

## Appendix B

### Record of Agency Consultation

## **Muriel Kim**

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**From:** Samson, Joanna (MNR) [joanna.samson@ontario.ca]  
**Sent:** August 19, 2008 9:15 AM  
**To:** Peter Boldt; Tami Sugarman  
**Cc:** Moreau, Paul (MNR); Hyde, Al (MNR); Beal, Jim (MNR); Giesler, Tom (MNR); Paroschy, Nick (MNR); Punt, Kirby (MNR)  
**Subject:** Clear Pointe Small Hydro Project (RPG)

Hi Peter,

Further to our telephone discussion earlier this afternoon, after careful examination of the project and initial drawings, MNR will not require RPG to go through the Direct Site Release process for the Clear Pointe Small Hydro Project, as:

- 1) Although the Crown owns the bed, there is no reasonable expectation that there will be Crown land required to complete this project as the banks are in private ownership. The only possibility of a crown disposition may be at the tailrace (and this could be easily avoided).
- 2) We are not allocating or sterilizing the opportunity for anyone else to pursue a water power development at this site. Due to the ownership of the banks, bed, existing power facility, and existing dams, no one else (except the applicant) can pursue this opportunity.

MNR still has legislated requirements for this project in terms the Lakes and Rivers Improvement Act as well as our commitments under MOE's Environmental Assessment process.

If you have any further questions at this time, please do not hesitate to contact me.

Thanks

Joanna

### **Joanna M. Samson**

Water Resources Coordinator

Ministry of Natural Resources

Pembroke District

Ph: 613.732.5593

Fax: 613.732.2972

Email: [joanna.samson@ontario.ca](mailto:joanna.samson@ontario.ca)

April 24, 2009

Ms. Joanna Samson, Water Resource Coordinator  
Ministry of Natural Resources  
Pembroke District Office  
31 Riverside Drive  
Pembroke, Ontario  
K8A 8R6

**Re: Early Notification of Proposed Waterpower Project - Bonnechere River  
Renfrew Power Generators Inc. Clear Point GS Waterpower Project**

**Dear Ms. Samson:**

This letter is to advise you that the proponent, Renfrew Power Generation Inc. (herein referred to as RPG Inc.), has plans for the development of a new hydroelectric generating station (Clear Point GS) downstream of two existing dams (#1 and #2) owned and operated by the proponent on the Bonnechere River in the Town of Renfrew, Ontario. The attached figure indicates the location of the project site along with other existing RPG Inc. infrastructure. RPG Inc. intends to construct the Clear Point GS while maintaining operation of its existing facilities at Dam #1 and Dam #2. The GS will operate as a run-of-river system and will be in operation continually except in circumstances of very low river flow.

The intake of the proposed Clear Point GS is to be in the existing canal immediately upstream of the RPG Inc. #1 powerhouse while the construction of the new powerhouse is proposed downstream from the #2 dam. A new connection point with Renfrew Hydro Inc. is planned for the south side of the river within 100 meters of the new GS.

This development will employ the full practical head and flow in the Bonnechere River at the Clear Point site, helping to provide additional power to the Town of Renfrew and reduce greenhouse gases by displacing coal-fired generation. The proposed facility will have an installed capacity of 4MW (52% capacity) and would comprise a single power plant and 44 kV transmission link.

RPG Inc. owns all of the property on the side of the Bonnechere River that constitutes the project area. The bed of the Bonnechere River at the project site is owned by the Crown. It was determined by the Ministry of Natural Resources in August 2008 (see correspondence enclosed) that the Direct Site Release process for the Clear Point GS waterpower project is not required and the project may proceed directly to the EA planning process.

The proponent is aware that requirements still exist for this project under other legislation (i.e. the *Lakes and Rivers Improvement Act*) as well as commitments under the provincial and federal environmental assessment processes. The environmental assessment (EA) process for any electricity generating project in Ontario is overseen by the Ontario Ministry of the Environment's Environmental Assessment and Approvals Board (EAAB) and mandated by the Electricity Projects Regulation (Ont. Reg. 116/01) pursuant to Ontario's *Environmental Assessment Act*. According to this regulation, waterpower electricity projects generating <200 MW, fall under the Category B projects as set out in the Guide to Environmental Assessment Requirements for Electricity Projects. As a proposed Category B waterpower project the Clear Point GS project is required to follow the new Ontario Waterpower Association's Class Environmental Assessment (OWA Class EA) for Waterpower Projects (October 2008). The OWA Class EA was created to streamline the approval process for hydroelectric generating projects. The generating station proposed at the Clear Point site is further categorized as "associated with existing infrastructure" under this process.

Additionally, the newly proposed Bill 150 (February 23, 2009), *Green Energy and Green Economy Act* (GEA) proposes an even more streamlined approvals process referred to as the Renewable Energy Approvals (REA) process. The government's is moving forward quite quickly with the planned passing of Bill 150 as early as June 2009. In the meantime, the proponent will follow the planning process under the OWA Class EA approvals process.

Through the course of the OWA Class EA the consulting team will undertake the identification and evaluation of conceptual designs for the proposed GS. The proposed project will be examined during the EA process in regard to the potential impacts to the surrounding environmental (natural, socio-cultural and economic) setting.

In the near future, the proponents will be issuing a Project Description and Environmental Context of the project site to initiate Phase 1 (Project Concept) of the OWA Class EA planning process. The project description will provide more detailed information on the undertaking, delineate the study area, identify perceived potential impacts and benefits associated with the initiative and include early avoidance/prevention/mitigation concepts.

We trust that this preliminary information is adequate at this time. We would appreciate if you could inform the undersigned of the names and details of contacts from your organization that should be involved in the consultation program for this project. In addition, the proponent would be grateful if your organization could offer any further guidance in relation to environmental planning during the transitional period leading to the proposed (REA) streamlined planning process.

RPG Inc. looks forward to meeting with you to plan this project in an environmentally responsible and efficient manner. Please do not hesitate to contact the undersigned if you have any questions or require additional information at this time.

Yours Truly,



Tami J. Sugarman  
Approvals Coordinator  
OEL-HydroSys Inc.

Encl.

cc. Paul Norris, President, OWA

*Ref: OE7350 Early Notification Letter Samson April 24-09.doc*

## Muriel Kim

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**Subject:** FW: Preliminary MNR comments (Biological) for the Clear Point Development & Renfrew GS re-development Project  
**Attachments:** MNR Comments (biological) for Clearpoint & Renfrew Upgrade\_June 26.2009.doc

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**From:** Samson, Joanna (MNR) [<mailto:joanna.samson@ontario.ca>]  
**Sent:** June 26, 2009 12:33 PM  
**To:** Tami Sugarman  
**Cc:** Hyde, Al (MNR)  
**Subject:** Preliminary MNR comments (Biological) for the Clear Point Development & Renfrew GS re-development Project

Hi Tami,

As promised, please find attached comments from MNR staff regarding the Project Description and Existing Conditions Summary that was received early June for the Clear Point Development & Renfrew GS Re-development.

Please be aware that meeting being next Tuesday (June 30, 2009 from 10am-12noon) is for a preliminary discussion regarding the biological (aquatic/terrestrial) components/requirements for this project. With the presence of the American Eel documented at the site, MNR is still working through a number of questions as it relates to eel, the ESA (permits & agreements), and eel passage. We likely will not have all of the answers for our discussion on Tuesday. We do anticipate having someone from our provincial Species at Risk Unit attending the meeting via telecon.

Neither Ken McWatters nor Nick Paroschy are available for this meeting however; due to the focus of this meeting, comments from them will be put forward at the multi-agency EA kick-off meeting.

Please call if you have any questions. I am out of the office on Monday so you'll have to catch me this afternoon if necessary.

Thanks,  
Have a nice weekend!  
Joanna

**Joanna M. Samson**  
Water Resources Coordinator  
Ministry of Natural Resources  
Pembroke District  
Ph: 613.732.5593  
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**MNR Pembroke District Review & Preliminary Comments**

***Project Description & Existing Conditions Summary For RPG Development of the Clear Point Generating Station and the Redevelopment of Existing Renfrew Generating Stations:***

The reports were reviewed by Kirby Punt (Area Biologist), Lauren Trute (SAR Biologist), Amy Cameron (Planning Ecologist), Daryl Coulson (District Ecologist), Joanna Samson (Water Resources Coordinator), Pat Soulliere (Senior Lands & Waters Tech) and Al Hyde (Area Supervisor).

The following is a summary of the comments made based on the review of the material provided. Overall, the comments pertain for the most part to the presence of Butternut and American Eel and other species of concern. Other issues/comments from our review may be brought up during the meeting on June 30, 2009.

**Butternut**

Butternut are present in the area of study and have been identified in the existing conditions summary.

The proponent will have to complete a butternut health assessment. The original assessment will have to be redone for the study area by an official butternut health assessor that has taken the training, signed a code of ethics, etc. . We can provide you with a list of qualified people, however it is our understanding that Michelle Lavictoire is on the list for this years training.

All trees no matter status and age have to be assessed if they are potentially to be harmed/removed by the proposed activity. The assessment will also need to take into consideration any new regeneration that has happened over the last 2 years and any trees that may have declined and may no longer be considered retainable.

If the trees come back as non-retainable (not healthy), then they can be removed. If the trees come back as retainable, then the proponent can apply for a permit to remove the trees, which will have terms and conditions associated with it.

**American Eel**

The American Eel is listed as Endangered under the ESA. A recovery team is in place and they are currently working on a recovery strategy with the Ottawa River and its tributaries as a focus of the recovery efforts. Ensuring passage at new facilities or during upgrades of existing facilities, regardless of location within a watershed will be key in the recovery of the species.

American eel have been documented below the dam in Renfrew. Most current record is 2006 and Kirby Punt has interviewed many other anglers who have caught eel below Renfrew as well one individual who caught three in one night.

The fishery assessment in 2007 would not have captured any eel mainly due to the technique used (i.e. gillnets). Some evening searches could be done in the shallow pools and rocks below the dam in search of small elvers. Kirby Punt has interviewed Fish and Game club individuals that have observed them below the dam in the past.

Under the ESA existing facilities that are impacting eel must enter into an agreement by 2011. New facilities must have a permit under the ESA. We are unclear as to how this project in Renfrew will be considered. A new facility is being built; however, it is being built in association with an existing facility that will also undergo upgrades. As such, we are not exactly sure how this will play out for this project at this time. Further discussions with our SAR Unit are necessary.

#### Other species of concern

- There is a the potential for River Redhorse to be in the area, yet there is no mention of it in the existing conditions summary
- Sturgeon have been document in the Bonnechere River at the First Chute. There is the potential that they may be in the study area.
- Map turtle (special concern) have been documented at the First Chute on the Bonnechere River and may be in the study area. They have not been identified.
- There is the potential for ribbon snake (Special concern) to be in the area as well.
- Bald eagle is known to use the area (Phillip Shrive Memorial Bridge – crosses over the Bonnechere) but are not documented in the existing conditions report.

#### Comments/questions specific to the documents

***Project Description Prepared by OEL-HydroSys Inc (May 2009)*** *These 3 points can be explained in further detail by District Ecologist Daryl Coulson and an approach can be discussed.*

- Section 2.2 Project Activities – potential impacts from construction phase (pg 13) under item 3 should be broadened to consider Species of Conservation Concern (S1-S3 ranked species) rather than SAR only. Remove reference to Butternut only, as it should be for all species. Item 6a) should include "...and loss of habitat". Suggest adding 6b) "direct and indirect habitat disturbance / destruction as a result of construction activities".
- Operational Phase under point 2 should include all locally known potential Species of Conservation Concern, as a minimum.
- Natural Environment (Pg 17, second paragraph) – need to include 'Species of Conservation Concern' and 'Significant Wildlife Habitat' in bullet items.

#### ***Existing Conditions Report Version 1.0 (Bowfin International Consulting, May 2009)***

- Section 2.0 Methodology – There is no description of the terrestrial habitat survey methodology employed (see pg 17, second last paragraph of project description report). Terrestrial habitat is one of the targeted natural environment features but it appears to be missing in this report.
- Section 2.5 and 3.3 Bird Survey – What are some of the details behind the methods for the bird survey? Number of observers? Time/effort spent? Time of day? Weather conditions at time of survey? Why was only part of the project area surveyed? Was OBBA data consulted and in what manner?
- No specific terrestrial habitat information for the immediate area (say within 100m) of the proposed buried penstock and other areas to be directly affected by construction could be found in the document.
- The names and qualification/experience of the field crew members should be included in the Existing Conditions Report.



## Muriel Kim

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**From:** Graham, Brad (MNR) [Brad.J.Graham@ontario.ca]  
**Sent:** July 6, 2009 3:52 PM  
**To:** Tami Sugarman; Samson, Joanna (MNR); Williston, Georgina; Hyde, Al (MNR); Punt, Kirby (MNR); Sobey, Kirk (MNR)  
**Cc:** Peter Boldt; bowfin; Kearon Bennett  
**Subject:** RE: Renfrew Power Generation Renfrew Ontario Development Proposal June 30-09 Meeting Minutes

Hi Tami,

In the minutes under 3.0 American eel it states.

Once documented notification is given to the dam owner they have 3 years from date of notification to develop an agreement with the province in regards to addressing the issue of passage.

As a point of clarification, Ontario Regulation 242/08 (para. 2 of s. 11(2)) provides a 3-year grace period or general exemption during which a facility that is currently having an impact on a species that is protected under the ESA 2007 can continue to operate without contravening clause 9(1)(a) and subsection 10(1) of the ESA 2007. To continue to operate beyond that time without contravening the Act would require some form of authorization under the ESA 2007 (i.e., a permit or an agreement). The purpose of an agreement under section 11 of the Regulation is to provide an exemption for operators of a hydro-electric generating station subject to the terms and conditions of the agreement. The terms and conditions must include reasonable steps to minimize adverse effects on the species for which the agreement has been entered into as well as a mandatory requirement for monitoring the effects of the operation of the station on the species. For American eels, passage is just one of the effects to be mitigated as turbine mortality is also a major adverse effect that should also be addressed.

**Brad J. Graham**  
Policy Specialist,  
ESA Implementation Project,  
SAR Branch

Tel. 519-773-4780  
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*"Seek to inform decisions by managing uncertainty reasonably, and not by being unreasonably certain". Hal Schraeder*

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**From:** Tami Sugarman [<mailto:tsugarman@oel-hydrosys.ca>]  
**Sent:** Monday, July 06, 2009 2:39 PM  
**To:** Samson, Joanna (MNR); Williston, Georgina; Hyde, Al (MNR); Punt, Kirby (MNR); Graham, Brad (MNR); Sobey, Kirk (MNR)  
**Cc:** Peter Boldt; bowfin; Kearon Bennett  
**Subject:** Renfrew Power Generation Renfrew Ontario Development Proposal June 30-09 Meeting Minutes  
**Importance:** High

Good Afternoon All

Please find attached to this email the minutes of our meeting held on June 30, 2009 at the MNR Pembroke District office in Pembroke, Ontario. The Minutes were recorded by Tami Sugarman of OEL-HydroSys. The notes reflect the understanding of discussions held at the meeting and should any of those present have different interpretations or recollections, they should advise of necessary revisions. The revisions will be documented and redistributed. If no comments are received prior to **Noon on Thursday, July 9, 2009**, these minutes will be adopted and considered as being accurate.

As a result of discussions at this meeting concerning documentation of listed species at the Dam #2 (lower dam) area and the trigger requirements of the *Endangered Species Act (ESA)*, the proponent, Renfrew Power Generation, respectfully requests that MNR provide formal notification along with the documentation supporting the presence of American Eel below the lower dam (Dam #2) at the proposed project site (according to the recognized ESA procedure) to officially trigger the *Endangered Species Act* for this location.

Once this is received by the proponent, Renfrew Power Generation agrees to enter into a process leading to a formal recovery strategy agreement for this lower dam (Dam #2) structure within the 3 year timeframe that is set out in the *ESA* for existing infrastructure. It is our understanding, at this point, unless it can be demonstrated that formal notification had been previously provided, this deadline may be set as early as 2012.

**Joanna – please ensure the attached minutes are forwarded to the following MNR staff that were present in person or by teleconference: Paul Moreau, Pat Soulliere and Lauren Trute, as I do not have their email address.**

Best regards,  
Tami

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**Tami Sugarman, B.Sc., P.Geo. – Principal, Environmental Assessment and Approvals Coordinator**

OEL-HydroSys Inc. – 3108 Carp Road - P.O. Box 430, Carp Ontario K0A 1L0

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**tsugarman@oel-hydrosys.ca – www.wesa.ca**

**OEL-HydroSys, WESA Envir-Eau, WESA, WESA Technologies, members of WESA Group Inc.**

NOTE: Si ce courriel ne vous est pas adressé, veuillez le supprimer immédiatement. La transmission non autorisée de ce courriel est interdite.



*Pensez à l'environnement avant l'impression de ce courriel*

## Muriel Kim

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**From:** bowfin [bowfin@on.aibn.com]  
**Sent:** August 6, 2009 3:11 PM  
**To:** lauren.trute@mnr.gov.on.ca  
**Cc:** Peter Boldt; Tami Sugarman  
**Subject:** Butternut Report  
**Attachments:** BHA REPORT Site A Reglan St south renfrew.doc

**Importance:** High

Hello Ms. Trute:

Please find attached a copy of the Butternut Report letter for the proposed Clear Point project. Once I have confirmed with the engineers which trees are within 25m of the proposed works, we will contact you regarding obtaining a permit for the removal of retainable trees. A hard copy of the letter along with the forms has been sent in the mail.

If you have any questions please do not hesitate to contact me.

Sincerely,

Michelle Lavictoire  
Bowfin Environmental Consulting Inc.  
4590 Chapel Rd RR#1  
Martintown, ON  
K0C 1S0  
Tel: 613.528.1303  
Fax: 613.528.1304  
Mobile: 613.361.4154

BHA #117  
Michelle Lavictoire  
4590 Chapel Rd RR#1  
Martintown, ON K0C 1S0

**Date:** August 6, 2009

**Proponent:**

Renfrew Power Generation Inc.  
32 Bridge Ave.  
Renfrew, ON K7V 3R2  
Attn: Mr. Peter Boldt

**Re: Raglan St. South Property, Renfrew Lot 13 Concession 2.**

Dear Mr. Boldt:

This letter is in regard to my assessment of the butternut trees on your property and is being copied to the Species at Risk Biologist of the Ontario Ministry of Natural Resources (MNR) Pembroke District Office. An inventory of the butternut trees located within and adjacent to the area which would be disturbed for the proposed construction of Clear Point Hydroelectric Facility was made. While twelve Butternuts and four potential Butternut hybrids were inventories, only those trees which may be impacted by the proposed construction were assessed (#1-#6 and #12, H1 and H2).

MNR may contact you regarding the need for audit of my assessment within 3 weeks of receiving a copy of this letter. It is requested that no trees (including those assessed to be non-retainable) be harmed or removed for 3 weeks to allow MNR a chance to notify you about a potential audit on the assessment.

As a qualified Butternut Health Assessor (BHA), I am providing the following comments about the Butternut trees I located and assessed at the above noted property during the site visit on August 5, 2009.

These trees were numbered sequentially with white paint on the larger specimens and pink flagging tape with numbers on the smaller specimens. Those marked as H before the number signified that they were suspected hybrids.

### **Non-retainable tree(s)**

There were no non-retainable trees assessed within the area to be disturbed.

### **Hybrid tree(s)**

The following tree(s): H1, H2, H3 and H4 are likely hybrid Butternut trees based on the thickness of the pith in 2 year old twigs. Photographs of the twigs of H1 and H2 are attached at the end of this letter. H1 and H2 are located under the power lines at the top of the cliff. H1 and H2 were assessed. H3 and H4 were located on the cliff and adjacent to Butternut Tree #3 and were not flagged nor were they assessed. These two specimens are located at UTM 367860E 5033757N (they are located within one meter of each other). Both specimens were less than 2 m tall and their crown was 100% live. Note that an active ground hornet nest is present at this site.

If OMNR confirms that these trees are hybrids, then they are not afforded protection under the Endangered Species Act, 2007. Hybrid trees can be removed if desired. If OMNR determines that these species are pure butternuts, then all four be considered retainable.

### **Retainable tree(s)**

All of the Butternut trees inventories are considered retainable and meet the retention criteria and are **protected from killing or harm** under the ESA 2007. A protective buffer of 25m radius from the bole of the Butternut is required to prevent root disturbance. In this buffer area, operations such as excavating or paving that would remove or significantly compact the roots and soil, and cause direct harm to the tree are not permitted. Removal of other vegetation and careful logging practices within this radius are permitted.

### **Other butternut not located during this assessment:**

Please be advised that butternut trees other than noted here, that are located or are naturally regenerating on this property must also be assessed by a BHA if their removal is being considered.

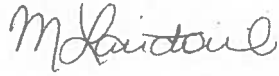
**Permits may be issued by the MNR for the removal of retainable trees. In order to apply for a permit for the removal of retainable trees you must contact your local district MNR Species at Risk Biologist to discuss this matter further.**

Please retain this letter as proof of a Butternut Health Assessment performed on the above noted property and any other documentation you may receive from the MNR should an audit of the assessment occur.

If you have any questions, please do not hesitate to contact the undersigned Butternut Health Assessor, or the MNR District Species at Risk Biologist. [www.mnr.gov.on.ca](http://www.mnr.gov.on.ca)

See the attached information sheet for more information on Butternut and the Endangered Species Act (ESA, 2007).

Sincerely,



Michelle Lavictoire #117  
Tel: 613.528.1303

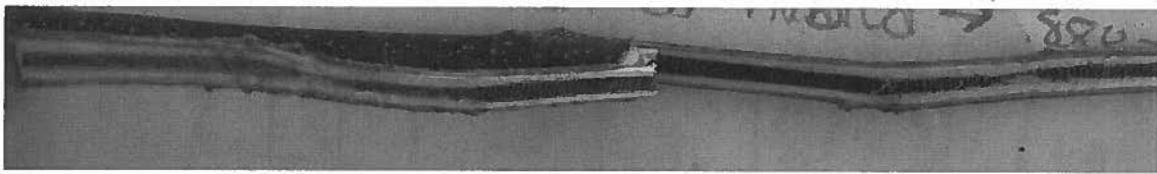


Photo 1 Looking at the pith of H1

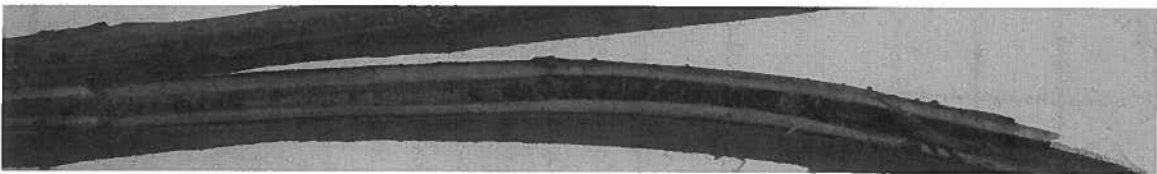


Photo 2 Looking at the pith of H2

## Muriel Kim

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**From:** bowfin [bowfin@on.aibn.com]  
**Sent:** October 27, 2009 4:24 PM  
**To:** Trute, Lauren (MNR); Peter Boldt; Tami Sugarman  
**Subject:** Re: Updated assessment of Butternuts at Clear Point

Hello Lauren

I was wondering how the permit was coming along and what the outcome was for tree #5? Also I was wondering how many trees are needed to replace #2 (DBH 21cm), #12 (DBH 44cm) and if required #5 (DBH 5cm)? At the course they had mentioned 3 trees for DBH under 3cm and up to 20 seedlings for the larger specimens, but they didn't have any firm number. They also mentioned that the trees may need to be spaced as far as 25m apart. Is there any more direction on this? Once we know what our requirements are, we will draft up a planting and monitoring plan for your review.

Thank you,

Michelle

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

**From:** Trute, Lauren (MNR)  
**To:** bowfin ; Peter Boldt ; tsugarman@wesa.ca  
**Sent:** Thursday, September 10, 2009 10:14 AM  
**Subject:** RE: Updated assessment of Butternuts at Clear Point

Hi Michelle et al,  
I will begin drafting the 17(2)(c) permit for the removal of the two trees, and figure out what to do about tree #5.

Will be in touch.

Thanks,  
Lauren

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**From:** bowfin [mailto:bowfin@on.aibn.com]  
**Sent:** September 9, 2009 10:41 AM  
**To:** Peter Boldt; Hermansen, Helen (MNR); Trute, Lauren (MNR); tsugarman@wesa.ca  
**Subject:** Updated assessment of Butternuts at Clear Point

Dear Mr. Boldt

As you are aware, an audit of the butternut assessment was completed on August 28, 2009. The outcome of that audit was that only trees numbered 2, 5 and 12 are considered retainable. The remaining trees and suspected hybrids were considered non-retainable due to the amount of canker present. The non-retainable trees *can be removed*. Please note that the Ontario Recovery Team encourages that all Butternut trees be conserved and removal of diseased trees is not an objective of the Recovery Strategy.

Based on the discussions we had in the field and the proposed alignment, I have asked Lauren Trute to begin the permitting process for the removal of trees #2 and #12 and indicated that we may also need a permit for tree #5 depending on the amount of fill that may go over the roots.

Should you have any questions, please do not hesitate to contact me.

Sincerely,

Michelle Lavictoire  
Bowfin Environmental Consulting Inc.  
4590 Chapel Rd RR#1  
Martintown, ON  
K0C 1S0  
Tel: 613.528.1303  
Fax: 613.528.1304  
Mobile: 613.361.4154



## Muriel Kim

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**From:** Samson, Joanna (MNR) [joanna.samson@ontario.ca]  
**Sent:** December 3, 2009 10:06 AM  
**To:** Tami Sugarman  
**Cc:** Soulliere, Pat (MNR); Hyde, Al (MNR); Karen Fortin; Kearon Bennett  
**Subject:** RE: Clear Point and existing generating stations DRAFT Minutes of Provincial EA Coordination Meeting for your review/comments

Hi Tami,

Thanks for your note. I passed it by Pat Soulliere to make sure we are all on the same page with this. We are good with your revised wording for the minutes

The high water mark is the line we use to define the boundary between private and crown land. The 2 year flood event level would be above our standard for the ordinary high water mark defined as - *"ordinary high water mark" means the mark made by the action of water under natural conditions on the shore or bank of a body of water which action is so common and usual and so long continued that it has created a difference between the character of the vegetation or soil on one side of the mark and the character of the vegetation or soil on the other side of the mark"*

Although we can't confirm the actual elevation of 87.86 masl, from your assurances this is a 2 year flood level and therefore above the high water mark. As long the proposed civil works will be above the high water mark, then there should be no concerns regarding the disposition of Crown Lands (Bed of Bonnechere River).

Hope this helps. If you have any questions please let me or Pat know.

Thanks,  
Joanna

## Joanna Samson

Water Resources Coordinator  
Ministry of Natural Resources  
Pembroke District  
Ph: 613.732.5593  
Fax: 613.732.2972

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**From:** Tami Sugarman [mailto:tsugarman@oel-hydrosys.ca]  
**Sent:** Wednesday, December 02, 2009 4:53 PM  
**To:** Samson, Joanna (MNR)  
**Cc:** Kearon Bennett; Karen Fortin  
**Subject:** RE: Clear Point and existing generating stations DRAFT Minutes of Provincial EA Coordination Meeting for your review/comments

Hi Joanna

I agree that the wording in the meeting minutes is confusing and does not reflect the conversation correctly. How about the following correction to page 3 of 5, last paragraph.....

*MNR (PS) identified that depending on the final engineering for the project there may be a requirement for a disposition of Crown land to the proponent and therefore a requirement for a waterpower lease agreement (WPLA) for any Crown land below the high water mark. He added that the Ministry will make that determination once the final plans are completed. OEL (TS) expressed concern pointing out that the consulting team and the proponent were of the understanding that if no major work was required beyond the shoreline at the tailrace a disposition of Crown land would not be required since no structures were going to be located on the river bed, that only excavation for the tailrace area and possibly erosion control downstream would be required (i.e. acknowledgement that standard LRIA approvals would be required for in-water work). MNR (JS) responded that the Ministry has always taken the position that the Public Lands Act may be triggered at the site for major work in the riverbed. OEL (TS) responded that "major" was a subjective term and this information was not anticipated given past communications from MNR at previous meetings. MNR responded that by "major" it is understood that any civil works constructed below the high water mark would require a disposition of Crown lands. Therefore, if the civil works were designed to be located above the high water level a Crown land disposition (Site Release) process would not be necessary.*

Let me know if this is more accurate.

I have seen the latest version of the engineering design and all civil works are located above the high water mark which is defined as the "2 year flood event water level" and we are using an elevation of 87.86 masl for that level. Can you confirm this definition of high water mark please so that it can be agreed that we are talking about the same elevation point for the Bonnechere River at the site?

Tami



**Tami Sugarman, B.Sc., P.Geo. – Principal, Environmental Assessment and Approvals Coordinator**

OEL-HydroSys Inc. – 3108 Carp Road - P.O. Box 430, Carp Ontario K0A 1L0

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**tsugarman@oel-hydrosys.ca – www.wesa.ca**

**OEL-HydroSys, WESA Envir-Eau, WESA, WESA Technologies, members of WESA Group Inc.**

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**From:** Samson, Joanna (MNR) [mailto:joanna.samson@ontario.ca]

**Sent:** December 2, 2009 3:35 PM

**To:** Karen Fortin

**Cc:** Tami Sugarman; Hyde, Al (MNR)

**Subject:** RE: Clear Point and existing generating stations DRAFT Minutes of Provincial EA Coordination Meeting for your review/comments

Hi Karen,

Were these minutes ever finalized? I hope I'm not too late. I have to apologize for not getting back to you on these sooner. The month of November has been a complete blur and things have gotten buried in my inbox.

We have some issues with the last sentence in the last paragraph on page 3 of 5. Al Hyde does not recall making this statement and I don't recall hearing him make it..

MNR can't predict what the implications would be if the project changed and a disposition was needed at the tailrace and site release was triggered. We made a determination based on the proposed drawings that site release did not apply because there was no disposition of Crown resources. However, there was a caution that the only place there could be a disposition was at the tailrace. At this stage of the project, we have no indication that the design of the project changed and I have had several conversations with Peter Boldt about this. This was more of a caution than anything.

Although it's quite likely, we can't fully say that work completed for the OWA class EA would cover off our provision for site release if it turned out that a disposition was required.

Please call if you have any questions,  
Thanks  
Joanna

## Joanna Samson

Water Resources Coordinator  
Ministry of Natural Resources  
Pembroke District  
Ph: 613.732.5593  
Fax: 613.732.2972

---

**From:** Karen Fortin [mailto:kfortin@oel-hydrosys.ca]  
**Sent:** Wednesday, October 28, 2009 11:10 AM  
**To:** Samson, Joanna (MNR); Soulliere, Pat (MNR); Trute, Lauren (MNR); Hyde, Al (MNR); Mitchell, Vicki (ENE); Kirzati, Katherine (MCL); Cifuentes, Alejandro (MCL)  
**Cc:** Peter Boldt; Tami Sugarman  
**Subject:** Clear Point and existing generating stations DRAFT Minutes of Provincial EA Coordination Meeting for your review/comments

Hello

Apologies that we're a little late getting these to you. If you could please review and return comments for the meeting minutes.

Regards

Karen



### **Karen Fortin, A.Sc.T. – Environmental Approvals**

OEL-HydroSys Inc. – 3108 Carp Road - P.O. Box 430, Carp Ontario K0A 1L0  
(T) (613) 839-1453 ext. 261 (C) (613) 294-5122 (F) (613) 839-5376

**Muriel Kim**

---

**Subject:** FW: Updated assessment of Butternuts at Clear Point

**From:** Trute, Lauren (MNR)  
**Sent:** Wednesday, January 27, 2010 8:50 AM  
**To:** 'pkboldt@renfrewpg.ca'  
**Cc:** Samson, Joanna (MNR); Trute, Lauren (MNR); Raffael, Chris (MNR)  
**Subject:** FW: Updated assessment of Butternuts at Clear Point

Hi Peter,

I got your voicemail message yesterday that you were working on a planting plan for the butternut permit. Please see below for information that was provided to Bowfin. In order to start the permitting process (which may take up to 6 months once it is underway) MNR requires confirmation of which of the retainable butternut are being removed and/or damaged, the planting plan and tending plan and any their-party agreements if the trees are not planted on RPG property.

Once I have the information from you I can begin to move your application through the process.

Give me a call if you need more info.

Lauren

---

**From:** Raffael, Chris (MNR)  
**Sent:** October 29, 2009 10:54 AM  
**To:** 'bowfin@on.aibn.com'  
**Cc:** Trute, Lauren (MNR)  
**Subject:** Updated assessment of Butternuts at Clear Point

Michelle,

I am working with Lauren on the Clear Point file. With regards to your question about the planting of butternut seedlings we have determined the following:

- 2:1 for seedlings (<3 cm Diameter at Breast Height (=1.3 metres)(DBH))
- 5:1 for saplings (3 to 15 cm DBH);
- 20:1 for larger (> 15 cm DBH) and Archivable Trees

Tree #5 – 5cm dbh

Tree #2 – 21cm dbh

Tree #12 – 44cm dbh

RPG will need to plant a total of **45 butternut seedlings acquired from a local seed source**. The Forest Gene Conservation Association can advise further on tree seed zones. The trees do not have to be planted 25 meters apart, but proper spacing of the seedlings from each other and from surrounding vegetation should be taken into account as when planting any other seedlings.

Replacement of retainable trees through planting seedlings:

- trees from an adapted, vigorous seed source from the same tree seed zone ([http://www.mnr.gov.on.ca/en/Business/Forests/2ColumnSubPage/STEL02\\_166255.html](http://www.mnr.gov.on.ca/en/Business/Forests/2ColumnSubPage/STEL02_166255.html)) (preferably more local), and from vigorously surviving parent trees. Stock type and requirements for tending should be suited to the site (e.g., larger trees or greater tending should

be used in areas with high vegetation competition). In cases where there are problems obtaining planting stock from the same seed zone, stock from adjacent seed zones may be considered.

- a suitable planting site in the general area. The planting site does not necessarily have to be on the same site, but must have appropriate tenure for the protection of planted trees and must have appropriate light, soils, and drainage conditions for Butternut. [Note – the planted Butternut will be subject to the protection provisions of the Act]. If the planting is at a new site that does not have Butternut, adjacent land owners should be notified.
- All planted trees must be tended for a period of 5 years to help them survive all reasonable threats to a planted tree, other than the canker (e.g., drought, rodents, deer, vegetation competition). It is expected that at least one half of planted trees would be alive after 5 years.

If the seedlings are to be planted on property not owned by RPG, an agreement must be entered into and signed by the party that owns the property that the seedlings will be planted on.

Sincerely,

*Chris Raffael*

SAR Agreements Coordinator  
Ministry of Natural Resources  
Kemptville District  
10 Campus Drive, Kemptville, ON

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## Muriel Kim

---

**From:** Trute, Lauren (MNR) [lauren.trute@ontario.ca]  
**Sent:** April 20, 2010 1:23 PM  
**To:** pkboldt@renfrewpg.ca  
**Cc:** Handford, Karen (MNR); Karen Fortin  
**Subject:** RE: butternut trees

Hi Peter,

To answer your question – butternut trees that have been planted as part of the requirements of an ESA permit are protected under the ESA. If, at some time in the future, the planted trees need to be removed, they would be subject to the same health assessment process and “compensation” plantings (i.e. you would have to plant additional trees to replace the original plantings required by the permit). The purpose of the 17(2)(c) permit is to provide “overall benefit” for the species, which is why the trees planted as part of the permit are protected.

Does that help? If not, give me a call and we can discuss.

Lauren

---

**From:** Peter Boldt [mailto:pkboldt@renfrewpg.ca]  
**Sent:** April 20, 2010 10:46 AM  
**To:** Handford, Karen (MNR); Trute, Lauren (MNR)  
**Cc:** 'Karen Fortin'  
**Subject:** butternut trees

I attended a meeting last night concerning the planting of the butternut trees that are a requirement for the harvesting of trees associated with our Clear Point Project. I responded to a question last night and I may have been incorrect so I would like your interpretation. So hypothetically if RPG plants the replacement trees on our property and later 10 years down the road decide to do more work on the canal and that work needs to remove 3 of the six trees I have planted along the edge and if the legislation on endangered species for butternut trees is still current do I need to replace those planted trees with the same process? That would be 20 trees for the each tree I am removing that would include assessing the health of the trees etc. So the questions is, are the replacement trees treated differently or at what time in their life are they considered to be an endangered species. At that time I may have this concentration of butternut trees that are growing and seem to be doing fine in my local am I still subject to the same enforcement or is that a regional call? Are there any interceding factors?

Sorry if that sounds confusing but if you could give me some guidance it would be appreciated.

Peter Boldt  
RPG Inc.  
cell 613 433 1369  
office 613 433 3715

April 24, 2009

Ms. Vicki Mitchell, Environmental Assessment Coordinator  
Ministry of Environment  
1259 Gardiners Road, Unit 3, P.O. Box 22032  
Kingston, Ontario, K7M 8S5

**Re: Early Notification of Proposed Waterpower Project - Bonnechere River  
Renfrew Power Generators Inc. Clear Point GS Waterpower Project**

**Dear Ms. Mitchell:**

This letter is to advise you that the proponent, Renfrew Power Generation Inc. (herein referred to as RPG Inc.), has plans for the development of a new hydroelectric generating station (Clear Point GS) downstream of two existing dams (#1 and #2) owned and operated by the proponent on the Bonnechere River in the Town of Renfrew, Ontario. The attached figure indicates the location of the project site along with other existing RPG Inc. infrastructure. RPG Inc. intends to construct the Clear Point GS while maintaining operation of its existing facilities at Dam #1 and Dam #2. The GS will operate as a run-of-river system and will be in operation continually except in circumstances of very low river flow.

The intake of the proposed Clear Point GS is to be in the existing canal immediately upstream of the RPG Inc. #1 powerhouse while the construction of the new powerhouse is proposed downstream from the #2 dam. A new connection point with Renfrew Hydro Inc. is planned for the south side of the river within 100 meters of the new GS.

This development will employ the full practical head and flow in the Bonnechere River at the Clear Point site, helping to provide additional power to the Town of Renfrew and reduce greenhouse gases by displacing coal-fired generation. The proposed facility will have an installed capacity of 4MW (52% capacity) and would comprise a single power plant and 44 kV transmission link.

RPG Inc. owns all of the property on the side of the Bonnechere River that constitutes the project area. The bed of the Bonnechere River at the project site is owned by the Crown. It was determined by the Ministry of Natural Resources in August 2008 (see correspondence enclosed) that the Direct Site Release process for the Clear Point GS waterpower project is not required and the project may proceed directly to the EA planning process.

The proponent is aware that requirements still exist for this project under other legislation (i.e. the *Lakes and Rivers Improvement Act*) as well as commitments under the provincial and federal environmental assessment processes. The environmental assessment (EA) process for any electricity generating project in Ontario is overseen by the Ontario Ministry of the Environment's Environmental Assessment and Approvals Board (EAAB) and mandated by the Electricity Projects Regulation (Ont. Reg. 116/01) pursuant to Ontario's *Environmental Assessment Act*. According to this regulation, waterpower electricity projects generating <200 MW, fall under the Category B projects as set out in the Guide to Environmental Assessment Requirements for Electricity Projects. As a proposed Category B waterpower project the Clear Point GS project is required to follow the new Ontario Waterpower Association's Class Environmental Assessment (OWA Class EA) for Waterpower Projects (October 2008). The OWA Class EA was created to streamline the approval process for hydroelectric generating projects. The generating station proposed at the Clear Point site is further categorized as "associated with existing infrastructure" under this process.

Additionally, the newly proposed Bill 150 (February 23, 2009), *Green Energy and Green Economy Act* (GEA) proposes an even more streamlined approvals process referred to as the Renewable Energy Approvals (REA) process. The government's is moving forward quite quickly with the planned passing of Bill 150 as early as June 2009. In the meantime, the proponent will follow the planning process under the OWA Class EA approvals process.

Through the course of the OWA Class EA the consulting team will undertake the identification and evaluation of conceptual designs for the proposed GS. The proposed project will be examined during the EA process in regard to the potential impacts to the surrounding environmental (natural, socio-cultural and economic) setting.

In the near future, the proponents will be issuing a Project Description and Environmental Context of the project site to initiate Phase 1 (Project Concept) of the OWA Class EA planning process. The project description will provide more detailed information on the undertaking, delineate the study area, identify perceived potential impacts and benefits associated with the initiative and include early avoidance/prevention/mitigation concepts.

We trust that this preliminary information is adequate at this time. We would appreciate if you could inform the undersigned of the names and details of contacts from your organization that should be involved in the consultation program for this project. In addition, the proponent would be grateful if your organization could offer any further guidance in relation to environmental planning during the transitional period leading to the proposed (REA) streamlined planning process.



RPG Inc. looks forward to meeting with you to plan this project in an environmentally responsible and efficient manner. Please do not hesitate to contact the undersigned if you have any questions or require additional information at this time.

Yours Truly,



Tami J. Sugarman  
Approvals Coordinator  
OEL-HydroSys Inc.

Encl.

cc. Paul Norris, President, OWA

*Ref: OE7350 Early Notification Letter Mitchell April 24-09.doc*

**Ministry of the Environment**

P.O. Box 22032  
Kingston, Ontario  
K7M 8S5  
613/549-4000 or 1-800/267-0974  
Fax: 613/548-6908

**Ministère de l'Environnement**

C.P. 22032  
Kingston (Ontario)  
K7M 8S5  
613/549-4000 ou 1-800/267-0974  
Fax: 613/548-6908



July 8, 2009

OEL HydroSys Inc.  
Box 430, 3108 Carp Road  
Carp, Ontario  
K0A 1L0

Attention: Tami Sugarman  
Approvals Coordinator

Dear Ms. Sugarman:

Re: Clear Point Hydroelectric Generating Station  
Renfrew Power Generation Inc.  
Town of Renfrew, Bonnechere River

Thank you for providing the early notification letter and the Project Description for the project. I understand that the Notice of Commencement will be issued shortly.

My comments are based on the existing environmental assessment and approvals processes. If the Renewable Energy Approval process comes into effect, the approval process for electricity projects may be significantly different. However it is too early to provide comments on this proposed project based on the proposed Renewable Energy Approval process.

The project involves rehabilitation of Dams #1 and #2, improvements to existing hydroelectric power plants (Upper plant and Lower plant), construction of a new generating station (Clear Point GS), a new intake, buried penstock, access road, and excavated tailrace canal. The project description states that the facility and operating plan will be designed in accordance with the Bonnechere River Water Management Plan (WMP), and an administrative amendment to this WMP will be required for the new works and the agreed upon residual flow value. The project does not propose to alter the current operating regime (water levels and flows).

Currently, the project is subject to the Ontario Waterpower Association's Class Environmental Assessment for Waterpower Projects. The Canadian Environmental Assessment Act may also apply to the project. It appears that the consultation with provincial and federal agencies will be coordinated where possible, and will occur within the same time span.

At this time, this office is a mandatory contact for all Notices. Please continue to send all notices and copies of reports and information packages to my attention.

#### Consultation with Aboriginal Communities

MOE recommends that proponents contact the relevant agencies to determine whether there are potentially affected Aboriginal communities in the project area. The up-to-date list of agency contacts is maintained on the Environmental Assessment and Approvals Branch website at the following link:

[http://www.ene.gov.on.ca/envision/env\\_reg/ea/english/General\\_info/GRTLlist.htm](http://www.ene.gov.on.ca/envision/env_reg/ea/english/General_info/GRTLlist.htm)

Once identified, it is recommended that you provide notification directly to the Aboriginal communities who may be affected by the project and provide them with an opportunity to participate in the planning of the project.

#### MOE Technical Issues

Issues of interest to this Ministry, which staff would consider during our technical review of the project, include impacts to surface water quality and flow, impacts to other stakeholders which discharge to the river (for example, sewage treatment plants), impacts to base flows and groundwater levels, disposal of waste and excess material, temporary and permanent noise impacts to nearby residents, sewage and water servicing of the facility, and commitments to obtain approvals under Ministry of Environment legislation where appropriate. The Screening Report prepared for this project should address these issues.

#### *Impacts to Surface Water*

Appropriate mitigation measures should be considered prior to construction to ensure protection of surface water. For example: machinery should not operate directly in a watercourse; refuelling of all vehicles and equipment should be done away from watercourses; adequate erosion and sedimentation controls must be incorporated into the planning and construction for the project; the time of excavation to restoration must be kept to a minimum; disturbed shoreline should be stabilized as soon as possible; removal of vegetation from the right-of-way should be kept to a minimum; materials removed and stockpiled such as excavated soil and backfill material must be contained in a manner to ensure sediment does not enter a waterway. Long term erosion and water quality impairment must not occur as a result of this project.

Where dredging is required, consideration should be given to appropriate storage, handling, dewatering and disposal of excavated material. Excavated materials must be disposed of in accordance with this Ministry's legislation and guidelines.

Guidance on nearshore construction and dredging may be obtained from this Ministry's *Guidelines for Evaluating Construction Activities Impacting on Water Resources* dated January 1995 and *Evaluating Construction Activities Impacting on Water Resources, Part III A, Part III B, and Part III C* dated February 1994.

#### *Impacts to Water Intakes, Wastewater Outfalls, Wells and Septic Systems*

Water intakes and water supplies must be protected during construction. Care must be taken to avoid impacts to wells due to construction or spills.

As identified in the project description, there is a sewage treatment plant outfall approximately 500 m downstream. The proposed minimum flow should take into account the flow needed for dilution of sewage effluent from this treatment plant.

#### *Waste Management*

Waste material must be managed in accordance with MOE standards. The *Environmental Protection Act* (EPA) and Regulation 347 in particular, require waste to be classified and disposed of appropriately. Waste is to be transported by haulers who have a "Certificate of Approval – Waste Management System". Where waste is other than solid non-hazardous, the generator requires a "Generator Registration Number" from the Ministry and has obligations regarding manifesting of waste. When determining the waste category, the proponent must ensure compliance with Schedule 4 of Regulation 347.

Where contaminated soil is encountered, Ontario Regulation 153/04 and the accompanying *Soil, Ground Water and Sediment Standards for Use Under Part XV.1 of the Environmental Protection Act* provide direction on assessment, restoration and MOE soil criteria.

#### *Construction Impacts*

A plan should be in place for preventing and dealing with spills. Spills must be reported to the Spills Action Centre of the Ministry of the Environment at 1-800-268-6060.

If blasting is necessary, then noise, dust and flyrock should be controlled. Where blasting is required, we recommend that protocols be set up and followed for on-site and receptor blast monitoring (vibration and concussion), and that 48 hour notice be given to area residents prior to blasting. Pre-blast surveys are recommended so that the company has baseline data when responding to complaints of property damage due to blasting.

Dust should be controlled along access roads and in construction areas.

We recommend that complaint response protocols be developed to address reported well water disturbances, noise, dust and claims of property damage.

### *MOE Approvals*

Currently, the following MOE Approvals may apply to the project.

Noise impacts from generating stations should be evaluated. Air discharges and noise sources may require approval under Section 9 of the *Environmental Protection Act* (EPA). Please contact Approvals staff at (416) 314-8001 if you have questions about air approval requirements.

Spill containment for on site transformers may require an approval under Section 53 of the *Ontario Water Resources Act* if a discharge is proposed. Questions about approval of spill containment for transformers should be directed to Environmental Assessment and Approvals Branch at the number given above. Monitoring of the discharged effluent should be performed at least 4 times per year (seasonal) by analysis of grab samples for oil and grease. Spill containment facilities should typically be designed, installed and operated to:

- produce treated effluent with an oil and grease concentration of less than 15 milligrams per litre, based on single sample analysis;
- ensure the effluent is free of floating and settleable solids and does not have a visible film, sheen or foam from oil or other substances;
- retain the sum of the total volume of oil contained in the transformers and the volume of storm water from a rainstorm with a 25 year return period of 24 hour duration.

Permits to Take Water (PTTW), under section 34 of the *Ontario Water Resources Act*, are required where taking, dewatering, storage or diversion of water will exceed 50,000 litres in a day. This could include dewatering behind a coffer dam to allow work in the dry, and modifications to dams to change water levels in a portion of the watercourse. Questions about the PTTW program should be directed to Nicholas Murphy at (613) 540-6868.

Sewage works approvals under section 53 of the *Ontario Water Resources Act* (OWRA) may be required for dewatering during construction. Turbid water removed from behind the cofferdams is considered to be wastewater, and any collection, transmission, treatment and disposal of wastewater would normally require a section 53 OWRA approval. This is true for both permanent and temporary works. The application for a sewage works approval should include specific information on discharge locations, potential contaminants, and proposed effluent limits. Questions about approval of sewage works should be directed to Environmental Assessment and Approvals Branch at the number given above.

Provision of on site sewage and water services for staff washrooms typically requires approval from this Ministry and/or local authorities under the *Ontario Building Code Act*. A sewage system with a design capacity of less than 10,000 L/day requires approval under the *Ontario Building Code Act*. A sewage works with a design capacity of greater than 10,000 L/day requires an approval under Section 53 of the *Ontario Water Resources Act*.

All Certificate of Approval and Permit to Take Water applications should be submitted to the attention of Sandra Guido, marked "Personal and Confidential". Please submit applications to:

Sandra Guido  
Senior Program Support Coordinator  
Environmental Assessment and Approvals Branch  
Ministry of the Environment  
2 St. Clair Avenue West, Floor 12A  
Toronto, ON M4V 1L5

Thank you for bringing this project to my attention. We recommend that the above issues be addressed in the Screening Report for the project. If you would like to discuss these issues further, please contact me at (613) 540-6852.



Vicki Mitchell  
Environmental Assessment Coordinator  
Technical Support Section  
Eastern Region  
VM/gl

## Muriel Kim

---

**From:** Mitchell, Vicki (ENE) [Vicki.Mitchell@ontario.ca]  
**Sent:** June 3, 2011 8:47 AM  
**To:** Karen Fortin  
**Cc:** Samson, Joanna (MNR)  
**Subject:** RE: Renfrew Power Generation Project Update, proposed relocation of GS details

Hi Karen,

Thanks for sending the information. If you are having an agency meeting on June 21, I would be able to join in by teleconference. I'll leave it to the other agencies to determine if another agency meeting is needed. I am happy to participate.

I agree with Joanna that it is probably prudent to reissue the Notice of Commencement. You could combine it with the notice for the public meeting on June 21 (i.e. Revised Notice of Commencement/Notice of Public Meeting).

Vicki Mitchell  
Environmental Assessment Coordinator  
Ministry of the Environment, Eastern Region

1259 Gardiners Road, P.O. Box 22032,  
Kingston, ON K7M 8S5

(613) 540-6852

---

**From:** Karen Fortin [<mailto:kfortin@oel-hydrosys.ca>]  
**Sent:** June 01, 2011 10:06 AM  
**To:** Mitchell, Vicki (ENE); Eckert, Brad (ENE); Santos, Narren (ENE); [pnorris@owa.ca](mailto:pnorris@owa.ca); Samson, Joanna (MNR); Mcwatters, Ken (MNR); Hyde, Al (MNR); Kirzati, Katherine (MTC); [MARKUST@tc.gc.ca](mailto:MARKUST@tc.gc.ca); Scott, Mark E; Chan, Jim [CEAA]; Haemel, Henry (MNR)  
**Cc:** Tami Sugarman; Peter Boldt  
**Subject:** Renfrew Power Generation Project Update, proposed relocation of GS details  
**Importance:** High

Good morning

On behalf of Renfrew Power Generation we are pleased to provide you with a project update detailing a new project alternative. Essentially, RPG is proposing to relocate what was conceptually proposed as the Clear Point facility 200 metres upstream and adjacent to (on the inland side) the existing Lower Plant GS. Details are provided in the attached agency letter. Conceptual engineering drawings are also attached.

If it is determined that an additional planning meeting is required to discuss this new alternative, the proponent respectfully requests that this meeting be held the afternoon of June 21<sup>st</sup>, see details in letter.

Also attached is a copy of the September 2009 EA coordination meeting minutes.

Regards,

Karen

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**Karen Fortin - OEL-HydroSys Carp - (613) 839-1453 ext. 261**

## Muriel Kim

---

**From:** Mitchell, Vicki (ENE) [Vicki.Mitchell@ontario.ca]  
**Sent:** June 6, 2011 4:01 PM  
**To:** Karen Fortin  
**Subject:** RE: RPG Ad for new GS - your review requested, but we're on a tight timeline to get to print

Hi Karen,

When comparing this to the list of information to be included in Notices of Commencement (p. 33 of Oct 2008 Class EA), it looks like there are a couple of things that should be added:

A map showing project location and anticipated zone of influence,

For projects associated with existing infrastructure, an explicit statement that subsequent direct notices will be provided to those who express an interest in the project,

This was based on a quick review. Thanks.

Vicki Mitchell  
Environmental Assessment Coordinator  
Ministry of the Environment, Eastern Region

1259 Gardiners Road, P.O. Box 22032,  
Kingston, ON K7M 8S5

(613) 540-6852

---

**From:** Karen Fortin [<mailto:kfortin@oel-hydrosys.ca>]  
**Sent:** June 06, 2011 3:11 PM  
**To:** Mitchell, Vicki (ENE)  
**Subject:** RPG Ad for new GS - your review requested, but we're on a tight timeline to get to print

Hi Vicki

I've only got a bit of time to make print deadline but thought I would send this your way in case you happen to be in the office, and happen to have a few minutes to review.

I think we've got everything covered off, so if I don't hear from you by midday Tuesday, we'll go ahead as is, and hope for the best, otherwise we'll miss this week's print...and won't have two weeks before the public information session. If something is glaringly wrong, we'll run another ad next week.

Karen



**Karen Fortin, A.Sc.T. — Environmental Approvals Coordinator**

OEL-HydroSys Inc. — 3108 Carp Road - P.O. Box 430, Carp, Ontario, Canada K0A 1L0

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[kfortin@oel-hydrosys.ca](mailto:kfortin@oel-hydrosys.ca) — [www.oel-hydrosys.ca](http://www.oel-hydrosys.ca)



**Muriel Kim**

---

**From:** Karen Fortin  
**Sent:** July 6, 2011 10:00 AM  
**To:** 'Mitchell, Vicki (ENE)'  
**Subject:** Renfrew Power Generation, corrected public meeting date on Revised NOC  
**Attachments:** corrected public meeting date and Revised NOC.pdf; 20110609 Revised NOC ad rpg.pdf

Hi Vicki

Attached is the electronic tear sheet of the corrected public meeting date (Tuesday as opposed to Thursday the 21<sup>st</sup>).

I've also attached the first run version.

Karen

## Muriel Kim

---

**From:** Campbell, Paige (MCL) [Paige.Campbell@ontario.ca]  
**Sent:** July 15, 2009 11:41 AM  
**To:** Karen Fortin  
**Subject:** RE: Notice of Commencement under Class EA for Waterpower Projects - Renfrew, Ontario

Hi Karen,

Could you please keep me on the list, but add Katherine Kirzati at [Katherine.Kirzati@ontario.ca](mailto:Katherine.Kirzati@ontario.ca) as she is the heritage planner who would be providing comments on this project. I am the archaeology review officer who would be reviewing any archaeology reports that are generated from this project. Thank you.

Paige Campbell  
Acting Archaeology Review Officer  
Culture Programs Unit  
Ministry of Culture  
435 S. James St. Suite 334  
Thunder Bay, ON P7E 6S7  
Phone: 807-475-1632  
Fax: 807-475-1297  
e-mail: [paige.campbell@ontario.ca](mailto:paige.campbell@ontario.ca)

---

**From:** Karen Fortin [<mailto:kfortin@oel-hydrosys.ca>]  
**Sent:** July 15, 2009 8:47 AM  
**To:** Mitchell, Vicki (ENE); Samson, Joanna (MNR); Mcwatters, Ken (MNR); Punt, Kirby (MNR); [david.malkin@omafra.gov.on.ca](mailto:david.malkin@omafra.gov.on.ca); Campbell, Paige (MCL); Beach, Mary (MCI); Gill, Surinder Singh (MAA); Kary, Alan (JUS); Wheaton, Pam (MAA); [environment@HydroOne.com](mailto:environment@HydroOne.com); [info@oeb.gov.on.ca](mailto:info@oeb.gov.on.ca); [jhunton@jp2g.com](mailto:jhunton@jp2g.com); [info@countyofrenfrew.on.ca](mailto:info@countyofrenfrew.on.ca); Beal, Jim (MNR); [linda.boeheim@ceaa-acee.gc.ca](mailto:linda.boeheim@ceaa-acee.gc.ca); [haya.finan@tc.gc.ca](mailto:haya.finan@tc.gc.ca); [markust@tc.gc.ca](mailto:markust@tc.gc.ca); [Georgina.Williston@dfo-mpo.gc.ca](mailto:Georgina.Williston@dfo-mpo.gc.ca); [pnorris@owa.ca](mailto:pnorris@owa.ca)  
**Cc:** Peter Boldt; Tami Sugarman  
**Subject:** Notice of Commencement under Class EA for Waterpower Projects - Renfrew, Ontario

On behalf of Renfrew Power Generation Inc, we are pleased to submit the attached Notice of Commencement for a proposed 6.1MW hydroelectric project in the town of Renfrew, Ontario.  
If approved, the redevelopment of the existing generating stations and the new Clear Point Generating Station would produce 22,300 MWh of renewable energy annually.  
This project is subject to the Ontario Waterpower Association "Class EA Environmental Assessment for Waterpower Projects" (October, 2008).  
A copy of this Notice of Commencement will appear in the Renfrew Weekender edition to be published on July 16, 2009.

If you require a hard copy of the NOC or more information on the undertaking, please contact Tami Sugarman at [tsugarman@oel-hydrosys.ca](mailto:tsugarman@oel-hydrosys.ca).

Regards

---

## Muriel Kim

---

**From:** Karen Fortin  
**Sent:** July 16, 2009 10:36 AM  
**To:** 'Kirzati, Katherine (MCL)'  
**Cc:** Tami Sugarman  
**Subject:** RE: Notice of Commencement under Class EA for Waterpower Projects - Renfrew, Ontario  
**Attachments:** OE7350 CEAA Project Description for Clear Point GS FINAL May 2009.PDF

Hi Katherine;

I'm forwarding a copy of the Project Description that was issued in May. It includes a more detailed description of the works and the project area.

There is some detailed mapping and a proposed site layout plan at the end of the document. Please let me know if this mapping does not meet your needs and I can have our GIS department produce something more specific.

Also, please advise if you would like to receive a copy of the archeological assessment once it is completed.

Karen

---

**From:** Kirzati, Katherine (MCL) [<mailto:Katherine.Kirzati@ontario.ca>]  
**Sent:** Wednesday, July 15, 2009 3:23 PM  
**To:** Karen Fortin  
**Cc:** Tami Sugarman  
**Subject:** RE: Notice of Commencement under Class EA for Waterpower Projects - Renfrew, Ontario

Hi Karen:

Thank you for the notice. Do you have any maps you could forward? We typically require 2: 1:50,000 and 1:10,000 (a site plan showing details of the project).

Regards,  
Katherine

---

**From:** Karen Fortin [<mailto:kfortin@oel-hydrosys.ca>]  
**Sent:** July 15, 2009 12:42 PM  
**To:** Kirzati, Katherine (MCL)  
**Cc:** Tami Sugarman  
**Subject:** Notice of Commencement under Class EA for Waterpower Projects - Renfrew, Ontario

Hello Katherine

Paige Campbell in the Thunder Bay office suggested I forward this NOC to you.

There are two phases to the undertaking, a redevelopment phase and the construction of a new powerhouse a bit further downstream.

An archeological assessment of the site is currently underway.

Regards

Karen

On behalf of Renfrew Power Generation Inc, we are pleased to submit the attached Notice of Commencement for a proposed 6.1MW hydroelectric project in the town of Renfrew, Ontario.

If approved, the redevelopment of the existing generating stations and the new Clear Point Generating Station would produce 22,300 MWh of renewable energy annually.

This project is subject to the Ontario Waterpower Association "Class EA Environmental Assessment for Waterpower Projects" (October, 2008).

A copy of this Notice of Commencement will appear in the Renfrew Weekender edition to be published on July 16, 2009.

If you require a hard copy of the NOC or more information on the undertaking, please contact Tami Sugarman at [tsugarman@oel-hydrosys.ca](mailto:tsugarman@oel-hydrosys.ca).



**Karen Fortin, A.Sc.T. – Environmental Approvals**

OEL-HydroSys Inc. – 3108 Carp Road - P.O. Box 430, Carp Ontario K0A 1L0  
(T) (613) 839-1453 ext. 261 (C) (613) 294-5122 (F) (613) 839-5376  
[kfortin@oel-hydrosys.ca](mailto:kfortin@oel-hydrosys.ca) – [www.wesa.ca](http://www.wesa.ca)

**OEL-HydroSys, WESA Envir-Eau, WESA, WESA Technologies, membres de/members of WESA Group Inc.**

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Version: 8.5.375 / Virus Database: 270.13.15/2239 - Release Date: 07/15/09 06:07:00

## Muriel Kim

---

**From:** Cifuentes, Alejandro (MCL) [Alejandro.Cifuentes@ontario.ca]  
**Sent:** September 3, 2009 12:43 PM  
**To:** Tami Sugarman  
**Cc:** Kirzati, Katherine (MCL)  
**Subject:** RE: Renfrew Power Generation EA

Hello Tami,

Thank you for your e-mail and the detailed information.

Katherine is still assigned to the file, but she is currently on vacation and she asked me to look at some of her files while she is away.

I will pass on the information to Katherine once she gets back.

Regards,

**Alejandro Cifuentes**

Heritage Planner  
Ministry of Culture  
Programs and Services Branch - Culture Services Unit  
400 University Avenue, 4th Floor  
Toronto, Ontario M7A 2R9  
T 416-314-7159  
F 416-212-1802  
Alejandro.Cifuentes@ontario.ca

---

**From:** Tami Sugarman [mailto:tsugarman@oel-hydrosys.ca]  
**Sent:** September 3, 2009 12:13 PM  
**To:** Cifuentes, Alejandro (MCL)  
**Cc:** pkboldt@renfrewpg.ca; Kirzati, Katherine (MCL); Campbell, Paige (MCL)  
**Subject:** RE: Renfrew Power Generation EA  
**Importance:** High

Mr. Cifuentes

Thank you for your email. Can we assume then that Katherine Kirzati is no longer assigned to this file or are you a separate division? Ms. Kirzati received a Notice of Commencement on July 15, 2009 and a project description document including mapping on July 16, 2009. Both these documents are attached for your files. Paige Campbell in Thunder Bay also received the Notice of Commencement.

A Stage 1 Archaeological assessment report was completed by Kinicknick Heritage Consultants (Cobden, Ontario) in July 2009 for this site/project and submitted to the MC license office in Toronto, which most likely sent it along to the Thunder Bay office of the MC for review (i.e. Paige Campbell). I have scanned a copy and attached it to this email for your files.

I believe the project description and the Stage 1 reports will have the type of information that you are requesting. If you require additional clarification please do not hesitate to contact me.

The project is in the data collection and documentation stage of the planning process. All natural biological assessments have been completed; the Stage 1 Archaeological assessment completed; CEAA agencies are consulted and been involved in the planning process; we have conducted public consultation (2 community meetings) and been in contact with the local First Nation (Algonquins of Ontario); and, MNR has also been directly involved in the planning process. We are planning to issue the ESR in late fall. Due to the unsettled issues surrounding the *GEGEA* and the proposed REA process the provincial EA planning process is a little scattered this year – in the meantime for this project we are

following the only approved EA planning process in Ontario for waterpower developments - the Ontario Waterpower Association's Class EA planning process - and will be shortly issuing an invite for all the provincial agencies that have expressed an interest in the project to date to attend a teleconference call later this month to further discuss their particular EA considerations for this project. I will include you, Katherine and Paige on this invite and hope that MC may have review comments on the Stage 1 Assessment report in time for this discussion.

Sincerely,  
Tami Sugarman



**Tami Sugarman, B.Sc., P.Geo. — Principal, Environmental Assessment and Approvals Coordinator**

OEL-HydroSys Inc. — 3108 Carp Road - P.O. Box 430, Carp Ontario K0A 1L0

(T) (613) 839-1453 x229 (C) (613) 894-3509 (F) (613) 839-5376

**tsugarman@oel-hydrosys.ca — www.wesa.ca**

**OEL-HydroSys, WESA Envir-Eau, WESA, WESA Technologies, members of WESA Group Inc.**

NOTE: Si ce courriel ne vous est pas adressé, veuillez le supprimer immédiatement. La transmission non autorisée de ce courriel est interdite.



*Pensez à l'environnement avant l'impression de ce courriel*

**From:** Cifuentes, Alejandro (MCL) [mailto: Alejandro.Cifuentes@ontario.ca]

**Sent:** September 1, 2009 1:54 PM

**To:** pkboldt@renfrewpg.ca

**Cc:** Tami Sugarman

**Subject:** Renfrew Power Generation EA

Dear Mr. Boldt,

Thank you for your letter with respect to Renfrew Power Generation Project, Renfrew. I am wondering if you could provide the Ministry of Culture (MCL) with more information regarding this project. A good beginning would be to update me on the status of the project and where it stands on the planning process. Also it would great for me to have some site maps of the planned project in order to learn where the new facilities (if any) are going to be located. Also, I am wondering if an archaeological/ cultural assessment has been (will be) done as part of the Class EA process. I hope it is not too late for MCL to comment/participate on this project.

If you have any comments, or questions please do not hesitate to contact me at the contact information provided below.

Best regards,

Alejandro C.

**Alejandro Cifuentes**

Heritage Planner

Ministry of Culture

Programs and Services Branch - Culture Services Unit

400 University Avenue, 4th Floor

Toronto, Ontario M7A 2R9

T 416-314-7159

F 416-212-1802

Alejandro.Cifuentes@ontario.ca

Ministry of Culture

Culture Programs Unit  
Programs and Services Branch  
426 S. James St., Suite 334  
Thunder Bay, ON P7E 6S7  
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Fax: (807) 475-1297  
Email: [paga.campbell@ontario.ca](mailto:paga.campbell@ontario.ca)

Ministère de la Culture

Unité des programmes culturels  
Direction des programmes et des services  
Bureau 334, 436 rue James est  
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Tél: (807) 475-1632  
Télex: (807) 475-1297  
Email: [caige.usanobell@ontario.ca](mailto:caige.usanobell@ontario.ca)



October 22, 2009

Ken Swayza  
Kinickinick Heritage Consultants  
R. R. # 5  
Cobden, ON K0J 1K0

Dear Ken,

**Re: Review and acceptance into the provincial register of reports the archaeological assessment report entitled "A Stage 1 Archaeological Assessment of the Clear Point Small Hydro Project, Part Lot 13 Concessions 1 & 2 Horton Twp (Geo.), Town of Renfrew, Renfrew County" written July 2009, received on August 26, 2009**

**PIF: P038-144-2009**

**RMS: HD00380**

This office has reviewed the above-mentioned report, which has been submitted to this Ministry as a condition of licensing in accordance with Part VI of the Ontario Heritage Act, R.S.O. 1990, c 0.16. This review is to ensure that the licensed professional consultant archaeologist has met the terms and conditions of their archaeological licence, that archaeological sites have been identified and documented according to the 1993 technical guidelines set by the Ministry and that the archaeological fieldwork and report recommendations ensure the conservation, protection and preservation of the cultural heritage of Ontario.

This Stage 1 background study shows that there are areas of confirmed potential on the subject property. It is recommended that these areas be further addressed by a Stage 2 field survey. The Ministry of Culture concurs with these recommendations and accepts this report into the provincial register of archaeological reports.

Please contact me with any concerns regarding this matter.

Yours,

Paige Campbell  
Acting Archaeology Review Officer  
cc Renfrew Power Generation Inc.

## Muriel Kim

---

**From:** Kirzati, Katherine (MCL) [Katherine.Kirzati@ontario.ca]  
**Sent:** October 30, 2009 4:39 PM  
**To:** Karen Fortin  
**Subject:** RE: Clear Point and existing generating stations DRAFT Minutes of Provincial EA Coordination Meeting for your review/comments

Hi Karen:

Sorry for not replying earlier. I've been in and out of the office and things have been pretty hectic.

I have, indeed, received all your emails, with attachments and will be reviewing them in due course.

Regards,

### **KATHERINE KIRZATI**

Heritage Planner  
E and NE Regions  
**Ministry of Culture**  
Programs and Services Branch  
4th Floor | 400 University Ave  
Toronto, ON | M7A 2R9  
t. 416.314.7643 | f. 416.212.1802  
[katherine.kirzati@ontario.ca](mailto:katherine.kirzati@ontario.ca)

---

**From:** Karen Fortin [<mailto:kfortin@oel-hydrosys.ca>]  
**Sent:** October 28, 2009 11:10 AM  
**To:** Samson, Joanna (MNR); Soulliere, Pat (MNR); Trute, Lauren (MNR); Hyde, Al (MNR); Mitchell, Vicki (ENE); Kirzati, Katherine (MCL); Cifuentes, Alejandro (MCL)  
**Cc:** Peter Boldt; Tami Sugarman  
**Subject:** Clear Point and existing generating stations DRAFT Minutes of Provincial EA Coordination Meeting for your review/comments

Hello

Apologies that we're a little late getting these to you. If you could please review and return comments for the meeting minutes.

Regards

Karen



**Karen Fortin, A.Sc.T. — Environmental Approvals**

OEL-HydroSys Inc. — 3108 Carp Road - P.O. Box 430, Carp Ontario K0A 1L0



**Ministry of Tourism and Culture**

Culture Programs Unit  
Programs and Services Branch  
Culture Division  
435 S. James St., Suite 334  
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Tel.: 807 475-1632  
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**Ministère du Tourisme et de la Culture**

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Division de culture  
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Tél.: 807 475-1632  
Télééc.: 807 475-1297



July 2, 2010

Ken Swayze,  
RR #5,  
Cobden, ON K0J 1K0

Dear,

**Re: Review and acceptance into the provincial register of reports the archaeological assessment report entitled "A Stage 2 & 3 Archaeological Assessment of the Clear Point Small Hydor Project, SW 1/4 Lot 13, Concession 2, Horton Twp (Geo.) Town of Renfrew, Renfrew County" written on February 22, 2010, received on March 1, 2010.**

**PIF: P039-149-2009**

**MTC: HD00390**

This office has reviewed the above-mentioned report, which has been submitted to this Ministry as a condition of licensing in accordance with Part VI of the Ontario Heritage Act, R.S.O. 1990, c 0.18. This review is to ensure that the licensed professional consultant archaeologist has met the terms and conditions of their archaeological licence, that archaeological sites have been identified and documented according to the 1993 technical guidelines set by the Ministry and that the archaeological fieldwork and report recommendations ensure the conservation, protection and preservation of the cultural heritage of Ontario.

The report recommends that:

As the archaeological mitigation concerns for archaeological site identified during the assessment have been addressed, there are no further archaeological concerns for the proposed undertaking.

The Ministry of Tourism and Culture concurs with these recommendations and accepts this report into the provincial register of archaeological reports.

Please feel free to contact me with any concerns or questions regarding this letter.

Yours,

A handwritten signature in cursive script that reads "A Hinshelwood".

Andrew Hinshelwood  
Archaeology Review Officer

**Muriel Kim**

---

**From:** Tami Sugarman  
**Sent:** September 8, 2009 9:46 AM  
**To:** Karen Fortin  
**Subject:** FW: Notice of Commencement under Class EA for Waterpower Projects - Renfrew, Ontario

-----  
Tami Sugarman - OEL-HydroSys Carp - (613) 839-1453 x229

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

**From:** Tami Sugarman  
**Sent:** August 11, 2009 1:54 PM  
**To:** 'Rukavina, Martin (MAA)'  
**Cc:** Karen Fortin  
**Subject:** RE: Notice of Commencement under Class EA for Waterpower Projects - Renfrew, Ontario

Martin

To clarify on Karen's response. The Algonquins of Ontario - Algonquin Nation Representatives (ANR) were contacted through Jp2g Consultants in line with standard engagement protocols. The Algonquins of Pikwakanagan First Nation Chief Kirby Whiteduck was also contacted directly in writing.

Tami

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

**From:** Karen Fortin  
**Sent:** July 16, 2009 7:19 AM  
**To:** 'Rukavina, Martin (MAA)'  
**Cc:** Tami Sugarman; 'Peter Boldt'  
**Subject:** RE: Notice of Commencement under Class EA for Waterpower Projects - Renfrew, Ontario

Hello Martin

The NOC was issued to the Algonquins of Pikwakanagan First Nation, specifically to Chief Kirby Whiteduck and to their representative, Mr. J.E. Hunton of Jp2g Consultants. An early notification of the proposed undertaking was submitted to the First Nation during the week of April 24, 2009. The proponent is working towards a meeting with members of the First Nation and their representative.

Karen

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

**From:** Rukavina, Martin (MAA) [<mailto:Martin.Rukavina@ontario.ca>]  
**Sent:** Wednesday, July 15, 2009 7:54 PM  
**To:** Karen Fortin  
**Subject:** RE: Notice of Commencement under Class EA for Waterpower Projects - Renfrew, Ontario

Hi Karen,

Thank you for sending your Notice of Commencement. Can you please confirm for me what First Nations and Metis communities you have notified with respect to this project?

Thank you,  
Martin Rukavina - Advisor, Relationships Ministry of Aboriginal Affairs  
Tel: (416) 327-9594

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

From: Karen Fortin [<mailto:kfortin@oel-hydrosys.ca>]  
Sent: Wed 7/15/2009 10:30 AM  
To: Rukavina, Martin (MAA)  
Subject: Notice of Commencement under Class EA for Waterpower Projects - Renfrew, Ontario

On behalf of Renfrew Power Generation Inc, we are pleased to submit the attached Notice of Commencement for a proposed 6.1MW hydroelectric project in the town of Renfrew, Ontario.

If approved, the redevelopment of the existing generating stations and the new Clear Point Generating Station would produce 22,300 MWh of renewable energy annually.

This project is subject to the Ontario Waterpower Association "Class EA Environmental Assessment for Waterpower Projects" (October, 2008).

A copy of this Notice of Commencement will appear in the Renfrew Weekender edition to be published on July 16, 2009.

If you require a hard copy of the NOC or more information on the undertaking, please contact Tami Sugarman at [tsugarman@oel-hydrosys.ca](mailto:tsugarman@oel-hydrosys.ca) <<mailto:tsugarman@oel-hydrosys.ca>> .

Regards

---

Karen Fortin, A.Sc.T. - Environmental Approvals OEL-HydroSys Inc. - 3108 Carp Road - P.O. Box 430, Carp Ontario K0A 1L0  
(T) (613) 839-1453 ext. 261 (C) (613) 294-5122 (F) (613) 839-5376  
[kfortin@oel-hydrosys.ca](mailto:kfortin@oel-hydrosys.ca) - [www.wesa.ca](http://www.wesa.ca)

OEL-HydroSys, WESA Envir-Eau, WESA, WESA Technologies, membres de/members of WESA Group Inc.

## Muriel Kim

---

**From:** Rukavina, Martin (MAA) [Martin.Rukavina@ontario.ca]  
**Sent:** September 22, 2009 9:27 AM  
**To:** Tami Sugarman  
**Subject:** RE: RENFREW POWER GENERATION INC.- REdevelopment of existing power generating stations and new Clear Point generating station waterpower project OWA Class EA Teleconference Meeting

Tami – If you have already contacted the Algonquin Consultation Office, the Ministry of Aboriginal Affairs likely does not have any further comment on your project at this time.

Martin

---

**From:** Tami Sugarman [mailto:tsugarman@oel-hydrosys.ca]  
**Sent:** September 22, 2009 8:59 AM  
**To:** Rukavina, Martin (MAA); Kary, Alan (JUS); Nadeau, Alain (MTO); [jhutton@countyofrenfrew.on.ca](mailto:jhutton@countyofrenfrew.on.ca); [ina.buccilli@OEB.gov.on.ca](mailto:ina.buccilli@OEB.gov.on.ca)  
**Subject:** RENFREW POWER GENERATION INC.- REdevelopment of existing power generating stations and new Clear Point generating station waterpower project OWA Class EA Teleconference Meeting

Good morning

Notification of the provincial EA coordination meeting was sent to you on September 4, 2009, we have yet to receive a response from your office.

This is a reminder that the meeting is scheduled for tomorrow, September 23 at 10:00am.

If you would like to participate in the EA Coordination meeting, please respond in order that we may forward the teleconference call-in details and the meeting agenda.

If your office has determined that the proposed undertaking does not raise any concerns in regard to your Ministry, we request that you return confirmation of such for inclusion in the Environmental Screening Report.

Regards

Tami



**Tami Sugarman, B.Sc., P.Geo. — Principal, Environmental Assessment and Approvals Coordinator**

OEL-HydroSys Inc. — 3108 Carp Road - P.O. Box 430, Carp Ontario K0A 1L0

(T) (613) 839-1453 x229 (C) (613) 894-3509 (F) (613) 839-5376

[tsugarman@oel-hydrosys.ca](mailto:tsugarman@oel-hydrosys.ca) — [www.wesa.ca](http://www.wesa.ca)

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## Muriel Kim

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**From:** Smolewski, Magda (MAA) [Magda.Smolewski@ontario.ca]  
**Sent:** June 8, 2011 11:37 AM  
**To:** Karen Fortin  
**Cc:** Pickles, David (MAA)  
**Subject:** FW: Renfrew Power Generation, Revised Notice of Commencement under the Class EA for Waterpower, Thomas Low GS  
**Attachments:** RPG Class EA for Waterpower Amendment to the NOTICE of COMMENCEMENT20110608.pdf

Good morning Karen, as I understand, you shared the revised notice with one of our staff – Martin Rukavina. Please note that David Pickles (whom I cc-ed on this e-mail) is the right contact for this file.  
Best regards

**Magda Smolewski, PhD**  
**Team Lead**  
**Aboriginal and Ministry Relationships Branch: Social/Education**  
Aboriginal Relations and Ministry Partnerships Division  
Ministry of Aboriginal Affairs  
160 Bloor Street East, 9th Floor  
Toronto, Ontario, M7A 2E6  
Phone: 416-326-4756  
Fax: 416-326-4017  
Web site: <http://www.aboriginalaffairs.gov.on.ca>

---

**From:** Karen Fortin [mailto:kfortin@oel-hydrosys.ca]  
**Sent:** June 8, 2011 9:14 AM  
**To:** Athaide, Noemia (MAA)  
**Subject:** FW: Renfrew Power Generation, Revised Notice of Commencement under the Class EA for Waterpower, Thomas Low GS

Hello Noemia;

I'm forwarding this to you subsequent to an out of office message I received from Mr. Rukavina.

Karen



**Karen Fortin, A.Sc.T. – Environmental Approvals Coordinator**

OEL-HydroSys Inc. – 3108 Carp Road - P.O. Box 430, Carp, Ontario, Canada K0A 1L0  
(T) (613) 839-1453 ext. 261 (C) (613) 294-5122 (F) (613) 839-5376

[kfortin@oel-hydrosys.ca](mailto:kfortin@oel-hydrosys.ca) – [www.oel-hydrosys.ca](http://www.oel-hydrosys.ca)

**OEL-HydroSys, WESA Envir-Eau, WESA, WESA Technologies, membres de/members of WESA Group Inc.**

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**From:** Karen Fortin

**Sent:** Wednesday, June 08, 2011 8:36 AM

**To:** 'Vicki.Mitchell@ontario.ca'; Samson, Joanna (MNR); Mcwatters, Ken (MNR); Watchorn, Rick (MNR); 'Chan,Jim [CEAA]'; 'Scott, Mark E'; Martin Rukavina ([martin.rukavina@ontario.ca](mailto:martin.rukavina@ontario.ca)); 'environment@HydroOne.com';

'lina.buccilli@OEB.gov.on.ca'; 'algonquins@nrtco.net'; 'jhutton@countyofrenfrew.on.ca'; 'jeremy.craigs@tc.gc.ca'; 'pnorris@owa.ca'

**Cc:** 'Peter Boldt'; Tami Sugarman

**Subject:** Renfrew Power Generation, Revised Notice of Commencement under the Class EA for Waterpower, Thomas Low GS

Good morning,

Attached is a Revised Notice of Commencement for Renfrew Power Generation's proposed new generating station at its Renfrew, Ontario facility. This Revised NOC is an amendment to the original which was issued in July 2009, and includes information on the revised project design. It is the proponent's intent to finalize the Environmental Report by the end of this summer.

Should you require any additional information, please advise us as soon as possible.

Regards,

Karen

---

## Muriel Kim

---

**From:** jim.ferguson@HydroOne.com  
**Sent:** September 4, 2009 1:31 PM  
**To:** charles.esendal@HydroOne.com  
**Cc:** ierullo@HydroOne.com  
**Subject:** FW: Renfrew Power Gen Inc. - Redevelopment of Existing Hydroc GSs and New Clear Point GS Waterpower Project, Bonnechere River, Renfrew, Ontario - OWA Class EA Teleconference Call\_592-HSEMS-3.3.4  
**Attachments:** OE7350 CEAA Project Description for Clear Point GS FINAL May 2009.PDF  
**Importance:** High

Hi Charles:

FYI and review.

I believe the project will impact Hydro One assets:



**The Clear Point Project will be connected to the 44 kV system of Renfrew Hydro Inc. at the end of Mutual Avenue. The requirement for connection is to rebuild approximately 240 metres of an existing line and add a new 44 kV top circuit in addition to the existing 4200V secondary circuit. The main connection requirements for the Rehabilitation Project are satisfied since the existing connection has ample capacity for the expansion. There will be further Hydro One requirements related to embedded generation on the distribution system supplying the Town of Renfrew. The requirements are presently in draft but are known and are expected to be also adopted by Renfrew Hydro. The Hydro One Inc. and Renfrew Hydro Inc technical guidelines will be incorporated into the detailed engineering.**

Jim.

---

**From:** Tami Sugarman [mailto:tsugarman@oel-hydrosys.ca]  
**Sent:** Friday, September 04, 2009 10:15 AM  
**To:** Vicki.Mitchell@ontario.ca; victor.castro@ontario.ca; joanna.samson@mnr.gov.on.ca; cindy.blancher-smith@ontario.ca; Alejandro.Cifuentes@ontario.ca; Katherine.Kirzati@ontario.ca; Paige.Campbell@ontario.ca; martin.rukavina@ontario.ca; Alan.Kary@ontario.ca; pam.wheaton@ontario.ca; john.macdonald@ontario.ca; alain.nadeau@ontario.ca; jhutton@countyofrenfrew.on.ca; masselin@town.renfrew.on.ca; Hydro One Environment; lina.buccilli@OEB.gov.on.ca  
**Cc:** Meghan.Brien@ceaa-acee.gc.ca; pkboldt@renfrewpg.ca; Kearon Bennett  
**Subject:** Renfrew Power Generation Inc. - Redevelopment of Existing Hydroelectric Generating Stations and New Clear Point Generating Station Waterpower Project, Bonnechere River, Renfrew, Ontario - OWA Class EA Teleconference Call  
**Importance:** High

Good Morning Everyone:

On behalf of the proponent, OEL-HydroSys Inc. will be hosting a project EA coordination meeting via teleconference call on Wednesday, September 23, 2009 at 10 AM. Please ensure this invitation is forwarded to all interested colleagues, as required.

The purpose of the teleconference meeting is to provide a status report of the project, identify each agencies roles and responsibilities and potential permitting and approval requirements; discuss known project-specific environmental values/issues and reporting requirements that are to be addressed and documented within the ESR for each review body; and finally, to review updated timelines for the project.

The current situation in the province in relation to waterpower developments and the unsettled regulatory approvals process brought on by the *GEGEA* has made for an interesting planning process for this project. The journey has taken a non-linear route over this past summer yet I am confident that, our team has succeeded in covering off all issues that typically arise in a waterpower development project and that most of the regulatory (EA and other subsequent approvals) requirements will be addressed to the satisfaction of all participating agencies. A Project Description document was developed for the undertaking in May 2009 and was circulated at that time to the CEA Agency, DFO, TC, MOE Regional EA Coordinator, EAAB, MNR, Algonquins of Ontario Negotiation Representatives (via Jp2g Consultants Inc.), Algonquins of Pikwakanagan First Nation, OWA and also to the Bonnechere River Water Management Plan SAC members (June 2009). Later on in the planning it was also distributed to any provincial/municipal agencies or interested parties that responded to the Notice of Commencement and/or advertisements issued in July 2009 and requested additional information. I have attached the Project Description to this invitation as background material for the teleconference for any party that has not yet reviewed it.

FYI, a federal EA coordination meeting was held on August 11, 2009 with federal agencies. Participating agencies' consultation (provincial and federal has been on-going throughout the spring and summer.

If you are able to attend please contact me at [tsugarman@oel-hydrosys.ca](mailto:tsugarman@oel-hydrosys.ca) to confirm such and receive the dial-in instructions. Alternatively if you are unable to attend, yet wish to discuss your agency's particular interest and requirements for the ESR, please notify me.

*Furthermore: If your agency/group has no interest in participating further in the planning of this project and will not be participating in the Class EA formal review process (i.e. review of the ESR), please contact me directly by email or in writing and you will be removed from the project contact/distribution list.*

Respectfully,  
Tami Sugarman



## Muriel Kim

---

**From:** Tami Sugarman  
**Sent:** February 16, 2010 8:15 AM  
**To:** Yu-Chao.HWANG@HydroOne.com  
**Cc:** ierullo@HydroOne.com; Karen Fortin  
**Subject:** RE: Renfrew Power Generation Hydroelectric Redevelopment Project along Bonnechere River - Class EA

Acknowledged Mr. Hwang

The new facility will be connected to a local distribution company network. We will remove your organization from the project contact list (this should have already been done, my apologies).

Best regards,  
Tami Sugarman

---

**Tami Sugarman - OEL-HydroSys Carp - (613) 839-1453 x229**

**From:** [Yu-Chao.HWANG@HydroOne.com](mailto:Yu-Chao.HWANG@HydroOne.com) [<mailto:Yu-Chao.HWANG@HydroOne.com>]  
**Sent:** February 12, 2010 3:11 PM  
**To:** Tami Sugarman  
**Cc:** [ierullo@HydroOne.com](mailto:ierullo@HydroOne.com); [Yu-Chao.HWANG@HydroOne.com](mailto:Yu-Chao.HWANG@HydroOne.com)  
**Subject:** Renfrew Power Generation Hydroelectric Redevelopment Project along Bonnechere River - Class EA

Dear Ms. Sugarman,

In our initial review, we can confirm that there are no Hydro One Transmission Facilities in the subject area.

Please be advised that this is only a preliminary assessment based on current information. No further consultation with Hydro One Networks Inc. is required if no changes are made to the current information.

If you have any further questions or concerns, please feel free to contact me.

Regards,

*Yu-Chao (Tom) Hwang*

**Hydro One Networks Inc.**  
*Asset Management, TX Sustainment Investment Planning*  
483 Bay Street, Toronto, Ontario M5G 2P5  
Tel: 416-345-5990

## Muriel Kim

---

**From:** Lok.Mui@HydroOne.com  
**Sent:** June 8, 2011 1:43 PM  
**To:** Karen Fortin  
**Cc:** ierullo@HydroOne.com; pkbolt@renfrewpg.ca  
**Subject:** Renfrew Power Generation, Revised Notice of Commencement under the Class EA for Waterpower, Thomas Low GS  
**Attachments:** Revised Notice of Commencement under the Class EA for Waterpower, Thomas Low GS 592-HSESM-3.3.4.png

Hi Karen,

Attached is a map showing the proposed area of the subject EA and it does not indicate any transmission lines in the proposed area.

As a result, we can confirm that there are no Hydro One Transmission Facilities in the subject area

If you have any further questions or concerns, please feel free to contact me.

Thanks

Lok Man (Jenny) Mui

Transmission Lines Sustainment, System Investment

Asset Management, Hydro One Networks Inc.

416-345-5338

483 Bay Street, 15th Floor, North Tower

**Muriel Kim**

---

**From:** O'Neill, John (OMAFRA) [John.O'Neill@ontario.ca]  
**Sent:** August 21, 2009 2:10 PM  
**To:** pkboldt@renfrewpg.ca; Tami Sugarman  
**Subject:** Class EA for Waterpower Projects (Renfrew)

Peter/Tami

Thank you for the letter concerning the proposed works related to the redevelopment of the Hydroelectric generating stations

This ministry has no specific agricultural related concerns for the subject location.

As such, please feel free to remove OMAFRA from any future correspondence related to this matter

Thanks.

John O'Neill  
Rural Planner  
Food Safety and Environmental Policy Branch  
Environmental and Land Use Policy Unit  
Ontario Ministry of Agriculture, Food and Rural Affairs  
Box 2004, 59 Ministry Road  
Kemptville, ON  
K0G 1J0  
Ph: (613) 258-8341  
Fax: (613) 258-8392  
[john.o'neill@ontario.ca](mailto:john.o'neill@ontario.ca)



## Muriel Kim

---

**From:** Boeheim,Linda [CEAA] [Linda.Boeheim@ceaa-acee.gc.ca]  
**Sent:** March 23, 2010 8:23 AM  
**To:** Denis,Madeleine: NRCAN  
**Cc:** Karen Fortin  
**Subject:** FW: Clear Point Waterpower Project  
**Attachments:** OE7350 NRCAN Explosives Questionnaire.pdf

Hi:

I have been asked to forward the completed questionnaire for the above noted project.

### Linda Boeheim

Project Manager | Gestionnaire de projets  
Canadian Environmental Assessment Agency  
416 954-7334

---

**From:** Karen Fortin [<mailto:kfortin@oel-hydrosys.ca>]  
**Sent:** March 23, 2010 7:19 AM  
**To:** Boeheim,Linda [CEAA]  
**Cc:** Brien,Meghan [CEAA]; Tami Sugarman  
**Subject:** Clear Point Waterpower Project

Good morning

Enclosed is a completed NRCAN questionnaire for the proposed undertaking; blasting would be required for the tailrace excavation. Could you please forward the questionnaire to the agency on our behalf.

The draft Environmental Report is nearing completion, and we hope to issue it for regulatory review next month.

Regards

Karen



### Karen Fortin, A.Sc.T. – Environmental Approvals

OEL-HydroSys Inc. – 3108 Carp Road - P.O. Box 430, Carp Ontario K0A 1L0  
(T) (613) 839-1453 ext. 261 (C) (613) 294-5122 (F) (613) 839-5376  
[kfortin@oel-hydrosys.ca](mailto:kfortin@oel-hydrosys.ca) – [www.wesa.ca](http://www.wesa.ca)

**OEL-HydroSys, WESA Envir-Eau, WESA, WESA Technologies, membres de/members of WESA Group Inc.**

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## Natural Resources Canada and the *Explosives Act* In the Context of *Canadian Environmental Assessment Act*

Natural Resources Canada's involvement in environmental assessment among others, results from the application of certain Acts under the authority of the federal Minister of Natural Resources. One of these Acts that can trigger the *Canadian Environmental Assessment Act* is the *Explosives Act* which regulates the manufacturing, testing, sale, storage, transportation and importation of explosives as well as the use of fireworks.

Specifically, by virtue of this Act, Natural Resources Canada (NRCan) could become involved in the environmental assessment (EA) of projects by issuing, if required, a licence for the manufacture (i.e., factory) and/or storage (i.e., magazine) of explosives (Section 7(1)(a) of the *Explosives Act*).

The issuance of such a licence could be subject to federal EA requirements under the *Canadian Environmental Assessment Act* (CEAA). Under CEAA, an EA requires that all environmental effects of a project be taken into consideration before a decision is made concerning its implementation.

This questionnaire is intended to assist project proponents and NRCan in determining whether a licence under Section 7(1)(a) of the *Explosives Act* is required and whether this triggers an EA under the CEAA. Additional guidance is provided on NRCan's EA requirements should one be required.

### Step 1

Will explosives be used?

Yes  No

If the answer is "Yes" please proceed to Step 2 by answering the following questions on explosives which would help us determine our responsibilities under the CEAA:

### Step 2

Project: Clear Point Water Power Project  
 Location: 32 Bridge Ave West, Renfrew, Ontario  
 Bonnechere River  
 UTM 83 Zone 18 E368170, N5037750  
 Proponent: Renfrew Power Generation Inc.

1. Identify the project title, location and proponent name.

2. Description of the production of explosives.

- Is a factory to make explosives required at or near the site? Please explain <sup>a</sup>. No
- Will a temporary explosives factory be used for the project? Please explain <sup>b</sup>. No
- What are the proposed locations of all factories? N/A
- Will this project require a change of location of an existing factory? Please explain. No

3. Description of the storage of explosives

- Is a magazine(s) to store explosives required at or near the site? Please describe (i.e., footprint, type of storage structure, site access, other ancillary works) <sup>c</sup>. No
- What is the proposed location of the magazine(s)? N/A

<sup>a</sup> An Explosive Factory Licence is required for manufacturing facilities for explosives. A licensed facility can be a fixed site for the manufacture of blasting explosives, ammunition or fireworks, etc., or, in the case of bulk explosives, it can be the base of operations with the facilities necessary to clean, decontaminate and repair vehicles that mix and or deliver explosives directly down the borehole. If there is an existing licensed explosive factory that can serve as the base of operations for the project, then a new factory licence is not required.

Blasting is expected to be small scale and short term. The requirement for the manufacture/on-site storage of explosives is not anticipated. The blasting works would be completed in accordance to the *Explosives Act* by a licensed contractor.

of the study. The first author (SM) was the primary investigator and was responsible for the design, data collection and analysis. The second author (MM) was responsible for the data collection and analysis. The third author (AM) was responsible for the data collection and analysis. The fourth author (SM) was responsible for the data collection and analysis. The fifth author (SM) was responsible for the data collection and analysis. The sixth author (SM) was responsible for the data collection and analysis. The seventh author (SM) was responsible for the data collection and analysis. The eighth author (SM) was responsible for the data collection and analysis. The ninth author (SM) was responsible for the data collection and analysis. The tenth author (SM) was responsible for the data collection and analysis. The eleventh author (SM) was responsible for the data collection and analysis. The twelfth author (SM) was responsible for the data collection and analysis. The thirteenth author (SM) was responsible for the data collection and analysis. The fourteenth author (SM) was responsible for the data collection and analysis. The fifteenth author (SM) was responsible for the data collection and analysis. The sixteenth author (SM) was responsible for the data collection and analysis. The seventeenth author (SM) was responsible for the data collection and analysis. The eighteenth author (SM) was responsible for the data collection and analysis. The nineteenth author (SM) was responsible for the data collection and analysis. The twentieth author (SM) was responsible for the data collection and analysis.

### Discussion

The purpose of this study was to investigate the effect of a 12-week, low-intensity, supervised walking program on the physical and psychological health of sedentary, middle-aged women. The results of this study show that the walking program had a significant positive effect on the physical and psychological health of the participants. The walking program significantly improved the participants' physical fitness, including their aerobic capacity, muscle strength, and flexibility. Additionally, the walking program significantly improved the participants' psychological health, including their mood, self-esteem, and overall quality of life.

These findings are consistent with previous research that has shown that walking is an effective and safe form of exercise for improving physical and psychological health in sedentary, middle-aged women. Walking is a low-impact activity that can be easily incorporated into a daily routine and does not require special equipment or facilities. Therefore, walking is an ideal form of exercise for women who are looking for a simple and accessible way to improve their health.

The results of this study also suggest that a 12-week walking program is sufficient to produce significant improvements in physical and psychological health. This is an important finding because it suggests that women do not need to engage in long-term, high-intensity exercise programs to see benefits. Instead, a short-term, low-intensity walking program can be an effective way to improve health and well-being.

There are several limitations to this study that should be noted. First, the study was a short-term study and it is unclear whether the improvements in physical and psychological health will be maintained in the long term. Second, the study did not include a control group, which would have allowed for a more rigorous comparison of the walking program to other forms of exercise. Finally, the study did not measure a wide range of physical and psychological health outcomes, so it is difficult to know exactly how the walking program affected the participants' health.

### Conclusion

In conclusion, a 12-week, low-intensity, supervised walking program had a significant positive effect on the physical and psychological health of sedentary, middle-aged women. Walking is a simple and accessible form of exercise that can be easily incorporated into a daily routine and is an ideal way to improve health and well-being.

## Muriel Kim

---

**From:** Lina Buccilli [Lina.Buccilli@oeb.gov.on.ca]  
**Sent:** September 23, 2009 8:42 AM  
**To:** Tami Sugarman  
**Subject:** RE: RENFREW POWER GENERATION INC.- REdevelopment of exisiting powergenerating stations and new Clear Point generating station waterpowerporject OWA Class EA Teleconference Meeting

Good Morning,

We will not be participating in this proceeding.

Thank you for the alert.

Regards,

*Lina Buccilli*

*Lina Buccilli, Librarian*  
Ontario Energy Board, Information Resource Centre  
2300 Yonge St., #2701, P.O. Box 2319  
Toronto, Ontario, Canada M4P 1E4  
Tel. 416-440-7655, Toll Free: 1-888-632-6273, Fax: 416-440-7656  
E-Mail: [Lina.Buccilli@oeb.gov.on.ca](mailto:Lina.Buccilli@oeb.gov.on.ca) Web site: [www.oeb.gov.on.ca](http://www.oeb.gov.on.ca)

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**From:** Tami Sugarman [<mailto:tsugarman@oel-hydrosys.ca>]  
**Sent:** September 22, 2009 8:59 AM  
**To:** [martin.rukavina@ontario.ca](mailto:martin.rukavina@ontario.ca); Kary, Alan(JUS); [alain.nadeau@ontario.ca](mailto:alain.nadeau@ontario.ca); [jhutton@countyofrenfrew.on.ca](mailto:jhutton@countyofrenfrew.on.ca); Lina Buccilli  
**Subject:** RENFREW POWER GENERATION INC.- REdevelopment of exisiting powergenerating stations and new Clear Point generating station waterpowerporject OWA Class EA Teleconference Meeting



Good morning

Notification of the provincial EA coordination meeting was sent to you on September 4, 2009, we have yet to receive a response from your office.

This is a reminder that the meeting is scheduled for tomorrow, September 23 at 10:00am.

If you would like to participate in the EA Coordination meeting, please respond in order that we may forward the teleconference call-in details and the meeting agenda.

If your office has determined that the proposed undertaking does not raise any concerns in regard to your Ministry, we request that you return confirmation of such for inclusion in the Environmental Screening Report.

Regards

Tami



**Tami Sugarman, B.Sc., P.Geo. — Principal, Environmental Assessment and Approvals Coordinator**

OEL-HydroSys Inc. — 3108 Carp Road - P.O. Box 430, Carp Ontario K0A 1L0

(T) (613) 839-1453 x229 (C) (613) 894-3509 (F) (613) 839-5376

[tsugarman@oel-hydrosys.ca](mailto:tsugarman@oel-hydrosys.ca) — [www.wesa.ca](http://www.wesa.ca)

**OEL-HydroSys, WESA Envir-Eau, WESA, WESA Technologies, members of WESA Group Inc.**

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## Muriel Kim

---

**From:** Scarr, Tony (MNDMF) [tony.scarr@ontario.ca]  
**Sent:** September 9, 2009 10:02 AM  
**To:** Tami Sugarman  
**Cc:** Blancher-Smith, Cindy (MNDMF); Mandal, Ramesh (MNDMF); Cooper, Leslie (MNDMF)  
**Subject:** FW: Renfrew Power Generation Inc. - Redevelopment of Existing Hydroelectric Generating Stations and New Clear Point Generating Station Waterpower Project, Bonnechere River, Renfrew, Ontario - OWA Class EA Teleconference Call  
**Attachments:** OE7350 CEAA Project Description for Clear Point GS FINAL May 2009.PDF  
**Importance:** High

Dear Tami Sugarman

Thank you for providing notice to the Ministry of Northern Development, Mines and Forestry, re: the proposed Renfrew Power Generation Project, and associated environmental impacts assessments.

A review of the proposal indicates that this Ministry's programs will not be adversely affected by this project proposal as there is no disposition of Crown land or resources, and the project is redevelopment of existing facilities or otherwise to occur on private lands.

This Ministry will not require further notices regarding further environmental impacts assessment or other regulatory approvals.

Yours sincerely

Tony Scarr  
A/Supervisor  
Mining Lands Dispositions Office  
Ministry of Northern Development, Mines and Forestry  
933 Ramsey Lake Road, 6th Floor  
Sudbury, ON P3E 6B5

tel: 705 670 5738  
fax: 705 670 5863  
tony.scarr@ontario.ca

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

From: Tami Sugarman [mailto:tsugarman@oel-hydrosys.ca]

Sent: September 4, 2009 10:15 AM

To: Mitchell, Vicki (ENE); Castro, Victor (ENE); Samson, Joanna (MNR); Blancher-Smith, Cindy (MNDMF); Cifuentes, Alejandro (MCL); Kirzati, Katherine (MCL); Campbell, Paige (MCL); Rukavina, Martin (MAA); Kary, Alan (JUS); Wheaton, Pam (MAA); Macdonald, John (MAH); Nadeau, Alain (MTO); jhutton@countyofrenfrew.on.ca; masselin@town.renfrew.on.ca; environment@HydroOne.com; lina.buccilli@OEB.gov.on.ca

Cc: Meghan.Brien@ceaa-acee.gc.ca; pkboldt@renfrewpg.ca; Kearon Bennett

Subject: Renfrew Power Generation Inc. - Redevelopment of Existing Hydroelectric Generating Stations and New Clear Point Generating Station Waterpower Project, Bonnechere River, Renfrew, Ontario - OWA Class EA Teleconference Call

Importance: High

Good Morning Everyone:

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The current situation in the province in relation to waterpower developments and the unsettled regulatory approvals process brought on by the GEGEA has made for an interesting planning process for this project. The journey has taken a non-linear route over this past summer yet I am confident that, our team has succeeded in covering off all issues that typically arise in a waterpower development project and that most of the regulatory (EA and other subsequent approvals) requirements will be addressed to the satisfaction of all participating agencies. A Project Description document was developed for the undertaking in May 2009 and was circulated at that time to the CEA Agency, DFO, TC, MOE Regional EA Coordinator, EAAB, MNR, Algonquins of Ontario Negotiation Representatives (via Jp2g Consultants Inc.), Algonquins of Pikwakanagan First Nation, OWA and also to the Bonnechere River Water Management Plan SAC members (June 2009). Later on in the planning it was also distributed to any provincial/municipal agencies or interested parties that responded to the Notice of Commencement and/or advertisements issued in July 2009 and requested additional information. I have attached the Project Description to this invitation as background material for the teleconference for any party that has not yet reviewed it.

FYI, a federal EA coordination meeting was held on August 11, 2009 with federal agencies. Participating agencies' consultation (provincial and federal has been on-going throughout the spring and summer.

If you are able to attend please contact me at [tsugarman@oel-hydrosys.ca](mailto:tsugarman@oel-hydrosys.ca) <<mailto:tsugarman@oel-hydrosys.ca>> to confirm such and receive the dial-in instructions. Alternatively if you are unable to attend, yet wish to discuss your agency's particular interest and requirements for the ESR, please notify me.

Furthermore: If your agency/group has no interest in participating further in the planning of this project and will not be participating in the Class EA formal review process (i.e. review of the ESR), please contact me directly by email or in writing and you will be removed from the project contact/distribution list.

Respectfully,

Tami Sugarman

**Muriel Kim**

---

**From:** Karen Fortin  
**Sent:** June 24, 2011 2:26 PM  
**To:** 'amy.gibson@ontario.ca'; Smith, Brett (MEI)  
**Cc:** Tami Sugarman  
**Subject:** Renfrew Power Generation Project Description  
**Attachments:** OE7350 CEAA Project Description for Clear Point GS FINAL May 2009.PDF

Hello Amy and Brett

I'm glad we had a chance to connect and discuss the project and the AOO.  
We'll put together a summary of Aboriginal Consultation together next week.  
In the interim, attached is the project description.

Regards,

Karen

**Muriel Kim**

---

**From:** Karen Fortin  
**Sent:** June 28, 2011 1:18 PM  
**To:** 'amy.gibson@ontario.ca'; Smith, Brett (MEI)  
**Cc:** 'Mcwatters, Ken (MNR)'; Tami Sugarman  
**Subject:** Summary of Aboriginal Consultation in Support of Renfrew Power Generation Waterpower Project  
**Attachments:** Renfrew Power Generaion Algonquins of Ontario Consultation Summary.docx; Aboriginal Consultation Summary for MEI.PDF

Hello Amy and Brett

Attached is a Word document that provides a synopsis of the consultation efforts made to date in support of the project.

I've also included key correspondences arranged in chronological order.

I trust that you will find everything you require.

As mentioned in our telephone conversation, if you require any specific details regarding the AOO, please speak with Ken McWatters (copied) at MNR Pembroke.

Regards,

Karen

**MINUTES OF MNR/DFO AGENCY MEETING**  
**Renfrew Power Generation**  
**Clear Point Development and Existing Renfrew GS**  
**Redevelopment Project**

**Date: Tuesday, June 30, 2009**

**Meeting Location:** MNR Pembroke District Office, 31 Riverside Drive, Pembroke, Ontario

**Prepared By:** Tami Sugarman

**Attendees:**

**MNR Pembroke District:**

- Al Hyde, Area Supervisor (AH)
- Paul Moreau, District Manager (PM)
- Kirby Punt, Area Biologist (KP)
- Joanna Samson, Water Resource Coordinator (JS)
- Pat Soulliere, Senior Lands and Waters Tech (PS)
- Lauren Trute, SAR Biologist (LT)

**MNR Regional:**

- Brad Graham, Provincial *Endangered Species Act (ESA)* Policy Development Group (BG)
- Kirk Sobey, Southern Regional SAR Unit (KS)

**DFO:**

- Georgina Williston, Fish Habitat Biologist (GW)

**Renfrew Power Generation (Proponent):**

- Peter Boldt (PB)

**OEL-HydroSys Inc. (Engineering and Approvals Consultants):**

- Kearon Bennett, Engineer (KB)
- Tami Sugarman, Approvals Coordinator (TS)

**Bowfin Environmental (Biological Consultants):**

- Michelle Lavictoire, Biologist (ML)

**Regrets:**

**MNR Pembroke District:**

- Daryl Coulson, District Ecologist
- Amy Cameron, Planning Ecologist

**Attachments**

MNR Comments sent by email on June 26, 2009 from Joanna Samson on the Clear Point Development and Renfrew GS Redevelopment early June Project Description and Existing Conditions Summary Report

The following Meeting Minutes were recorded by Tami Sugarman of OEL-HydroSys. The notes reflect the understanding of discussions held at the meeting. Based on comments received from the draft distribution, these minutes have been adopted and are considered accurate.

Item	Item Description	Action by
1.0	<p>Introductions were made.</p> <p>The purpose of the meeting was to develop a defined scope for the OWA Class EA in regards to MNR and DFO biological assessment requirements for the project.</p> <p>No official agenda was presented for the meeting, however all present agreed that the June 26, 2009 MNR staff comments would be revisited in order as presented, and addressed to the extent possible during this meeting.</p> <p>Clarification was given that there are two phases of development for this project;  Phase 1 – Development of the new Clear Point GS  Phase 2 – Redevelopment of the existing GS1 and GS2.</p> <p>Peter Boldt provided an overview of the existing site layout and the proposed works using an air photo presentation poster of the project site.</p> <p>The environmental planning process to be followed is the OWA Class EA for Projects Associated with Existing Infrastructure on Managed Waterways. One EA planning process would be completed including both phases of the development project.</p>	
2.0	<p>Butternut (SAR species):</p> <p>The proponent and consulting team acknowledge that a butternut health assessment will be undertaken at the project construction site as soon as possible by Michelle Lavictoire (Bowfin Environmental Consulting) a certified butternut health inspector (later decided this would be undertaken on July 10, 2009).</p> <p>Kirby Punt suggested that there may be an opportunity to coordinate with the information gathered from the Town's sewage treatment plant project. There is no need to duplicate surveys on common parcels of land between the two projects. It was agreed that only the areas to be disturbed during the project's construction phase as well as the project's footprint (new intake; penstock route and powerhouse) are required to be surveyed.</p> <p>If found, retainable trees will be managed accordingly and if removal is required an application will be made to remove any trees. The proponent will comply with the terms and conditions of the permit.</p> <p>Peter Boldt mentioned that other tree species will have to be removed for the construction of the penstock and there may be an opportunity to plant Butternut trees in these areas at the end of the construction.</p>	<p>ML</p> <p>TS and PB</p>



**3.0**

**American Eel (ESA- *Endangered Species Act*):**

Paul Moreau stated that the room would need clarification from MNR Regional on whether the *ESA* is triggered with the first phase of the project (Clear Point new GS) or the second phase (Re-development of existing GS plants and dam repairs)?

Brad Graham (MNR *ESA* Policy Group) explained that in waterpower projects the *ESA* is a legislation which pertains to existing facilities (i.e. dams) that represent an impediment to the natural movements of fish passage. There are two structures at the project site (lower – Dam #2 and upper – Dam #1). The *ESA* is triggered when an endangered species (in this case American Eel) is documented at the facility, in this case the downstream side of the lower dam (Dam #2). The following clarification on information given at the June 30<sup>th</sup>, 2009 meeting on the *ESA* were provided in a July 6<sup>th</sup>, 2009 email from Brad Graham and have been included herein;

*Ontario Regulation 242/08 (para. 2 of s. 11(2)) provides a 3-year grace period or general exemption during which a facility that is currently having an impact on a species that is protected under the ESA 2007 can continue to operate without contravening clause 9(1)(a) and subsection 10(1) of the ESA 2007. To continue to operate beyond that time without contravening the Act would require some form of authorization under the ESA 2007 (i.e., a permit or an agreement). The purpose of an agreement under section 11 of the Regulation is to provide an exemption for operators of a hydro-electric generating station subject to the terms and conditions of the agreement. The terms and conditions must include reasonable steps to minimize adverse effects on the species for which the agreement has been entered into as well as a mandatory requirement for monitoring the effects of the operation of the station on the species. For American eels, passage is just one of the effects to be mitigated as turbine mortality is also a major adverse effect that should also be addressed.*

Kirby Punt responded that American Eel has been reported in the reach (Reach 2) of the Bonnechere River below the lower dam. He reports interviews with anglers (Fish and Game Club members and other anglers and sportsmen) that report catching eel below Renfrew as early as 2006.

Tami Sugarman asked whether these types of reports are accepted as formal documentation according to the *Endangered Species Act*.

Al Hyde responded that one or two would not be considered as such however, as the number of reports increase the veracity of these reports is strengthened.

While the proponent and the consulting team do not dispute the existence of these reports, the question as to whether this form of reporting is adequate was reiterated. A request was made for the MNR (provincial level) to clarify whether this form of evidence is an acceptable level of documentation and enough to trigger the *Endangered Species Act*.

**BG and/or  
KS**

<p>Michelle Lavictoire stated that until last year, OMNR had informed the consultant team that American Eels were present in Lac des Chats, on the Ottawa River, no documentation however, was provided to the consulting team of American Eels in the Bonnechere River except a statement in the Site Description package issued for First Chute indicating that anglers had caught American Eel below the First Chute of the Bonnechere River (Reach 1). As it is recognized that First Chute is not a barrier to American Eel, discussions around consideration for eel passage design in a proposed waterpower development of the First Chute site have taken place. The comments received recently for this proposed project represent the first time that OMNR has indicated that the OMNR has begun to collect data from the public of the eels above First Chute. To date formal documentation of this collected data has not been provided to the consulting team.</p>	
<p>It was discussed that searches could be done in the tailrace area of the existing GS2 and the future tailrace of the proposed Clear Point GS for small elvers to substantiate these claims it was supported by the MNR group. It was agreed that the consulting team and OMNR could work together to conduct this as part of the monitoring at the point when it is required.</p>	<p><b>ML and KP</b></p>
<p>Peter Boldt stated that this is a great opportunity for the waterpower industry and government regulators to collaborate in a research and development study addressing the American Eel issue in Ontario. Renfrew Power Generation has very limited financial resources at present. It was agreed that MNR would look into the opportunities for funding on this project in regards to this issue (SAR Stewardship Fund, research funding for SAR?).</p>	<p><b>AH, LT and/or JS</b></p>
<p>Al Hyde and Paul Moreau acknowledged that a collaborative effort to find a solution was a good idea and agreed that the Pembroke District would be open to working together with the proponent.</p>	
<p>DFO was asked if any funding programs existing in their agency for this type of endeavour and Georgina Williston responded that DFO did not have such a funding program.</p>	
<p>It was suggested that NRCan or other federal or provincial ministries may have R&amp;D or Green Energy funds that this undertaking may qualify for and the consulting team agreed to also look into this matter.</p>	<p><b>TS and PB</b></p>
<p>Tami Sugarman asked if general statements and adaptive strategies approach could be outlined within the OWA Class EA environmental report describing the proponent's commitment to conform to triggered <i>ESA</i> requirements during the legislative permits and approvals process and if this would be sufficient to complete the EA planning process.</p>	
<p>After additional discussion, Brad Graham clarified that the <i>Endangered Species Act</i> pertains to existing and new infrastructures rather than the planning process. If through monitoring it can be determined that American Eels are attracted to the tailrace area of the existing G2 and therefore most likely will be attracted to the proposed Clear Point GS then an agreement</p>	

	<p>will have to be worked out for the mitigation of the lower dam's impact to eel migration.</p> <p>If it is documented that American Eel is present below the upper dam then the same actions will be required in regards to this dam and so on upstream the Bonnechere River to the last impediment to eel passage.</p> <p>Although proposed works or other undertakings associated with existing structures places those structures in the limelight the <i>ESA</i> requirement is triggered and progresses simply as a result of the eels being documented downstream of the dam and is independent of any environmental assessment or other planning process.</p> <p>The question was asked how Phase 2 of the proposed works (re-development of the existing GS and rehabilitation of the two dams) which is included in the same OWA Class EA planning process as the proposed Phase 1 works (new Clear Point facility) is handled if it is to be completed a year or two later. Is a separate <i>ESA</i> agreement required for the rehabilitation of the upper and lower dam construction works?</p> <p>Brad Graham reiterated that the <i>ESA</i> process is triggered by the documentation of the endangered species in the river below the dam. Once this trigger happens for the upper dam at this site there are amendment provisions in the <i>ESA</i> that can be used to address the unique situation at this multiple dam site which would incorporate the upper dam's mitigation requirement strategies in the existing agreement.</p> <p>It was accepted by all present that the best approach in regards to the EA would be if the environmental report includes the proponent's approach to addressing the legislative requirements of the <i>Endangered Species Act</i>(i.e. adaptive management strategy should be outlined), and it's acceptable, the MNR will acknowledge that the <i>ESA</i> issue of eel passage has been adequately addressed in the OWA Class EA report (ER). At this point the ER will be considered complete. Recognizing that detailed engineering designs for mitigation measures for eel passage are to be provided during the next step (legislative permits and approvals) of the development process, the OWA Class EA will not be furthered delayed in regards to this issue.</p> <p>MNR mentioned that eel passage mitigation measures were currently being considered at another site in Ontario and the Pembroke office would be monitoring the outcome of that study to see if the solutions could be applied at dams in this district.</p>	<p>JS</p>
<p>4.0</p>	<p><b>Other Species of Concern:</b></p> <p>Michelle Lavictoire agreed that the other species of concern identified in the MNR review comments would be addressed in the final biological environment existing conditions and impact assessment report.</p>	<p>ML</p>

<p><b>5.0</b></p>	<p>Comments/questions specific to the documents:</p> <p><u>Project Description prepared by OEL-HydroSys Inc.</u></p> <p>Joanna Samson indicated that most of these comments were indicated as general comments but may need to be discussed with Daryl Coulson, who was not available for today's meeting.</p> <p>Tami Sugarman acknowledged that the Project Description document is an initial planning document with the purpose to initiate conversations necessary to properly scope the assessment process for the proposed project.</p> <p>The proponent and consulting team acknowledge that Species of Conservation Concern (S1-S3 ranked species) and Significant Wildlife Habitat will be considered in the potential impacts assessment of the project's lifecycle phases and subsequently addressed in the OWA Class EA Environmental Report.</p> <p><u>Existing Conditions Report prepared by Bowfin</u></p> <p>The terrestrial habitat assessment methodology and discussion will be included in the final report.</p> <p>Missing details on the bird survey conducted at the site will be included in the final report.</p> <p>Terrestrial habitat information for the area within 120 meters of the proposed buried penstock and other areas directly affected by the construction will be included in the impact assessment document submitted with the ER.</p> <p>The biological assessment team and their respective qualifications will be included in the final existing conditions report</p>	<p><b>DC and ML</b></p> <p><b>TS</b></p> <p><b>ML</b></p> <p><b>ML</b></p> <p><b>ML</b></p> <p><b>ML</b></p>
<p><b>6.0</b></p>	<p>An on-site meeting to tour the existing tailraces and proposed Clear Point tailrace and to discuss possible eel passage mitigation measures was identified as necessary and was scheduled for Friday, July 10, 2009 at 10 AM at the Renfrew Power Generation facility in the Town of Renfrew, Ontario.</p> <p>Inquiries will be made to see if a MNR Engineer will be available to also attend this meeting.</p>	<p><b>AH, KP, JS, PS, GW, ML, PB and TS to attend.</b></p> <p><b>JS</b></p>
<p><b>7.0</b></p>	<p>At this point it was agreed that all MNR issues and concerns had been addressed at this meeting.</p> <p>DFO will support MNR with respect to eel passage at the existing facilities</p>	
<p><b>8.0</b></p>	<p>Meeting was adjourned at 11:45 AM</p>	

## Muriel Kim

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**From:** Tami Sugarman  
**Sent:** July 6, 2009 2:39 PM  
**To:** 'Samson, Joanna (MNR)'; 'Williston, Georgina'; Hyde, Al (MNR); Punt, Kirby (MNR); 'brad.j.graham@ontario.ca'; 'kirk.sobey@ontario.ca'  
**Cc:** 'Peter Boldt'; 'bowfin'; Kearon Bennett  
**Subject:** Renfrew Power Generation Renfrew Ontario Development Proposal June 30-09 Meeting Minutes  
**Attachments:** OE7350 20090630 Meeting Minutes and Actions.doc  
**Importance:** High

Good Afternoon All

Please find attached to this email the minutes of our meeting held on June 30, 2009 at the MNR Pembroke District office in Pembroke, Ontario. The Minutes were recorded by Tami Sugarman of OEL-HydroSys. The notes reflect the understanding of discussions held at the meeting and should any of those present have different interpretations or recollections, they should advise of necessary revisions. The revisions will be documented and redistributed. If no comments are received prior to **Noon on Thursday, July 9, 2009**, these minutes will be adopted and considered as being accurate.

As a result of discussions at this meeting concerning documentation of listed species at the Dam #2 (lower dam) area and the trigger requirements of the *Endangered Species Act (ESA)*, the proponent, Renfrew Power Generation, respectfully requests that MNR provide formal notification along with the documentation supporting the presence of American Eel below the lower dam (Dam #2) at the proposed project site (according to the recognized ESA procedure) to officially trigger the *Endangered Species Act* for this location.

Once this is received by the proponent, Renfrew Power Generation agrees to enter into a process leading to a formal recovery strategy agreement for this lower dam (Dam #2) structure within the 3 year timeframe that is set out in the *ESA* for existing infrastructure. It is our understanding, at this point, unless it can be demonstrated that formal notification had been previous provided, this deadline may be set as early as 2012.

**Joanna – please ensure the attached minutes are forwarded to the following MNR staff that were present in person or by teleconference; Paul Moreau, Pat Soulliere and Lauren Trute, as I do not have their email address.**

Best regards,  
Tami

**MINUTES OF MNR/DFO AGENCY MEETING**  
**Renfrew Power Generation**  
**Clear Point Development and Existing Renfrew GS**  
**Redevelopment Project**

**Date: Friday, July 10, 2009**

**Meeting Location:** Renfrew Power Generation Facility – Bridge Street Renfrew, Ontario

**Prepared By:** Tami Sugarman

<b>Attendees:</b>	<p><b>MNR Pembroke District:</b></p> <ul style="list-style-type: none"> <li>• Al Hyde, Area Supervisor (AH)</li> <li>• Kirby Punt, Area Biologist (KP)</li> <li>• Joanna Samson, Water Resource Coordinator (JS)</li> <li>• Pat Soulliere, Senior Lands and Waters Tech (PS)</li> <li>• Amy Cameron, Planning Ecologist (AC)</li> </ul> <p><b>DFO:</b></p> <ul style="list-style-type: none"> <li>• Georgina Williston, Fish Habitat Biologist (GW)</li> <li>• Caroline Stickle (CS)</li> <li>• Sing-Yee Low, Intern Biologist (SYL)</li> </ul> <p><b>Renfrew Power Generation (Proponent):</b></p> <ul style="list-style-type: none"> <li>• Peter Boldt (PB)</li> </ul> <p><b>OEL-HydroSys Inc. (Engineering and Approvals Consultants):</b></p> <ul style="list-style-type: none"> <li>• Tami Sugarman, Approvals Coordinator (TS)</li> </ul> <p><b>Bowfin Environmental (Biological Consultants):</b></p> <ul style="list-style-type: none"> <li>• Michellé Lavictoire, Biologist (ML)</li> </ul>
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<b>Attachments</b>	MNR Comments sent by email on June 26, 2009 from Joanna Samson on the Clear Point Development and Renfrew GS Redevelopment early June Project Description and Existing Conditions Summary Report
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The following Meeting Minutes were recorded by Tami Sugarman of OEL-HydroSys. The notes reflect the understanding of discussions held at the meeting and should any of those present have different interpretations or recollections, they should advise of necessary revisions. The revisions will be documented and redistributed. If no comments are received prior to **Noon on Friday, July 24, 2009**, these minutes will be adopted and considered as being accurate.

<b>Item</b>	<b>Item Description</b>	<b>Action by</b>
<b>1.0</b>	<p>Introductions were made.</p> <p>The purpose of the meeting was to provide a site tour for DFO and MNR and discuss how their legislative policies and procedures (Acts and related regulations) will apply to the site specifically in regards to species of concern, species of Conservation Concern (S1-S3 ranked species) and</p>	

	<p>Significant Wildlife Habitat with a prime objective to discuss with MNR and DFO possible American Eel passage mitigation measures for the site.</p> <p>No official agenda was presented for the meeting.</p> <p>Peter Boldt provided an overview of the Project Description (i.e. existing site layout and the proposed works) that had been circulated to all present using an air photo presentation poster of the project site. Clarification was given that there are two phases of development for this project;  Phase 1 – Development of the new Clear Point GS  Phase 2 – Redevelopment of the existing GS1 and GS2.</p>	
2.0	<p>The following key items were discussed;</p> <ul style="list-style-type: none"> <li>• Key time for American Eel migration was June, July and August therefore any mitigation measures would be required to be in place for this seasonal time period.</li> <li>• The goal is to provide American Eel passage around both structures (Dam #1 – upper dam and Dam #2 - lower dam) at the site.</li> <li>• MNR will provide information accessible to the public about an American Eel passage design being developed at their Guelph District Office.</li> </ul>	JS
3.0	<p>Mitigation measures:</p> <ul style="list-style-type: none"> <li>• on-site it was determined that a suitable and practical solution could be a channelled passage located between the foot and top of each dam. A cement culvert/canal imbedded with local bedrock stones found in the riverbed was the agreed design.</li> <li>• Enough flow must be directed down the channel to wet the surface. Flow cannot be too high as eels must be able to move upstream in the channel.</li> <li>• The west side of the river (looking U/S – the right bank) is the MNR preferred location for each channel as this directs eels away from the intake structures associated with each dam.</li> <li>• RPG agrees that for Dam #2 (lower dam) the west side of the river can be used. A cement box styled culvert will be used under the dam access road on this side of the river.</li> <li>• For Dam #1 (upper dam) RPG would prefer the east side of the river (looking U/S the left bank) for construction logistical and engineering reasons.</li> <li>• MNR commented that if this was chosen the channel structure would have to be extended upstream above the dam to a suitable distance that would ensure that the eels did not get drawn towards the intake canal.</li> </ul>	
4.0	<p>Impact Assessment Reporting</p> <ul style="list-style-type: none"> <li>• It was decided that the DFO/MNR fisheries information would be presented in the biological impact assessment report as cross-sectional representations of the river at certain locations and during certain key months of the year before and after the project construction. Actual pictures and if available, videos will augment the cross-sectional representations to demonstrate existing and resulting flows and water levels in the river.</li> <li>• DFO is to provide guidance on what months of the year and what</li> </ul>	GW

	<p>cross-sectional lines of the river are suitable.</p> <ul style="list-style-type: none"><li>• Any shoreland and riparian area construction activities must be described in detail with sediment and erosion control measures to prevent sediment from entering the waterway.</li></ul>	
<b>8.0</b>	Meeting was adjourned at 1:30 PM	

Record issued August 13, 2009



## Muriel Kim

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**From:** Tami Sugarman  
**Sent:** July 16, 2009 12:40 PM  
**To:** Paige.Campbell@ontario.ca; mary.beach@ontario.ca; environment@HydroOne.com; 'Martin.Rukavina@ontario.ca'; 'david.malkin@omafra.gov.on.ca'  
**Subject:** Project Description Class EA for Waterpower Projects - Renfrew, Ontario  
**Attachments:** OE7350 CEAA Project Description for Clear Point GS FINAL May 2009.PDF  
**Importance:** High

Good Afternoon All

I thought this Project Description may be of assistance in understanding the project. In hindsight it should have been release along with the formal Notice of Commencement. I apologize for this oversight. Please pass this along to other associates in your organization that may have an interest in this project.

Best regards,  
Tami Sugarman

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**From:** Karen Fortin  
**Sent:** July 15, 2009 8:47 AM  
**To:** [Vicki.Mitchell@ontario.ca](mailto:Vicki.Mitchell@ontario.ca); [joanna.samson@mnr.gov.on.ca](mailto:joanna.samson@mnr.gov.on.ca); [ken.mcwatters@ontario.ca](mailto:ken.mcwatters@ontario.ca); [kirby.punt@ontario.ca](mailto:kirby.punt@ontario.ca); [david.malkin@omafra.gov.on.ca](mailto:david.malkin@omafra.gov.on.ca); [Paige.Campbell@ontario.ca](mailto:Paige.Campbell@ontario.ca); [mary.beach@ontario.ca](mailto:mary.beach@ontario.ca); [Surinder.Singh.Gill@ontario.ca](mailto:Surinder.Singh.Gill@ontario.ca); [Alan.Kary@ontario.ca](mailto:Alan.Kary@ontario.ca); [pam.wheaton@ontario.ca](mailto:pam.wheaton@ontario.ca); [environment@HydroOne.com](mailto:environment@HydroOne.com); [info@oeb.gov.on.ca](mailto:info@oeb.gov.on.ca); [jhunton@jp2g.com](mailto:jhunton@jp2g.com); [info@countyofrenfrew.on.ca](mailto:info@countyofrenfrew.on.ca); [jim.beal@ontario.ca](mailto:jim.beal@ontario.ca); [linda.boeheim@ceaa-acee.gc.ca](mailto:linda.boeheim@ceaa-acee.gc.ca); [haya.finan@tc.gc.ca](mailto:haya.finan@tc.gc.ca); [markust@tc.gc.ca](mailto:markust@tc.gc.ca); [Georgina.Williston@dfo-mpo.gc.ca](mailto:Georgina.Williston@dfo-mpo.gc.ca); [pnorris@owa.ca](mailto:pnorris@owa.ca)  
**Cc:** Peter Boldt; Tami Sugarman  
**Subject:** Notice of Commencement under Class EA for Waterpower Projects - Renfrew, Ontario

On behalf of Renfrew Power Generation Inc, we are pleased to submit the attached Notice of Commencement for a proposed 6.1MW hydroelectric project in the town of Renfrew, Ontario.  
If approved, the redevelopment of the existing generating stations and the new Clear Point Generating Station would produce 22,300 MWh of renewable energy annually.  
This project is subject to the Ontario Waterpower Association "Class EA Environmental Assessment for Waterpower Projects" (October, 2008).  
A copy of this Notice of Commencement will appear in the Renfrew Weekender edition to be published on July 16, 2009.

If you require a hard copy of the NOC or more information on the undertaking, please contact Tami Sugarman at [tsugarman@oel-hydrosys.ca](mailto:tsugarman@oel-hydrosys.ca).

Regards

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**Karen Fortin - OEL-HydroSys Carp - (613) 839-1453 ext. 261**

**Proposed Clear Point Generating Station- Renfrew  
Start-Up Meeting Conference Call  
Draft Minutes**

**Date:** Tuesday August 11<sup>th</sup> 2009  
**Time:** 10:00am-10:30am

**Participants:**

Linda Boeheim	CEAA
Peter Boldt	Renfrew Power Generation Inc. (RPG)
Meghan Brien	Canadian Environmental Assessment Agency (CEAA)
Jeremy Craigs	Transport Canada (TC)
Madeleine Denis	Natural Resources Canada (NRCan)
Melanie Lalani	Health Canada (HC)
Tami Sugarman	OEL Hydro-Sys Inc. (OEL)

**Regrets:**

Georgina Williston	Department of Fisheries and Oceans (DFO)
Mike Shaw	Environment Canada (EC)

**1. Introductions**

CEAA introduced and welcomed the federal authorities and proponents to the start up meeting.

**2. Federal Coordination Request: Summary of Results**

All potentially interested federal authorities contacted by the Agency with an FCR have responded. DFO has indicated that they are a potential RA; likely trigger is *Fisheries Act* Section 35(1). TC is waiting for an application under the *Navigable Waters Protection Act* Section 5 (1) to determine approval requirements and if there is a trigger. It was agreed by Jeremy Craigs that TC would remain as a potential RA until the results of the review application are known and a decision on regulatory requirements are made.

HC, NRCan, and EC have identified themselves as federal authorities in possession of specialist information.

INAC has indicated that they have no interest in the proposed project.

**3. Update on Project and EA Timelines**

Proponent is following the Ontario Waterpower Association (OWA) Class environmental assessment (EA) process. They have had one Public Information

Session with the local community to introduce the proposed project and a private meeting with individual riparian landowners.

The proponent has been in contact with the local First Nation, the Algonquians of Ontario. Due to an ongoing land claim process, the proponent is awaiting indication that the First Nation is willing to meet, likely in October at the earliest.

Aquatic studies for reach 2 and Phase 1 and an Archaeological study (Stage 1 Assessment) have been completed. Biological (terrestrial) studies are also underway. The proponent has held meetings with DFO and MNR regarding the American Eel and Butternut tree. The proponent is currently addressing these issues. Next steps are the completion of an engineering feasibility study, geotechnical study and detailed design.

A preliminary draft of the provincial Class EA report with DFO's input is scheduled for September. The aim is to have a draft Environmental Report ready for review in early October followed by a Notice of Completion of the provincial EA process by the end of October. Federal authorities will have an opportunity to comment on the draft reports.

#### **4. Federal Work Plan Update**

Draft Work plan being created and will be circulated to federal team for comments.

**Action Item Table**  
*Tuesday, August 11<sup>th</sup> 2009*

<b>Action Item</b>	<b>Description</b>	<b>Tasked To/Status</b>
<b>Aug11-1</b>	Consultants to send up to date construction drawings along to Tim at Navigable Waters	OEL
<b>Aug11-2</b>	Transport Canada to send FCR to Agency for file purposes	TC
<b>Aug11-3</b>	Debrief EC on meeting and project status upon Mike's return	CEAA On going
<b>Aug11-4</b>	Clarify DFO's status and needs; debrief Georgina on Start-up meeting and project status	CEAA On going
<b>Aug11-5</b>	Send MOE and MNR contact information to Linda and Meghan	OEL <b>Completed 11-07-09</b>

## Muriel Kim

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**From:** Tami Sugarman  
**Sent:** September 4, 2009 10:15 AM  
**To:** 'Vicki.Mitchell@ontario.ca'; 'victor.castro@ontario.ca'; 'joanna.samson@mnr.gov.on.ca'; 'cindy.blancher-smith@ontario.ca'; 'Alejandro.Cifuentes@ontario.ca'; 'Katherine.Kirzati@ontario.ca'; 'Paige.Campbell@ontario.ca'; 'martin.rukavina@ontario.ca'; 'Alan.Kary@ontario.ca'; 'pam.wheaton@ontario.ca'; 'john.macdonald@ontario.ca'; 'alain.nadeau@ontario.ca'; 'jhutton@countyofrenfrew.on.ca'; 'masselin@town.renfrew.on.ca'; 'environment@HydroOne.com'; 'lina.buccilli@OEB.gov.on.ca'  
**Cc:** 'Meghan.Brien@ceaa-acee.gc.ca'; pkboldt@renfrewpg.ca; Kearon Bennett  
**Subject:** Renfrew Power Generation Inc. - Redevelopment of Existing Hydroelectric Generating Stations and New Clear Point Generating Station Waterpower Project, Bonnechere River, Renfrew, Ontario - OWA Class EA Teleconference Call  
**Attachments:** OE7350 CEAA Project Description for Clear Point GS FINAL May 2009.PDF  
**Importance:** High

Good Morning Everyone:

On behalf of the proponent, OEL-HydroSys Inc. will be hosting a project EA coordination meeting via teleconference call on **Wednesday, September 23, 2009 at 10 AM**. Please ensure this invitation is forwarded to all interested colleagues, as required.

The purpose of the teleconference meeting is to provide a status report of the project, identify each agencies roles and responsibilities and potential permitting and approval requirements; discuss known project-specific environmental values/issues and reporting requirements that are to be addressed and documented within the ESR for each review body; and finally, to review updated timelines for the project.

The current situation in the province in relation to waterpower developments and the unsettled regulatory approvals process brought on by the *GEGEA* has made for an interesting planning process for this project. The journey has taken a non-linear route over this past summer yet I am confident that, our team has succeeded in covering off all issues that typically arise in a waterpower development project and that most of the regulatory (EA and other subsequent approvals) requirements will be addressed to the satisfaction of all participating agencies. A Project Description document was developed for the undertaking in May 2009 and was circulated at that time to the CEA Agency, DFO, TC, MOE Regional EA Coordinator, EAAB, MNR, Algonquins of Ontario Negotiation Representatives (via Jp2g Consultants Inc.), Algonquins of Pikwakanagan First Nation, OWA and also to the Bonnechere River Water Management Plan SAC members (June 2009). Later on in the planning it was also distributed to any provincial/municipal agencies or interested parties that responded to the Notice of Commencement and/or advertisements issued in July 2009 and requested additional information. I have attached the Project Description to this invitation as background material for the teleconference for any party that has not yet reviewed it.

FYI, a federal EA coordination meeting was held on August 11, 2009 with federal agencies. Participating agencies' consultation (provincial and federal has been on-going throughout the spring and summer.

If you are able to attend please **contact me at** [tsugarman@oel-hydrosys.ca](mailto:tsugarman@oel-hydrosys.ca) **to confirm such and receive the dial-in instructions**. Alternatively if you are unable to attend, yet wish to discuss your agency's particular interest and requirements for the ESR, please notify me.

***Furthermore: If your agency/group has no interest in participating further in the planning of this project and will not be participating in the Class EA formal review process (i.e. review of the ESR), please contact me directly by email or in writing and you will be removed from the project contact/distribution list.***

Respectfully,  
Tami Sugarman



## MINUTES OF PROVINCIAL EA COORDINATION MEETING Renfrew Power Generation Clear Point Development and Existing Renfrew GS Redevelopment Project

**Date: Wednesday, September 23, 2009 @ 10:00AM**

**Meeting Location:** Teleconference Call

**Prepared By:** Karen Fortin

**Attendees:**

**MNR Pembroke District:**

- Al Hyde, Area Supervisor (AH)
- Joanna Samson, Water Resource Coordinator (JS)
- Pat Soulliere, Senior Lands and Waters Tech (PS)
- Lauren Trute, SAR Biologist (LT)

**Ministry of the Environment**

- Vicky Mitchell, Environmental Assessment Coordinator (VM)

**Ministry of Culture**

- Katherine Kirzati, Heritage Planner (KK)
- Alejandro Cifuentes, Heritage Planner (AC)

**Renfrew Power Generation (Proponent):**

- Peter Boldt (PB)

**OEL-HydroSys Inc. (Engineering and Approvals Consultants):**

- Tami Sugarman, Approvals Coordinator (TS)
- Karen Fortin, Environmental Approvals Support

**Attachments**

Identified Issues and Resolutions table; Agenda

The following Meeting Minutes were recorded by Karen Fortin of OEL-HydroSys. The notes reflect the understanding of discussions held at the meeting and should any of those present have different interpretations or recollections, they should advise of necessary revisions. The revisions will be documented and redistributed. If no comments are received prior to **Noon on November 6 2009**, these minutes will be adopted and considered as being accurate.

Item	Item Description	Action by
1.0	<p>Introductions were made.</p> <p>The purpose of the meeting was to develop a defined scope for the OWA Class EA in regards to provincial agency requirements.</p> <p>Clarification was given that there are two phases of development for this project; Phase 1 – Development of the new Clear Point GS</p>	

	<p>Phase 2 – RE-development of the existing GS1 and GS2.</p> <p>It was noted by OEL (TS) that completion of the Phase 2 of the project could be a lengthy process.  Overview of Class EA process to date, recap of key milestones:  Early notification April 2009  CEAA Project Description May 2009  Two public information sessions June 2009, including a separate session for riparian landowners  Formal NOC July 16<sup>th</sup> issued to both provincial and federal agencies.  Two meetings with MNR; site visit with MNR and DFO (July 2009)  Site visit with Transport Canada September 2009</p> <p>On the federal side: DFO identified as an RA; Transport Canada has yet to confirm their role. Environment Canada, Health Canada and Natural Resources Canada will act in specialist capacities for the project.</p> <p>Brief explanation that proponent has been investigating a separate undertaking 12km downstream of Clear Point and that extensive biological assessment work was completed for that site. Some of the data collected downstream was incorporated into the Clear Point project.</p> <p>Construction initially proposed for fall of this year but timeline has now shifted to coincide with in water timing restrictions in summer 2010.</p>	
<p>2.0</p>	<p>Ministry of Natural Resources:</p> <p>Several issues identified in previous meetings with the Ministry. The <i>Endangered Species Act</i> is triggered owing to the presence of Butternut trees in the project. MNR (LT) requested that Issues and Resolutions table needs to be amended to reflect results of additional site investigation, specifically the comment about non retainable trees. Ministry will issue a formal letter of advice for Butternuts, defining the buffer zone to be maintained for the trees. MNR (JS) requested a timeline for construction process in order to initiate planning for permitting process. RPG (PB) requested that since the presence of Butternut has been confirmed at the site, could the permitting and planting process for the Butternuts be initiated before start of construction, adding that trees could be planted this fall before the non retainable trees are removed. It was agreed that with this commitment the permitting process could proceed.</p> <p>Earlier discussions with MNR and DFO have taken place. OEL (TS) stated that the EA will address American Eel passage at the site as discussed at the July 10<sup>th</sup> 2009 site visit. RPG (PB) added that the American Eel passage for Dam 1 will be constructed on the upstream right bank (facing upstream) on the opposite side of the intake. It was noted that the Ministry has yet to issue a formal letter of advice with regards to American Eel. MNR (JS) replied that she has been working on getting a better 'feel' from other levels within the Ministry for the play out of the <i>Endangered Species Act</i> and that this had resulted in a delay in the letter of advice. She added that it is the Ministry's position that there are eel at the dam site and the</p>	<p>OEL (TS)  MNR (JS and LT)</p> <p>MNR (JS)</p>



	<p>project should proceed accordingly.</p> <p>OEL (TS) asked whether the Ministry had any news of the anticipated meeting between the Algonquins of Ontario and the provincial agencies. MNR (JS) confirmed the meeting took place on September 21 but had no information as to what was discussed. JS was going to consult Ken McWatters, MNR liaison officer, and provide any available information to OEL. MNR advised OEL to wait until Ken McWatters was consulted before renewing contact with the Algonquins of Ontario through J2pg Consultants.</p> <p>OEL (TS) requested clarification as to whether Daryl Coulson (MNR district Ecologist) still needs to speak to the project biologist or whether the last meeting minutes addressed his concerns. MNR (JS) will check with Daryl Coulson; JS added that the Ministry is awaiting the next version of the habitat assessment report in order to provide formal comments.</p> <p>OEL (TS) – OEL and DFO need to define which river transects and months of the year should be presented in the hydrological cross-sections. Once this is established, Bowfin will complete the biological report and circulate a draft for agency review.</p> <p>MNR (PS) identified that depending on the final engineering for the project there may be a requirement for a disposition of Crown land to the proponent and therefore a requirement for a waterpower lease agreement (WPLA) for any Crown land below the high water mark. He added that the Ministry will make that determination once the final plans are completed. OEL (TS) expressed concern pointing out that the consulting team and the proponent were of the understanding that if no major work was required beyond the shoreline at the tailrace a disposition of Crown land would not be required since no structures were going to be located on the river bed, that only excavation for the tailrace area and possibly erosion control downstream would be required (i.e. acknowledgement that standard <i>LRIA</i> approvals would be required for in-water work). MNR (JS) responded that the Ministry has always taken the position that the <i>Public Lands Act</i> may be triggered at the site for major work in the riverbed. OEL (TS) responded that “major” was a subjective term and this information was not anticipated given past communications from MNR at previous meetings. MNR responded that by “major” it is understood that any civil works constructed below the high water mark would require a disposition of Crown lands. Therefore, if the civil works were designed above the high water level mark no Crown land disposition (Site Release process) would be necessary.</p>	<p>MNR (JS)</p> <p>MNR (JS)</p>

<p><b>3.0</b></p>	<p><b>Ministry of Culture</b></p> <p>A Stage 1 Archaeological Assessment was completed and submitted to the Archaeological Review Office in Thunder Bay; MoC (KK) said that the review is pending. MoC (KK) commented that the Stage 1 included a recommendation for a Stage 2 investigation; OEL (TS) clarified that the consulting team was waiting on the MoC determination and would comply with any requirements as determined by the reviewing officer.</p> <p>MoC (KK) inquired as to whether there is a potential for any of the structures in the project area to be designated as Heritage buildings in the future. OEL (TS) and RPG (PB) responded that there has never been any heritage interest expressed during the consultation process by members of the public. MoC (KK) requested photos of any structures older than forty years for examination; it was agreed that images of the site would be forwarded to MoC for consideration.</p> <p>MoC (KK) also noted that an effort to collect information about marine archaeological value at the site should be made by the proponent. She suggested that there may be some traditional knowledge from nearby aboriginal communities or members of the community, items of interest might be vessels sank in the waterway or old structures. OEL (TS) requested clarification as to how this should be documented. MoC (KK) responded that in the short term, an informal collection of information and summary to her office would suffice. Advice from her office would follow subsequent to the findings of the informal survey.</p>	<p>OEL (TS), RPG (PB)</p> <p>OEL (TS), RPG (PB)</p>
<p><b>4.0</b></p>	<p><b>Ministry of the Environment</b></p> <p>MOE (VM) mentioned the letter of advice issued by the MOE for the undertaking. It was confirmed that OEL had never received the letter of advice. OEL (TS) requested clarification as to whether this was the MOE's standard response letter or had more specific comments been included for the Clear Point site. VM responded that it was the standard letter and that she would forward an electronic copy to OEL (TS). **MOE letter arrived electronically on the afternoon of September 23.</p> <p>OEL (TS) requested clarification from MOE regarding noise assessment requirements for hydropower sites. MOE (VM) recommended speaking directly with the approvals group since noise was site specific. She suggested that the EA take noise assessment into consideration. OEL (TS) stated that the EA document will include a noise screening evaluation. It was acknowledged that this would be sufficient for the EA and that if any EPA approvals were required they could be applied for in the legislative permitting and approvals phase of the development.</p>	

<p><b>5.0</b></p>	<p>There was a general discussion about Green Energy and Green Economy Act; an announcement is pending, no one could provide any certainties with regards to what transitioning opportunities will be made available through the GEGEA.</p> <p>OEL (TS) mentioned that at this time, no additional public meetings were planned. She added that the riparian landowners had requested that they be kept up to date on the progress of the project, especially prior to the construction phase. RPG will be issuing newsletters to the riparian landowners and any others that have expressed an interest in the undertaking as the EA process continues.</p> <p>No further questions were tabled and all participants confirmed that all their interest and concerns had been addressed in the meeting and action items.</p>	
<p><b>6.0</b></p>	<p>Meeting was adjourned at 10:45 AM</p>	

Record issued October 28, 2009

## Muriel Kim

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**From:** Karen Fortin  
**Sent:** June 1, 2011 10:06 AM  
**To:** 'Vicki.Mitchell@ontario.ca'; 'brad.eckert@ontario.ca'; 'narren.santos@ontario.ca'; 'pnorris@owa.ca'; 'Samson, Joanna (MNR)'; Mcwatters, Ken (MNR); 'al.hyde@ontario.ca'; 'Katherine.Kirzati@ontario.ca'; 'MARKUST@tc.gc.ca'; 'Scott, Mark E'; 'Chan,Jim [CEAA]'; 'Henry.Haemel@ontario.ca'  
**Cc:** Tami Sugarman; 'Peter Boldt'  
**Subject:** Renfrew Power Generation Project Update, proposed relocation of GS details  
**Attachments:** OE6960-03 20110601 RPG Project Update agency let.pdf; OE7350 - G05 2011-05-18 rAx.pdf; OE7350 - G06 2011-05-18 rAx.pdf; OE7350 - G07 2011-05-18 rAx.pdf; OE7350 20090923 Provincial EA Meeting Minutes and Actions FINAL.pdf  
**Importance:** High

Good morning

On behalf of Renfrew Power Generation we are pleased to provide you with a project update detailing a new project alternative. Essentially, RPG is proposing to relocate what was conceptually proposed as the Clear Point facility 200 metres upstream and adjacent to (on the inland side) the existing Lower Plant GS. Details are provided in the attached agency letter. Conceptual engineering drawings are also attached.

If it is determined that an additional planning meeting is required to discuss this new alternative, the proponent respectfully requests that this meeting be held the afternoon of June 21<sup>st</sup>, see details in letter.

Also attached is a copy of the September 2009 EA coordination meeting minutes.

Regards,

Karen



Box 430, 3108 Carp Road, Carp, Ontario Canada K0A 1L0

Telephone: (613) 839-1453

Fax: (613) 839-5376

June 01, 2011

On behalf of Renfrew Power Generation Inc. (RPG), we are notifying you of recent developments to expand the hydroelectricity potential of RPG's facilities on the Bonnechere River in Renfrew, Ontario. A Notice of Commencement (under the Class EA for Waterpower Projects) for RPG's proposed redevelopment project and Clear Point Generating Station (GS) was submitted to you in July 2009. Subsequent to the results of a connection impact assessment for the proposed undertaking, it was determined that securing a contract under the FIT program could not be guaranteed. As such, RPG through consultation with the Ontario Power Authority determined that by relocating the proposed Clear Point generating station to a location adjacent to the existing Lower Plant, the project would qualify for contracting under the province's Hydroelectric Contract Initiative (HCI). The new GS will be treated as an "Expansion & Redevelopment" of the older plants under the HCI program.

Essentially, RPG is relocating what was conceptually proposed as the Clear Point facility 200 metres upstream and adjacent to (on the inland side) the existing Lower Plant GS. The new GS has been tentatively named the Thomas Low GS in honour of the original builder of the Lower Plant, and will have a generating capacity of up to 4.0 MW, as was the case with the Clear Point option. Once the Thomas Low GS project receives all required regulatory approvals, construction of the new GS would be completed while operations of the existing Upper and Lower plants are maintained to the greatest extent possible. Once commissioned, the new plant will become RPG's main generating station, and will be in continual operation except when river flow drops below the minimum required operating flow. The older plants may be operated intermittently, but likely only when river flows exceed the maximum throughput of the Thomas Low GS, or when the new GS is offline for extended periods for maintenance/repair. The rehabilitation of Dam #1 and its appurtenant intake canal and repairs to Dam #2 will proceed as detailed in the project description (May, 2009); the redevelopment of both the Upper and Lower Plants through refurbishment will not.

This new project design will result in a shortened penstock and the elimination of an access road from the Clear Point design plan. Significantly, by moving the new GS upstream adjacent to an existing GS, the aesthetic impact of the proposed undertaking will also be minimized. Revised conceptual engineering drawings are attached for your information.

The environmental assessment launched in mid 2009 is now moving forward towards examining the potential environmental effects of the Thomas Low GS based on existing field investigation data. The aquatic and terrestrial existing habitat characterization is complete, as is the Stage 1 -3 archaeology investigation. The proponent hopes to release its Draft Environmental Report for regulatory review in the late summer of this year.

A public meeting is planned for the evening of June 21, 2011 to update the community on RPG's new alternative to enhancing waterpower generation at its Renfrew facility. An EA coordination meeting was held in September 2009. If it is determined through regulator comments received subsequent to the issue of this project update that an additional meeting is required, the proponent respectfully requests that this meeting also be scheduled for June 21st at 13:30 at RPG's office in Renfrew, teleconferencing will be available.

If you require any additional information, please contact the undersigned.

Regards,

A handwritten signature in black ink, appearing to read 'Karen Fortin', with a long horizontal flourish extending to the right.

Karen Fortin, A.Sc.T.  
EA Coordinator

Encl.

*Ref:OE6960-03*

**MINUTES OF MNR/DFO AGENCY MEETING**  
**Renfrew Power Generation**  
**Thomas Low Development and Existing Renfrew GS**  
**Redevelopment Project**

**Date:** Tuesday, June 21, 2011

**Meeting Location:** Renfrew Power Generation, 32 Bridge Ave. West, Renfrew, Ontario

**Prepared By:** Karen Fortin, Muriel Kim

**Attendees:**

**MNR Pembroke District:**

- Kirby Punt, Area Biologist (KP)
- Joanna Samson, Water Resource Coordinator (JS)
- Pat Soulliere, Senior Lands and Waters Tech (PS)
- Henry Hamel (HH), Senior Project Engineer

**DFO:**

- Mark Scott, Fish Habitat Biologist (MS)

**Renfrew Power Generation (Proponent):**

- Peter Boldt (PB)

**OEL-HydroSys Inc. (Engineering and Approvals Consultants):**

- Tami Sugarman, Approvals Coordinator (TS)
- Karen Fortin (KF)
- Muriel Kim (MK)

**Bowfin Environmental (Biological Consultants):**

- Michelle Lavictoire, Biologist (ML)

Via teleconference, MOE Eastern Region

Vicki Mitchell, Environmental Assessment Coordinator (VM)

**Regrets:**

Tim Markus NWP Officer, Transport Canada

The following Meeting Minutes were recorded by Karen Fortin and Muriel Kim of OEL-HydroSys. The notes reflect the understanding of discussions held at the meeting. Based on comments received from the draft distribution, these minutes have been adopted and are considered accurate.

Item	Item Description	Action by
1.0	<u>Waterpower generating alternatives</u> The meeting began at 13:45 with introductions The purpose of the meeting was to:	

- Discuss the new project alternative and rationale;
- Briefly discuss infrastructure rehabilitation and revisions to what was initially proposed for existing plants;
- Discuss the format of the environmental report;
- Present the anticipated schedule for reporting and the project;
- Discuss completed field investigations; and
- Introduce the site to new MNR and DFO reviewers

RPG (PB) gave a brief history of the previously proposed alternatives to develop waterpower on the Bonnechere River and the events leading to the new alternative, the Thomas Low Generating Station (GS). It was explained that the Clear Point GS had failed to meet the requirements of the TAT (Transmission Availability Test). As such the undertaking is subject to an Economic Connection Test (ECT) for the area. RPG had been waiting for an ECT for over a year. As such, Renfrew Power Generation took its four initiatives (Clear Point, First Chute, rehab of existing plants and Thomas Low) to the Ontario Power Authority (OPA) for evaluation. It was determined that by relocating the Clear Point project upstream, in proximity to the Lower Plant, the realigned project would qualify for a Hydroelectric Contract Initiative (HCI) which is not dependent on an ECT.

RPG's two existing plants already operate under HCI contracts. It was decided by OPA that the existing HCI contracts would be taken from the Upper and Lower Plants and applied to the Thomas Low development. This will mean that when the Upper and Lower Plants are in operation, they will be generating electricity revenue at market price.

A comparison of the Clear Point and Thomas Low projects was presented. The shift upstream for Thomas Low represents a loss of approximately 3 feet of head however the maximum generating potential remains the same, approximately 4MW. The Thomas Low GS will be designed with two penstocks as opposed to the single penstock identified for Clear Point. Similarly, the Thomas Low GS will be comprised of two turbines, each discharging up to 10 m<sup>3</sup>/sec, in comparison to Clear Point's sole unit.

The operation of the existing plants once Thomas Low is commissioned was discussed. Thomas Low GS would be the main waterpower producer, with the existing plants to be used only during periods of exceptional flow or during shut down or maintenance for Thomas Low. PB explained that start up the Lower Plant in the winter months is too time consuming because the building is not heated. While RPG intends to continue maintaining both the Upper and Lower Plants, the Lower Plant would likely be offline during the winter period. It was noted that the Upper Plant may be kept running at 1 cms at all times to preserve water levels in the headpond above Dam #2.

OEL (KF) noted that the Thomas Low GS will be constructed on the footprint of an old garage, an already disturbed area (Clear Point GS would have been constructed in an area free of infrastructure).

A presentation from Bowfin detailing the field investigations carried out in



	<p>support of Clear Point and their applicability to the Thomas Low GS highlighted that the project area (from Dam #1 to downstream of Dam #2 extending to the Clear Point site) did in fact capture the Thomas Low location. ML stated that the filed data collected from Clear Point and First Chute was sufficient to assess the potential effects of the Thomas Low GS.</p> <p>In response to a question from MNR (JS) about whether flows in the project area would be altered by Thomas Low, Bowfin (ML) stated that there will be no effect because the new tailrace will be adjacent to the existing one.</p> <p>DFO (MS) inquired as to whether the Project Description will be updated to reflect the changes to the proposed development. OEL (TS) said that the environmental report is in fact the revised project description and that will be available within the next month. However, she will request guidance from the Canadian Environmental Assessment Agency on this matter. MS noted that if there will be no HADD (harmful alteration, disruption or destruction of fish habitat) as a result of the Thomas Low project a federal EA will not be required under the <i>Fisheries Act</i>.</p>	<p>OEL to verify with CEAA for PD requirements</p>
<p>2.0</p>	<p><u>Existing Infrastructure</u></p> <p>RPG (PB) detailed the repairs required for the existing infrastructure. These include concrete repairs to Dam #1 and its intake canal, new lower stoplogs, an automated gate and a new deck. Repairs were also discussed during the site visit which followed.</p> <p>The skirt at the base of Dam #2 will require rehabilitation to stop erosion issues and make the downstream side of the dam less treacherous to any members of the public which may become trapped in the waterway.</p> <p>It was noted that the proponent has already made application to the Navigable Waters Protection Office for improving public safety at the site, and that an NWP Officer had toured the site in September 2009 to discuss the placement of upstream safety booms.</p> <p>RPG explained that the previous proposal to refurbish the existing plants is no longer for consideration, since these will now only be operated intermittently. The proponent however confirms that ongoing maintenance of the existing plants will continue to ensure that remain operational.</p> <p>PB described the construction plans for the proposed development. The penstock and powerhouse work will be carried out on dry land owned by the proponent. Penstock construction is best done as one continuous works, as opposed to by sections. Once the penstock is in place, the Upper Plant intake canal will be dewatered, and flows will be directed through the Lower Plant. A new intake connecting the Thomas Low penstock to the repaired canal will then be built. This will be followed by the commissioning of the Thomas Low GS, and the eventual repairs to the skirt of Dam #2.</p>	

<p><b>3.0</b></p>	<p><b>Aboriginal consultation</b></p> <p>MNR (JS) reminded the proponent of the concerns of the Algonquins' regarding a disposition of Crown resources, the bed of the river. OEL (TS) noted that the proposed development will be entirely located on land owned by the proponent. MNR (JS) reiterated that if civil works remain above the high water mark, this should not trigger a disposition. It was noted that the Ministry is on record as confirming that site release was not initially required for the Clear Point project as the work was to be contained above the high water mark and on privately owned property. This should be the same for the new undertaking.</p> <p>OEL (KF) outlined the information that was recently provided to the AOO, including a notice of the project re-start and the the Stage 1-3 archaeological assessment report. She added that OEL had been advised by the AOO to continue providing the same information separately to the Algonquins of Pikwàkanagàn as is being provided to the AOO</p>	
<p><b>4.0</b></p>	<p><b>Public consultation:</b></p> <p>It was mentioned that two public meetings were held in 2009 and that the concerns voiced during those meetings centered primarily on construction activities, access to the site by construction equipment, and noise during construction.</p> <p>MOE (VM) inquired as to the Revised Notice of Commencement advertisement and public meeting date, noting that the ad gave the wrong day, but correct date for the meeting. RPG (PB) confirmed that the surrounding landowners (a list of 46) within 500m of the site were contacted directly by phone or were left a phone message correcting this error. RPG confirmed that a new ad with the corrected date was issued.</p> <p>OEL (TS) responded that they would send the corrected advertisement to MOE (VM).</p>	<p><b>OEL to forward revised ad to MOE once in receipt from RPG completed</b></p>
<p><b>5.0</b></p>	<p><b>Butternut (Endangered Species):</b></p> <p>It was confirmed that the proponent is in possession of a permit under the <i>Endangered Species Act</i> for the removal of butternut trees located within the area of construction. RPG is required to plant a predetermined number of Butternuts and monitor their progress for a period of 5 years, to compensate for the losses.</p>	
<p><b>6.0</b></p>	<p><b>American eel ( <i>Endangered Species</i>):</b></p> <p>OEL (TS) briefly discussed earlier meetings on site with MNR and DFO</p>	

	<p>biologists to address eel passage at RPG's existing dams, noting that the preferred an area had been identified at each site in consultation with the two agencies for the location of passage for the species. MNR (KP) suggested that eel passage be identified as 'possible location of' on conceptual engineering drawings.</p> <p>RPG and MNR confirmed their agreement to study the species at the site, and eventually incorporate downstream migration measures. OEL (TS) noted that there will be no specifics about possible design measures in the ER since the measures have yet to be determined. MNR (KP) suggested the project team examine measures used in Rimouski, Quebec which involve the use of angled screens. Also added were comments that this process may save much time and money if conducted when penstock is dry when boring for the new piping to Thomas Low facility. The old penstock has many good opportunities that can be explored and easily retrofitted for downstream passage.</p>	
<p><b>7.0</b></p>	<p>Environmental Report (ER)</p> <p>The format of the ER was briefly discussed; the document will present the alternatives for waterpower at the Renfrew site and the rationale for the selection of Thomas Low</p> <p>MOE (VM) asked when the ER document will be released, and noted that the Ministry will require that the report address the effects of the Thomas Low GS to the municipal wastewater treatment plant located downstream and the effluent loading on the river environment. OEL (TS) indicated that the Draft ER will be released as soon as possible, and effluents will be included in the section describing potential project impacts. She also noted that there is no change in the total natural flow of the river at the municipal WTP location as the regime downstream of the tailrace channel will remain unchanged as a result of the run-of river operating regime of the project. It is anticipated that the final ER will be released in early September.</p> <p>OEL (KF) stated that a Certificate of Approval for noise is anticipated owing to a point of noise receptor within 1000m of the transformer required for Thomas Low, and that a noise screening will included in the ER. It was mentioned that RPG has been working with an acoustic engineering firm towards noise assessments for its existing facilities.</p>	
<p><b>8.0</b></p>	<p>The teleconference ended at 14:45, and the meeting proceeded to a site visit. The meeting was adjourned at 15:30.</p>	

Final minutes issued 20110711