respect to water quality and changes to thermal regimes, the proposed operating regime for the facility ensures that all water entering the holding pond area will be released within 24 hours. The short storage period, along with the fact that most storage occurs in the evening hours when solar warming is not a factor, leads to the conclusion that water quality and temperature will not be adversely affected by operation of the Wabagishik GS.
		d) Upstream wastewater effluent discharge - how will that increase water quality problems within the holding pond?	There is no effluent discharge upstream of the Wabagishik Rapids GS. The only effluent discharge is downstream of the project site, below the Domtar dam. There are commitments in place to ensure that the operation of Wabagishik Rapids GS will not affect Domtar's ability to meet its effluent dilution commitments.
		e) Dam failure	Extensive design elements addressing safety have been incorporated into this project. Design projects to the one in 100 year flood. Additional safety elements will be developed through detailed design and before construction.
	26-Oct-11	How would Xeneca protect the stakeholders, public and children who may be downstream of the proposed dam, i.e., camping, boating, fishing, or swimming, from the rapid change in water levels and flow velocity?	Water level fluctuations will be gradual, as changes in operating levels will be ramped over time (up to 60 minutes). The public can participate in further safety planning through the water management planning (WMP) process. Xeneca will continue, through its design and operations phases, to address safety.
Water Levels	Various	These recent dry summers have already had a negative impact on water levels, will this dam bring water levels even lower?	Xeneca has based its modeling of water levels on more than 70 years of records. Periods of drought and low water levels have been assessed. Xeneca's operations ensure that all inflow is released within 24 hours. Based on modeling, the amount of water and water levels within the system will not be affected. Please refer to the hydrology reports.

8-Feb-11	Details of how you plan to generate power throughout several summer months of very low water levels & flow?	Xeneca's Operating Plan clearly outlines how to facility will run during low-flow periods, including provision to revert to strict run-of-river operations to ensure environmental integrity is protected. There may be periods when flows drop below the facility's turbine minimum capacity. This is modeled, and during this period, maintenance and other activities can take place during shut-down.
8-Feb-11	How many times each day will water be held back and then released with modified peaking?	Once per day.
26-Mar-11	Please provide a graph of the daily water fluctuations over the last three years. What will the water fluctuations be after the dam is built? What are the fluctuations from season to season?	Please see the Wabagishik Operating Plan, which provides information on pre- and post-construction water level conditions.
26-Mar-11	We note there is a discrepancy between the river flows quoted in your Wabagishik PD at 47.3 m ³ /s, and the Hatch Acres Report at 35 m ³ /s, so provide a graph of assumed annual river flow on a monthly basis, so we can compare it with our observations, and indicate how this data was derived, since there is apparently no flow measurement site in the vicinity.	value of 47.3 m ³ /s is the Long Term Average Flow (LTAF) at Wabagishik site. It is not clear which Hatch reports are being referenced. The hydrological study for this project was carried out by a professional hydrologist with the proven industry practices and science
26-Mar-11	Will any part of the downstream riverbed ever be allowed to dry while holding water back to fill the head pond?	At no time will operation of this facility result in zero downstream flow. Minimum flows, ranging between 5-6.5 cms, have been agreed to in consultation with regulatory agencies and will be maintained at all times. Xeneca's Operating Plan clearly outlines how to facility will run during low-flow periods, including provision to revert to strict run-of-river operations to ensure environmental integrity is protected. There may be periods when flows drop below the facility's turbine minimum capacity. This is modeled, and during this period, maintenance and other activities can take place during shut-down.
11-Oct-11	What will water levels upstream & downstream be?	Upstream, water levels will follow natural lake levels (at Wabagishik Lake) within +/- 5 centimetres. Xeneca has committed to maintain downstream water levels that are consistent with current navigation and, during spawning seasons, operational commitments are in place that preclude intermittent operation and water level changes.
26-Oct-11	As a result of the dam and headpond, what will the maximum upstream lake level be?	Maximum upstream water fluctuation will be +5 centimetres from natural lake levels.
3-Aug-12	Xeneca must plan for a 1:100 year flood scenario: a) What would be the impact of this dam on Wabagishik Lake water levels and local residents in the case of a 1 in 100 year flood scenario?	Modeling has been conducted to show water level effects post-construction up to and including the 1:100 flood. Modeling has shown that, consistent with Xeneca's operational approach, water levels will follow natural lake levels, even under the 1:100 year flood condition.
3-Aug-12	b) How does Xeneca plan to prevent ice jams and any resulting flooding or damage to local residents' property?	The design of the project allows ice to flow overtop of the weir. For compliance reasons, Xeneca is required to monitor upstream headpond levels. In the unlikely event that an ice jam were to prevent water level through the Wabagishik plant (creating abnormally high water levels), Xeneca would clear the jam immediately.
3-Aug-12	c) If damage to local residences occur – will Xeneca be liable and provide funds to residents to cover the loss?	Xeneca carries liability insurance. If there is damage as a result of Wabagishik operations, compensation/insurance provisions will apply.
3-Aug-12	What are the 2010, 2011 and 2012 actual flow values (by actual flow meter recordings)? How much actual power would have been generated based on these actual flow rates - with current proposed environmental flows in each of 2010, 2011 and 2012?	Xeneca has installed a number of water level loggers in the project area which provide water level information in the river and in Wabagishik Lake. Energy generation and revenue of the project is based on more than 40 years of hydrological data so it is not critical to have the recent years' flow information. The average annual energy generation of the project is 13,875 mWh, based on the historical flow information.
3-Aug-12	Lake Level Fluctuations - At a Public Information Centre, Xeneca stated that, "Most of the time the project will follow natural lake level but there is a possibility for a small (+/- 5 cm) fluctuation in the lake level to occur." What is "most of the time" – please explain why and when there will be an exception?	Xeneca's Operating Plan states that Xeneca will operate to natural lake levels throughout the year.
3-Aug-12	b) Is this +/- 5 cm fluctuation based on mean lake level?	Xeneca's Operating Plan states that Xeneca will operate to natural lake levels +/- 5 centimetres on an ongoing basis.
3-Aug-12	c) Under what circumstances would the lake levels fluctuate + or - 5 cm?	In adjusting to the facility's inflow, water levels may fluctuate slightly (+/- 5 centimetres.)
3-Aug-12	d) Will there ever be any circumstances when the lake water level will fluctuate more than 5 cm in a day, and if so under what circumstances and how often?	Yes. To put 5 to 10 cm in perspective, please note that natural events can cause lake levels to change by more than 5 or 10 cm in a day (eg wind, ice/snow melt, heavy rain events, etc.)

	3-Aug-12	Will the backwater affect exceed the natural high water mark levels?	No.
Socio-Economic			Construction of the facility will create economic opportunities for local businesses, particularly aggregate, trucking, steel, surveying, legal consulting, food, fuel, accommodation and labor. One or two permanent jobs will also be created when the facility becomes operational. Furthermore, Xeneca has met with the Ministry of Finance on more than one occasion to express concern that the municipal portion of the GRC is no longer transferred for any new waterpower project. Xeneca supports the position of most municipalities that the municipal portion of the GRC should be restored and/or increased. Xeneca has urged municipal participation in the lobbying effort. For members of First Nations communities, significant benefits can and will accrue through a partnership opportunity through which Xeneca offers a 50 percent ownership position. The opportunity is funded through Xeneca and a small suite of government incentive programs. Furthermore, Xeneca has developed a partnership with the United Walleye Clubs of Ontario and will be jointly developing a fish hatchery and educational center which is expected to bring people to the area for education experiences. Hatchery programs may also augment local fisheries and as such may assist in drawing recreational anglers and enhance related tourism.
	8-Dec-10	How will these dams improve or benefit our local economy – will any share of the profits go back to the local Community?	The headpond is only about 800 metres in length and follows the natural river channel. There are no private land owners, land use permits or traplines within the headpond area. Snowmobile trails and a bridge transecting the river will not be affected by the headpond. This issue has been addressed with stakeholders through dialogue at public meetings, correspondence and in reports contained within the Class EA Report. With respect to transmission lines, roads and dam site, through public consultation has occurred through public meetings, correspondence, emails and phone calls that are recorded in the stakeholder logs. One of the two options proposed for road access may affect snowmobile trails. Xeneca has committed to ensure that trail users will be notified if and when activity may occur that could potentially disrupt trail access; plans to mitigate impacts have been communicated and plans are included in the Environmental Report. Road and transmission lines are expected to be built within the same corridor. A second road option transects private riparian land owners. This option has been communicated to all stakeholders through public meetings, correspondence and phone calls. To date land owners have refused to reach an agreement on access. If a land agreement can be secured the second option may be exercised and land owners will receive compensation. Roads will provide better access to recreational users such as anglers and hunters, hikers, canoeists etc.
	26-Mar-11	How many people would be affected by the head pond, transmission lines, roads, and dam site?	Aside from significant jobs associated with construction and procurement of equipment, Xeneca expects that one to two permanent jobs will be created in addition to ongoing temporary work associated with maintenance and plant upgrades.
	26-Mar-11	How many and what types of permanent jobs would this proposal provide?	Xeneca acknowledges, supports, and meets or exceeds all regulatory requirements regarding environment and public health and safety. Xeneca's proposal for environmental flows is designed to assure that ecological integrity and social and economic interests are not unduly compromised. Xeneca will work with and arrive at consensus with regulatory agencies to determine the appropriate downstream flow regimes.
	3-Aug-12	How far will Xeneca go to build hydro projects - is maximizing energy output a priority over the environmental, ecological impacts and public health and safety? If not, why is Xeneca offering environmental flows that are way below Q 80 - or 80% exceedance values - which is MNR's recommendation for environmental flows that are adequate to protect riverine ecosystem health?	This is the final Environmental Report, completed at the end of the Environmental Assessment process.
Process	8-Dec-10	Has there been an Environmental Assessment study completed?	Notice of Commencement: Sudbury Star – July 28, 2010; July 31, 2010; August 21, 2010; August 25, 2010 Updated Notice - November 10, 2010 & November 13, 2010 Española Mid-North Monitor - July 28, 2010; August 4, 2010; August 25, 2010; September 10, 2010 Updated Notices - November 10, 2010 & November 17, 2010 Public Information Centres: All PICs were advertised in Sudbury Star & Mid-North Monitor two weeks in advance of the PIC (March 22, 2011; October 20, 2011; July 25, 2012), as well as on the Xeneca website.
	8-Feb-11	List of dates and newspapers in which all Notices were published.	August 4th, 2011
	8-Feb-11	Date Xeneca's Public Communications Plan was published.	

8-Feb-11	Date when the Notice of Completion will be published.	Notice of Completion will be published on the Xeneca website and in the Sudbury Star and Espanola Mid-North Monitor on Thursday, September 26th, 2013. The Notice will advertise the upcoming review period for the final Wabagishik Rapids Environmental Report will run from September 30 to November 1 (at midnight), 2013.
26-Mar-11	Wabagishik Rapids was in the "Not Practical Projects" section of the Hatch Acres Report - "Ontario Waterpower Potential" - what has changed to make it practical now?	FT contracts power-purchase rates are slightly higher than what they used to be, and this has made the project economically viable.
26-Mar-11	Have you provided the government with an upfront bond for the full costs of future decommissioning? The decommissioning costs must not be part of the 40 year (pay as you go) contract since there is no guarantee that Xeneca will be operating for 40 years and decommissioning should not fall to Canadian taxpayers. Would Xeneca place funds in trust for future decommissioning costs for removal of 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.
12-Apr-11	Please explain how the Gross Revenue Charges works?	Hydro-electric generating station owners and water power leaseholders are required to pay taxes and charges calculated on their hydro-electric generating station's gross revenue. These taxes and charges under section 92.1 of the Electricity Act, 1998 (Act) are known as the Gross Revenue Charge (GRC). For more information, please visit http://www.fin.gov.on.ca/en/tax/grc/
26-Oct-11	Has Xeneca worked out a Water Management Plan and Agreement with Domtar and Vale yet?	Xeneca is in the final stages of achieving a Memorandum of Understanding with Vale and, pending the outcome of an informational review, Xeneca is moving forward with an agreement with Domtar. Water Management Planning agreements occur after the Class EA process.
3-Aug-12	Has Xeneca entered into any financial agreement with any members of the Vermilion Stakeholders Advisory Committee, or Laurentian University, for any studies, or offered any funding for bursaries, courses, or programs?	At this time there has only been discussion, but no agreements are in place. Any such agreements would be open, transparent and scrutinized by the university for compliance with all regulatory processes and guidelines. Partnerships between universities and other entities including the private sector are common and actually assist in developing knowledge about environmental impacts of human activities. Research opportunities are actively being sought, but, as noted above, any such agreements would be under the oversight of regulating authorities and open to public scrutiny. At this juncture Xeneca has not contemplated funding for bursaries, courses or programs.
3-Aug-12	Has Xeneca received an extension on the FIT contract? If so, what are the additional requirements/conditions that must be met?	Xeneca has applied for and received an extension on its commissioning date for the Wabagishik GS. Requirements/conditions can be found on the OPA website.
8-Feb-11	Details of how you will protect our endangered species and species at risk	Protection of Species at Risk is outlined in the final ER, including within the natural environment report, the fish habitat compensation plan and the biological monitoring report. Species at Risk for which protection measures are addressed include lake sturgeon, Blanding's turtle, common snapping turtle, whip-poor-will, common nighthawk, eastern wood-pewee, brown myotis, and northern myotis. Lake sturgeon are primarily protected through fish habitat compensation. Turtle overwintering habitat located downstream of the facility is protected through operational restrictions. Species at Risk birds and bats are protected through timing restrictions on vegetation clearing and restoration of habitats in temporary work areas. The details of the protection of Species at Risk will be further developed during permits and approvals.
	What provisions will you make to protect our endangered species and Species at Risk - Bald Eagle, Elk, Lake Sturgeon, Whip-poor-will, Chimney Swift, Common Nighthawk, Olive-sided Flycatcher, Bobolink, Canada Warbler, Massasauga Rattlesnake, Milk Snake, Snapping Turtle, Wood Turtle, Blanding's Turtle & Monarch Butterfly?	For any Species at Risk listed under the provincial Endangered Species Act (ESA) that is present near the facility and is likely to be impacted, Xeneca is obligated to enter into a long term agreement with the Ministry of Natural Resources (MNR) as to how the facility will be operated to minimize impact to the species. In addition, a permit to construct under the ESA will be required before the project can proceed. Xeneca is working with the local office of the MNR to determine specific requirements at this time. Species at Risk and species of conservation concern that are of relevance to the project include: Canada warbler, bald eagle, whip-poor-will, common nighthawk, eastern wood-pewee, Blanding's turtle, common snapping turtle, eastern milksnake, lake sturgeon, brown myotis, and northern myotis.

26-Mar-11	With respect to reptile surveys, no observations were made of the Woods Turtle which is found in other areas of the upper Vermillion River and is classified as Endangered.	It has been determined, in consultation with MNR, that the possibility of finding wood turtle at this site is limited as this is outside of their immediate known range and the appropriate habitat is not present.
26-Oct-11	Is Xeneca aware that last year a Lake Sturgeon was caught at Graveyard Rapids?	Yes, Xeneca is aware of this and considers lake sturgeon to be present in the Vermillion River downstream of Wabagishik Rapids.
31-Jan-12	Here are the SARIO species that are known to occur in this watershed (they can be classified as per the SARIO list as to endangered, threatened or of special concern). Please advise why there are so many SARIO species missing from Xeneca's list of species at risk? Please detail over which seasons and years your surveys and studies were conducted for the Wabagishik Rapids proposal? Bald Eagle - Missing from your list Whip-poor-will - Missing Chimney Swift - Missing Common Nighthawk - Missing Olive-sided flycatcher - Missing Bobolink Canada warbler Snapping turtle Blanding's turtle Wood turtle Lake Sturgeon - Missing (Lower reaches of the Vermillion at Graveyard Rapids) Monarch butterfly - Missing Milk Snake Massasauga Rattler	Xeneca's lists contain Species at Risk (SAR) that were observed in the field, not all those that could occur because the area is within their range or because MNR has some history of them in the area. Only those species at risk that were observed were listed. Xeneca also identifies SAR that are known from the area and assesses suitable habitat for these species. The findings are then discussed in the EA under the Significant Wildlife Habitat technical guidelines provided by MNR. MNR administers the provincial Endangered Species Act and provides direction as to the nature and extent of required studies. Therefore, in a proactive manner, NRSI met with MNR in September of 2010 to discuss an approach to species at risk in and around the Wabagishik project area. At that time, MNR expressed a need to consider Blandings' Turtle and Whip-poor-will along proposed transmission routes. All species from the SARO list that were identified through the background review and field studies are addressed in the natural environment report by NRSI. Several of the species you list were not determined to be present in the project area. Others were potentially present in the vicinity but habitat was not suitable. Of those that are either confirmed present or potentially present, some will be subject to impacts and others will not. Those that are confirmed or potentially present include: Canada warbler, bald eagle, whip-poor-will, common nighthawk, eastern wood-pewee, Blanding's turtle, common snapping turtle, eastern milksnake, lake sturgeon, brown myotis, and northern myotis.
1-Mar-12	As you know, Lake Sturgeon only spawn once in every 5 to 7 years, so checking for them in only one or two years, let alone just 10 days, is not adequate. VRS is requesting continued Lake Sturgeon surveys be performed from the base of the proposed dam, right out to the confluence of the Vermillion and Spanish Rivers. The zone of influence, flow velocity, water levels, water quantity and quality will be severely affected in this downstream stretch of the river and it is imperative that Xeneca thoroughly search for any potential lake sturgeon population. VRS has had anecdotal reports of Lake Sturgeon being present within Graveyard Rapids, and protection measures must be initiated if they are present.	Fisheries assessments, including sturgeon, have been undertaken throughout the zone of influence. Commitments for monitoring, as well as future sturgeon studies, can be found in the Post-Operational Habitat and Compensation Plans. Baseline water quality studies have been completed. Ongoing monitoring will assess for changes in water quality. Initial modeling results indicate only a short duration of water quality changes. Please see Monitoring Plan, Water Quality Assessment and Habitat Assessment and Effects Reports.
3-Aug-12	Fish Mitigation Measures: a) Will Xeneca be compensating for or mitigating endangered species and habitat destruction?	Yes, Xeneca is doing mitigation and habitat compensation for lake sturgeon due to the presence of spawning habitat. Mitigation is also in place for Blanding's turtle overwintering habitat. Whip-poor-will may require habitat restoration in temporary work areas, depending on MNR requirements through permits and approvals.
3-Aug-12	c) How will fish populations be protected and maintained?	Fish populations are being protected and maintained by restricting operations to run-of-the-river during spring spawning periods for northern pike, walleye and lake sturgeon. In addition, fish habitat compensation will be constructed to replace lost walleye and lake sturgeon spawning habitat. The downstream fish populations will also be monitored.
26-Mar-11	Do you plan to use a modified peaking operation at Wabagishik Rapids?	Yes, Xeneca is planning to operate the Wabagishik GS as a modified run-of-river project.
26-Mar-11	Will the residual flow be a minimum of 2/3 of the total flow – as per 4.3.3 of the 1977 LIRA guidelines?	Xeneca has negotiated environmental flows with the agencies. The downstream environmental flow will not be less than 5 m ³ /s at any time. For more details please see the Operation Plan.
26-Mar-11	Under a modified peaking operation, will the residual or compensatory flow be the only consistent flow throughout each operating day?	There will be two types of modified peaking operation. The first type will have at least the minimum turbine flow during the night time, and more flow during the day. The second type will have only a minimum environmental flow between 5-8 m ³ /s during the night and a maximum of 25 m ³ /s during the day.
26-Mar-11	Under a modified peaking operation, will the river ever be left to flow freely, and if so, when, and for how long?	There will be no flow alteration during spawning, which is an ecologically sensitive time (mainly spring freshet.) Also, when the natural flow in the river is extremely low, the plant will not be operated and the river will flow naturally.

26-Mar-11	You indicate Wabagishik Proposed Dam will generate a total Installed Capacity (IC) of 3.4 MW, while the Hatch Acres Report estimates 1.85 – why the discrepancy?	The Hatch estimate was an early projection based on desktop analysis for initial site release applications. Subsequent investigation showed increased generation potential and the subsequent FIT contract application for a larger facility was based on more complete information and modelling. Plant size is designed based on the optimization exercise. The bigger the plant's installed capacity, the bigger the revenue and project construction cost. As is standard practice in development, Xeneca design optimizes project economics with the understanding that, as information becomes available, plant economics and size may change.
26-Mar-11	In section 2.12 of the Wabagishik PD, we note that the available head is listed at 6.1m, and actually less than that listed for the same site in the Hatch Acres Report at 6.5m, so how was this number established? Does it include the additional head introduced by the dam/weir?	Project head is determined by the dam height. In this case, Xeneca has committed to follow the natural lake levels for Lake Wabagishik so there will be a variable head for this project, which will depend on the natural flow in the river system. This number does not include the additional head introduced by the dam/weir.
26-Mar-11	What "Cumulative Effects" would 4 dams have on the Vermillion River, its connecting lakes, and the ecosystem?	This ER only assesses Wabagishik Rapids GS, the other three projects are not being considered in this report, and cumulative effects will be considered in the EAs for those projects should they move forward under the Class EA process.
26-Oct-11	Would Xeneca use a "modified run-of-river" operating strategy at Wabagishik Rapids?	Yes, Xeneca plans to use a modified run-of-river operation at the Wabagishik Rapids GS.
26-Oct-11	Would this lake coupled dam design require a bypass area?	No, the design for this site is a close-coupled design which does not contain a water conveyance channel in the traditional sense. Water is directed into and out of the turbine entirely within the dam/weir structure. Please see related documents/drawings in the project design in Annex II
26-Oct-11	What compensatory bypass flow would Xeneca provide?	There is no bypass in the Wabagishik design as currently contemplated. However, variable downstream ecological flow will be provided at 5 CMS if agreement with Dometar can be achieved, or at 6.5 CMS without an agreement in place.
26-Oct-11	How much actual power would this new dam design generate – not Installed Capacity, but expected actual power to be generated?	The average annual energy output is estimated at approximately 14,190 megawatt-hours (please see ER Section 3.3.1). However, actual annual energy output will vary significantly from year to year depending on precipitation and climatic factors. The energy output would also vary by season, with the highest production rate occurring during spring run-off.
26-Oct-11	How many people would the hydro generated from this dam service?	According to various references (including typical Canadian household electrical usage), this hydro plant could power an average of about 20,000 homes.
26-Oct-11	Please provide details of your operating strategy throughout low flow and drought conditions? Would Xeneca continue to hold water back even in the lowest flow periods?	The project is proposed as a modified run-of-river project. When the plant is not generating power, environmental flows will be released to protect the ecosystem in the downstream river reach. In case of extreme drought, which causes severe environmental stress in the downstream river, Xeneca has committed that the Wabagishik Rapids project will be operated as a run-of-river plant throughout any extreme drought period. An agreement with Dometar is being sought. Through the agreement, specific details on the triggering of run of river will be developed. The agreement will be in place prior to permitting and approvals.
2-Jan-00	During "Summer Low Flow" conditions, would Xeneca allow free and full river flow to help prevent undue stress on the riverine ecosystem – from early August, right through to the upward inflection of the hydrograph, usually occurring in mid to late-October?	When the natural flow in the river is less than 5m ³ /s, the GS will not be operated.
26-Oct-11	During intermittent operation: a. What Environmental Flow would Xeneca provide at the proposed Wabagishik Rapids GS – in each season?	Xeneca has negotiated to the following monthly environmental flows with regulatory agencies: During spring, minimum of 19 m ³ /s, during summer 5 m ³ /s, October 5 m ³ /s, November 6.5 m ³ /s, December 8 m ³ /s, January 8 m ³ /s, February 6.5 m ³ /s and March 6.5 m ³ /s.
26-Oct-11	b. Would Xeneca provide a minimum flow of 2/3 of normal flow, as per LRIA guidelines?	Xeneca has negotiated environmental flows with the agencies. The downstream environmental flow will not be less than 5 m ³ /s at any time. For more details please see the Operation Plan.
26-Oct-11	c. Would Xeneca use peaking operations more than once a day when flow conditions warrant? If so, how many times a day? Maximum number?	There will only be one peaking cycle in any given day.
26-Oct-11	d. What will the increase in volume of flow be between the minimum environmental flow, and the flow provided by full power generation at maximum turbine speed?	Maximum flow variation will be 20 m ³ /s when the plant is operated in intermittent operating mode.

26-Oct-11	e. What will your turbine ramp speed and timing be – the time to take a turbine from a stopped position to full operating speed?	It will be one hour.	
26-Oct-11	f. How far downstream would the effects of Xeneca's operating strategy impact the riverine ecosystem – the expected variable flow reach?	The downstream zone of influence is the Domtar headpond, which is at the Spanish River confluence.	
26-Oct-11	g. How would Xeneca protect the natural river habitat and aquatic life from the daily fluctuations in water levels, and flow rates?	As described in the final Environmental Report (ER), operating parameters have been developed to protect the river habitat and aquatic life. Operations are restricted to run-of-the-river during spring the spring-spawning for northern pike, walleye and lake sturgeon. Minimum flows are in place, and a maximum flow has been established for intermittent operations, both of which serve to restrict the degree of variation in river flows. There are also water level compliance commitments for Wabagishik Lake upstream and the bay below Wabagishik Rapids downstream. Refer to the final ER documentation for additional details.	
26-Oct-11	h. What will the pulsing effect of daily and/or frequent peaking have on the downstream and upstream river ecosystem?	Regarding the upstream ecology, very limited impact is anticipated to result from operations. Regarding downstream river ecology, the primary effect on the downstream aquatic habitat will be a change in the benthic invertebrate community, which will in turn change the characteristics of the food web. This effect is considered a necessary and acceptable impact, subject to monitoring of benthic invertebrate and fish communities. Fish habitat compensation will also take place downstream of the proposed generating station, resulting in changes to the downstream habitat that are intended to be positive for the river ecology. The compensation habitat will be monitored and action taken as necessary to ensure its success. Riparian and shoreline vegetation downstream may also be subject to change, and it too will be monitored. The monitoring will provide a means to observe the nature and extent of these effects. Additional mitigation measures may be necessary if the effects are found to be too severe. The monitoring and adaptive management process will involve the regulatory agencies, particularly the Ontario Ministry of Natural Resources (MNR) and Fisheries and Oceans Canada (DFO) for ecosystem matters. Refer to the Final ER for additional details in the natural environment report and the preliminary biological monitoring plan.	
26-Oct-11	j. What are the maximum number of hours Xeneca would hold water back in the holding pond?	The total natural volume of water will be released from the headpond in any given day.	
26-Oct-11	o. Would Xeneca run the Wabagishik GS in an operating strategy which is timed and coordinated with the three dams proposed on the Upper Vermilion River, at McPherson, Cascade and At Soo Crossing?	The Upper Vermilion projects are too far apart to synchronize operations.	
26-Oct-11	Would Xeneca provide low flow turbines to accommodate these low flow conditions?	Xeneca will be using Kaplan turbines, which adapt to a wide range of flows. In addition, Xeneca has agreed to minimum seasonal flows which are intended to ensure that the river will never run dry as a result of dam operations.	
26-Oct-11	What are the anticipated cumulative effects of this proposed Wabagishik dam, considering the additional stress caused by the 3 proposed Upper Vermilion dams, 9 upstream waste water treatment facilities, numerous lift stations, sewage lagoons, the Stobie Dam, Lorne Falls Hydroelectric Dam, and the Domtar Mill on the Vermilion River, Spanish River, and ultimately the Great Lakes?	The proposed Wabagishik GS is being assessed solely on its development in the context of existing conditions including those from other existing operations on the river system. Should Xeneca proceed with other projects on the Upper Vermilion, those cumulative effects will be assessed at that time.	
26-Oct-11	What provisions have Xeneca made for Climate Change, which scientists agree will include an increase in extreme weather events, including extreme drought and flooding conditions?	The effects of the environment on the project were evaluated and included in this Environmental Report. Events such as flooding, extreme winter and summer conditions, lightning strikes, accidental fires, earthquakes and climate change were considered.	
3-Aug-12	Headpond - "The headpond created at the weir could extend into Wabagishik Lake." a) Under what circumstances could the headpond extend into Wabagishik Lake?	The project headpond will be connected to Wabagishik Lake, but as noted, the headpond level will follow natural lake levels depending on the natural flow in the river system.	
3-Aug-12	b) How often could the lake be used as a headpond?	Wabagishik Lake will be within natural lake levels within +/- 5 centimetres when the Wabagishik GS is operated in modified run-of-river mode.	
3-Aug-12	c) Could the headpond ever go dry?	No. In extreme low-flow conditions, the GS will not be operated. The natural flow will be spilled from the spillway or bypass valve in the powerhouse.	
3-Aug-12	d) How quickly could water levels change below the dam?	There is a one-hour ramp up and ramp down timeframe for this facility, so there will never be a large or sudden change in water levels.	
3-Aug-12	e) Could fish ever be stranded in pools when water levels drop?	With ramping rates of one hour, fish stranding is not expected. Xeneca has committed to monitoring and mitigation for fish stranding.	
3-Aug-12	g) Is a bottom-draw dam being considered to help alleviate warming of water in headpond?	Wabagishik GS is a low-head dam. The intake of the project will be on the lower part of the headpond, which will help to alleviate warming of water in the headpond.	

3-Aug-12	What are the maximum numbers of hours water will be held back from the downstream flow in order to fill the headpond? Will this maximum number of hours detail be stipulated in the final operating strategy and Water Management Plan (WMP)?	At no time will flow in the river be cut off downstream. Ecological flows will be provided at all times. Operating plans are such that all water will be passed within 24 hours. The maximum number of hours that water is stipulated in the Operating Plan (i.e., 24 hours).
3-Aug-12	j) How can we be assured of compliance to the WMP?	Xeneca will operate under a licence that will be based on the commitments made in the ER, under provisions during permitting and approvals, and the regulatory standards of the Province of Ontario.
3-Aug-12	Is this current proposed operation still a "lake coupled" design?	Yes, the lake is hydraulically coupled to Wabagishik Lake. As noted in this final ER and the draft ER, Xeneca will operate in order that natural lake levels are followed throughout the year. The effect of operations will involve very minor changes to lake levels. The range of plus or minus 5 centimeters is well within the range of natural and existing conditions. To put this into perspective, boat wakes and even wind set up can create fluctuations that exceed what Xeneca has proposed.
3-Aug-12	Flow Variation: a) What will be the minimum flow increase upon start-up of the turbine – in cubic meters per second? b) What will the flow variation increase be from the environmental flow to full turbine speed – in cms? c) How has Xeneca accounted for climate change in assessing viability of these proposals – with the predicted increasing drought conditions and resulting lower flows? d) Will Xeneca use a low-head turbine for these low flow conditions?	a) The turbine will go from 5 m ³ /s to 19 m ³ /s. b) It will be 5-25 m ³ /s. c) Climate change has not been incorporated. d) Xeneca will likely select Kaplan turbines, which are a variable range turbine.
3-Aug-12	Please provide details of the mechanical/engineered design/means for providing environmental flow to the downstream?	Most likely, environmental flow will be provided through the bypass valve in the powerhouse. This will be finalized in the project detailed design phase.
3-Aug-12	Zone of Influence: a) In kilometers, what would the total zone of influence be for this proposal? b) Could the zone of influence be felt as far as Espanola?	Although Lake Wabagishik is considered part of the zone of influence, since the project will follow the natural lake levels at Wabagishik Lake, there will be very little environmental effect on the Lake Wabagishik. The critical zone of influence for the project is from the Lake Wabagishik outlet to the Spanish River confluence, which is about 5.8 km. The downstream zone of influence of the project is the Donitar Headpond, which comes all the way to Graveyard Rapids, but doesn't reach Espanola.
3-Aug-12	Based on a PIC Panel titled "Typical Monthly Operations, Flow & Water Level Charts" (July 25/12): a) Are these typical flow numbers based on real flow data reports from the Lorne Falls Dam? b) What years of flow data does this panel represent? c) Will this operating strategy be binding? If so how will this be enforced and who will be monitoring? d) Will Xeneca ever deviate from this operating strategy - if so, under what circumstances, and how often? e) Could water levels vary daily to the same extent as they vary monthly, seasonally, or annually?	a) There was a Water Survey of Canada (WSC) gauge at Lorne Falls until the mid-1990s. The typical monthly average flows are based on these flow records. b) The panel is based on the average monthly flows from approximately 40 years of historical data. c) Operations as laid out in the Operations Plan are binding, but the document will not be finalized after all permits and approvals for the project are attained. d) No Xeneca will never deviate from the final operation strategy. e) Daily water level fluctuations in the headpond and Wabagishik Lake is +/- 5 centimetres, whereas they can fluctuate over 1 metre naturally on a seasonal basis.
3-Aug-12	Would these proposals be economically feasible or viable with Q80, or 80% exceedance flows, as MNR recommends?	The environmental flows have been negotiated with MNR and other agencies, and are laid out in the Operating Plan.
26-Mar-11	When do you plan to notify and negotiate private property land use with riparian owners affected by your proposed transmission lines, dams and roads?	Consultation has been ongoing and completed throughout the EA process. Consultation has occurred through Public Information Centres, notices, written correspondence, website updates, etc.
26-Mar-11	What are your plans for compensating property owners for any damage caused by dam failure; or loss of property values caused by loss of water flow or water quality?	Xeneca carries comprehensive insurance to cover losses that may result from unanticipated operational effects. While it is expected any loss would be exceptionally rare, if loss is incurred as a result of Xeneca's operations, compensation would be paid through insurance and/or through revenues generated by the facility. Through its consultation, Xeneca has engaged with all property owners who may be affected by these projects.
26-Mar-11	How do you plan to protect stakeholders' who draw their drinking water from the Vermilion, or whose wells are dependent upon clean and consistent water flow?	The Wabagishik project will not produce effects upstream of the project location as no properties are within the inundation area. There may be some effects on the immediate downstream river reach during construction. Downstream property owners have been contacted and advised. Notifications of pending construction will be issued to all stakeholders, and, if construction related water quality issues can be expected, Xeneca will cover the cost of providing potable water during that period. Xeneca and its consultants have not identified any drinking water concerns nor have any affected stakeholders or government agencies raised this issue for post construction operation.

	25-Oct-11	Would Xeneca compensate lake dwellers for any property damage or loss incurred because of dam construction, failure, operating strategies, water levels, ice, or other conditions created as a direct result of your dam and its operating strategy?	Xeneca carries comprehensive insurance to cover losses that may result from unanticipated operational effects. While it is expected any loss would be exceptionally rare, if loss is incurred as a result of Xeneca's operations, compensation would be paid through insurance and/or through revenues generated by the facility. Through its consultation, Xeneca has engaged with all property owners who may be affected by these projects. Any necessary agreements with landowners will be reached prior to the conclusion of permitting and approvals.
Applicant of Record	26-Mar-11	Why have you not submitted your Applicant of Record to receive your Site Release for these four projects? When do you plan to do this?	Applicant of Record has not been awarded for this projects. The MNR Site Release process is not yet aligned with the MOE/OWA Class Environmental Assessment process, the Ontario Power Authority's (OPA) Feed in Tariff (FIT) program, or provisions of the Green Energy Act.
	26-Mar-11	Has Xeneca received Site Release on this proposal? If not, why?	Site release is part of the Ministry of Natural Resources' approval process that is regulated under LRIA. Site release is therefore not a required part of the Class Environmental Assessment process related to waterpower development. The Class EA precedes the Approvals and Permits required under the LRIA. Site Release will be required in order to secure land tenure on Crown Land. At this time, Xeneca does not have Site Release for this site.
Water Quality	3-Aug-12	Many residents rely on Wabagishik Lake and the Vermilion River for their drinking water and other household needs – how will Xeneca's operating strategy affect water quality?	Water quality is not expected to be affected. Water quality studies have already been undertaken to establish baseline conditions and studies will be conducted through construction, post-construction and operating periods to ensure water quality is maintained.
	3-Aug-12	Potential Impacts: What are the potential impacts from the pulsing of extreme changes in river flow velocity and water levels on water quality, and quantity?	In general, the only effect that pulsing can have on water quality is sedimentation and erosion. As described, the geomorphology study indicates that sedimentation and erosion are no significant concerns for this river system. The total natural volume of water will be released from the headpond in any given day, so where will be no effects on water quantity in the downstream river system.
Dam Design	3-Aug-12	On the Timeline – Next Steps panel at July 25/12 PIC, Xeneca indicated conceptual drawings were to be completed in 2011: a) Are they now complete? b) If so, why were they not available for us to see at this PIC?	Response sent Jan 10/13: Yes, conceptual drawings were presented at the final PIC held July 25 in Espanola. The PIC panels are available on the Xeneca website. More detailed design is completed through permitting and approvals processes, artist renderings and further detail on design will be made available.
Erosion/Sedimentation	3-Aug-12	Since the Vermilion River Watershed has been the drain for over 100 years of mining in the Sudbury area, will Xeneca study the contents of the silt in the bottom of Wabagishik Lake to determine what contaminants will be stirred up with the constant pulsing action of your hydroelectric dam operations?	Xeneca operations will not disturb the sediments in the bottom of Wabagishik Lake, and will therefore not be conducting studies.
	9-Aug-12	Concerned over what is contained in the silt and sediment in the bottom of Wabagishik Lake, and what will be stirred up with the constant pulsing action resulting from modified run-of-river operations.	Given that Wabagishik lake fluctuates over a meter between seasons and Xeneca's operating plan follows lake levels within 5 to 10 cm, no new disturbance of sediments is expected. Commitments can be found in the Operating plan.
	9-Aug-12	Formal request for Xeneca to do a full metals and chemical testing of the sediment in the bottom of Wabagishik Lake, as well as just downstream of the discharge area. VRS requests that you hire an independent consultant that is not associated with the Vermilion Stakeholders Advisory Committee.	Xeneca has committed to a rigorous water quality and fish tissue testing plan with the Ministry of Environment. A copy of the water monitoring plan can be found in the ER. Given there will be no disturbance of sediment in Wabagishik Lake, testing of those sediments is not required.
	8-Dec-10	Please provide more information about erosion of habitat and river banks.	There is a completely independent report on sedimentation and erosion for this project. Please refer to Annex I of the ER.
Methylmercury	3-Aug-12	What are baseline mercury levels in fish tissue, and what is the projected rise in fish tissue levels within the next 5 to 10 years from your operation?	Present levels of methyl mercury in fish tissue are between 182 - 495 nanograms/gram (wet weight) for large fish, and 5.2 - 14 for foraged fish nanograms/gram (wet weight.) This is documented in the Hutchinson Baseline Water Quality and Fish Tissue Mercury Report, June 2013 in Annex IV. The potential for increased methyl mercury is low. A monitoring program is in place to measure post-operational impacts. Please see monitoring report contained within the ER.

Aboriginal Consultation	7-Aug-13	<p>In Archaeology panel from July 25/12 PIC, Xeneca indicates that one archaeological site was discovered on the north side of the rapids. At the PIC a staff member indicated that native artifacts were found at this site. Has Xeneca reported this find to Whitefish River First Nation, Atikameksheng First Nation and Wahnapitae First Nation?</p>	<p>Xeneca's archaeology program, study methods and results have been provided to Aboriginal Communities and are included in this Environmental Report. On September 16, 2010, Xeneca issued correspondence to Communities to raise awareness of the upcoming archaeology work, Stage I and reporting and field study and invited Communities to participate. Stage I reports were mailed out to the communities on May 11, 2011. Woodland Heritage conducted Stage II field assessments in 2011 and Xeneca voluntarily invited all First Nations Communities to participate as observers on the field study and, furthermore, offered financial support to participate. At that time, Communities did not express an interest to participate.</p> <p>Following the Stage II field work and discovery of an archaeological site, Woodland Heritage has prepared a Stage II report and has submitted the report for mandatory review by the Ministry of Tourism, Culture and Sport. These reports have been approved and circulated to the Communities to participate in field work and/or as observers with Xeneca extended an invitation to the Communities to participate in field work and/or as observers with Woodland Heritage. The Stage II study, reporting and associated Aboriginal consultation are mandatory and fall under the policy and guidelines of the Ministry of Tourism, Culture and Sport. The Construction Management Plan includes an archaeological protocol to protect the site.</p> <p>On April 24, 2013, Xeneca met with First Nations in Whitefish River First Nation to address a number of issues and concerns brought forward from a third party peer review of the Wabagishik Draft Environmental Report and associated studies. The archaeological site (Belmers) was a main discussion point and an Avoidance Plan was prepared and presented by Woodland Heritage Services to the First Nations. The plan specifies for a fenced off area surrounding the site that will prevent machinery and personnel from entering into the areas during construction. First Nation representatives will be invited to the site at 4 intervals of the construction (beginning, 1/4 completion, 3/4 completion and completion) to monitor the efficacy of the protection measures and make any adjustments.</p>	<p>Response Oct 2/11: Yes, all First Nation communities were invited to participate in the Stage 3 field work this year.</p> <p>This site is not downstream of the proposed dam/weir location, and therefore will not be affected by the proposed headpond inundation and dam/weir construction. Xeneca will take extra precaution and additional mitigation measures to prevent erosion of the site.</p>
	7-Aug-13	<p>In this same panel, it states "Stage 3 work is scheduled at this archaeological site for summer/fall of 2012".</p> <p>a) Has Xeneca invited Whitefish River FN, Atikameksheng First Nations and Wahnapitae First Nations to participate in this work?</p> <p>b) Would this site be affected by the proposed inundation area or dam/weir construction?</p>	<p>Xeneca's efforts to meet with all communities are among the highest of priority. Xeneca understands and respects the First Nation's discretion and priorities of the Aboriginal communities. Xeneca's goal is to establish a solid relationship with the Aboriginal communities so that the communities have a sound understanding of the project and benefits, but equally important, Xeneca will understand and appreciate the values and culture of the community.</p> <p>Xeneca has met with Atikameksheng Anishnawbek on 2 occasions, January 22, 2013 at Atikameksheng Anishnawbek and in a joint meeting with other First Nations on April 24th 2013 in Whitefish River First Nation. Another meeting is planned to meet Chief and Council in September 2013.</p> <p>Xeneca has met with Whitefish River First Nation on October 18, 2012, April 24, 2013 in Whitefish River First Nation. As part of the community's protocol on resource development, a field visit involving the Waterkeepers and Elders was organized and conducted on June 20th, 2013 at the Wabagishik Project site.</p> <p>Through email correspondence and discussions with Chief Ted Roque, Xeneca understands that the Wabagishik project is outside the territorial interest of the Wahnapitae First Nation. Xeneca will continue to provide information and project updates to Wahnapitae First Nation until the Community instructs Xeneca to discontinue.</p>	
	7-Aug-13	<p>In "Aboriginal Engagement" panel from July 25/12 PIC, Xeneca indicates 1 meeting with Atikameksheng Anishnawbek First Nation (Whitefish Lake), and no meetings with Whitefish River First Nation or Wahnapitae First Nation. This is disturbing as the Vermilion River, and therefore Wabagishik Rapids, is contained within their traditional territories. So, why has Xeneca not made a greater effort to consult with these First Nations when it clearly has a duty to consult?</p>		

Wabageshik Stakeholder Group 2 - Domtar

Theme	Date	Comment	Response
Operations	2-Sep-11	We have a 17 MW hydroelectric within a 1000 tonne per day Kraft pulp mill, located downstream of the proposed projects, so are interested in the impact on our ability to produce hydroelectric power and impact on river assimilative capacity.	Xeneca has provided hydraulic (Hec-Ras) reports as well as detailed modelling that clearly show the extent of the Domtar headpond and the effects of Xeneca's operation on the Domtar headpond. Xeneca has committed to operational constraints that ensure Domtar's headpond can assimilate flows and will not create a situation in which they must spill water. All water discharged into the Domtar headpond will be within the Domtar headpond operating band. During low flow periods, Xeneca has committed to reduce or eliminate intermittent operation in order to assist Domtar in meeting downstream effluent and ecological commitments. Xeneca has set out commitments in a draft Domtar mitigation letter, which is still under review by Domtar. Operational constraint information can be found in the Operating Plan. Furthermore, Xeneca has committed to monitoring flows at the confluence of the Vermilion and Spanish Rivers as well as inflow above the facility in order to avoid inflow impacts to Domtar as a result of unanticipated release of water by operators upstream on the Spanish River. Details are in the Monitoring Report. As noted in Section 6.4.2 of the ER, negative impacts on Domtar are not anticipated as a result of the operation of the Wabageshik Rapids GS, but Xeneca nonetheless commits to indemnifying Domtar if their interests are harmed by Xeneca's operation. Xeneca is working towards reaching a final MOU in agreement with Domtar, which will further confirm this commitment.
	30-May-12	Concern about river water flows affecting effluent treatment	Please see above
	30-May-12	Concern about operation of the mill's hydrogeneration plant	Please see above
	19-Dec-12	Xeneca has only discussed impact on our forebay level, but it is Domtar who manages the forebay level according to whatever flow rates are received, not the upstream facilities.	Please see above
	19-Dec-12	Xeneca discusses 24 hour average river flow, however Domtar is gravely concerned with instantaneous river flows.	Please see above

Wabagishik Stakeholder Group - Vale

Theme	Date	Comment	Response
Fish	16-Mar-12	What studies has Xeneca completed or has in progress/planned?	Xeneca has undertaken a thorough study of the project zone of influence including aquatic and terrestrial biological assessments, water quality, hydrology, hydraulics, bathymetry, sedimentation and erosion and temperature. Studies have been scoped by regulatory agencies and are included in the ER. Xeneca also plans to do monitoring.
Water Levels	21-Mar-11	What will Xeneca's low water protocols on the Vermillion River be?	During drought periods Xeneca has committed to run of river operation in order to negate any operational effects.
	11-Apr-11	What will the normal operating levels be? Vale will not accept a development at Wabagishik Rapids that will raise the elevation of Lake Wabagishik at the Vale plant tail water over the full range of anticipated flows.	Xeneca engineers have worked closely with Vale's Al Gereghty on this issue. Vale has provided Xeneca with bathymetry survey information around the Lorne Falls GS tailrace area. Xeneca has committed to maintaining water levels that follow natural lake levels. A water level logger will also be installed in the tailrace area of the Lorne GS. Xeneca and Vale are in the final stages of signing an agreement letter. A commitment letter was drafted with input from Vale, and a final version was sent to them on June 27, 2013, but formal agreement has not been signed yet. This agreement letter outlines Wabagishik GS operational constraints that will avoid impacts to Vale's Lorne Falls operation.
	25-Jul-12	Concern regarding the operating level of Wabagishik GS (205 metres) and that it would reduce the head at Vale's Lorne Falls dam.	Xeneca engineers have worked closely with Vale's Al Gereghty on this issue. Vale has provided Xeneca with bathymetry survey information around the Lorne Falls GS Tailrace area. Xeneca has committed to maintaining water levels that follow natural lake levels. A water level logger will also be installed in the tailrace area of the Lorne GS. Xeneca and Vale are in the final stages of signing an agreement letter. A commitment letter was drafted with input from Vale, and a final version was sent to them on June 27, 2013, but formal agreement has not been signed yet. This agreement letter outlines Wabagishik GS operational constraints that will avoid impacts to Vale's Lorne Falls operation.
Dam Design	11-Apr-11	Concerned that the stage-discharge characteristics of the new spillways should closely model the existing natural stage-discharge curve	The spillway capacity of the Wabagishik project is designed to be larger than the natural capacity of the Wabagishik Lake outlet. In other words, in the design process Xeneca will make sure the spillway capacity of the project will be big enough so that the flow from the Wabagishik Lake will not be restricted, especially in the extreme flood and high flow conditions. When discharge in the river is above the maximum turbine capacity (64 m3/s), the excess flow automatically goes over the spillway and the facility would be operating as run-of-river (i.e. it won't/can't hold back flow).
	11-Apr-11	Will require assurance that the flow capacity of proposed spillway will be sufficient to pass the Inflow Design Flood (as defined in Draft CDA Guidelines) without flooding the powerhouse operating floor level of the Lorne Falls plant.	Wabagishik GS will follow natural lake levels +/-5cm, so there will be no effects in the tailrace area of Vale's Lorne Falls plant.
Operations	11-Apr-11	You should clearly state the operating bandwidth for modified peaking. We are concerned about changes to our tail water elevations on a daily cycle.	See response above
Water Management Planning	16-Mar-12	Can you provide details on the draft "Spanish Vermillion Water Management Plan"?	Xeneca has presented the Water Management Planning (WMP) process at its public meetings and will work with other member of the Spanish/Vermillion WMP which, at present, is still in draft form.

Notices

FIT CONTRACTS

At Soo Crossing - FIT Contract # F-000639-WAT-130-301 – MNR Site #2CF11

Cascade Falls - FIT Contract # F-000640-WAT-130-301 – MNR Site #2CF09

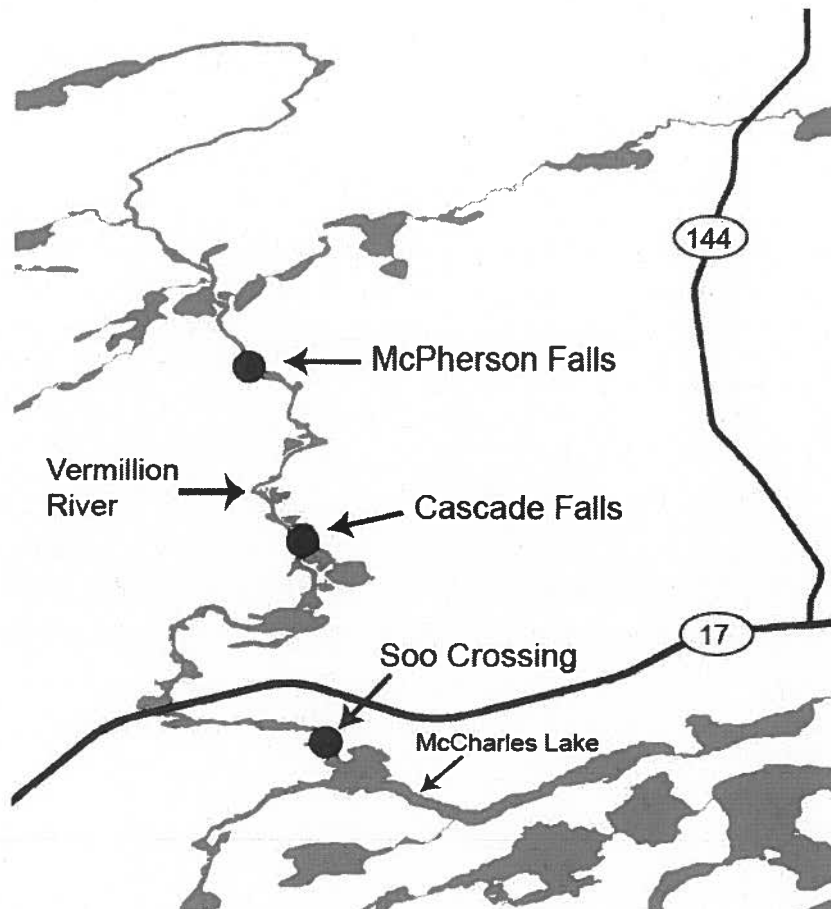
McPherson Falls - FIT Contract #F-000642-WAT-130-301 –MNR Site #2CF46, 2CF47

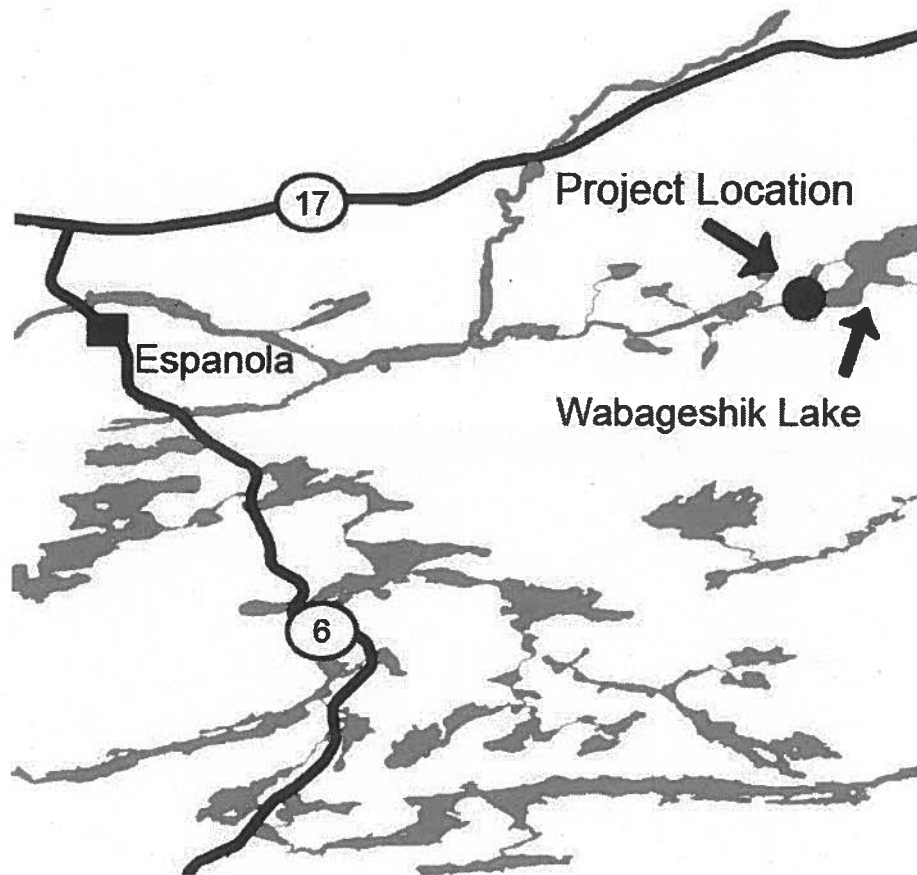
Wabageshik Rapids - FIT Contract # F-000645-WAT-130-301 – MNR Site #2CF12

Proposed Vermillion River Waterpower Development Sites – Project Overviews

Xeneca Power Development Inc. (Xeneca) has received 19 FIT contracts from OPA which represent a potential waterpower development of 72.5 MW of clean renewable power for the Province of Ontario.

Three FIT contracts have been received for potential development on the Vermillion River. The four (4) proposed Generating Stations are McPherson Falls, Cascade Falls, At Soo Crossing and Wabageshik Rapids, located on the Vermillion River west of the City of Greater Sudbury (see key maps).





Project Overviews

The proposed waterpower generating stations will generate clean, green, renewable energy at a total installed capacity of about 11.8 MW. The At Soo Crossing station will have water control structures (spillway and earthfill dams) and powerhouse with penstock. The Cascade Falls and McPherson Falls stations will have water control structures (spillway dam) and powerhouse with an open approach channel. The Wabageshik station will have water control structures (earthfill stoplog control dam) and powerhouse with a discharge channel. New roads and upgrades of existing roads will be required to access the sites. Transmission lines connecting at Larchwood and/or Espanola TS will be installed in order to connect the stations to the provincial power grid.

Our Projects are subject to the provisions of the Ontario Waterpower Association's "Class Environmental Assessment (Class EA) for Waterpower Projects"(2008). Pursuant to the Class EA, these projects are considered to be associated with a managed waterway. The Class EA process requires Xeneca Power Development Inc. to undertake an evaluation of the proposed waterpower projects to determine potential effects to the environment (positive and negative) during construction and operation and prepare an Environmental Report. The projects may also require review and approval under the Canadian Environmental Assessment Act and post-EA approvals are also needed from Regulatory Agencies.

To date, Xeneca has prepared detailed topographic mapping for the Vermillion River at the proposed sites and initiated a variety of environmental field studies to collect existing baseline data on the aquatic and terrestrial features in the area. Preliminary site development concepts of the proposed generating stations are in preparation and will be refined following the collection of additional environmental and engineering field data this summer.

The following provides a summary of the key aspects of each of the proposed waterpower generating stations based on the planning and conceptual design work completed to date. This information is subject to update pending the results of further on-site data collection, environmental reviews, and preliminary design.

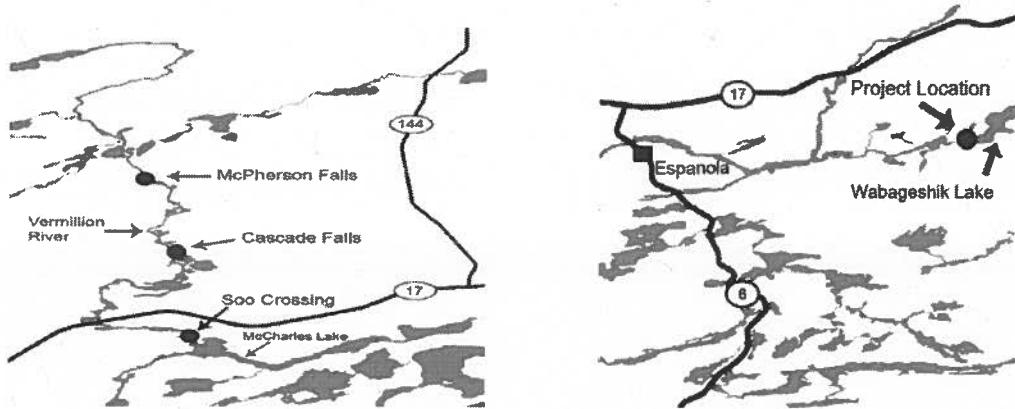
Site Name:	At Soo Crossing
Location: Lat/Long	Lat: N 46°23'41.78" / Long W 81°16'50.60"W
Watercourse Identification:	Existing rapids/falls on Vermillion River ± 70 m upstream of existing railway bridge, ± 2.6 km downstream of Highway 17
Proposed Generating Station Facilities:	Concrete spillway dam and fill embankments Penstock and powerhouse Transformer station ± 1.5 km new access road to existing Hwy 55
Proposed Transmission Facilities:	4.4 km 44 kV Transmission Line from 46.39598, -81.28248 to 46.546839, -81.265803
Anticipated Zone of Influence:	Head pond inundation extending ± 4.5 km along the Vermillion River upstream of the proposed dam (1:100-yr flood levels to be determined) Inundated lands are Crown land and Private land. No major river tributaries affected by inundation.
Operating Regime:	Run-of-River
Potential Environmental Considerations:	Fish species, habitat and migration Terrestrial vegetation and habitat Riparian rights (Crown and Private Land) First Nations/Aboriginal traditional land/resource use Recreational use and navigation
Proposed Project Phasing:	Environment Assessment and Approvals: 2010 – 2011 Detailed Design: 2011 – 2012 Construction: 2013 – 2014 In-service Date: 2015

Site Name:	Cascade Falls
Location: Lat/Long	Lat: N 46°26'8.80" / Long W 81°17'10.02"
Watercourse Identification:	Existing rapids/falls on Vermillion River ± 400 m downstream of hydro corridor, ± 4.4 km upstream of Highway 17
Proposed Generating Station Facilities:	Concrete spillway dam Intake channel and Powerhouse Transformer station New access roads to existing local road
Proposed Transmission Facilities:	4.4 km 44 kV Transmission Line from 46.43637, -81.28755 to 46.546839, -81.265803
Anticipated Zone of Influence:	Head pond inundation extending along the Vermillion River ± 3.5 km upstream of the proposed dam (1:100-yr flood levels to be determined) Inundated lands are Crown land and Private land. No major river tributaries affected by inundation.
Operating Regime:	Run-of-River
Potential Environmental Considerations:	Fish species, habitat and migration Terrestrial vegetation and habitat Riparian rights (Crown Land and Private Land) First Nations/Aboriginal traditional land/resource use Recreational use and navigation Commercial operations and tourism
Proposed Project Phasing:	Environment Assessment and Approvals: 2010 – 2011 Detailed Design: 2011 – 2012 Construction: 2013 – 2014 In-service Date: 2015

Site Name:	McPherson Falls
Location: Lat/Long	Lat: N 46°28'15.79"/ Long W 81°17'40.98"
Watercourse Identification:	Existing rapids/falls on Vermillion River ± 8 km upstream of Highway 17
Proposed Generating Station Facilities:	Concrete spillway dam Intake channel and Powerhouse Transformer station ± 3.5 km new access road to existing local road
Proposed Transmission Facilities:	4.4 km 44 kV Transmission Line from 46.47102, -81.2946 to 46.546839, -81.265803
Anticipated Zone of Influence:	Head pond inundation extending along the Vermillion River ± 100 m upstream of the proposed dam (1:100-yr flood levels to be determined) Inundated lands are Crown land. No major river tributaries affected by inundation.
Operating Regime:	Run-of-River
Potential Environmental Considerations:	Fish species, habitat and migration Terrestrial vegetation and habitat Riparian rights (Crown Land) First Nations/Aboriginal traditional land/resource use Recreational use and navigation Commercial operations and tourism
Proposed Project Phasing:	Environment Assessment and Approvals: 2010 – 2011 Detailed Design: 2011 – 2012 Construction: 2013 – 2014 In-service Date: 2015

Site Name:	Wabageshik Rapids
Location: Lat/Long	Lat: N 46°16'8.94" / Long W 81°37'27.19"
Watercourse Identification:	Existing rapids/falls on Vermillion River approximately ± 400 m downstream of existing local road, approximately ± 600 m downstream of Wabageshik Lake
Proposed Generating Station Facilities:	Concrete spillway dam Powerhouse Transformer station ± 500 m new access road to existing local road
Proposed Transmission Facilities:	16 km 44 kV Transmission Line from 46.26925, -81.627228 to 46.263321, -81.773308
Anticipated Zone of Influence:	Head pond inundation extending along the Vermillion River ± 600 m upstream of proposed dam to Wabageshik Lake (1:100-yr flood levels to be determined) Inundated lands along Vermillion River are Crown land. No major river tributaries affected by inundation. Extent of inundation (if any) to Wabageshik Lake to be determined
Operating Regime:	Run-of-River with possible modified peaking subject to confirmation
Potential Environmental Considerations:	Fish species, habitat and migration Terrestrial vegetation and habitat Riparian rights (Crown Land) First Nations/Aboriginal traditional land/resource use Recreational use and navigation Commercial operations and tourism
Proposed Project Phasing:	Environment Assessment and Approvals: 2010 – 2011 Detailed Design: 2011 – 2012 Construction: 2013 – 2014 In-service Date: 2015

Notice of Commencement Waterpower under the Class EA for Waterpower Projects Vermillion River Waterpower Projects



Xeneca Power Development Inc. is commencing an environmental evaluation and assessment on four proposed Generating Stations located on the Vermillion River, in the Greater Sudbury area. The proposed waterpower generating stations will generate clean, green, renewable energy at a total installed capacity of about 11.8 MW. The At Soo Crossing station will have water control structures (spillway and earthfill dams) and powerhouse with penstock. The Cascade Falls and McPherson Falls stations will have water control structures (spillway dam) and powerhouse with an open approach channel. The Wabageshik station will have water control structures (earthfull stoplog control dam) and powerhouse with a discharge channel. New roads and upgrades of existing roads will be required to access the sites. Transmission lines connecting at Larchwood and/or Espanola TS will be installed in order to connect the stations to the provincial power grid.

The projects are subject to the provisions of the Ontario Waterpower Association's "Class Environmental Assessment (Class EA) for Waterpower Projects" (2008). Pursuant to the Class EA, the projects are considered to be on a managed waterway. The Class EA process requires Xeneca Power Development Inc. to undertake an evaluation of the proposed waterpower projects to determine their potential effects to the environment (positive and negative) during its construction and operation and prepare a detailed Environmental Report. The projects may also require review and approval under the Canadian Environmental Assessment Act. Further project information can be obtained by visiting the Xeneca website at www.xeneca.com

This notice and the public consultation process for the projects under the Class EA, is intended to coordinate and meet the notification requirements relevant to the planning stage of the project under the above statutes. Notification of public meetings to be held in regard to the project will be posted within the next 6-8 months. Public consultation will be an integral component of this process. You are invited to provide comments on the issues to be addressed, and/or to ask to be placed on the project's mailing list.

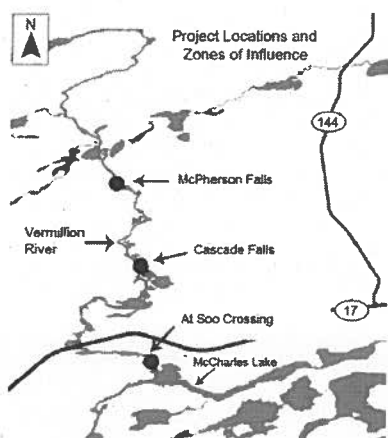
Please contact:

Vanessa Enskaitis
Public Affairs Liaison
Xeneca Power Development Inc.
T: 416-590-9362 X 104
E: venskaitis@xeneca.com



5160 Yonge St., Suite 520, Toronto, ON M2N 6L9
tel 416-590-9362 fax 416-590-9955 www.xeneca.com

**Avis modifié de mise en marche pour les projets d'énergie hydraulique
aux termes de la catégorie EA
Projets d'énergie hydraulique de la rivière Vermillion**



Xeneca Power Development Inc. envisage d'entreprendre une analyse et une évaluation environnementales pour quatre centrales d'énergie hydraulique proposées sur la Rivière Vermillion, dans la grande région de Sudbury. Les centrales d'énergie hydraulique proposées produiront de l'énergie propre, écologique et renouvelable, selon une capacité installée d'environ 11,8 MW. Le poste de la traverse Soo sera doté de structures de contrôle de l'eau (barrage déversoir et barrage en terre) et d'une centrale avec conduite forcée. Les postes des chutes Cascade et McPherson seront dotés de structures de contrôle de l'eau (barrage déversoir) et d'une centrale avec chenal d'entrée ouvert. Le poste de Wabageshik sera doté d'une structure de contrôle de l'eau (barrage à poutrelles) et d'une centrale avec chenal d'écoulement. De nouvelles routes et une amélioration des routes actuelles seront nécessaires pour accéder aux chantiers. Des lignes de transport d'énergie branchée sur le TS de Larchwood et/ou Espanola seront installées pour relier les centrales au réseau électrique provincial. Les zones des projets à l'étude sont indiquées sur la carte ci-jointe. Pour obtenir de plus amples renseignements, prière de visiter le site Web de Xeneca au www.xeneca.com.

La construction devrait avoir lieu en 2012 et 2013.

Les projets sont soumis aux dispositions de « l'évaluation environnementale par catégorie (catégorie EA) pour les projets d'énergie hydraulique » de l'Ontario Waterpower Association (2008). Conformément à la catégorie EA, ces projets sont considérés comme étant effectués sur une voie d'eau gérée.

Le processus de la catégorie EA exige que Xeneca Power Development Inc. procède à une évaluation des projets d'énergie hydraulique proposés afin d'évaluer les conséquences potentielles sur l'environnement (positives et négatives) durant leur construction et leur exploitation, et de fournir un Rapport détaillé sur l'environnement. Les projets peuvent également être analysés et approuvés conformément à la *Loi canadienne sur l'évaluation environnementale*, la *Loi sur les pêches*, la *Loi sur la protection des eaux navigables*, la *Loi sur l'aménagement des lacs et des rivières (plan de gestion de l'eau et approbation de l'emplacement)*, la *Loi sur les espèces en voie de disparition*, la *Loi sur les ressources en eau de l'Ontario*, la *Loi sur la protection de l'environnement*, et d'autres lois. Cet avis et le processus de consultation publique concernant les projets en vertu de la catégorie EA ont pour objet de coordonner et de respecter les exigences sur la notification se rattachant à l'étape de planification des projets conformément aux textes législatifs susmentionnés.

L'évaluation et le rapport sur l'environnement permettront de déterminer les conséquences de la construction et de l'exploitation. Xeneca Power Development Inc. a identifié certains éléments environnementaux sur lesquels devraient être axés les projets proposés. Une consultation publique fera partie intégrale de ce processus.

Pour de plus amples renseignements sur les projets, nous faire part de vos préoccupations ou vous inscrire sur la liste d'envoi, veuillez contacter :

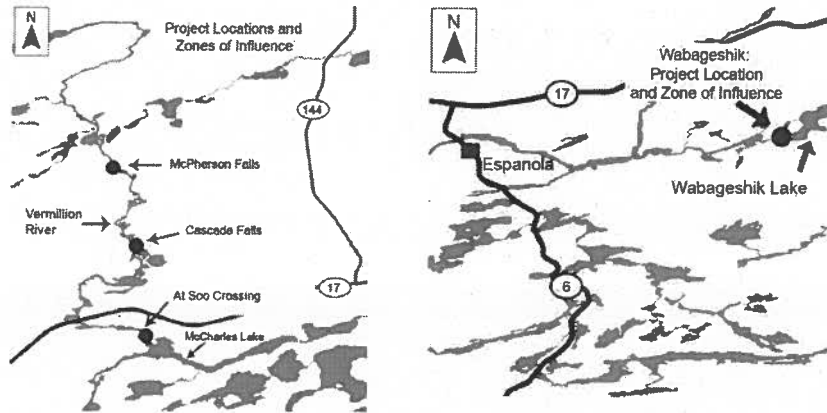
Vanessa Enskaitis
Coordonnatrice des affaires publiques
Xeneca Power Development Inc.
Tél. : 416-590-9362, poste 104
Téléc. : 416-590-9955
Courriel : venskaitis@xeneca.com

En vertu de la *Loi sur l'accès à l'information et la protection de la vie privée* et de la *Loi sur l'évaluation environnementale*, à moins d'indications contraires dans la soumission, tous les renseignements personnels tels que le nom, l'adresse, le numéro de téléphone et l'endroit de la propriété indiqués dans une soumission feront partie des registres publics à cet égard, et seront divulgués à quiconque en fait la demande.



5160 Yonge St., Suite 520, Toronto, ON M2N 6L9
tel 416-590-9362 fax 416-590-9955 www.xeneca.com

**Updated Notice of Commencement under the Class EA for Waterpower Projects
Vermillion River Waterpower Projects**



Xeneca Power Development Inc. is planning to undertake an environmental evaluation and assessment of four proposed Generating Stations located on the Vermillion River, in the Greater Sudbury area. If approved and constructed, these waterpower projects will generate clean, green, renewable energy at a total installed capacity of about 11.8 MW. The At Soo Crossing Generating Station will have water control structures (spillway and earthfill dams) and powerhouse with penstock. The Cascade Falls and McPherson Falls Generating Stations will have water control structures (spillway dams) and powerhouses with open approach channels. The Wabageshik Generating Station will have water control structures (earthfill and control dams) and powerhouse with a discharge channel. New roads and upgrades of existing roads will be required to access the sites. Transmission lines connecting at Larchwood and/or Espanola Transformer Stations will be installed in order to connect the stations to the provincial power grid. The project study areas are presented in the attached maps. Further project information can be obtained by visiting the Xeneca website at www.xeneca.com.

Construction is expected to take place between 2012 and 2013.

The projects are subject to the provisions of the Ontario Waterpower Association's "Class Environmental Assessment (Class EA) for Waterpower Projects" (2008). Pursuant to the Class EA, the projects are considered to be on a managed waterway.

The Class EA process requires Xeneca Power Development Inc. to undertake an evaluation of the proposed waterpower projects to evaluate their potential effects to the environment (positive and negative) and prepare a detailed Environmental Report. The projects are also expected to require review and approval under the *Canadian Environmental Assessment Act*, *Fisheries Act*, *Navigable Waters Protection Act*, *Lakes and Rivers Improvement Act* (location approval and water management plan), *Endangered Species Act*, *Ontario Water Resources Act*, *Environmental Protection Act* and other legislation. This notice and the public consultation process for the projects under the Class EA, is intended to coordinate and meet the notification requirements relevant to the planning stage of the projects under these statutes.

The evaluation and environmental report will assess the potential effects of the construction and operation.

Xeneca Power Development Inc. has identified certain environmental components that are expected to be the focus of the proposed project. Public consultation will be an integral component of this process.

For information on the project proposal, to raise any issues or concerns, or to be placed on the mailing list, please contact:

Vanessa Enskaitis
Public Affairs Liaison
Xeneca Power Development Inc.
T: 416-590-9362 X 104
F: 416-590-9955
E: venskaitis@xeneca.com

Under the *Freedom of Information and Protection of Privacy Act* and the *Environmental Assessment Act*, unless otherwise stated in the submission, any personal information such as name, address, telephone number and property location included in a submission will become part of the public record files for this matter and will be released, if requested, to any person.



5160 Yonge St., Suite 520, Toronto, ON M2N 6L9
tel 416-590-9362 fax 416-590-9955 www.xeneca.com

Stephanie Hodsoil

From: Stephanie Hodsoil
Sent: Tuesday, February 15, 2011 3:51 PM
To: Stephanie Hodsoil
Subject: Xeneca website update

Categories: Logged, Public

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 Hodsoil
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

Public Information Centres and Meetings

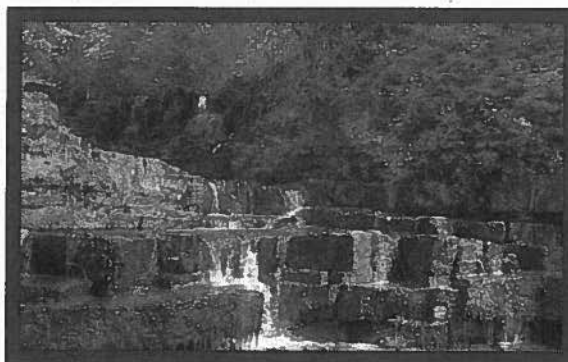
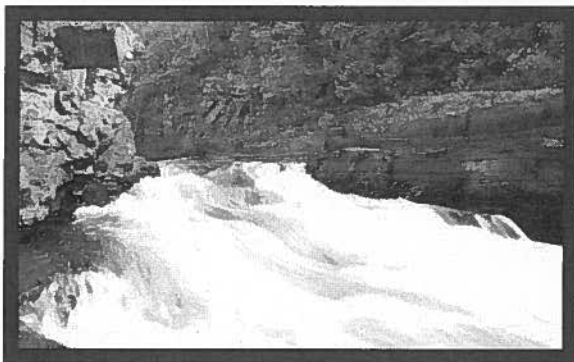


Company Information:

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

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

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



Xeneca Power Development Inc.
5160 Yonge Street, Suite 520
Toronto, Ontario
M2N 6L9
Phone: 416-590-9362
Toll Free: 1-888-590-9362
Fax: 416-590-9955
Email: Venskaitis@xeneca.com

www.xeneca.com



Project Team:



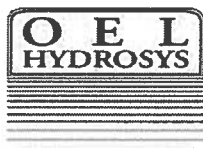
Hatch – Oakville/Niagara Falls; provides a complete range of services for the assessment, planning, implementation and operation of waterpower projects.



Woodland Heritage – Sault St. Marie; Archaeological Investigation.



KBM Forestry Consultants – Thunder Bay; Individual and Industry Stakeholder Consultation, Water Management Planning.



OEL-HydroSys is dedicated to the provision of environmental assessment planning, engineering and project management services to the waterpower and hydraulic structures industry.



NATURAL RESOURCE SOLUTIONS INC.
Aquatic, Terrestrial and Wetland Biologists

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



ORMG
Ontario Resource Management Group Inc.

ORMG provides our private, business and 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 and 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 and the 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 and 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 and 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 and the tailrace.

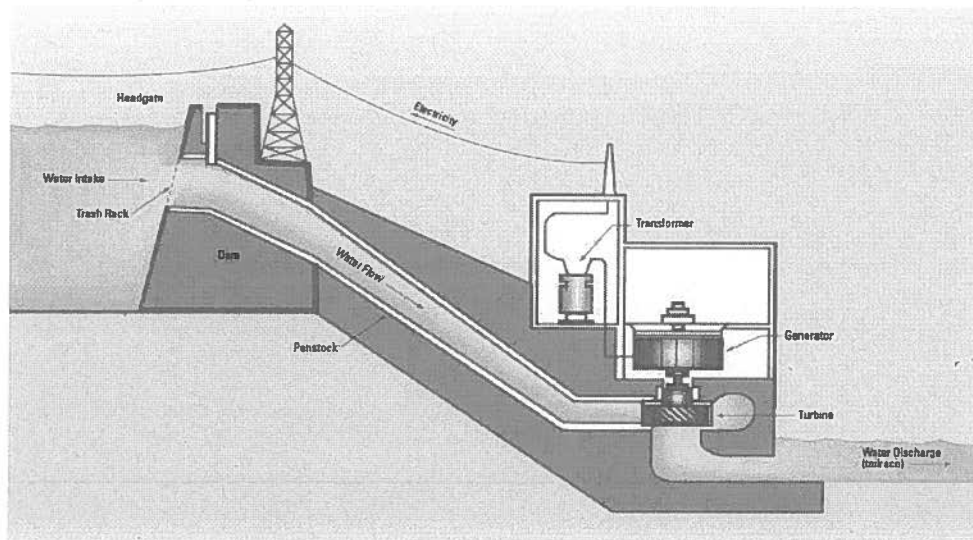


Photo Courtesy of Ontario Power Generation

Electricity is generated by the following process: water flows into the intake and 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 and back into the river system.

The turbine and 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 and 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 and 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 and 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, and transportation issues.

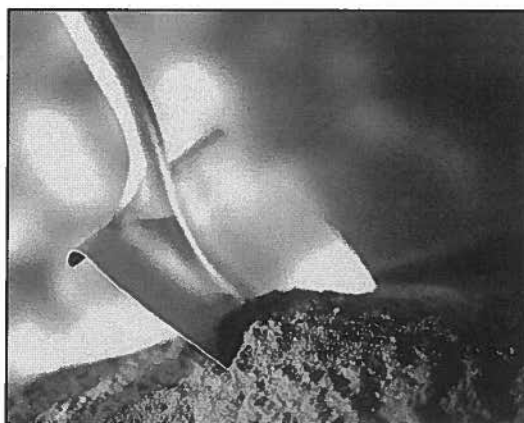
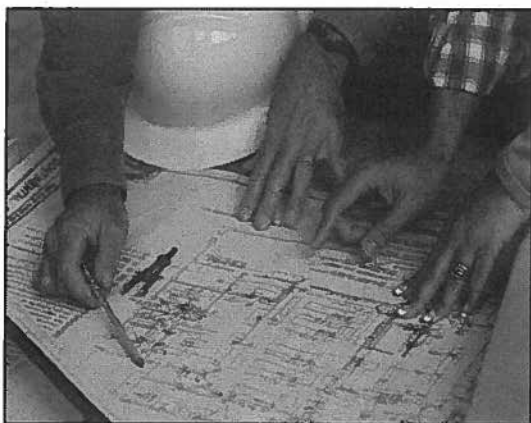
Local contribution - significant contribution to local tax base revenue, monies will be spent locally during construction on goods, services, and labour to the extent practicable.

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

Long Term Benefits of Waterpower

Waterpower is an "engine of employment"

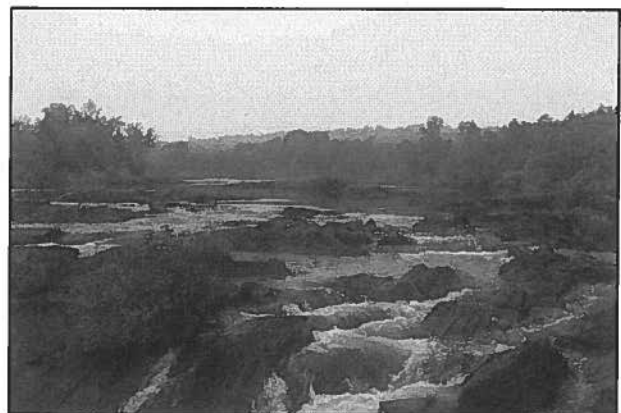
- Studies by Navigant Consulting for National Hydropower Association confirm observations made by Ontario Waterpower Association that a revitalized waterpower industry will, conservatively, create 30,000 well paying, permanent jobs.
- Direct Employment is estimated to be 10 000 person hours per MW of development and 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 and 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.

Class EA Process

- The Ontario Waterpower Association's 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 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 and address your concerns in the draft Class EA document to be produced in 2011. 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.

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 identified communities, and
- acknowledges and 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



Next Steps

ID	Task Name	2010				2011				2012				2013				2014				2015	
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2
1	Conduct Environmental Field Studies																						
2	Complete Conceptual Designs																						
3	Start Class EA																						
4	Complete Final Designs																						
5	Submit Draft Class EA for Review																						
6	Issue Final Class EA																						
7	Initiate Post EA Env. Approvals																						
8	Site Prep																						
9	Construction																						
10	Project Commissioning																						
11	Project Operational																						

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

WEBSITE

Please visit the Xeneca website at www.xeneca.com for copies of the information presented today, regular project updates, notices and further opportunities to provide input.

We encourage you to fill in a comment sheet and leave your email address at the sign in table so we can contact you when new information or progress reports are available.

Thank You!

Your interest in the project and comments are greatly appreciated.

Email Xeneca's Public Affairs Liaison:

Vanessa Enskaitis: Venskaitis@Xeneca.com

www.xeneca.com

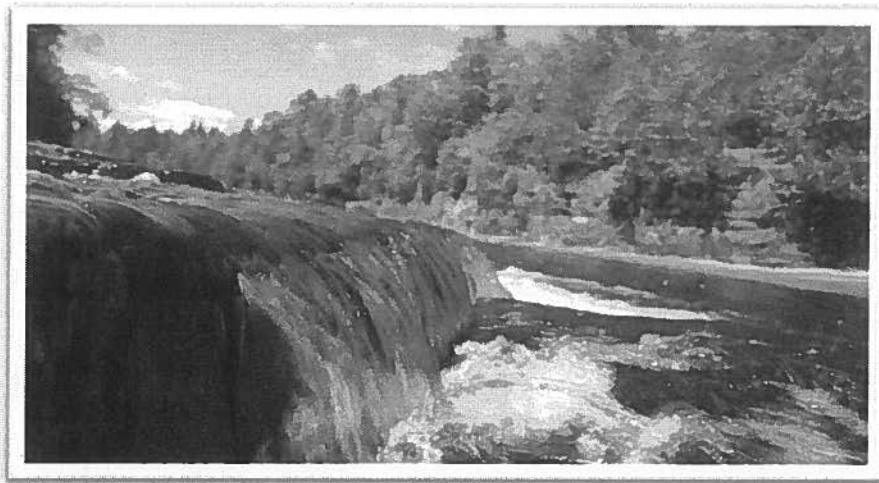


Introduction

Xeneca Power Development Inc. is proposing to develop a new waterpower generating station on the Vermilion River; the proposed project is known as Wabagishik Rapids.

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 and approvals process
- Provide an opportunity to discuss the project with Xeneca representatives

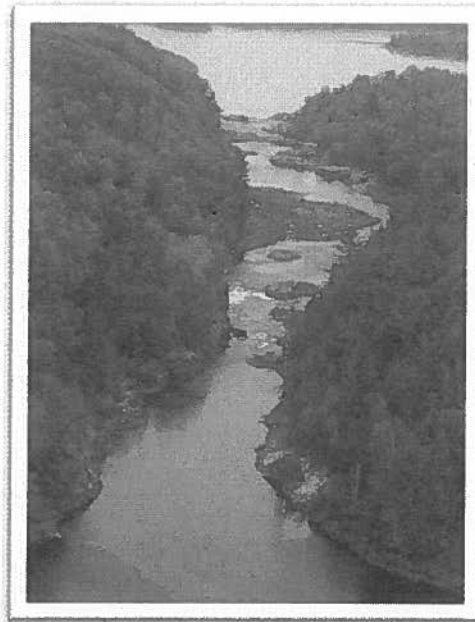
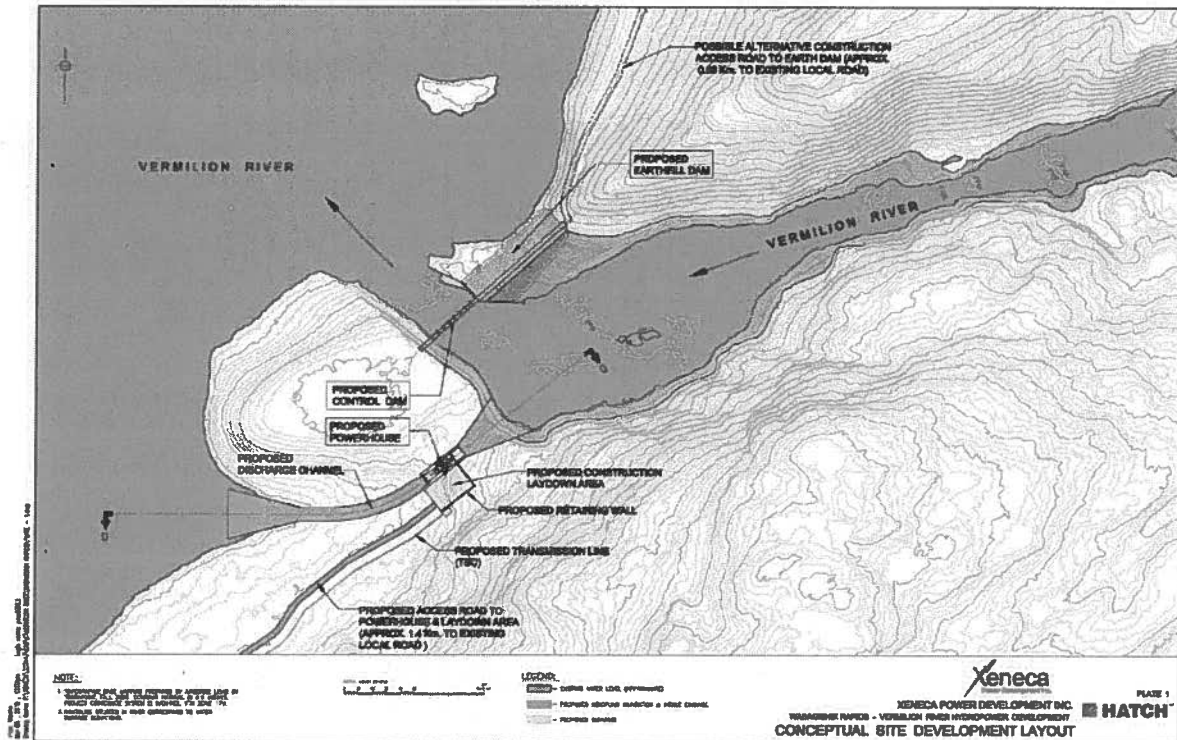


We value your comments and input. Please fill out a comment card and leave it with us or mail it to the address provided.

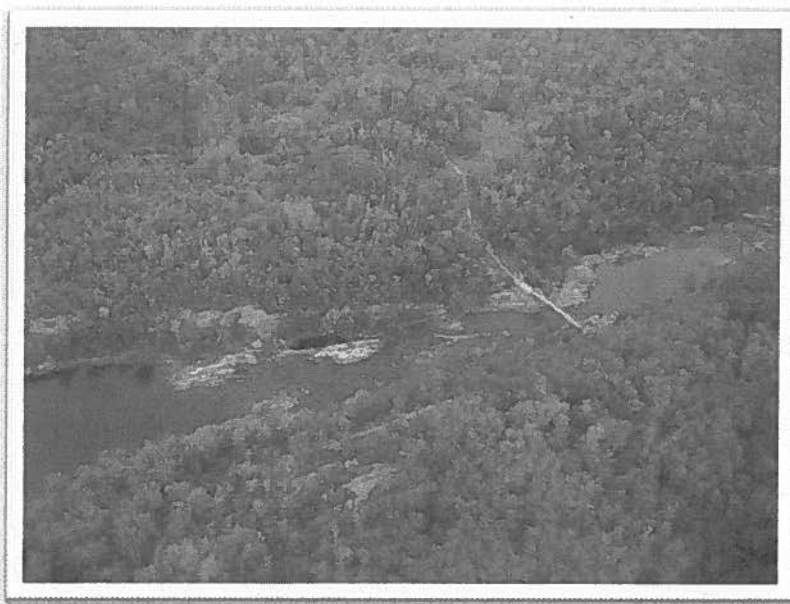
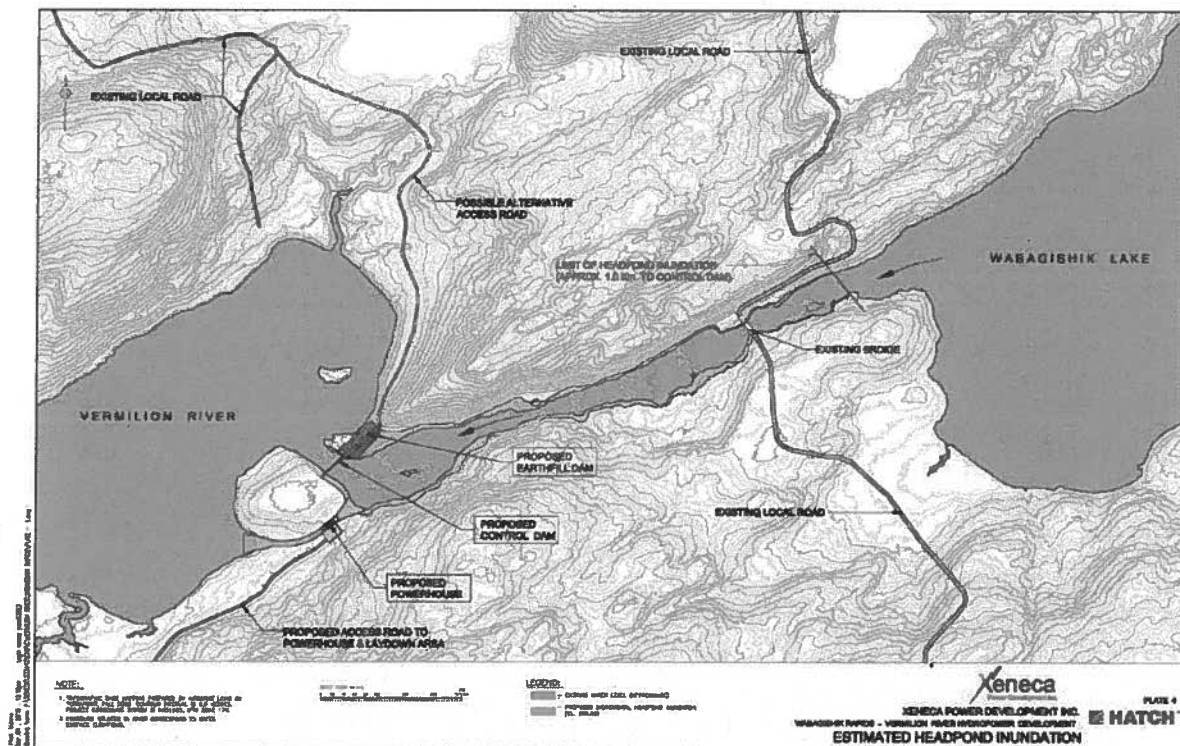
Copies of the panels from this Public Information Center as well as current project information can be found on the Xeneca website at:

www.xeneca.com

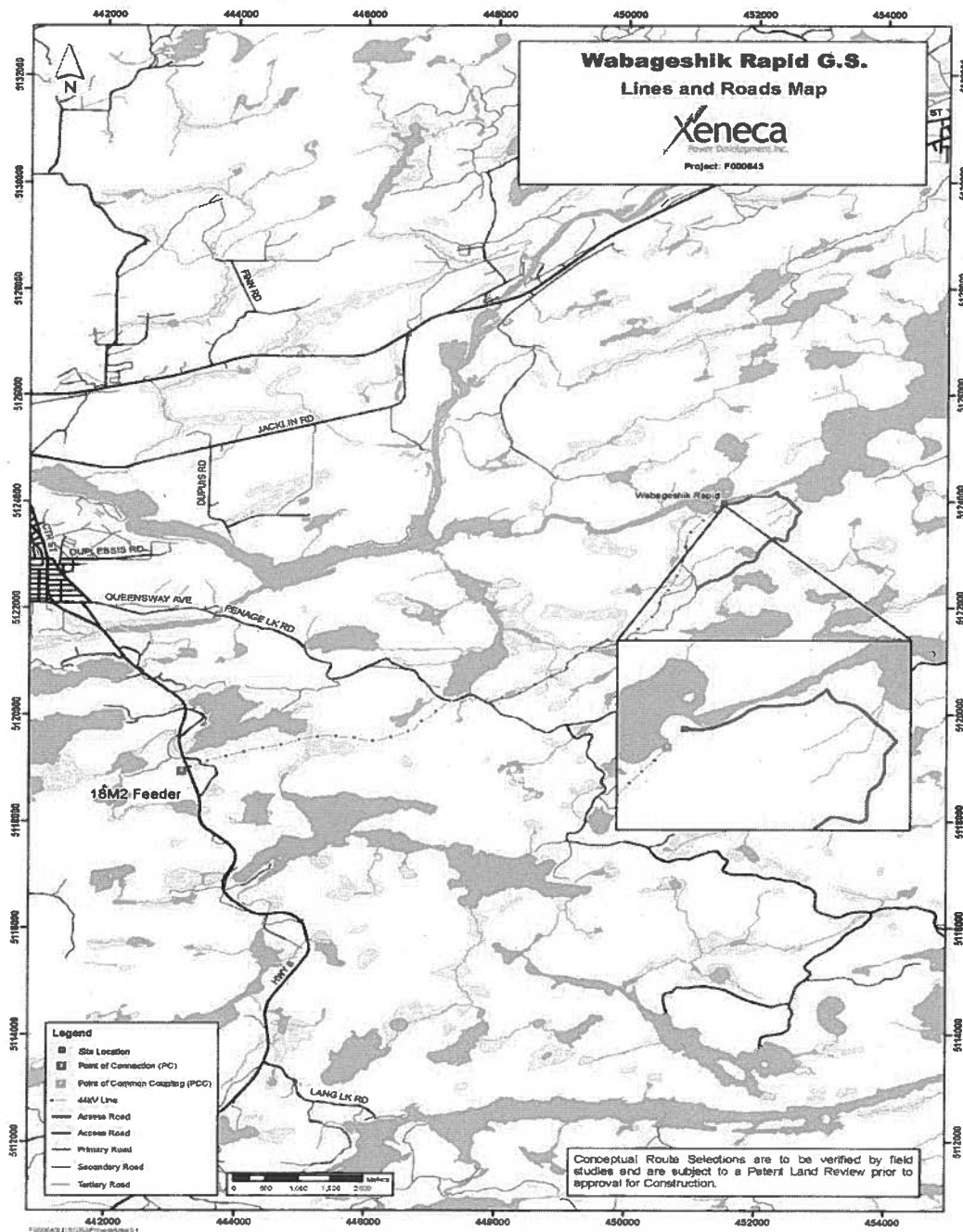
Wabagishik Rapids GS Concept



Wabagishik Rapids Inundation



Wabagishik Rapids Proposed Access and Transmission Lines:





Project Benefits:

Xeneca Power Development Inc, is proposing to develop four new waterpower generating station on the Vermilion River, including Wabagishik Rapids, which will have an installed capacity of approximately 3.4 MW.

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

- Approximate economic activity (direct) to build in Ontario is \$5 million per megawatt, about half of which is spent locally procuring everything from consulting and legal services to concrete, steel, trucking and other services such as hotels, restaurant and fuel.
- Direct job creation (construction only) 10,000 person hours per MW. Indirect jobs multiply by 1.5.
- Local/Regional economic boost of \$2.5 million per MW – about \$29.5 million.
- First Nations and non aboriginal community participation incentives. For overview see Xeneca Website.
- Significant return to the people of the City of Greater Sudbury with approximately \$5 million per MW (\$59 million over the 40 year lifespan of the project) paid through Gross Revenue Charges (GRC) and Provincial and Federal Income taxes.
- 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 and with regular maintenance and 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.

Environmental and Engineering Investigations:

- LiDAR survey of river corridor
- Terrestrial vegetation and wildlife habitat
- Fish community and aquatic habitat (spawning and rearing areas, index netting, small fish collections, etc)
- Mercury in fish flesh (to establish background levels)
- Water quality sampling, including low level mercury
- Benthos (bottom dwelling organisms)
- Sediment (assess for particle size and organic content)
- Water temperature monitoring
- Archaeological investigations (Stage 1 and 2)
- Local geology/topography
- Geomorphology



Egg mat in place during spring spawning surveys

PIC
March 22, 2011

Stephanie Hodson

From: Dennis Lendrum [pawpasno@yahoo.ca]
Sent: Monday, March 21, 2011 12:29 PM
To: Suzie Belanger
Cc: Andre Giroux; Perry/Lynn Leeson/Tooley; Robert Towns; Steve Edwards; Ray (JUS) Zaiser; Francis Endanawas OPP; Michelle Coulombe; Ken Sokoloski; Bob Diane Tremblay; Shawn Belanger; Ed & Theresa Land; Kirk Romaniuk; Mike Fraser; Justin Weaver; Jessica Giroux; Betty Heis; Kevin McMurray; Zeke Farrow; Margaret LaFramboise; Garry Moulton; Lloyd Myllynen; Richard Bleskie; Dave Bolton; Dave Carnochan; Brenda Welsh - OFSC President; Mike Farr OFSC; Paul Shaughnessy OFSC; Mark Holmes; Stephanie Hodson
Subject: Fw: Wabagishik Rapids Public Information Centre Vermillion River OFSC Snowmobile Bridge
Categories: Public

Please try to attend
Share the info with whoever you feel may be interested.

At this time, I do not see this as being a problem with our snowmobile bridge or trail, but this is the place to get all the answers.

There is Nothing Stronger than the Heart of a Volunteer
Yours in Safe Snowmobiling Always
www.rcsasnow.com
Dennis Lendrum

Hi everyone!

I just want to remind you about the Wabagishik Rapids Proposed Dam Public Information Centre, by Xeneca, this Tuesday, on 22 March, from 4 – 8 p.m. at the Espanola Recreation Complex, 175 Avery Dr., Espanola, ON – see Xeneca's message below.

You will also have an opportunity to fill out a questionnaire – which you can take it home with you to fill out, and then mail it in by their deadline.

If you would like to look at the Wabagishik Project Description you can download it at http://www.xeneca.com/projects/current_projects/vermillion.html.

From: Stephanie Hodson [mailto:SHodson@xeneca.com]
Sent: March-15-11 2:54 PM
To: Stephanie Hodson
Subject: Wabagishik Rapids Public Information Centre

March 15, 2011

Good afternoon!

Xeneca would like to invite you to our upcoming Public Information Centre for our proposed Wabagishik Rapids waterpower project on the Vermilion River.

Please join us next Tuesday, March 22 from 4 – 8 p.m. at the Espanola Recreation Complex, 175 Avery Dr., Espanola, ON.

Attached are the notice ads that ran in the Sudbury Star (March 9 & March 12) and the Midnorth Monitor (March 9 & tomorrow, March 16.)

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,

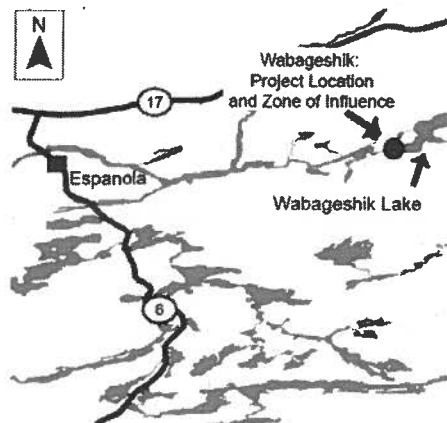
Steph

Stephanie Hodsoll

Public Affairs Liaison

Xeneca Power Development

Avis de consultation publique pour le projet d'énergie hydraulique proposé de Wabagishik Rapids



Xeneca Power Development Inc. vous invite à assister à une consultation publique où vous aurez la chance d'en apprendre davantage sur les projets et d'émettre vos commentaires. Veuillez vous joindre à nous aux dates suivantes :

Mardi 22 mars 2011
16 h 00 à 20 h 00
Espanola Recreation Centre
175 Avery Dr., Espanola

Vous êtes invité à nous soumettre vos commentaires sur les points qui seront abordés et/ou inscrire votre nom sur la liste d'envoi du projet. Pour de plus amples renseignements sur les projets, nous faire part de vos préoccupations ou vous inscrire sur la liste d'envoi, veuillez contacter :

Stephanie Hodsoll
Coordonnatrice des affaires publiques
Xeneca Power Development Inc.
Tél. : 416-590-9362, poste 112
Télec. : 416-590-9955
Courriel : shodsoll@xeneca.com

En vertu de la *Loi sur l'accès à l'information et la protection de la vie privée* et de la *Loi sur l'évaluation environnementale*, à moins d'indications contraires dans la soumission, tous les renseignements personnels tels que le nom, l'adresse, le numéro de téléphone et le lieu indiqués dans une soumission feront partie des registres publics à cet égard, et seront divulgués à quiconque en fait la demande.

Notice of Public Information Centre for the proposed Wabagishik Rapid Waterpower Development



Xeneca Power Development Inc. invites you to attend a Public Information Centre where you will have the opportunity to learn more about the project and provide your input to our project team. We encourage everyone who has an interest in this project to provide comment.

Please join us on:

**Tuesday March 22, 2011
4:00 pm to 8:00 pm
Espanola Recreation Centre
175 Avery Dr., Espanola**

You are invited to provide comments on the issues to be addressed, and/or to ask to be placed on the projects' mailing list. For information on the project proposals, to raise any issues or concerns, or to be placed on the mailing list, please contact:

Stephanie Hodsoll
Public Affairs Liaison
Xeneca Power Development Inc.
T: 416-590-9362 X 112
F: 416-590-9955
E: shodsoll@xeneca.com

Under the *Freedom of Information and Protection of Privacy Act* and the *Environmental Assessment Act*, unless otherwise stated in the submission, any personal information such as name, address, telephone number and property location included in a submission will become part of the public record files for this matter and will be released, if requested, to any person.



5160 Yonge St., Suite 520, Toronto, ON M2N 6L9
tel 416-590-9362 fax 416-590-9955 www.xeneca.com

1



Class Environmental Assessment for Waterpower Developments
For the Proposed Wabagishik Rapids GS Project

Public Information Centre
Tuesday, March 22nd, 2011
4 – 8 p.m.
Espanola Recreation Complex, Espanola

SIGN-IN SHEET (PLEASE PRINT)

Name & Affiliation	Mailing Address	Email	Phone Number
Robert Norris			
Karen Richards F. Larocque			
Dave Carnochan			
Robert Trumbull			

Wab ②

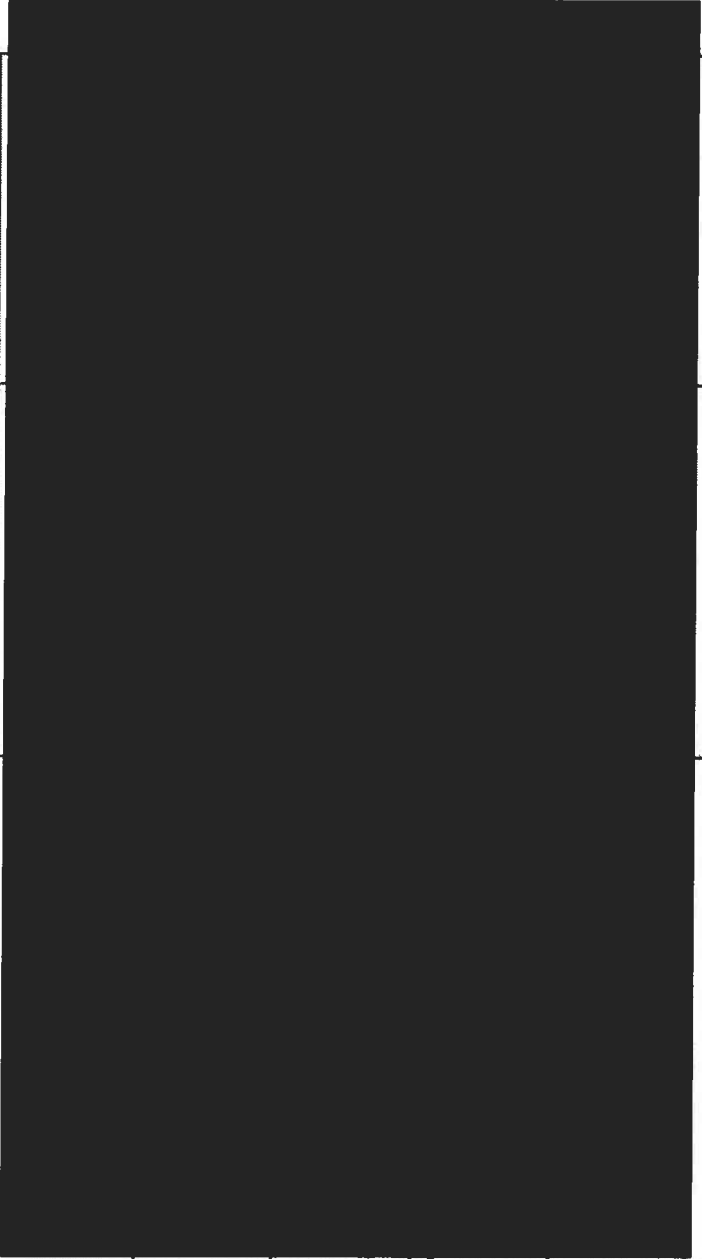




Name & Affiliation	Mailing Address	Email	Phone Number
Ralph Shore Walden-CAN			
ALLAN BELAN			
Jim Rook			
Margaret Wagon Le Tremblay			
Jayson Hamilton			

Name & Affiliation	Mailing Address	Email	Phone Number
Gillesbachare			
Neely's Van Room WARDEN CAN.			
Douglas SANTALA			
Art. Lila Stoker			
Fach Henry			

Wab (4)



Name & Affiliation	Mailing Address	Email	Phone Number
Ed. Lablanc			
Leo Omtan			
STEWART MCKENNA BROWN BASCO			
LEN'S BOIS			



Class Environmental Assessment for Waterpower Developments
For the Proposed Wabagishik Rapids GS Project

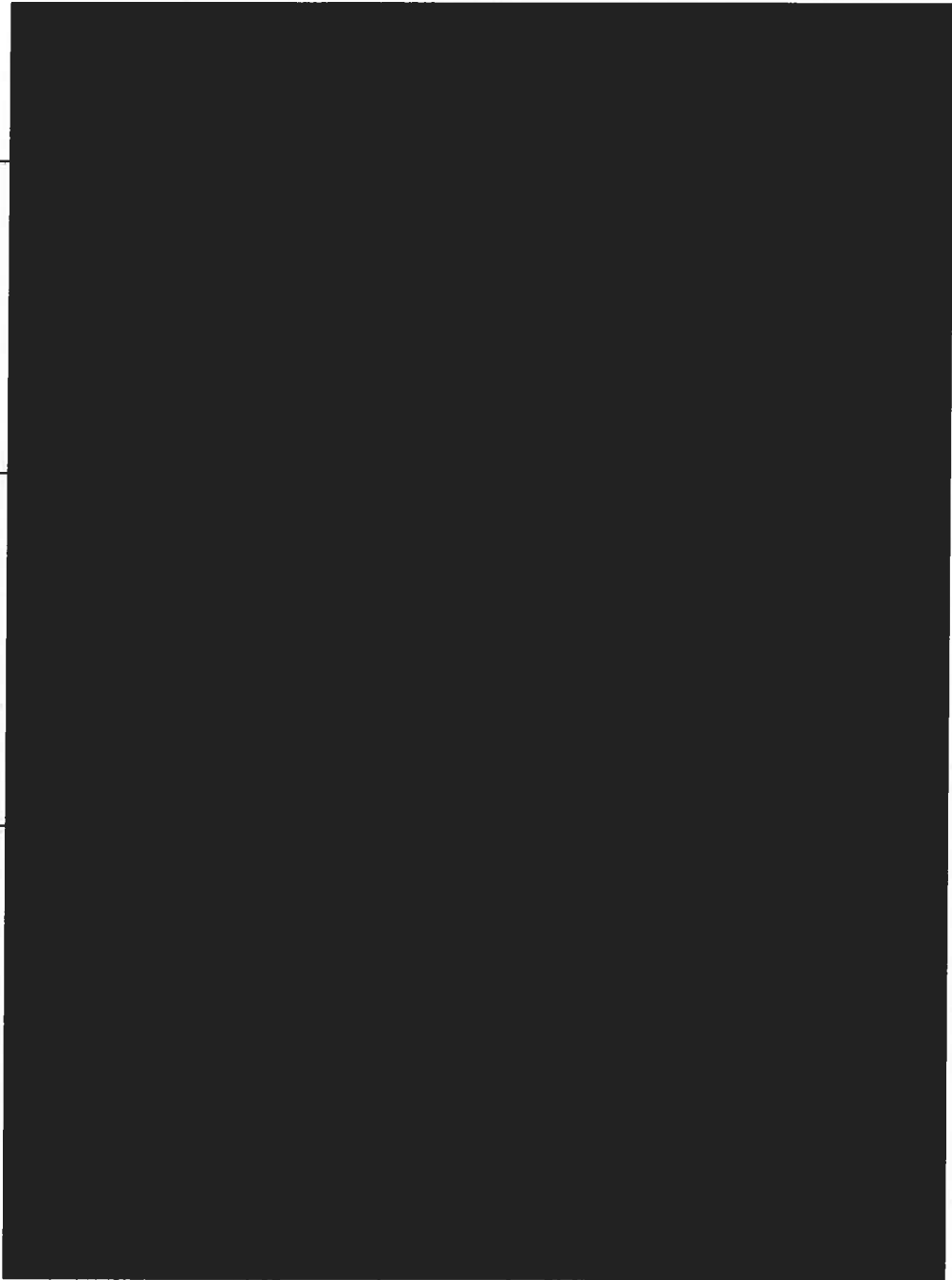


Public Information Centre
Tuesday, March 22nd, 2011
4 – 8 p.m.
Espanola Recreation Complex, Espanola

SIGN-IN SHEET (PLEASE PRINT)

Name & Affiliation	Mailing Address	Email	Phone Number
Mr. Ross Duma Ross			
David Fendrum Espanola District Snowmobile Club			
Ken Sokolowski Espanola District Snowmobile Club			
Marleen McMaster Councillor			

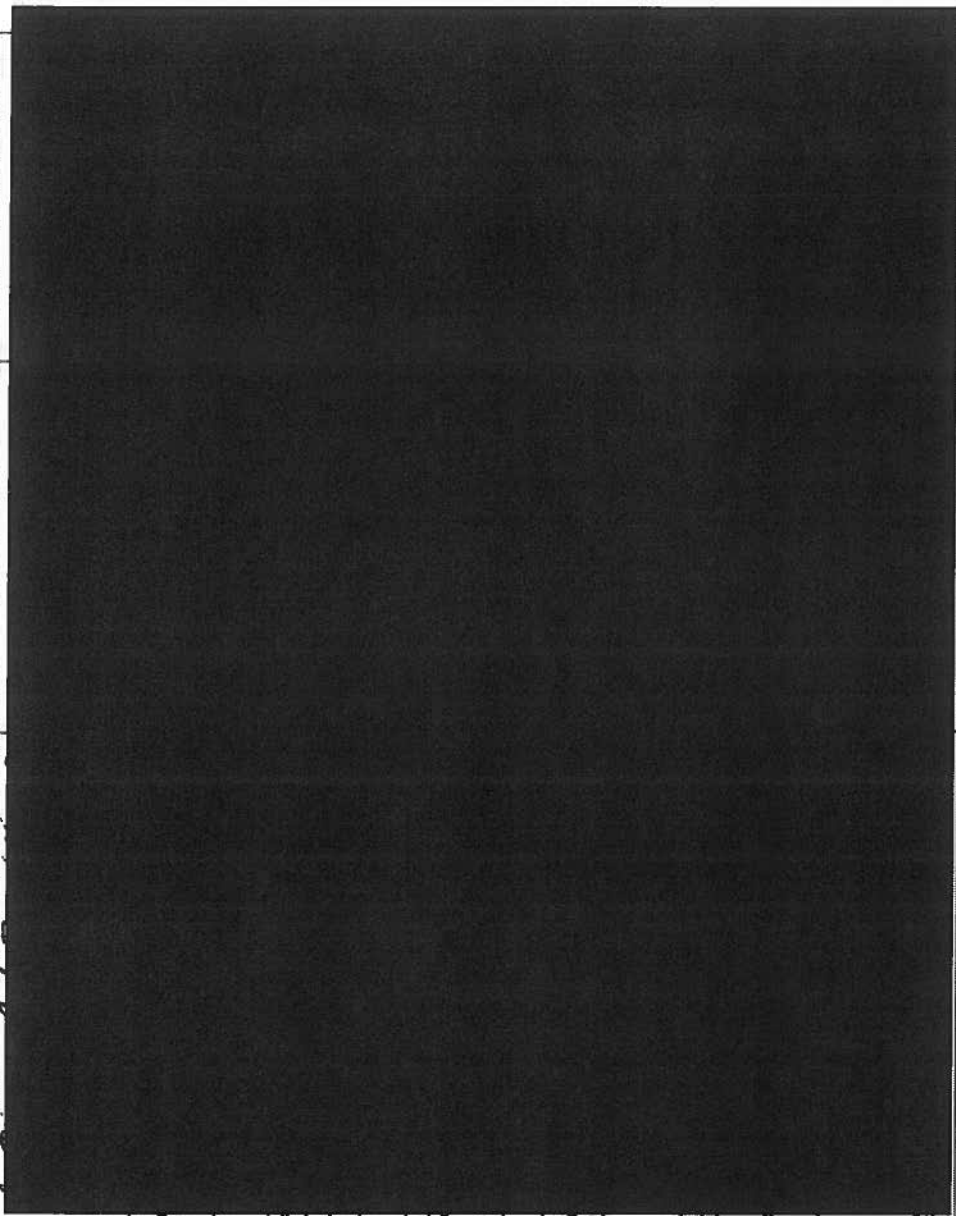
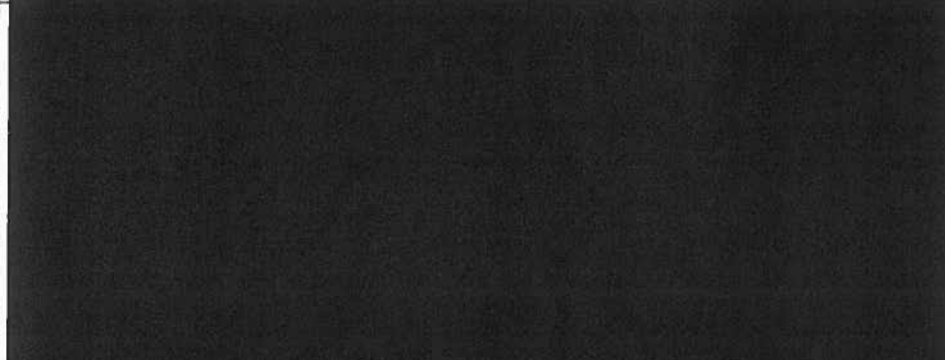
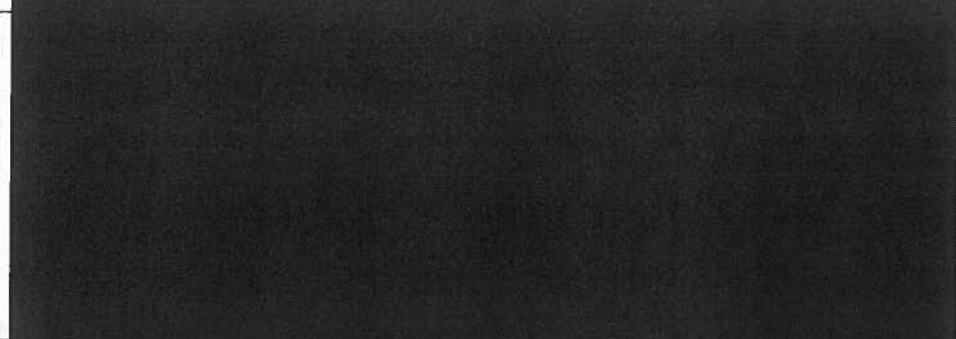
Nab 2b.



Name & Affiliation	Mailing Address	Email	Phone Number
Vermilion River Station Linda Heron			
Mike Lehoux			
Mayor Espanda			
MIKE PALMER			
FRAN DELONGCHAMP			
LESLEY FLOWERS			
ALLAN OMAN Coco Cai			
Ed Santolo			

Wab(3)6






Name & Affiliation	Mailing Address	Email	Phone Number
BRYAN O RSER			
Leonard the Labeled			
Dave + Rita Gottoni			
KARI KAN KANUPPA			
Richard Empressin DEATH united college gull			
ROLLAND FRAPPIER			
Guy Zube			

18

Wab 46



Name & Affiliation	Mailing Address	Email	Phone Number
RON BASSO			
JOHN REID ALUMINUM & WABAGISHIK			
AARON BASSO			
Sheri Purdon			

Philippa / Rob Meeting Notes
Vermillion – Wabageshik PIC, Espanola, ON
March 22, 2011

These notes were recorded by Philippa McPhee (OEL-WESA) and Rob Steele (NRSI) at and following the above noted PIC. The notes made in *italics* are comments or thoughts added.

1. Lakefront land owners on Wabageshik Lake: Water levels change by up to 15 m from spring to fall. Have measured 6" change in one day. Would like project to extend so that it control levels in lake. May / June lake levels would be ideal. They reported that there are permanent residents on the lake and that most seasonal residents are from within about 1-hour. Only a few are from out of town.
2. Representative of public land owner with land on proposed transmission and access routes (see map): Owners not notified to date and very concerned. Reports that routes are only 4-wheeler access at present. Residential camps on land and planning on using as future retirement home. Used for hunting bear, deer and also has wolf tags. Water was very low over the last few years. Domtar let out too much water. Wants formal notification of access / use of site. They will require [REDACTED] for use and possibly will want electricity from project. Representative talked to was:
 - a. Allan Belan [REDACTED]He was representing:
 - b. Larry Holland [REDACTED]
 - c. Elizabeth Lake [REDACTED]
 - d. Phil Pouget [REDACTED]
3. Local user: Canoes down that stretch of river. Wants portage route around dam. Concerned about improved access to area. General public will abuse area.
4. Member of Walden Community Action Network (CAN) Environmental Committee (former Eng. @ Inco responsible for tailings). Was directed to Mark for leasing questions. Rob also talked to him briefly.
5. Local user (Brian Orser): Concern regarding sediment being disturbed in the inundation or downstream areas. The water is used as drinking water but there are heavy metals in substrate (natural and from mining). Wanted to know if there were going to be studies on this issue. Referred to Mark and he indicated that sediments will be looked at as part of geotechnical assessment. *We suggest that a traditional geotechnical assessment would not typically deal with the possible toxicity issues associated with metals. This would require assessment by a sediment / water quality expert. This could be completed in coordination with geotechnical assessments so that they could participate in planning field work / sampling. This may also impact surface water quality sampling requirements in 2011.*
6. Local user (Young guy with blonde hair and earring). Request that questions submitted be responded to more quickly.

7. Private landowners on west side of W. Lake. Skidoo trail runs on the north side of lake and river skirts around private land parcel. Wants their access maintained but not to increase access to general public.
8. *Overheard Linda Heron asking Nava for copies of engineering x-sections. He was showing drafts to her with some explanations. I did not hear his response to her request.*
9. Landowners (2 pink squares noted on map) to north of W. Lake: Existing 'road' is actually a trail (snowmobile). Star on map denotes 'oh shit' hill.
10. Local user (Kari Kankaanpää [REDACTED]): Uses area for hunting. Likes the idea of transmission line beside the wetland area as he can place tree-stands beside poles. Deer and moose crossing in low water just above proposed dam site. This is the only area low enough in summer to permit walking crossing. Rob talked to him at length. Both Kari and Wally indicated that this is a critical linkage between their summer grounds and over-wintering habitat to east. *Rob to follow up with Kari and MNR to source detail regarding significance of this route and mitigative requirements. Mitigation may involve dropping water levels in critical migration periods.*
11. Property owners on river immediately downstream of proposed site (right side looking downstream). Have been using property for over 80 years. Are infuriated that proposed access road is shown on the maps without any prior notification or contact from Xeneca. They have maintained 7 km of access road from highway for years and have spent over [REDACTED] in doing so. Built a new cottage 4 years ago. Do not want access roads from their property and want to be contacted as to why they weren't contacted and why the proposed access route was ever drawn (talked about the process of getting from engineer's wish list to feasible project). Are very concerned regarding loss of use / enjoyment of waterfront and property de-valuation. Reported that the bay is 15' deep in centre and very shallow in the tailrace area (2.5'). Three small islands further downstream (gravel beds in air photo) are submerged in spring but are exposed in summer with grassy cover and loon nests. Very concerned that that will be turned into a swamp all the time. Also reported a submerged chute approximately 3 km downstream that was covered up when the EB Eddy dam was built. If the project reduced the flow that far downstream then it would impact navigability (Nava was brought in and he indicated that modeling was still underway but that the site would not likely affect that far downstream). Also reported seeing bald eagles in trees on right bank looking downstream, beaver house at small inlet in bay and that snowmobile bridge was washed out after construction in 2000. Asked if project was developed and Xeneca decided to sell, would stakeholders interests be carried forward. Mark indicated that the investors were a pension trust with long term investment goals. If by any chance it was sold, all EA and permitting requirements would be transferred or a new EA would have to be completed. Spoke to:
 - a. Albert Ojala
 - b. Gary Zubal (husband of Linda Zubal ne Ojala)Representing themselves and:
 - c. Roy Ojala
 - d. Anya Ojala (Mum)

Anya may have been on the mailing list but there is no mailbox at property.

12. Rolly Frappier (former OFAH director and United Walleye Association leader) [REDACTED]
Gave lots of information to Rob. Reports no walleye beyond chute at snowmobile bridge, spawning occurring in entire stretch between base of rapids and snowmobile bridge (appx 1 km), and that bay d/s of rapids acts as nursery habitat. *Rob notes that the spawning habitat would be eliminated but the nursery habitat is somewhat anecdotal and that use has not been confirmed.* In summary wants: remedial work of habitat; assistance in setting up fish hatchery; egg collection. *Recognizing that the spawning habitat will be lost and that direct compensation in area may be challenging, Xeneca / NRSI should take the suggestion for fish hatchery seriously and should approach DFO with concept. Follow up work with Rolly (site visit and other hatchery visits) is strongly recommended.*
13. Property owners of land on east side of W. Lake (see map). Hunt area and have 3 camps (old homesteads). Currently access area by snowmobile trail, by water or by ice. Concerns regarding increased access to area by public. Want to maintain their access but not bring in new people.
14. Property owner on land on W. Lake. Concern regarding integrity of ice in W. Lake. Used as access in winter.
15. Denis Lundrum from Espanola Snowmobile Club. Concern regarding bridge abutments and potential for structural integrity impacts based on high water events. Bridge was lost just after construction in 2000. Concern that backwater influence from dam extending to bridge will further impact on bridge abutments during high flow.
16. Landowner on W. Lake. Concern regarding loss of use of u/s stretch for summer activities including snorkeling, riding rapids, fishing, blueberry picking, etc.
17. Local user. Concern regarding water quality affects d/s of site. Reported that he spoke with MNR personnel fishing for sturgeon in the fall of 2010 in Vermillion River at confluence with Spanish River. Claims that MNR staff stated that when water passes through a turbine it would be deprived of all oxygen and would be 'dead'. Rob assured individual that this is not the case and that in fact, turbines can add oxygen. Also reported very low water levels over the past few years. *Does Xeneca want to pursue this with MNR?*



5160 Yonge St., Suite 520, Toronto, ON M2N 6L9
tel 416-590-9362 fax 416-590-9955 www.xeneca.com

**Class Environmental Assessment for Waterpower Projects
For the Proposed Wabagishik Rapids Development
Wabagishik Rapids GS**

COMMENT FORM

Public Information Centre
Espanola Recreation Complex
March 22nd, 2011

THANK YOU for attending our Public Information Centre for the proposed Wabagishik Rapids GS project on the Vermilion 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_____

Interest Group Member X

Aboriginal Community Member_____

Interested Community Member_____

Government Representative_____

Other (please specify)_____

Please specify how you heard about this Public Information Centre:

Newspaper Ad_____

Other Media_____

Xeneca Website_____

Other (please specify) Internet

Did you find the information display panels and maps helpful in explaining the project?

YES/NO

Were Xeneca staff members 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:

Xeneca Power Development

C/O Stephanie Hodsoll

5160 Yonge Street, Suite 560 North York, ON M2N 6L9

Or email: shodsoll@xeneca.com

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



5160 Yonge St., Suite 520, Toronto, ON M2N 6L9
tel 416-590-9362 fax 416-590-9955 www.xeneca.com

**Class Environmental Assessment for Waterpower Projects
For the Proposed Wabagishik Rapids Development
Wabagishik Rapids GS**

COMMENT FORM

Public Information Centre
Espanola Recreation Complex
March 22nd, 2011

THANK YOU for attending our Public Information Centre for the proposed Wabagishik Rapids GS project on the Vermilion 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_____

Interest Group Member_____

Aboriginal Community Member_____

Interested Community Member ☒

Government Representative_____

Other (please specify)_____

Please specify how you heard about this Public Information Centre:

Newspaper Ad_____

Other Media_____

Xeneca Website_____

Other (please specify) Walton CAN

Did you find the information display panels and maps helpful in explaining the project?

☒ YES/NO

Were Xeneca staff members 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:

Xeneca Power Development

C/O Stephanie Hodson

5160 Yonge Street, Suite 560 North York, ON M2N 6L9

Or email: shodson@xeneca.com

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



5160 Yonge St., Suite 520, Toronto, ON M2N 6L9
tel 416-590-9362 fax 416-590-9955 www.xeneca.com

**Class Environmental Assessment for Waterpower Projects
For the Proposed Wabagishik Rapids Development
Wabagishik Rapids GS**

COMMENT FORM

Public Information Centre
Espanola Recreation Complex
March 22nd, 2011

THANK YOU for attending our Public Information Centre for the proposed Wabagishik Rapids GS project on the Vermilion 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 _____

Interest Group Member _____

Aboriginal Community Member _____

Interested Community Member _____

Government Representative Town of Espanola

Other (please specify) _____

Please specify how you heard about this Public Information Centre:

Newspaper Ad _____

Other Media _____

Xeneca Website _____

Other (please specify) specific invitation

Did you find the information display panels and maps helpful in explaining the project?

☒ YES ☐ NO

Were Xeneca staff members 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:

Xeneca Power Development

C/O Stephanie Hodsoll

5160 Yonge Street, Suite 560 North York, ON M2N 6L9

Or email: shodsoll@xeneca.com

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



5160 Yonge St., Suite 520, Toronto, ON M2N 6L9
tel 416-590-9362 fax 416-590-9955 www.xeneca.com

**Class Environmental Assessment for Waterpower Projects
For the Proposed Wabagishik Rapids Development
Wabagishik Rapids GS**

COMMENT FORM

Public Information Centre
Espanola Recreation Complex
March 22nd, 2011

THANK YOU for attending our Public Information Centre for the proposed Wabagishik Rapids GS project on the Vermilion 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 X

Interest Group Member _____

Aboriginal Community Member _____

Interested Community Member _____

Government Representative _____

Other (please specify) _____

Please specify how you heard about this Public Information Centre:

Newspaper Ad _____

Other Media _____

Xeneca Website _____

Other (please specify) Vermilion Stewardship

Did you find the information display panels and maps helpful in explaining the project?

YES/NO

Were Xeneca staff members 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:

Xeneca Power Development

C/O Stephanie Hodsoll

5160 Yonge Street, Suite 560 North York, ON M2N 6L9

Or email: shodsoll@xeneca.com

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



PHILLIPA

5160 Yonge St., Suite 520, Toronto, ON M2N 6L9
tel 416-590-9362 fax 416-590-9955 www.xeneca.com

**Class Environmental Assessment for Waterpower Projects
For the Proposed Wabagishik Rapids Development
Wabagishik Rapids GS**

COMMENT FORM

Public Information Centre
Espanola Recreation Complex
March 22nd, 2011

THANK YOU for attending our Public Information Centre for the proposed Wabagishik Rapids GS project on the Vermilion 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 ☒
Interest Group Member ☒
Aboriginal Community Member ☐

Interested Community Member ☒
Government Representative ☐
Other (please specify) ☐

Please specify how you heard about this Public Information Centre:

Newspaper Ad ☐
Other Media ☐

Xeneca Website ☐
Other (please specify) VERBAL

Did you find the information display panels and maps helpful in explaining the project?

☒ YES ☐ NO

Were Xeneca staff members 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:

Xeneca Power Development
C/O Stephanie Hodsoll
5160 Yonge Street, Suite 560 North York, ON M2N 6L9
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: BRYAN ORSER

Address & Postal Code: 

→ AFFECTS ON SEDIMENTATION?
ESP. HEAVY METALS

→ ~~WATER~~ WATER LEVEL FLUCTUATIONS
DOWN STREAM

→ ALLOWANCE FOR FISH
TRAVEL?

**Class Environmental Assessment for Waterpower Projects
For the Proposed Wabagishik Rapids Development
Wabagishik Rapids GS**

COMMENT FORM

Public Information Centre
Espanola Recreation Complex

March 22nd, 2011

THANK YOU for attending our Public Information Centre for the proposed Wabagishik Rapids GS project on the Vermilion 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_____

Interest Group Member_____

Aboriginal Community Member_____

Interested Community Member_____

Government Representative_____

Other (please specify) Gen. Interest

Please specify how you heard about this Public Information Centre:

Newspaper Ad_____

Other Media_____

Xeneca Website_____

Other (please specify) Daughter

Did you find the information display panels and maps helpful in explaining the project?

☒ YES ☐ NO

Were Xeneca staff members 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:

Xeneca Power Development

C/O Stephanie Hodsoll

5160 Yonge Street, Suite 560 North York, ON M2N 6L9

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

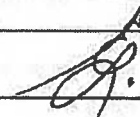
Please describe any issues you feel should be addressed or any questions you may have that were not answered today.

Name: Ed. Leblanc

Address & Postal Code: [REDACTED]

Only Concern is how The Dam Will Affect the Migration of Fish from the Spanish River - Do Fish Travel Upstream from Spanish River to Exist Wabageshic Dam? Is Fishing in Wabageshic Going to Die Completely Unless It is Stocked Every year - Cost?

This Is Definitely the Way to Get Power and I'm Surprized It hasn't Been Done Before Now





5160 Yonge St., Suite 520, Toronto, ON M2N 6L9
tel 416-590-9362 fax 416-590-9955 www.xeneca.com

**Class Environmental Assessment for Waterpower Projects
For the Proposed Wabagishik Rapids Development
Wabagishik Rapids GS**

COMMENT FORM

Public Information Centre
Espanola Recreation Complex
March 22nd, 2011

THANK YOU for attending our Public Information Centre for the proposed Wabagishik Rapids GS project on the Vermilion 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 ☒

Interest Group Member ☐

Aboriginal Community Member ☐

Interested Community Member ☐

Government Representative ☐

Other (please specify) ☐

Please specify how you heard about this Public Information Centre:

Newspaper Ad ☐

Other Media ☐

Xeneca Website ☐

Other (please specify) U R Stewardship

Did you find the information display panels and maps helpful in explaining the project?

YES/NO

Were Xeneca staff members 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:

Xeneca Power Development

C/O Stephanie Hodsoll

5160 Yonge Street, Suite 560 North York, ON M2N 6L9

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: Carmelita Lechelle

Address & Postal Code: 

W



5160 Yonge St., Suite 520, Toronto, ON M2N 6L9
tel 416-590-9362 fax 416-590-9955 www.xeneca.com

**Class Environmental Assessment for Waterpower Projects
For the Proposed Wabagishik Rapids Development
Wabagishik Rapids GS**

COMMENT FORM

Public Information Centre
Espanola Recreation Complex
March 22nd, 2011

THANK YOU for attending our Public Information Centre for the proposed Wabagishik Rapids GS project on the Vermilion 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 _____

Interest Group Member ☒

Aboriginal Community Member _____

Interested Community Member _____

Government Representative _____

Other (please specify) _____

Please specify how you heard about this Public Information Centre:

Newspaper Ad ☒ *Mid North Monitor*

Other Media _____

Xeneca Website _____

Other (please specify) _____

Did you find the information display panels and maps helpful in explaining the project?

☒ YES ☐ NO

Need a drawing showing expected upstream

Were Xeneca staff members able to adequately answer your questions?

NANA was helpful

☒ YES ☐ NO

and downstream affected

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.

Area extends

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

that will routinely be subject to water fluctuations

Xeneca Power Development

C/O Stephanie Hodsoll

5160 Yonge Street, Suite 560 North York, ON M2N 6L9

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: Leo Oman P. Eng.

Address & Postal Code: [REDACTED]

- Would like to know ~~the~~ extent of expected fencing to be erected at discharge chute.
- Would like to know extent of area covered by headpond water fluctuations.
- Would like to know expected ^{daily} elevation difference on downstream side of dam from present levels.
- Would like to know what ^{river} fluctuation levels the MNR is permitting on this river project.
- What is expected turbidity levels downstream of discharge chute during mid summer dry spell and how the project intends to prevent this bottom sweeping mixing?
- Would like to know if this dam will be used only for "peaking power supply" or whether it will truly be a run of the river dam that diverts a section of water flow through the turbine but at all times but does not "store flow".
- Will there be a "fish ladder" installed to allow fish movement ^{coffer} past dam and penstock?

Stephanie Hodsoll

From: Linda Heron [REDACTED]
Sent: Saturday, March 26, 2011 10:22 AM
To: Mark Holmes; Stephanie Hodsoll
Subject: COMMENT FORM - WABAGISHIK RAPIDS - MARCH 22 2011 PIC

Importance: High

TO: Mark Holmes and Stephanie Hodsoll, Xeneca Corporation

On behalf of the Vermilion River Stewardship, I am offering this Comment Form for your information.

1. I heard about this project from a neighbour, not from Xeneca.
2. I heard about this meeting from a member of the OFSC, not from Xeneca.
3. The information on the display panels was of a general nature, and the maps and drawings were what was contained in the Project Description. The engineered drawings for the actual dam were not displayed, and saw them when your Engineer referred to them in his book, but he would not share them with the public.
4. Xeneca staff were very polite and helpful, but seemed at a loss when it came to detail of the actual project.
5. My comment: There were several irate residents who recently discovered their properties were going to be directly affected by Xeneca's roads and transmission lines drawn on your site map. These land owners had not been previously notified by Xeneca, and yet your drawings give the impression these arrangements have been made – why else would you draw them into the plan? So, again, all property owners and stakeholders directly affected by this proposed project were not informed, consulted, or notified.
6. This format of meeting is not satisfactory! Xeneca staff were not recording most questions, and there were many conversations going on at once, so no one person got to hear all the concerns and comments.
7. On behalf of the Vermilion River Stewardship, we are requesting a Forum Format for all future Public Information Centers, so that all questions, comments and answers can be heard by everyone in attendance.
8. Questions for Xeneca:
 1. Wabagishik Rapids and McPherson Falls were in the "Not Practical Projects" section of the Hatch Acres Report - "Ontario Waterpower Potential" – what has changed to make them practical now?

2. Do you have any intentions now, or in the future, of pursuing any other potential waterpower sites on the Vermilion River?
3. Do you plan to use a modified peaking operation at Wabagishik Rapids?
4. Will the residual flow be a minimum of 2/3 of the total flow – as per 4.3.3 of the 1977 LIRA guidelines?
5. Under a modified peaking operation, will
 - a. the residual or compensatory flow be the only consistent flow throughout each operating day,
 - b. will the river ever be left to flow freely, and if so,
 - c. when, and for how long?
6. Please provide a graph of the daily water fluctuations over the last three years! What will the water fluctuations be after the dam is built? What are the fluctuations from season to season?
7. We note there is a discrepancy between the river flows quoted in your Wabagishik PD at 47.3 m³/s, and the Hatch Acres Report at 35 m³/s, so
 - a. provide a graph of assumed annual river flow on a monthly basis, so we can compare it with our observations; and
 - b. indicate how this data was derived, since there is apparently no flow measurement site in the vicinity.
8. How many people would be affected by the head pond, transmission lines, roads, and dam site?
9. When do you plan to notify and negotiate private property land use with riparian owners affected by your proposed transmission lines, dams and roads?
10. Why have you not submitted your Applicant of Record to receive your Site Release for these four projects? When do you plan to do this?
11. How do you plan to generate power throughout the months of low flow and low water levels, without causing damage to the river ecosystem?

12. Water levels have never been lower than these last few summers – would the operation of these dams cause water levels to go even lower for stretches of time?
13. Will any part of the downstream riverbed ever be allowed to dry while holding water back to fill the head pond?
14. You indicate Wabagishik Proposed Dam will generate a total Installed Capacity (IC) of 3.4 MW, while the Hatch Acres Report estimates 1.85 – why the discrepancy?
15. You have estimated a total IC for all 4 proposed dams at 11.8 MW, while the Hatch Acres Report estimates the total at 7.06 MW – (2.18; 1.54; 1.49; 1.85) why the discrepancy?
16. In section 2.12 of the Wabagishik PD, we note that the available head is listed at 6.1m, and actually less than that listed for the same site in the Hatch Acres Report at 6.5m, so
 - a. how was this number established; and
 - b. does it include the additional head introduced by the dam/weir.
17. What provisions will you make to protect our endangered species and Species at Risk – Bald Eagle, Elk, Lake Sturgeon, Whip-poor-will, Chimney Swift, Common Nighthawk, Olive-sided Flycatcher, Bobolink, Canada Warbler, Massassauga Rattlesnake, Milk Snake, Snapping Turtle, Wood Turtle, Blanding's Turtle & Monarch Butterfly?
18. What provisions will you make for passage of fish?
19. Have existing fish spawning areas in the impacted zone been identified - where?
20. What provisions will you make for the Walleye Spawning area that has been identified throughout the entire proposed inundation area of Wabagishik Rapids?
21. What provisions will you make to protect spawning grounds, aquatic life, water quality, the ecosystem and natural habitat?

22. Do you plan to do further surveys of wildlife? Surveys on birds, reptiles and amphibians were done on two one day visits in one spring period, are insufficient to assess what is truly there, and appear incomplete.
23. With respect to reptile surveys, no observations were made of the Woods Turtle which is found in other areas of the upper Vermillion River and is classified as Endangered.
24. What "Cumulative Effects" would 4 dams have on the Vermilion River, its connecting lakes, and the ecosystem?
25. Public safety is a major concern – if a dam fails, what is your emergency response plan to warn the residents and recreationists downstream?
26. What are your plans for compensating property owners for any damage caused by dam failure; or loss of property values caused by loss of water flow or water quality?
27. How do you plan to protect stakeholders' who draw their drinking water from the Vermilion, or whose wells are dependent upon clean and consistent water flow?
28. How will winter water level fluctuations impact on ice and winter travel on the river?
29. Have you provided the government with an upfront bond for the full costs of future decommissioning? The decommissioning costs must not be part of the 40 year (pay as you go) contract since there is no guarantee that Xeneca will be operating for 40 years and decommissioning should not fall to Canadian taxpayers.

Respectfully,
Linda Heron
Chair, Vermilion River Stewardship



From: [REDACTED]
To: Stephanie Hodsoll; [REDACTED]
Subject: Comment Form from March 22 2011 Espanola meeting
Date: Tuesday, April 19, 2011 7:48:23 PM

Here are my answers to the questions contained in the comment form from the March 22 2011 Espanola meeting.

What is your interest in this project ? answer ... **I have an interest in a family owned property approximately 200 yards North of the proposed Wabagishik dam.**

Please specify how you heard about this Public Information Centre ? : answer... **from another stakeholder initially, then I went to the Xeneca website and I saw the notice there. Then I received an email from Xeneca representative (after taking the initiative to contact Xeneca myself and get onto the stakeholders information distribution list.) Prior to getting myself onto Xeneca's stakeholder email distribution list there was no specific notification by Xeneca. The Class EA document from the Ontario Water Power Association states a public notice is a mandatory point of contact and must be directly provided to: adjacent and potentially affected riparian landowners/tenant stakeholders.**

Did you find the information display panels and maps helpful in explaining the project ? answer ... **no**

Were Xeneca staff members able to adequately answer your questions ? answer ... **no**

Name: Linda and Gary Zubal

Address and Postal Code : [REDACTED]

[REDACTED] Additional Questions and Comments from the Espanola meeting are as follows:

- **What are the road plans? Different diagrams show different routes? What is the final recommended route? At the Espanola meeting, one of the displays had a "possible alternative access road" going though our Private property?**
- **Construction: Since this area is a "cottage area" with our cottage 200 yards away, what are the planned hours of construction? (no late nights or evenings)**
- **What are Xeneca's contingencies on any negative effect on our property value**
- **What is the impact to the quality of life the family has enjoyed for over 80**

years

- What is the short and long term impact on our shoreline (over half a mile waterfront with riparian rights owned by us.)
- What is the amount of noise pollution from the dam when fully operational?
- Is there a danger to those children in paddle boats, canoe's that have used the bay?
- With reference to the Ontario Waterpower Associations Document entitled Class Environmental Assessment for Waterpower Projects : section 5.2.3. of the Navigable Waters Protection Act ... What are Xeneca's contingencies on any impact on the existing amount of navigable water (a few kilometers downstream there is a submerged waterfall which may be exposed if water levels drop.)
- With reference to the Ontario Waterpower Associations Document entitled Class Environmental Assessment for Waterpower Projects : section 6.2.4 , titled " Consultation Techniques" : under " Meetings / Workshops"... we request a smaller, focused meeting with us specific stakeholders in order that we may be more successful in resolving these contentious issues. Our property is located within 200 yards of the proposed dam.
- How are the stakeholders protected if Xeneca is sold?
- We were never notified of any of this. Mark said letters were mailed out – we did not receive a letter. When were they mailed? What address was it sent? With reference to the Ontario Waterpower Associations Document entitled Class Environmental Assessment for Waterpower Projects : section 4.2.1 " Notice of Commencement " ... it states that a public notice is a mandatory point of contact and must be directly provided to: adjacent and potentially affected riparian landowners/tenant stakeholders.
- At the Espanola meeting there was no one there from the MOE. Who is representing the public in this process ?
- The information on the display at the Espanola meeting was an excerpt from what was already on Xeneca's website. Information was general in nature, and at times, the verbal information provided was contradictory to information contained on the Xeneca's website.
- The format of Espanola meeting was not conducive for all interested parties to hear other people's comments and concerns. For future public meetings a change in format is requested so that everyone gets a chance to hear everything being discussed.
- We are located close (~ 200 yards) from the dam, so we would like to have a rendering of what the finished project is going to look like from our property.
- We are requesting a face-to-face meeting with Xeneca.
- please forward this email to Mark.

Yours Truly,
Linda and Gary Zubal



5160 Yonge St., Suite 520, Toronto, ON M2N 6L9
tel 416-590-9362 fax 416-590-9955 www.xeneca.com

RECEIVED
APR 21 2011

**Class Environmental Assessment for Waterpower Projects
For the Proposed Wabagishik Rapids Development
Wabagishik Rapids GS**

COMMENT FORM

Public Information Centre
Espanola Recreation Complex
March 22nd, 2011

THANK YOU for attending our Public Information Centre for the proposed Wabagishik Rapids GS project on the Vermilion 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 ☒

Interest Group Member ☐

Aboriginal Community Member ☐

Interested Community Member ☒

Government Representative ☐

Other (please specify)

Please specify how you heard about this Public Information Centre:

Newspaper Ad ☒

Other Media ☒

Xeneca Website ☐

Other (please specify)

*Stewardship
Committee*

Did you find the information display panels and maps helpful in explaining the project?

YES/NO

Were Xeneca staff members 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:

Xeneca Power Development
C/O Stephanie Hodsoll

5160 Yonge Street, Suite 560 North York, ON M2N 6L9

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: Kenneth Shames

Address & Postal Code

They're very concerned about the following:

1. Water levels - we've lived on Lake 25 years. Every spring deal with water levels rising anywhere up to 8-12 feet. That's a lot of water & it's always a threat. Because of the lack of snow in recent years, we've not bargained our frontage. But what are your plans. We can't have you playing with levels in the Spring.
 2. Our turtles that visit our shoreline every summer. What happens to them. What about the spawning fish. Our loons & other water fowl. This is a beautiful lake with scenic areas that would be destroyed if you had fluctuating water levels.
 3. The composition of our water would change. Being at the bottom end of Vermillion watershed is bad enough but now you want to ruin everything that's beautiful. We have folks fishing & camping on Wakagishik because of what it offers. Beauty, good fishing, loons singing, eagles overhead, turtles on the shore having young & now you want to destroy all that. Then let's talk about safety of travelling on the lake in the winter. What protection do we have so that you're concerned about any of that. I'm not a hunter but I know they definitely have serious concerns as well. I don't want a dam on this lake, I want NO change to this area.
- Signed Marilyn Shames

Stephanie Hodsell

From: Stephanie Hodsell
Sent: Tuesday, March 15, 2011 2:54 PM
To: Stephanie Hodsell
Subject: Wabagishik Rapids Public Information Centre
Attachments: Wabagishik PIC Espanola - 22Mar.pdf; Wabagishik PIC Espanola - 22mar-French.pdf

Categories: Logged, Public

March 15, 2011

Good afternoon!

Xeneca would like to invite you to our upcoming Public Information Centre for our proposed Wabagishik Rapids waterpower project on the Vermilion River.

Please join us next Tuesday, March 22 from 4 – 8 p.m. at the Espanola Recreation Complex, 175 Avery Dr., Espanola, ON.

Attached are the notice ads that ran in the Sudbury Star (March 9 & March 12) and the Midnorth Monitor (March 9 & tomorrow, March 16.)

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 Assessment EA.

We hope to see you there!

Yours truly,
Steph

Stephanie Hodsell
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

PIC
October 20, 2011





Class Environmental Assessment for Waterpower Developments
For the Proposed Wabagishik Rapids GS Project

44

Public Information Centre #2
Thursday October 20th, 2011
4 – 8 p.m.
Espanola Recreation Complex, Espanola

SIGN-IN SHEET (PLEASE PRINT)

Name & Affiliation	Mailing Address	Email	Phone Number
AL GREGORY VALE			
Louanne Andrews			
ALLAN BASO			
RON BASO			

Name & Affiliation	Mailing Address	Email	Phone Number
Jim Rook			
Kenneth Shamess			
Ed Dickson			
Brian Rich			
NEELTS VAN-ROON			
Marilyn Shamess			
Deborah Lowan			



Name & Affiliation	Mailing Address	Email	Phone Number
KAREN RICHME			
Wayne Seitz			
Dr. J. D. Seitz			
Dr. EX POIKIMAKI			
Linda Heron			
Allen Buba			
Cheryl Garton			



Class Environmental Assessment for Waterpower Developments
For the Proposed Wabagishik Rapids GS Project

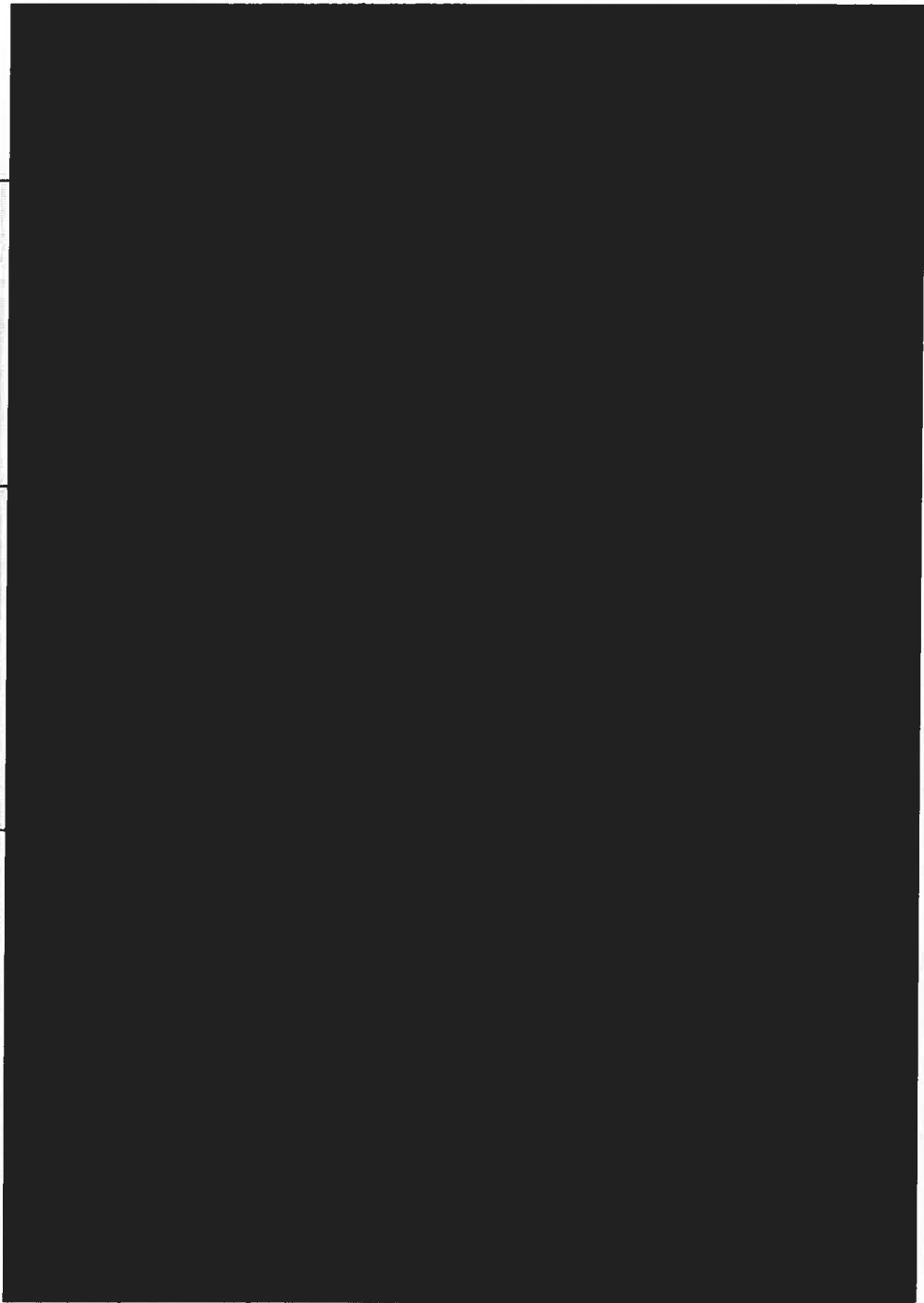
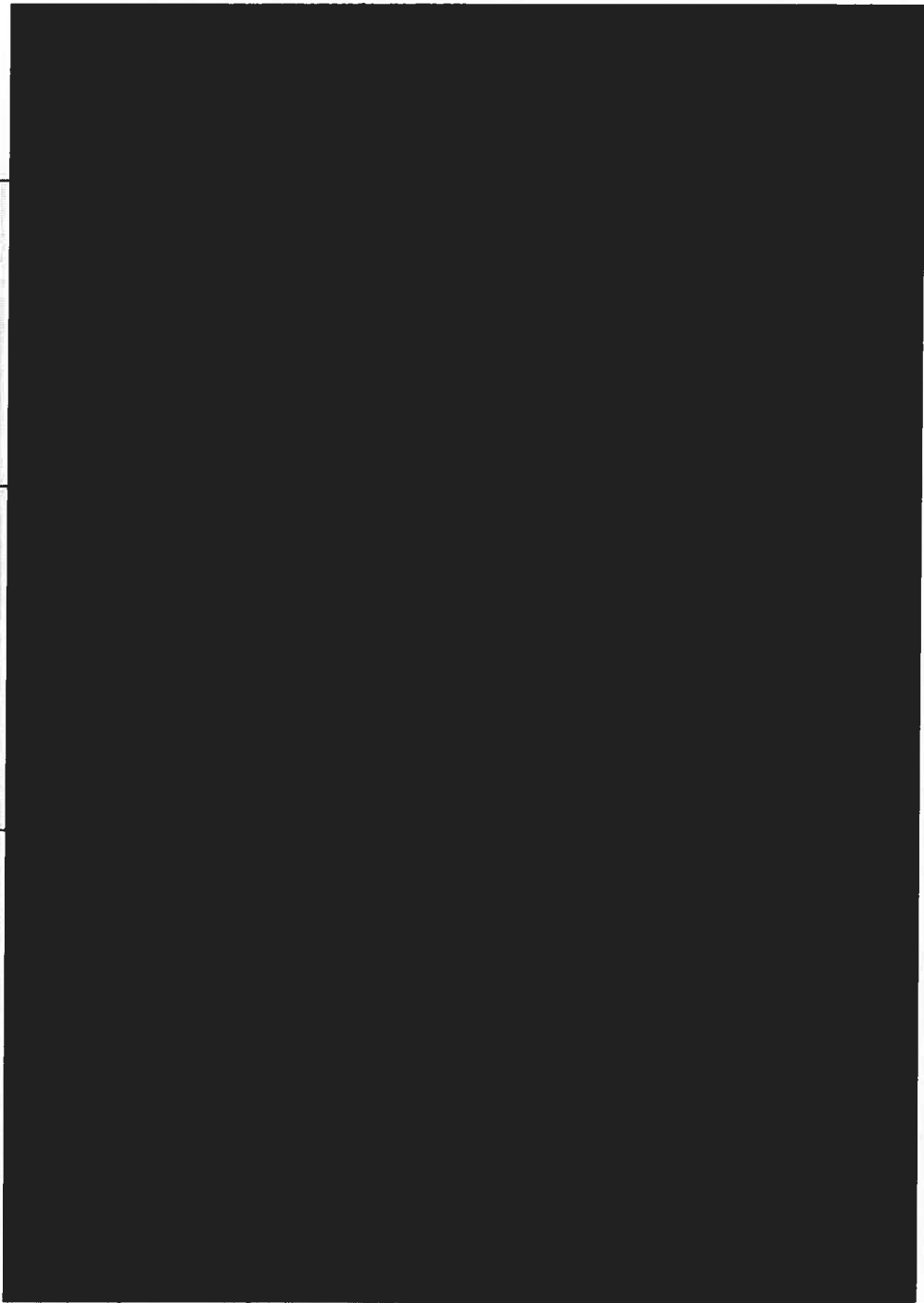
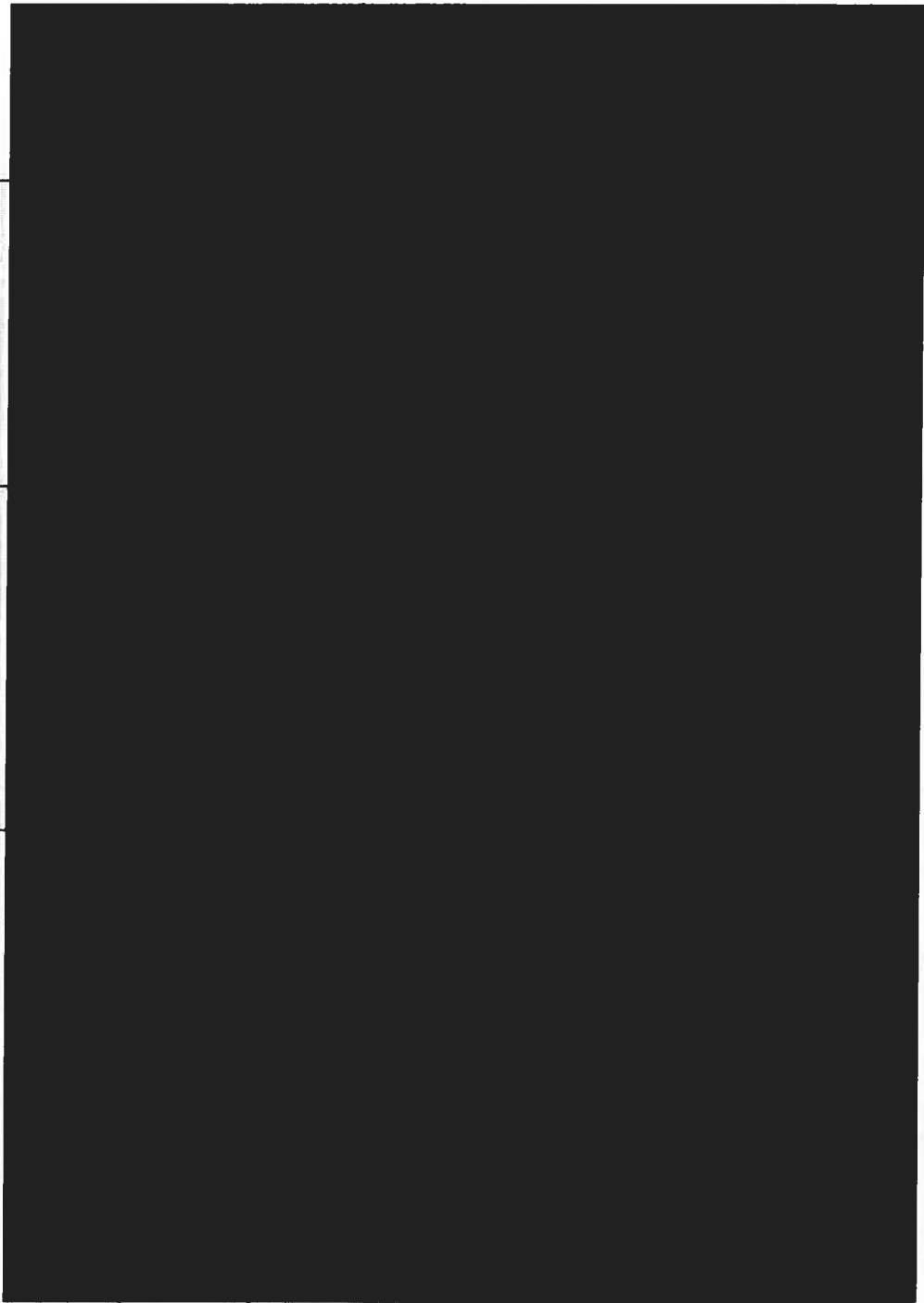
Public Information Centre #2
Thursday October 20th, 2011
4 – 8 p.m.
Espanola Recreation Complex, Espanola

SIGN-IN SHEET (PLEASE PRINT)

Name & Affiliation	Mailing Address	Email	Phone Number
OTSC			
Dennis Lindrum			
LARRY BECKS			
EARL HEARTY			
Roland Trappie OFAH			

Name & Affiliation	Mailing Address	Email	Phone Number
JAMICTON			
CAROLYN HUNT VALE			
K Henson			
Kest Nagabow			
VERMILION RIVER STEWARDSHIP			
Kelly Edwards	Kelly		
Andy Zanda	Andy		



Name & Affiliation	Mailing Address	Email	Phone Number
Chris Spencer <i>Spencer</i>			
Jane Kilbey			
Russ Harrington			
MARTE J. HOLUKA			
Rita Galtor			
ASIANLEY			
<i>James L. [Signature]</i>			

Name & Affiliation	Mailing Address	Email	Phone Number
Roger Jacklin Nogansh O.R.A. Ken Dupresk			
Robert Rowe			
Von Picard Sandy Picard			
Shirley Ludlow			
Sharon Semenik.			
Todd Sharon			



5160 Yonge St., Suite 520, Toronto, ON M2N 6L9
tel 416-590-9362 fax 416-590-9955 www.xeneca.com

**Class Environmental Assessment for Waterpower Projects
For the Proposed Wabagishik Rapids Development
Wabagishik Rapids GS**

COMMENT FORM

Public Information Centre
Espanola Recreation Complex
October 20th, 2011

THANK YOU for attending our Public Information Centre for the proposed Wabagishik Rapids GS project on the Vermilion 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 _____

Interest Group Member _____

Aboriginal Community Member _____

Interested Community Member ☒ _____

Government Representative _____

Other (please specify) _____

Please specify how you heard about this Public Information Centre:

Newspaper Ad ☒ _____

Other Media _____

Xeneca Website _____

Other (please specify) _____

Did you find the Information display panels and maps helpful in explaining the project?

YES/NO ☒

Were Xeneca staff members able to adequately answer your questions?

YES/NO ☒

If you have any 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:

Xeneca Power Development
C/O Stephanie Hodsoll

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: Please post response in turtle

Address & Postal Code: Island News or send

response to all First Nations involved. 11
Unfortunately, when I posed questions
and concerns - I got the standard:
"Let me take your name and number
and we'll get back to you on that."
Recently I had the privilege of attending
the 11th Annual Power of Water Conference
in Niagara. Paul Norris the President
of the OWA said that respect was
formed with Aboriginals and through this
a good relationship has been formed...
This is through trust + honesty - if those
aren't there / or they have been broken
it would be hard to get those back - if not
impossible. It is a certainty that Aboriginal
relations must stay good or we cannot move on.
Land claim is in process for this project and
1-trust is not there, 2-respect is gone and
it may never come back, this must be fixed
before proceeding. When the land claim is
settled it is then possible - for now FN's
will prevent this...
When the environment is changed - yes



5160 Yonge St., Suite 520, Toronto, ON M2N 6L9
tel 416-590-9362 fax 416-590-9955 www.xeneca.com

**Class Environmental Assessment for Waterpower Projects
For the Proposed Wabagishik Rapids Development
Wabagishik Rapids GS**

COMMENT FORM

Public Information Centre
Espanola Recreation Complex
October 20th, 2011

THANK YOU for attending our Public Information Centre for the proposed Wabagishik Rapids GS project on the Vermilion 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 ☒

Interest Group Member ☐

Aboriginal Community Member ☐

Interested Community Member ☐

Government Representative ☐

Other (please specify) ☐

Please specify how you heard about this Public Information Centre:

Newspaper Ad ☒

Other Media ☒

Xeneca Website ☐

Other (please specify) 2010/01

Did you find the information display panels and maps helpful in explaining the project?

☒ YES / ☐ NO

Were Xeneca staff members able to adequately answer your questions?

YES / ☒ NO

If you have any 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:

Xeneca Power Development
C/O Stephanie Hodsoll

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: _____

Address & Postal Code: _____

This image shows a single sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There is no handwriting or other markings on the paper.



Wabagishik Rapids Hydroelectric Project Questionnaire

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

I visit the 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)

WABAGISHIK
YEAR ROUND.

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

- ☒ General nature appreciation
☒ Enjoy visual aspects of Wabagishik Rapids
☒ Canoeing/kayaking/recreational use
☒ Picnicking
☒ Camping

If you camp, whereabouts do you set up? WE OWN OVER 450 ACRES
ON LAKE

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

☒ Hunting

For what animals? MOOSE & DEER
Upstream or downstream of project site? BOTH

☐ 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 Vermilion? 40 KILOMETERS

1. How is the Vermilion River important to you? How is the Wabagishik Rapids site (specifically) important to you? Is it for past or present reasons?

ASIDE FROM THE NICEST PLACE ON THE RIVER, WE FISH IT A LOT AND SWIM PART OF THE RAPIDS

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?

WE FISH WEEKLY FOR TROTHERA & BASS TO EAT & CATCH FOR SPORT.

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

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

LOTS

5. How do you believe that the area around the Wabagishik Rapids 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

IT IS OUR BEST FISHING & HUNTING AREA. WE SWIM THE POOLS BEAUTIFUL CAMPING AREA.

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.

NIL



Wabagishik Rapids Hydroelectric Project Questionnaire

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

I visit the 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)

THERE ALL THE
TIME
WABAGESHIC
LAKE

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

- ☒ General nature appreciation
☒ Enjoy visual aspects of Wabagishik Rapids
☐ 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? MOOSE DEER

Upstream or downstream of project site? UP

☐ Trapping

What animals do you trap? _____

Upstream or downstream of project site? _____

☒ Snowmobiling

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

☐ 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 Vermilion? _____

1. How is the Vermilion River important to you? How is the Wabagishik Rapids site (specifically) important to you? Is it for past or present reasons?

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?

PICKERAL PIKE BASS
PERCH

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

ALL

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

LOTS

5. How do you believe that the area around the Wabagishik Rapids 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

WILL RUIN
THE LAKE HOLD BACK
ALL THE BAD WATER
TOO LONG

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.

NO



Wabagishik Rapids Hydroelectric Project Questionnaire

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

I visit the 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 4 day(s)/week(s)

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

☒ General nature appreciation

☒ Enjoy visual aspects of Wabagishik Rapids

☒ 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? _____

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): Snowmobile)

___ 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 Vermilion? _____

1. How is the Vermilion River important to you? How is the Wabagishik Rapids 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?
3. What goods/services would you procure for a trip to the Vermilion (eg. Hotel, food, outfitting, gas, bait, fishing license, etc.)
4. How much money do you spend on an average trip to the Vermilion River? How long would such a visit be?
5. How do you believe that the area around the Wabagishik Rapids 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 _____

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.



Wabagishik Rapids Hydroelectric Project Questionnaire

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

I visit the Vermilion River:

- ☐ One time per year for _____ day(s)/week(s)
☒ 2-5 times per year for 5 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 Vermilion River include (check all that apply):

- ☐ General nature appreciation
☐ Enjoy visual aspects of Wabagishik Rapids
☐ 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? _____

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): To enjoy our property on the lake

How many kilometers do you travel to visit the Vermilion? 40

1. How is the Vermilion River important to you? How is the Wabagishik Rapids site (specifically) important to you? Is it for past or present reasons?

My grand parents home & located in the 20's.
We have used the property since the 30's

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?

Only occasionally.

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

Gas, food supplies

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

2 \$00.00

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

Not significantly.

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

Not sure yet what
the implications / impact are will be!

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

The loss of the rapids

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

~~Not~~ Not sure



Wabagishik Rapids Hydroelectric Project Questionnaire

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

I visit the 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 Vermilion River include (check all that apply):

- ☒ General nature appreciation
☒ Enjoy visual aspects of Wabagishik Rapids
☒ 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? _____

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): CAD - LAM DIVER

How many kilometers do you travel to visit the Vermilion? FIVE (5)

1. How is the Vermilion River important to you? How is the Wabagishik Rapids site (specifically) important to you? Is it for past or present reasons?

IT IS A PART OF MY FISHING AREA, PAST + PRESENT

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?

YES, OFTEN, PIKE, BASS, PICKEREL - ONCE IN A WHILE

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

4. How much money do you spend on an average trip to the Vermilion River? How long would such a visit be? TWO - THREE HOURS EACH TRIP - AMT. SPEND?

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

RECREATION

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 NOT ENOUGH INFO RE: LONG TERM
EFFECT

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

YES, IT WILL HAVE BOTH UPSTREAM AND DOWNSTREAM EFFECTS ON HUMAN
WILDLIFE AND RIVER LIFE. THE PROJECT IS BEING PUSHED THROUGH WITHOUT RESEARCH

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

SHORT TERM GAIN



Wabagishik Rapids Hydroelectric Project Questionnaire

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

I visit the 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)

All year, home there

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

- ☒ General nature appreciation
☒ Enjoy visual aspects of Wabagishik Rapids
☒ 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? *Partridge deer*

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 Vermilion? _____

1. How is the Vermilion River important to you? How is the Wabagishik Rapids site (specifically) important to you? Is it for past or present reasons?

We can't afford to have water level any higher or lower than we already experience.

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?

Pickeral, bass. The whole season

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

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

Live there, bought a phontoon boat to enjoy it all.

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

We have constant visitors to the area. Fishing, visiting, camping etc.

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

Can't have water not flowing freely. Effect fish habitats, algae growth & water quality.

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

Water levels in Spring & fall. Spawning areas. Effect on wildlife habitats & travel habits

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

No.



Wabagishik Rapids Hydroelectric Project Questionnaire

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

I visit the 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 Vermilion River include (check all that apply):

- ☐ General nature appreciation
☐ Enjoy visual aspects of Wabagishik Rapids
☐ 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? _____

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 Vermilion? _____

- Please state your reason(s) for your opinion. lake levels - w.r.t they
be higher? lower. How much water will be held
backed for how long.

- _____

- _____
- _____
- _____
- _____



Wabagishik Rapids Hydroelectric Project Questionnaire

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

I visit the 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 Vermilion River include (check all that apply):

- ☒ General nature appreciation
☒ Enjoy visual aspects of Wabagishik Rapids
☐ 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? BIRDS - PARTRIDGE

Upstream or downstream of project site? DOWN STREAM

☐ 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 Vermilion? _____

1. How is the Vermilion River important to you? How is the Wabagishik Rapids site (specifically) important to you? Is it for past or present reasons?
- I AM CONCERNED ABOUT THE FLOW OF WATER AND THE AREA BEING AFFECTED BY DIFFERENT LEVELS OF WATER.
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?
- WE FISH DOWN STREAM FROM THE PROJECT - WE FISH ALL SUMMER AND IN THE FALL TILL THE COLD WEATHER END OF OCTOBER.
3. What goods/services would you procure for a trip to the Vermilion (eg. Hotel, food, outfitting, gas, bait, fishing license, etc.)
- GAS - FISHING LICENCE BAIT.
4. How much money do you spend on an average trip to the Vermilion River? How long would such a visit be?
5. How do you believe that the area around the Wabagishik Rapids site contributes to the local economy?
6. What is your opinion of the hydroelectric project? Are you:

opposed to	<input type="checkbox"/>	<i>NOT ENOUGH INFORMATION AT THIS TO COMMENT.</i>
in favour of	<input type="checkbox"/>	
neutral	<input type="checkbox"/>	

Please state your reason(s) for your opinion *I AM A RESIDENT ON THE SPANISH RIVER - IOS*

7. Do you have any concerns about the development of the project site?
MY CONCERNS AT THIS TIME IS THAT ~~IS~~ MOVING TO FAST THE PROJECT IS MOVING TO FAST.
8. Do you believe the project will have any benefits locally? If so, please describe.

Marc Samson
& Pat Samson



Wabagishik Rapids Hydroelectric Project Questionnaire

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

I visit the 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)

primarily from May to
October every day
as we live there

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

- ☐ General nature appreciation
☐ Enjoy visual aspects of Wabagishik Rapids
☐ Canoeing/kayaking/recreational use
☐ Picnicking
☒ Camping

If you camp, whereabouts do you set up?

Wabagishik Lake

☐ Fishing (if please see question 2 on reverse)

☒ For pleasure ☐ For livelihood

☒ Hunting

For what animals?

Partridge

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):

Downa camp on the lake

How many kilometers do you travel to visit the Vermilion?

52 km round trip
from Espanola

1. How is the Vermilion River important to you? How is the Wabagishik Rapids site (specifically) important to you? Is it for past or present reasons?

It feeds the lake where we live 5/6 months of the year

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?

- we fish the lake for pickerel & bass - 4 or 5 times a year - we eat what we catch

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

n/a

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

n/a

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

- it is still a pristine site for camping & fishing

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

because our concerns have not been addressed -

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

- specific concerns about water levels in the spring & its effect on our camp - also concerns about fish reproduction

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

- I see no benefits as far as I'm concerned -



Wabagishik Rapids Hydroelectric Project Questionnaire

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

I visit the 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)

live on the river

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

☒ General nature appreciation

☐ Enjoy visual aspects of Wabagishik Rapids

☒ 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? _____

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 Vermilion? *0 km*

1. How is the Vermilion River important to you? How is the Wabagishik Rapids site (specifically) important to you? Is it for past or present reasons?
we Fish, swim, canoe and enjoy the scenery and Wildlife (Bears, deer, racoons, Blue Heron, Geese, ducks...
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?
almost Daily, pike, pickerel, Bass, yes it is eaten
3. What goods/services would you procure for a trip to the Vermilion (eg. Hotel, food, outfitting, gas, bait, fishing license, etc.)
Fishing license + Bait
4. How much money do you spend on an average trip to the Vermilion River? How long would such a visit be?
I live on the river
5. How do you believe that the area around the Wabagishik Rapids site contributes to the local economy?
Hunting, fishing, camping, supplies, restaurant, gas,
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 the water levels, affect on natural habitats of wildlife, local economy downfall by affected wildlife

7. Do you have any concerns about the development of the project site?
Concern for the wildlife and ability to use the river for recreation purposes. The project is not totally transparent. What are the responsibility of environmental affects
8. Do you believe the project will have any benefits locally? If so, please describe.



Wabagishik Rapids Hydroelectric Project Questionnaire

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

I visit the 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)

Bait harvester -
will be affected
by power lines.

Robert
Rame

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

- ☐ General nature appreciation
- ☐ Enjoy visual aspects of Wabagishik Rapids
- ☐ 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? _____

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 Vermilion? _____

1. How is the Vermilion River important to you? How is the Wabagishik Rapids 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?
3. What goods/services would you procure for a trip to the Vermilion (eg. Hotel, food, outfitting, gas, bait, fishing license, etc.)
4. How much money do you spend on an average trip to the Vermilion River? How long would such a visit be?
5. How do you believe that the area around the Wabagishik Rapids 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 _____

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.



5160 Yonge St., Suite 520, Toronto, ON M2N 6L9
tel 416-590-9362 fax 416-590-9955 www.xeneca.com

**Class Environmental Assessment for Waterpower Projects
For the Proposed Wabagishik Rapids Development
Wabagishik Rapids GS**

COMMENT FORM

Public Information Centre
Espanola Recreation Complex

October 20th, 2011

THANK YOU for attending our Public Information Centre for the proposed Wabagishik Rapids GS project on the Vermilion 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 ☒

Interest Group Member ☐

Aboriginal Community Member ☐

Interested Community Member ☐

Government Representative ☐

Other (please specify) ☐

Please specify how you heard about this Public Information Centre:

Newspaper Ad ☐

Other Media ☐

Xeneca Website ☒

Other (please specify) invitation from Xeneca

Did you find the information display panels and maps helpful in explaining the project?

☒ YES ☐ NO

Were Xeneca staff members able to adequately answer your questions?

☒ YES ☐ NO

If you have any 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:

Xeneca Power Development

C/O Stephanie Hodsoll

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:

McSamson

Address & Postal Code:

My cottage on Wab sits at a lower proximity to the lake's water level than most other property owners on the lake. After having listened to the Seneca spokespersons, my wife and I are still opposed to the erection of a man-made obstacle that will affect the flow of water in the lake. Our concerns during the spring run-off have not been addressed to our satisfaction and we are really concerned about the effect the dam will have on high water levels especially during the spring run-off. There is also the factor of the ice in the run-off that is a second serious concern. In the 35 years that we have been on the lake, we were only flooded out once in 1985, the highest spring run-off year in recorded history. We have since made renovations to our camp to ensure that this doesn't happen again. We had a scare in 2002 which was partly caused the wall of ice that built up at

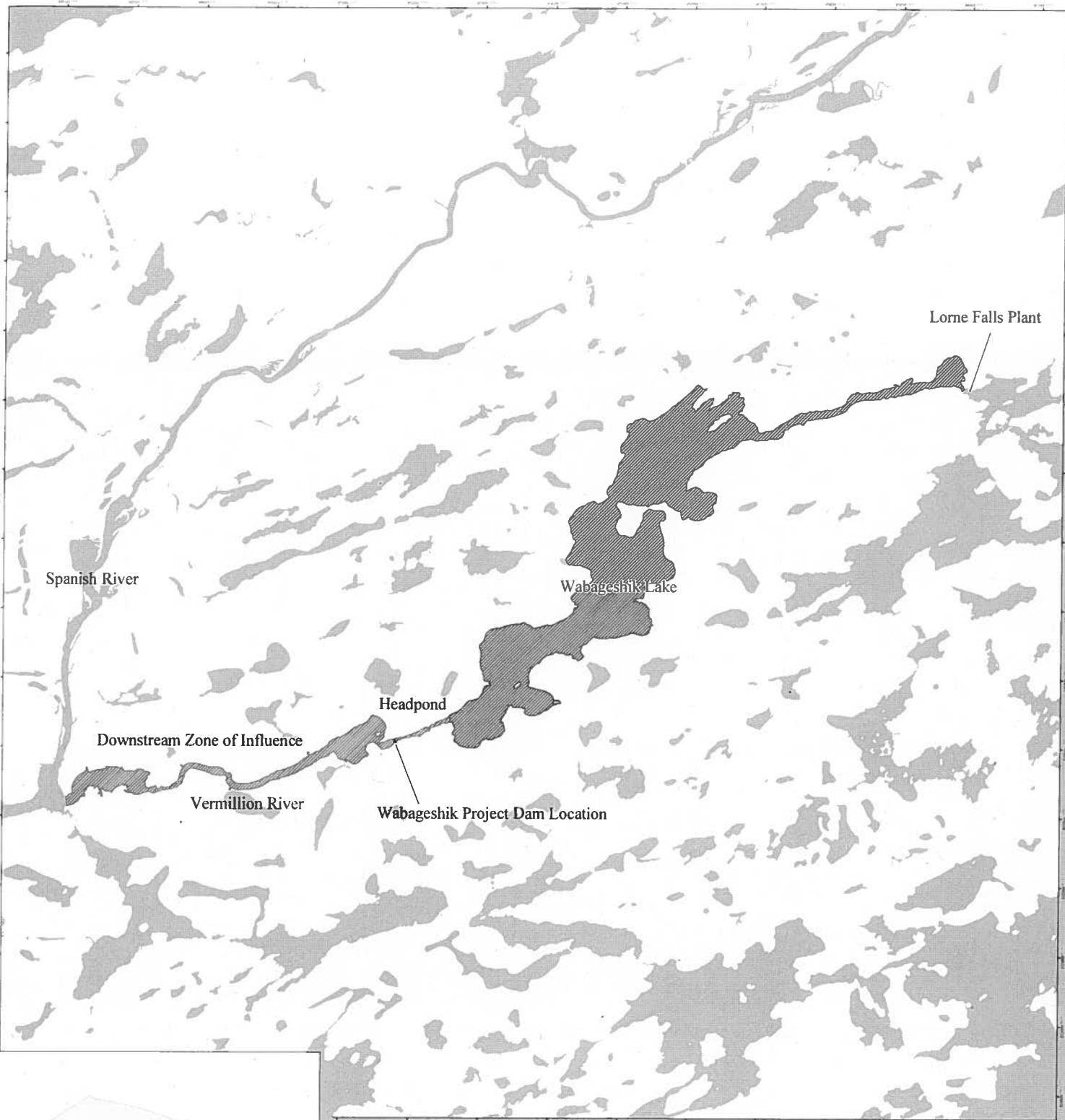
Page 2

the outlet where you propose to erect the dam. The flow of water at the Vale Inco power station at Lorne Falls is very much greater than the outflow at the headpond at the end of the lake. Water doesn't escape fast enough and we are at the mercy of mother nature every year that we have high fall rain levels, high snow content and high spring rains or a combination of all three of these factors. In listening to the Xeneca ^{planning} spokesmen, we didn't feel that there was any ^{planning} co-ordination between Vale Inco and Xeneca. And finally, we have concerns about the water levels of the lake with the proposed change of location of the dam. Putting it closer to the headpond in our minds means that the levels of water will fluctuate ~~is~~ even more so throughout the year.

In conclusion, as stated at the outset, we are opposed to the construction of the power dam on Wabagishik Lake.





Respectfully submitted
Patricia Samson & JMSamson

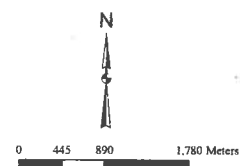
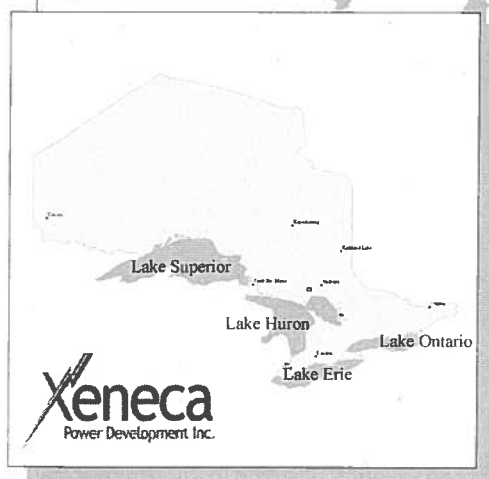
PIC
July 25, 2012



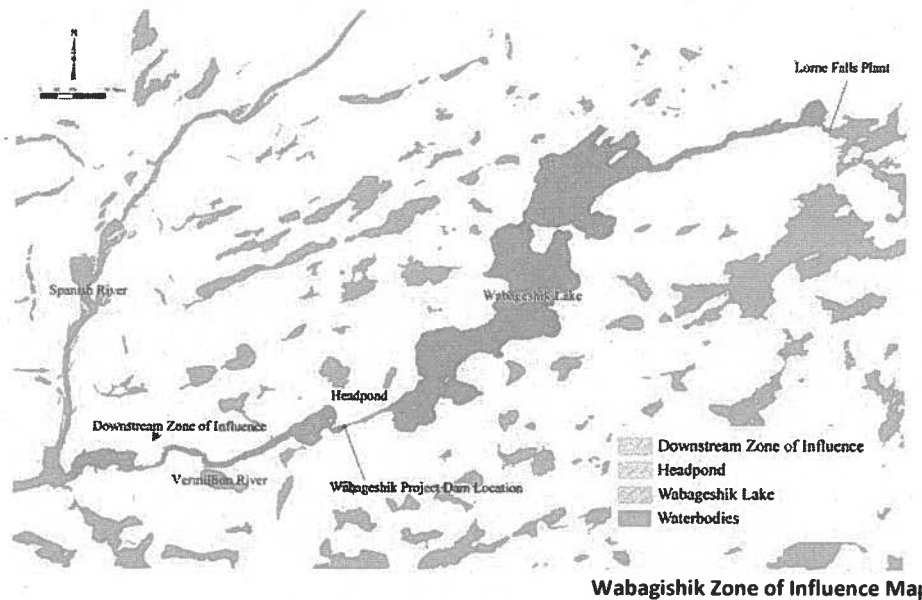
Reference data from the LIO, MNR, NRCan - UTM 17N - Produced by N Collard - Jul 13, 2012

Wabageshik: Zone of Influence

-  Downstream Zone of Influence
-  Headpond
-  Wabageshik Lake
-  Waterbodies



Please Join us at the Upcoming Public Information Centre for the Wabagishik Rapids Waterpower Project on the Vermilion River



Xeneca Power Development Inc. is holding a Public Information Centre (PIC) for the Wabagishik Rapids project, located on the Vermilion River west of the City of Sudbury and 600 m downstream of Wabagishik Lake. The headpond is connected to Wabagishik Lake and most of the time the project will follow natural lake level with a +/- 5 cm fluctuation in the lake level.

The facility will have a generating capacity of 3.4 MW. It is categorized as a project on a managed waterway and is subject to the Class Environmental Assessment for Waterpower Projects (2011) (Class EA) - for more information visit <http://www.owa.ca/class-ea/>.

Please join us at the PIC:

**Wednesday, July 25, 2012
4:00 p.m. to 8:00 p.m.
Espanola Recreation Centre
175 Avery Dr., Espanola**

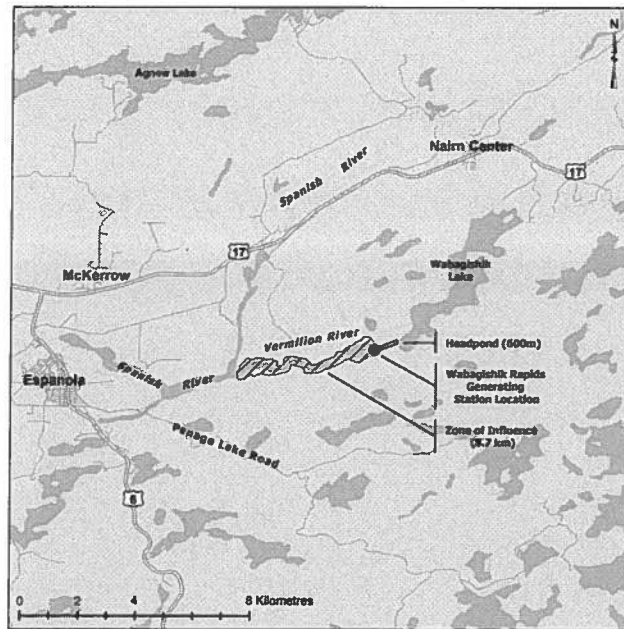
For more information, please contact:

Stephanie Hodsoll, Stakeholder Relations & Public Affairs Liaison, 416-590-3077,
shodsoll@xeneca.com.



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

Avis d'une séance d'information sur l'aménagement hydroélectrique de Wabagishik Rapids



Vermilion River	Rivière Vermilion
Wabagishik Rapids Generating Station Location	Emplacement de la centrale hydroélectrique Wabagishik Rapids

Xeneca Power Development Inc. vous invite à assister à sa séance d'information finale sur le projet de Wabagishik Rapids, situé sur la Rivière Vermilion à l'ouest de Sudbury et 600 m en amont de Wabagishik Lake. Cette centrale aura une puissance de 3,4 MW. Elle est classée comme projet sur un cours d'eau géré et est assujettie à une évaluation environnementale de portée générale pour projets hydroélectriques (2011) (catégorie EE) – pour plus de renseignements, visitez <http://www.owa.ca/class-ea/>.

Cette séance d'information vous donnera les tout derniers détails relatifs au processus de l'évaluation environnementale de portée générale de ce projet, vous donnera l'occasion d'en savoir davantage sur le projet et de voir les résultats de nos nouvelles études sur le terrain de 2011 et du printemps 2012. Nous invitons toute personne qui manifeste un intérêt envers ce projet à y assister et à nous faire part de ses commentaires. Le processus global de consultation de Xeneca ne prend pas fin avec cette réunion, car nous continuerons à communiquer régulièrement avec les intervenants tout au long des phases d'aménagement et d'exploitation. On peut obtenir d'autres renseignements sur le projet en consultant le site Web de Xeneca à www.xeneca.com.

Nous vous invitons à nous faire part de vos commentaires sur les questions qui seront abordées et à demander de figurer sur la liste d'envoi du projet. Pour des renseignements sur les propositions du projet, pour soulever des questions ou pour figurer sur notre liste d'envoi, veuillez communiquer avec :

Stephanie Hodsoll
Agente de liaison des relations avec les intervenants et des affaires publiques
Xeneca Power Development Inc.
Tél. : 416-590-3077 Téléc. : 416-590-9955
Courriel : shodsoll@xeneca.com

Venez nous rencontrer à la séance :

**le mercredi 25 juillet 2012
de 16 h à 20 h
Espanola Recreation Centre
175, promenade Avery, Espanola**

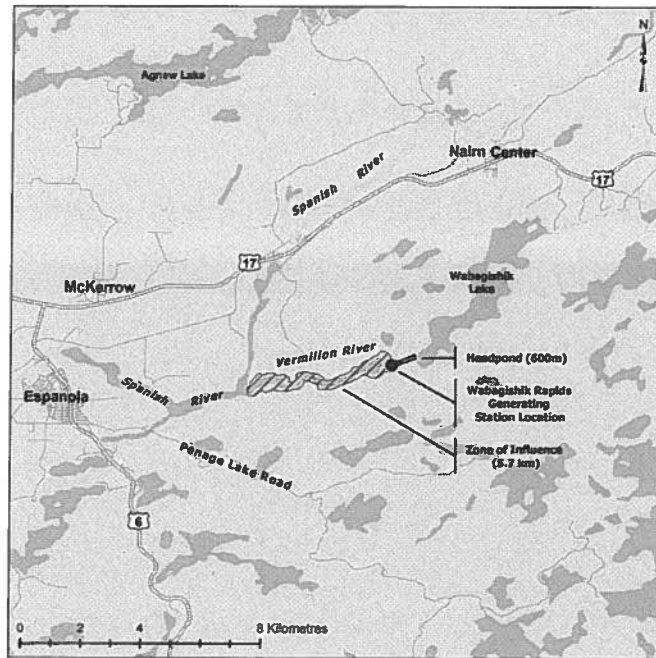
Nous fournirons de nouveau au public l'occasion de se faire entendre à l'étape de l'avis d'achèvement du processus, qui offre une période de 30 jours pour les commentaires sur le rapport environnemental.

En vertu de la *Loi sur l'accès à l'information et la protection de la vie privée* et de la *Loi sur les évaluations environnementales*, à moins d'indication contraire stipulée dans un mémoire, tout renseignement personnel tel le nom, l'adresse, le numéro de téléphone et l'emplacement de la propriété énoncé dans ce mémoire deviendra de notoriété publique à cet égard et pourra, sur simple demande, être divulgué à toute personne.



5255, rue Yonge, bureau 1200, North York (Ontario) M2N 6P4
tél. : 416-590-9362 téléc. : 416-590-9955 www.xeneca.com

Notice of Public Information Centre for the Wabagishik Rapids Waterpower Development



Xeneca Power Development Inc. invites you to attend our final Public Information Centre (PIC) for the Wabagishik Rapids project, located on the Vermilion River west of the City of Sudbury and 600 m downstream of Wabagishik Lake. The facility will have a generating capacity of 3.4 MW. It is categorized as a project on a managed waterway, and is subject to the Class Environmental Assessment for Waterpower Projects (2011) (Class EA) - for more information visit <http://www.owa.ca/class-ea/>.

This PIC will bring you up to date on the Class EA process for this project, give you an opportunity to learn more about the project, and view results from our new field studies from 2011 and spring 2012. We encourage everyone who has an interest in this project to attend and provide input. Xeneca's overall consultation process does not end with this meeting as we will continue to communicate regularly with stakeholders throughout the development and operational phases. Further project information can be obtained by visiting the Xeneca website at www.xeneca.com.

You are invited to provide comments on the issues to be addressed and/or to ask to be placed on the project's mailing list. For information on the project proposals, to raise any issues or concerns, or to be placed on the mailing list, please contact:

Stephanie Hodsoll
Stakeholder Relations & Public Affairs Liaison
Xeneca Power Development Inc.
T: 416-590-3077
F: 416-590-9955
E: shodsoll@xeneca.com

Please join us at the PIC:

**Wednesday, July 25, 2012
4:00 p.m. to 8:00 p.m.
Espanola Recreation Centre
175 Avery Dr., Espanola**

A further opportunity for public input will be provided at the Notice of Completion stage of the process, which provides a 30-day comment period for comments on the Environmental Report.

Under the *Freedom of Information and Protection of Privacy Act* and the *Environmental Assessment Act*, unless otherwise stated in the submission, any personal information such as name, address, telephone number and property location included in a submission will become part of the public record files for this matter and will be released, if requested, to any person.



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

Danielle Dempsey

From: Stephanie Hodsohl <SHodsohl@xeneca.com>
Sent: July-19-12 4:19 PM
To: Stephanie Hodsohl
Subject: Wabagishik Rapids - Zone of Influence
Attachments: 2012Jul13WabZOIMapUpdate2.pdf

July 19, 2012

Dear stakeholders,

Further to the Upcoming Public Information Centre (PIC) on July 25 at Espanola Recreation Centre for the Proposed Wabagishik Rapids Hydropower Project

Xeneca would like to confirm that Wabagishik Lake is within the Zone of Influence for this project. The headpond created at the weir could extend into Wabagishik Lake. Most of the time the project will follow natural lake level but there is a possibility for a small (+/- 5 cm) fluctuation in the lake level to occur.

Please see the attached map with more details on the full extent of the Zone of Influence for this project.

This map will also be on display at the PIC on July 25 in Espanola.
We would be pleased to answer any questions you have at that time.

For more details about the PIC, please visit <http://www.xeneca.com/home/Latest%20Updates/updates.html>

Again, we hope to see you at the PIC!

Cheers,
Steph

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



Class Environmental Assessment for Waterpower Developments
For the Proposed Wabagishik Rapids GS Project

Public Information Centre #3
Wednesday, July 25, 2012
4 – 8 p.m.

Espanola Recreation Complex, Espanola



SIGN-IN SHEET (PLEASE PRINT)

Name & Affiliation	Mailing Address	Email	Phone Number
L. AUBIER FALLOUEN MAYOR NAIRD CTR.	Town Office		
Rod MacDonagh Nairn Centre	Councillor		
John HEALY LAND/RIVER USER			



Name & Affiliation	Mailing Address	Email	Phone Number
Doug Santala Resident	[REDACTED]	[REDACTED]	[REDACTED]
Ed Santala Resident			



Name & Affiliation	Mailing Address	Email	Phone Number
Linda Kern Heron River House	Waltham		
Eric Calder USAC			
Parise DROLET MOE			
CAROLYN HUNT Vale			
Wayne Selinger MPR			
A. Stanley A. Stanley			
Jim Rook	ORA		

* email
prb.



Name & Affiliation	Mailing Address	Email	Phone Number
Philippe Fouquet Landanner.			
Sharon Semenick Danzon			
Rizpe			
Brian Turnbull MPR			
Russ Harewicks Penagg Rd CC			
DALE KILBEN WALDEN-CAN			
Chris Seitzer Espander MPR			



Name & Affiliation	Mailing Address	Email	Phone Number
Johnny Stoltz Landowner.			
Earl Hest			
Marc Samson			
Ernel Kingdon			
Kierann Santala			
Alban Rubin			



Class Environmental Assessment for Waterpower Developments
For the Proposed Wabagishik Rapids GS Project

Public Information Centre #3

Wednesday, July 25, 2012

4 – 8 p.m.

Espanola Recreation Complex, Espanola

SIGN-IN SHEET (PLEASE PRINT)

Name & Affiliation	Mailing Address	Email	Phone Number
EIJA NIETAHARJU BEAVER LAKE SPORTS & CULTURAL CLUB			
MALCOLM MOFFATT LOCAL 493 LABOUR/UNION			
AL GERBENTY Vale			



Name & Affiliation	Mailing Address	Email	Phone Number
ALAN CANNARD ESPANOLA REG'L HYDRO			
ALAN BASSO CABA			
ROD BASSO WABA			
Joim Dier			
Neeke Van Rook Walden CAS			
Lesley Flowers			
MARTE HOEOUKA			

Notes from July 25 Public Information Centre

Wabageshik GS

Espanola, Ontario

4 p.m. to 8 pm.

In total, about 35 people including representatives of various provincial regulatory agencies attended the Public Information Centre (PIC) held at the Espanola Community Centre in Espanola. These numbers are down slightly from the last PIC held on October 20, 2011 in Espanola where 43 people were in attendance.

A broad spectrum of questions were asked in relation to the project and how it will be developed and operated. Some of the topics included:

- Decommissioning of the site
- Environmental effects
- Water level fluctuations on Wabagishik Lake
- Effects on Vale Inc. upstream waterpower project at Lorne Falls
- Effects on downstream users (Domtar) at Espanola
- Impact on fisheries
- Vermillion River Stakeholders Committee

Among those attending the meeting was Laurier Falldien, Mayor of Nairn Centre which is the community closest downstream to the physical location of the project. Mayor Falldien acknowledged recent correspondence from Nairn Centre in which opposition to the project was expressed. It was noted the correspondence was generated following presentations from the Ontario Rivers Alliance (ORA) which opposes all of Xeneca's waterpower projects, and Mayor Falldien indicated that Xeneca should have an opportunity to present its information to the Town.

Mayor Falldien posed questions regarding Xeneca's Decommissioning plans for the site to which M. Holmes responded with the following points:

- Xeneca does not plan to decommission the plant in the foreseeable future as Xeneca has a 40 year contract with the province to provide power, and that, with maintenance and upgrades, the plant can reasonably be expected to last upward of 80 to 100 years.
- It was noted that throughout its lifespan, a maintenance and upgrade fund will be in place for the facility and that it is possible that funds for eventual decommissioning could come from that pool of funds.
- Should decommissioning ever occur, Xeneca has committed to meet the decommissioning standard of that time.

Points were also raised regarding global warming and prolonged or permanent reduction in water flow in the river. M. Holmes observed that the economic model for the Wabagishik and other Xeneca projects takes into consideration periods of lower flows and that design elements can be incorporated into the plan in order to operate at lower flows.

Attending on behalf of Vale was Al Gereghy and Carolyn Hunt. Mr. Gereghy requested LiDAR data and flow modeling in order to assess if Xeneca's operating levels would have any impacts on Vale's Lorne Falls GS. LiDAR data was requested to assist Vale with investigation to make structural changes to its plant.

The requested information was forwarded from Xeneca to Vale on July 26, 2012.

Representing Domtar, Sharon Semeniuk, posed questions on Xeneca's downstream effects. She noted that, despite the warm summer and low rainfall during the year, previously seen low water levels have not yet been seen at their mill site in Espanola.

Ms. Semeniuk asked for Xeneca's Draft Operating Plan which was forwarded to her on July 26, 2012. Ms. Semeniuk indicated that she would provide Xeneca with flow data recorded at Domtar's 8 MW power plant in Espanola.

Linda Heron told M. Holmes that she would be resigning from the Vermilion River Stewardship Committee (VSAC.) M. Holmes asked Ms. Heron to reconsider as her voice should be heard on the Committee.

Mr. Heron is claiming that fellow Committee member, Professor Charles Ramcharan, was in a conflict of interest position because there is potential for Xeneca to help fund environmental studies at the university. Ms. Heron acknowledged receipt of a letter for Committee chair Erin Calder in which it was noted that any funding would be transparent and publicly disclosed and that such funding regularly occurs without conflict positions arising.

Ms. Heron was adamant that the committee has no integrity and she would not reverse her position. M. Holmes reiterated regret that Ms. Heron was resigning her position.

Responding to questions on fisheries, M. Holmes noted that the plant location was moved to ensure minimal impact on a spawning site and that operations would be adjusted to ensure that adequate flows would be maintained during the spawning period.

Several cottagers expressed interest in lake levels on Wabagishik Lake. M. Holmes explained that plant operations would ensure that lake levels will be maintained within natural seasonal lake levels and that only when lake levels are at extreme lows will Xeneca deviate from the plan. During extreme low lake levels, Xeneca will maintain levels slightly above the season low. The plan will ensure better navigation in shallow areas.

Daily fluctuation of the lake by plus or minus 5 centimeters is within the natural daily water level fluctuations caused by wind and wave action.



5255 Yonge St., Suite 1200, North York, ON M2N 6P4
tel 416-590-9362 fax 416-590-9955 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: MAYOR LAURIER FAUDON - Nain

Address & Postal Code: Have studies been done
previously on dams of this size on
① Mercury levels in downstream fish.
② Blue/Green Algae in holding ponds.

How will Xeneca be held responsible
if they don't adhere to the promised
lake level fluctuations - Will property
owners be compensated in the event
of property loss - Why is there not
the consideration of "fish ladders"
in the construction process.

ASIDE FROM INCOME FROM SALE OF
POWER How much PROVINCIAL
+ FEDERAL INCENTIVES (\$) has
and will XENECA receive.
Should be public disclosure



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

**Class Environmental Assessment for Waterpower Projects
For the Wabagishik Rapids Project**

COMMENT FORM

Public Information Centre
Espanola Recreation Complex, Espanola
July 25, 2012

THANK YOU for attending our final Public Information Centre for the proposed Wabagishik Rapids project on the Vermilion River. We hope that you had the opportunity to learn more about our company, the 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_____

Interest Group Member_____

Aboriginal Community Member_____

Interested Community Member_____

Government Representative ☒

Other (please specify)_____

Please specify how you heard about this Public Information Centre:

Newspaper Ad_____

Other Media_____

Xeneca Website ☒

Other (please specify) word of mouth

Did you find the information display panels and maps helpful in explaining the project?

☒ YES ☐ NO

Were Xeneca staff members able to adequately answer your questions?

Some

YES/NO

If you have any 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:

Xeneca Power Development
C/O Stephanie Hodsoll
5255 Yonge St. 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