

ORTECH Power

**Consultation Report
to the Ministry of the Environment**

*Exhibit I
Project No. 70287*

Exhibit I: Agency Consultation: MNR
(118 pages)

Date	Milestone	Contact	Purpose
November 17, 2009	Notice of Engagement	Andrea Fleischhauer	notify mnr of project
December 4, 2009		Heather Riddell	Phone log - questions about project
December 4, 2009		Heather Riddell	email to get contact information
December 11, 2009	Project Description	Heather Riddell	Posting of project description, notification of the open house
December 15, 2009		Heather Riddell	Open House invitation, meeting request
December 16, 2009	Project Description	Heather Riddell	Project Description Mail out
December 16, 2009		Heather Riddell	Meeting agenda
December 17, 2009		Heather Riddell	Meeting agenda follow up
December 18, 2009	MNR Scoping Meeting	Heather Riddell	MNR Meeting
January 13, 2010		Heather Riddell	Meeting Minutes
July 20, 2011		Jim Beal	Letter requesting meeting
September 30, 2011	updated project description, updated map, updated NHA information	Jim Beal	Response to meeting request
October 12, 2011		Jim Beal	schedule meeting date
October 17, 2011		Amy Cameron	Proposed agenda for meeting
October 20, 2011		Amy Cameron	updated PDR
October 20, 2011		Amy Cameron	Records Review Results
October 21, 2011	MNR Scoping Meeting	Amy Cameron	No Minutes on file
November 15, 2011		Amy Cameron	COD request
November 23, 2011		Amy Cameron	COD request
December 5, 2011		Amy Cameron	D.M. information request
January 3, 2011		Amy Cameron	Draft Record Review Comments
January 3, 2011	records review complete	Amy Cameron	Draft Record Review Comments
February 7, 2011		Amy Cameron	Site Investigation Report Review
February 23, 2011		Amy Cameron	Follow up regarding site investigation report
February 24, 2011		Amy Cameron	re: follow up to site investigation report
February 28, 2011		Amy Cameron	comments to site investigation report
March 21, 2012		Amy Cameron	Revised site investigation report
April 1, 2012		Amy Cameron	comments to site investigation report
April 9, 2012		Amy Cameron	Revised site investigation report
April 9, 2012		Amy Cameron	Comments to revised site investigation report
April 13, 2012	site investigation report complete	Amy Cameron	resolved comments to site investigation report

April 24, 2012		Amy Cameron	Draft EOS provided for review
April 25, 2012	EOS complete	Amy Cameron	Comments to draft EOS
May 31, 2012		Amy Cameron	EIS provided for review
June 1, 2012		Amy Cameron	Response to EIS
July 4, 2012		Amy Cameron	Revised EIS package
July 5, 2012	EIS Complete	Amy Cameron	EIS with diagrams
July 9, 2012	Confirmation letter	Amy Cameron	MNR confirmation letter
July 10, 2012		Amy Cameron	EIS Complete, confirmation letter
July 11, 2012		Amy Cameron	Complete NHA package
July 11, 2012		Amy Cameron	follow up to completed package
August 2, 2012	Notice of Open House	Amy Cameron	Notice of Open House & Draft REA review
August 2, 2012	Notice of Open House	Heather Riddell	Notice of Open House & Draft REA review
September 17, 2012	SAR & Petroelumn Resources	Heather Riddell	Petroelum Resources Notification and Species at Risk Application
November 19, 2012	Revision to Project Design	Amy Cameron	Revision to Project Design
November 20, 2012		Amy Cameron	Resend original email due to delay
November 20, 2012		Amy Cameron	Responds saying no concern, confirmation pending
November 20, 2012	Reconfirmation	Amy Cameron	Reconfirmation received
November 21, 2012		Amy Cameron	confirmation of reciept



ORTECH
Environmental
a division of ORTECH Consulting Inc.

November 17, 2009

Ministry of Natural Resources
Aylmer District Office
615 John Street North
Aylmer, ON
N5H 2S8

Attn: Andrea Fleischhauer
Planning Ecologist

Subject: Notice of Proposal and Public Meeting for Silvercreek Solar Park project

Dear Andrea Fleischhauer,

Silvercreek Solar Park Inc. is proposing a 10 MW ground mounted solar facility in the Township of Malahide, Elgin County, 9 km south from the Town of Aylmer. Enclosed is the Notice of Proposal and Public Meeting for this project as required by section 15 of the Ontario Regulation 359/09 under the Environmental Protection Act. The first of two public postings will appear in the local newspaper [the Aylmer express] on November 18, 2009.

If you have any questions, please contact Leah Deveau at (905)-822-4120 ext. 305 or 1-877-774-6560.

Regards,

Nadiya Bogush
ORTECH Environmental
804 Southdown Road
Mississauga, ON, L5J 2Y4
Tel: (905) 822-4120, ext. 223
1-877-774-6560, ext. 223
Fax: (905) 855-0406
nbogush@ortech.ca

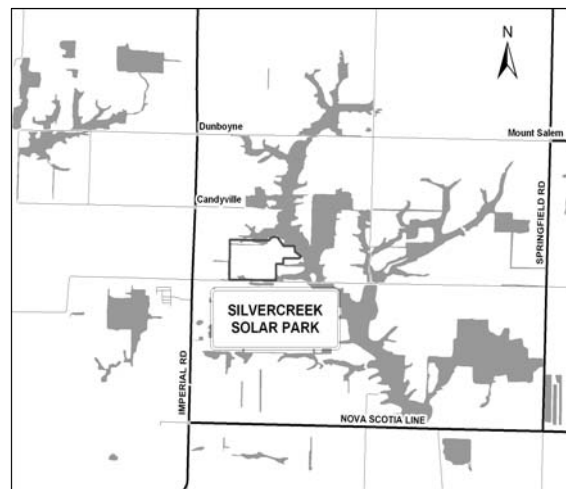
NOTICE OF A PROPOSAL & NOTICE OF PUBLIC MEETING

By Silvercreek Solar Park Inc. to Engage in a Renewable Energy Project

Dated at Malahide Township, this 18th of November, 2009

Silvercreek Solar Park Inc. is proposing the development of a new 10MW ground mounted solar photovoltaic facility on privately held lands in the Township of Malahide, Elgin County, 9 km south of the town of Aylmer. The project utilizes polycrystalline solar photovoltaic panels mounted on single-axis trackers to maximize energy production. A new 4.5 km distribution line will be built along existing municipal road easements to the point of connection with the Dunboyne Distribution Station. ORTECH Environmental has been retained to assist in the Renewable Energy Approvals process.

The project is subject to the provisions of the Environmental Protection Act Part V.0.1 and Ontario Regulation 359/09 and requires a Renewable Energy Approval as a Class 3 Solar Facility. A Draft Project Description Report titled "Project Description Silvercreek Solar Park" describing the facility will be posted on the proponent's website (www.silvercreeksolar.com) on December 11, 2009. A written copy of the report will be available at the public meeting for review. This notice must be distributed in accordance with section 15 of the Regulation prior to an application being submitted and assessed by the Ministry of the Environment. Public consultation is an integral component of this process.



The first **Open House** is scheduled for:

Date: Friday, **December 18, 2009**

Time: **4pm to 8pm**

Place: German Canadian Club
522 Talbot St.W.
Aylmer, ON
(519)-773-5271

For further information on this project, public meetings or to communicate concerns, please contact:

Leah Deveau
ORTECH Environmental
804 Southdown Road
Mississauga, ON; L5J 2Y4
Phone: (905)822-4120 ext. 305; 1-877-774-6560
Email: info@silvercreeksolar.com
www.silvercreeksolar.com

Information will be collected and used in accordance with the Freedom of Information and Protection of Privacy Act, and solely for the purpose of assisting Silvercreek Solar Park Inc. in meeting Renewable Energy Approvals requirements. This material will be maintained on file for use during the study and may be included in project documentation. With the exception of personal information, all comments will become part of the public record.



Contact Documentation

Project: **Silvercreek Solar Park**

Contact	Heather Riddell	Date:	December 4, 2009
Organization	MNR		
Address	615 John Street N., Aylmer, ON N5H 2R3	Copies To	
Phone	519-773-4723		
Contacted By	Nadiya Bogush	in person	
		by phone X	
Purpose of contact	Contact MNR whether they require information about the project and have any concerns		
Summary of Discussion	MNR has been asked whether they have any questions or concerns about the project at this point. Heather explained that MNR does not have any details about location of solar panels and other project components and they cannot tell whether they have any concerns. MNR was notified that additional information about the project will be provided shortly.		
Follow-up Required			
Action Taken By		Date:	

Leah Deveau

From: Nadiya Bogush
Sent: Friday, December 04, 2009 2:57 PM
To: 'Riddell, Heather (MNR)'
Subject: RE: Contact Information

Thanks a lot Heather, I really appreciate it. We should be able to provide you additional information about the project shortly.

Regards,

Nadiya Bogush, B.Sc., M.E.S.

ORTECH Environmental
804 Southdown Road
Mississauga, ON, L5J 2Y4
Tel: (905) 822-4120, ext. 223
1-877-774-6560, ext. 223
Fax: (905) 855-0406
nbogush@ortech.ca

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From: Riddell, Heather (MNR) [<mailto:Heather.Riddell@ontario.ca>]
Sent: Friday, December 04, 2009 2:54 PM
To: Nadiya Bogush
Subject: Contact Information

Hi Nadiya,

As discussed, below is my contact information. If you have any further questions as the project progresses, please don't hesitate to contact me.

Regards,

Heather

Heather Riddell
Renewable Energy Intern
Ministry of Natural Resources
Aylmer District
615 John Street N.
Aylmer, ON N5H 2R3
Tel: 519-773-4723
Fax: 519-773-9014

Leah Deveau

From: Nadiya Bogush
Sent: Friday, December 11, 2009 1:49 PM
To: 'Riddell, Heather (MNR)'
Subject: Silver Creek Solar Park Project Description and Open House

Hello Heather,

Following up on our conversation regarding the Silver Creek Solar Park Project, we have prepared and posted the Project Description on our project website (<http://silvercreeksolar.com/>). It was very kind of you to mention that you could provide some comments on whether you have some concerns about the project at this point. Please let me know whether you prefer to have a hard copy or electronic copy of the Project Description and I will send it to you.

We will have the first Open House on December 18, 2009 from 4 PM to 8 PM at the German Canadian Club located at 522 Talbot St.W., Aylmer. Please let me know if you are interested in having a pdf copy from the event and I can send it to you after the Open House.

Regards,

Nadiya Bogush, B.Sc., M.E.S.

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804 Southdown Road
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Regards,

Heather

Heather Riddell

Renewable Energy Intern
Ministry of Natural Resources
Aylmer District
615 John Street N.
Aylmer, ON N5H 2R3
Tel: 519-773-4723
Fax: 519-773-9014

Leah Deveaux

From: Nadiya Bogush
Sent: Tuesday, December 15, 2009 2:48 PM
To: 'Riddell, Heather (MNR)'
Subject: Silvercreek Solar Project Open House and meeting December 18/2009
Attachments: Notice of Proposal Silvercreek Solar Project 18112009.pdf

Hi Heather,

Following up on our conversation, attached is information for the Silvercreek Solar Project Open House, which will be held this Friday, December 18, 2009 from 4 PM to 8 PM at the German Canadian Club located at 522 Talbot St. W. in the Town of Aylmer. We would like to invite MNR representatives for this event.

We would also like to schedule a meeting with you and your colleagues on December 18 before this open house (1:30 PM or so), as we will have the "full" project team in Aylmer. We would also like to invite the CCCA to this meeting. Please advise regarding your availability for this meeting and let me know what time and location would be convenient for you.

Regards,

Nadiya Bogush, B.Sc., M.E.S.

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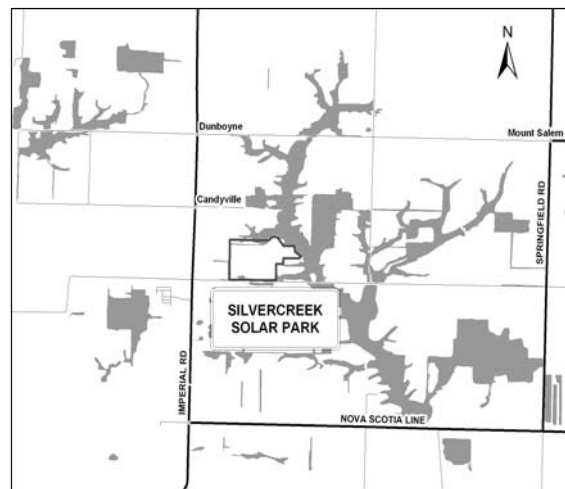
NOTICE OF A PROPOSAL & NOTICE OF PUBLIC MEETING

By Silvercreek Solar Park Inc. to Engage in a Renewable Energy Project

Dated at Malahide Township, this 18th of November, 2009

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Aylmer, ON
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For further information on this project, public meetings or to communicate concerns, please contact:

Leah Deveau
ORTECH Environmental
804 Southdown Road
Mississauga, ON; L5J 2Y4
Phone: (905)822-4120 ext. 305; 1-877-774-6560
Email: info@silvercreeksolar.com
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Information will be collected and used in accordance with the Freedom of Information and Protection of Privacy Act, and solely for the purpose of assisting Silvercreek Solar Park Inc. in meeting Renewable Energy Approvals requirements. This material will be maintained on file for use during the study and may be included in project documentation. With the exception of personal information, all comments will become part of the public record.



Leah Deveau

From: Nadiya Bogush
Sent: Wednesday, December 16, 2009 4:56 PM
To: 'Riddell, Heather (MNR)'
Subject: RE: Silvercreek Solar Project Meeting December 18/2009
Attachments: Meeting Agenda 18122009.doc

Hi Heather,

Please see the proposed agenda for our Friday meeting. Let me know whether you have additional items we could add to the agenda and who will be joining us from the MNR. I will send this agenda to everyone once I receive a reply from you.

Regards,

Nadiya Bogush, MES

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From: Riddell, Heather (MNR) [<mailto:Heather.Riddell@ontario.ca>]
Sent: Tuesday, December 15, 2009 4:27 PM
To: Nadiya Bogush
Subject: RE: Silvercreek Solar Project Open House and meeting December 18/2009

Hi Nadiya,

Thank you for your email. I have booked the large boardroom here at the Aylmer District office for 1:30 pm.

Our office is located at 615 John Street North. When you arrive to the building, please park in the visitor's parking lot, enter through the main entrance, call me from the phone available in the front lobby and I will meet you at the front.

Could you please send me a list of any specific questions you may have for the MNR. This way I can make sure we are providing you with the necessary guidance. Also, a list of those who will be attending the meeting on Friday, including the representatives from NRSI and CCCA would be greatly appreciated.

Best Regards,

Heather

Heather Riddell
Renewable Energy Intern
Ministry of Natural Resources
Aylmer District
(519) 773-4723

From: Nadiya Bogush [<mailto:NBogush@ortech.ca>]
Sent: December 15, 2009 2:48 PM

To: Riddell, Heather (MNR)

Subject: Silvercreek Solar Project Open House and meeting December 18/2009

Hi Heather,

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We would also like to schedule a meeting with you and your colleagues on December 18 before this open house (1:30 PM or so), as we will have the "full" project team in Aylmer. We would also like to invite the CCCA to this meeting. Please advise regarding your availability for this meeting and let me know what time and location would be convenient for you.

Regards,

Nadiya Bogush, B.Sc., M.E.S.

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MEETING AGENDA

Silvercreek Solar Park Project

To: Heather Riddell

From: ORTECH Environmental

Copy: Scott Manser, Nadiya Bogush, Leah Deveaux,
Andrew Ryckman, Tony Difazio, Dave
Moerman

RE: **AGENDA FOR THE MEETING ON THE SILVERCREEK SOLAR PARK
PROJECT, THE TOWNSHIP OF MALAHIDE, ELGIN COUNTY**

DATE AND TIME:

December 18, 2009, 1:30 P.M., the Aylmer District office boardroom

PARTICIPANTS:

Heather Riddell – Renewable Energy Intern, Ministry of Natural Resources

Tony Difazio - Resource Planning Coordinator, Catfish Creek Conservation Authority

Andrew Ryckman - Biologist, Natural Resource Solutions Inc.

Scott Manser - ORTECH Environmental

Nadiya Bogush – REA, ORTECH Environmental

Leah Deveaux – REA, ORTECH Environmental

AGENDA ITEMS

1. Update on project status - design (including setback discussion - water bodies, wooded areas, and hazard areas), proposed construction activities, explanation of operations.
2. Brief discussion on project timing - submission of reports, projected REA application, need to move quickly.
3. Summary of field studies conducted to date and discussion of findings.
4. Brief summary of other organizations contacted (Elgin Stewardship Council, National Wild Turkey Federation, Ducks Unlimited Canada, and Rotary Club of Aylmer).
5. Open House.
6. The Township Council request for a presentation on the project and need to speak with CCCA and MNR .
7. Other.



ORTECH
Environmental
a division of ORTECH Consulting Inc.

December 16, 2009

Ministry of Natural Resources
Aylmer District Office
615 John Street North
Aylmer, ON
N5H 2S8

Attn: Heather Riddell
Renewable Energy Intern

Subject: Project Description Silvercreek Solar Park

Dear Heather,

The enclosed is the Project Description for the Silvercreek Solar Park Project for your consideration. We would welcome comments and questions from the Ministry of Natural Resources regarding the project and its potential impacts on the environment. This document has been posted on the project website www.silvercreeksolar.com, as required by the Ontario Regulation 359/09 under the Environmental Protection Act.

Please do not hesitate to contact me if you have any questions or require further information.

Regards,

Nadiya Bogush
ORTECH Environmental
804 Southdown Road
Mississauga, ON, L5J 2Y4
Tel: (905) 822-4120, ext. 223
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Fax: (905) 855-0406
nbogush@ortech.ca

Leah Deveau

From: Nadiya Bogush
Sent: Thursday, December 17, 2009 12:31 PM
To: 'Riddell, Heather (MNR)'
Cc: Fleischhauer, Andrea (MNR); Scott Manser
Subject: RE: Silvercreek Solar Project Meeting December 18/2009

Hi Heather,

Thank you for your e-mail. Regarding a FIT contract, I have added it to the agenda and we will discuss this tomorrow.

Thanks,

Nadiya Bogush, B.Sc., M.E.S.

ORTECH Environmental
804 Southdown Road
Mississauga, ON, L5J 2Y4
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From: Riddell, Heather (MNR) [<mailto:Heather.Riddell@ontario.ca>]
Sent: Thursday, December 17, 2009 11:24 AM
To: Nadiya Bogush
Cc: Fleischhauer, Andrea (MNR)
Subject: RE: Silvercreek Solar Project Meeting December 18/2009

Hi Nadiya,

Thanks for sending the agenda. I look forward to the discussion. I don't have anything to add to the agenda, although I would like to discuss whether/not you have an OPA contract for the project. If not, is there a contract pending, i.e. a FIT contract?

I will be the main MNR contact on this file and will consider this an opportunity to gain information on the project. I will not be including other MNR staff in the discussion at this time.

Thank you,

Heather

Heather Riddell
Renewable Energy Intern
Ministry of Natural Resources
Aylmer District
(519) 773-4723

From: Nadiya Bogush [<mailto:NBogush@ortech.ca>]
Sent: December 16, 2009 4:56 PM
To: Riddell, Heather (MNR)
Subject: RE: Silvercreek Solar Project Meeting December 18/2009

Hi Heather,

Please see the proposed agenda for our Friday meeting. Let me know whether you have additional items we could add to the agenda and who will be joining us from the MNR. I will send this agenda to everyone once I receive a reply from you.

Regards,

Nadiya Bogush, MES

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Best Regards,

Heather

Heather Riddell
Renewable Energy Intern
Ministry of Natural Resources
Aylmer District
(519) 773-4723

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Regards,

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Leah Deveau

From: Nadiya Bogush
Sent: Wednesday, January 13, 2010 1:07 PM
To: 'Riddell, Heather (MNR)'; 'Tony Difazio'; 'Dave Moerman'; Scott Manser; Leah Deveau; 'Andrew Ryckman'
Subject: Minutes from Dec 18/09 Silvercreek Solar Park Meeting
Attachments: 18122009 Silvercreek Solar Park Meeting Minutes.pdf

Good afternoon everyone,

I apologize for the delay in getting these minutes out to you all. If you have any questions, please let me know.

Regards,

Nadiya Bogush, B.Sc., M.E.S.

ORTECH Environmental
804 Southdown Road
Mississauga, ON, L5J 2Y4
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MEETING MINUTES

Meeting Information	
Subject:	MEETING ON THE SILVERCREEK SOLAR PARK PROJECT, THE TOWNSHIP OF MALAHIDE, ELGIN COUNTY
Date/Time:	December 18, 2009 1:30 PM - 2:45 PM

Participants	
Chair:	Scott Manser
Attendees:	Heather Riddell – Renewable Energy Intern, Ministry of Natural Resources Tony Difazio – Resource Planning Coordinator, Catfish Creek Conservation Authority Dave Moerman – Silvercreek Solar Park Inc. Scott Manser – REA Manager, ORTECH Environmental Nadiya Bogush – REA, ORTECH Environmental Leah Deveau – REA coordinator, ORTECH Environmental Andrew Ryckman – Biologist, Natural Resource Solutions Inc.

Materials Distributed

Copies of the Project Description for the Silvercreek Solar Park Project and 8.5X11 copies of the Open House displays

Key Issues Discussed

Purpose of the meeting was to outline the project design, timelines and provide a summary of environmental baseline studies conducted for the project.

Scott Manser (ORTECH) outlined the preliminary project design and proposed construction, operation and decommissioning activities. He pointed out that the project will keep a 30 m setback distance from waterbodies, as per the REA requirements. Scott explained the importance of having a presentation about the project for the Township of Malahide Council in early January, 2010 and noted that the Design and Operations, Construction and Decommissioning Reports will be released after the Township Council's meeting, 60 days prior the second open house.

Heather Riddell emphasised the importance of proper setbacks from natural features. The natural features at the project site have to be evaluated for significance and if EIS shows no significance, a setback distance can be 30 m.

Dave Moerman (Silvercreek) explained benefits of the project for the environment, described the location of the project components in details and life expectancy of the project. Dave mentioned about water management issues for the project and noted that he is looking at water management issues for other solar farms.

Tony Difazio noted that he needs to have the project layout with the solar panel locations. He mentioned that the report should contain information about the site drainage. Tony also inquired about the site visit.

Scott Manser outlined the new REA process, project timelines and need to move forward in a timely manner, since this project is aiming commencement of operations in December 2010.

Heather Riddell indicated that MNR is overloaded with other applications and will review applications based on their priority status, such as whether a FIT application is submitted etc.

Leah Deveau noted that a FIT application has been submitted and a contract from OPA is anticipated in mid-January.

Andrew Ryckman said that environmental baseline studies for the project had already been conducted and briefly summarised the findings of the studies pointing out that milksnake has a potential to be present at the project site.

Heather Riddell noted that MNR requirements for project relevant studies are assessment and identification of significant features and keeping a proper setback from these features. MNR can provide a direction, since this is a new process.

Scott Manser explained that the project has to move forward in a timely manner and the Proponent and ORTECH would like to work with MNR and CCCA to address their requirements for this project. The environmental heritage report once completed will be sent to MNR and CCCA for review to obtain a letter of opinion, which will be sent along with the REA application to MOE.

Heather Riddell mentioned that, considering MNR work load, an internal review would take from 4 to 6 weeks.

Action Items:

- Make available the project layout to MNR and CCCA.
- Arrange a project site visit for CCCA and MNR representatives.
- Prepare the Natural Heritage Report for MNR and CCCA review.

Renewable Energy Operations Team
P.O. Box 7000
300 Water Street
4th Floor, South Tower
Peterborough, Ontario K9J 8M5

Telephone: (705) 755-3243
Facsimile: (705) 755-3292

July 20, 2011

Dave Moerman
Silvercreek Solar Park Inc.,
49588 Vienna Line,
Aylmer, ON
N5H 2R2

Dear Mr. Moerman,

We have recently been advised by the Renewable Energy Facilitation Office (REFO) that you have been offered and accepted a Feed in Tariff (FIT) contract from the Ontario Power Authority for the following renewable energy project: Silvercreek Solar Park in Aylmer, ON. Your renewable energy project has been identified as subject to the Ministry of the Environment's (MOE) *Renewable Energy Approval (REA) Ontario Regulation 359/09*.

As part of the coordinated REA process, proponents must complete a Natural Heritage Assessment (NHA) prior to making a complete submission to MOE. Through the NHA, applicants identify natural features, provincial parks and conservation reserves near the proposed project location, determine if prohibitions and setbacks apply, and undertake an Environmental Impact Study if necessary. A letter confirming that the NHA has been conducted following procedures or guidance established or accepted by the MNR must be obtained and submitted as part of the REA application. The requirements that applicants must meet to receive a REA are outlined in MOE's *REA Regulation (O.Reg 359/09)*.

In order for MNR to review proposed renewable energy projects and make decisions under applicable legislation, the applicant is required to undertake activities and submit information related to relevant permits, licences, authorizations and approvals. MNR's Approval and Permitting Requirements Document (APRD) provides direction on those activities and information requirements for renewable energy projects on Crown land and where MNR permits or approvals are required on private land under the various Acts administered by MNR. Renewable energy projects subject to this document are outlined in Section 3.1 of the APRD.

We request a meeting with you to discuss MNR's expectations around the NHA and provide your company with our available information on known natural heritage features in the area of your proposed project. The purpose of this meeting will also be to discuss any work your company has undertaken to date in support of the project. Prior to our meeting we require any available information regarding your project including site mapping and details, information on known natural heritage features and any completed studies or work to date. If this work has not been completed for your project, please complete and return the attached information request form. Our office will schedule a meeting within three weeks upon receipt of this information. We request that the individuals leading the NHA attend the meeting with you.

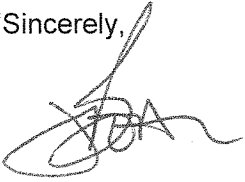
For additional information on MNR's role with renewable energy projects and the requirements of a NHA please refer to the following MNR resources:

- Natural Heritage Assessment Guide
http://www.mnr.gov.on.ca/stdprodconsume/groups/lr/@mnr/@renewable/documents/document/stdprod_078471.pdf

- Approval and Permitting Requirements Document
<http://www.mnr.gov.on.ca/stdprodconsume/groups/lr/@mnr/@renewable/documents/document/277097.pdf>

If you have any questions, please contact the undersigned at 705-755-3203 or jim.beal@ontario.ca.

Sincerely,

A handwritten signature in black ink, appearing to read 'Jim Beal', with a stylized flourish at the end.

Jim Beal
Renewable Energy Provincial Field Program Coordinator
Regional Operation Division
Ministry of Natural Resources

cc. Leah Deveaux, Ortech Consulting

Natural. Valued. Protected.

MNR Natural Heritage Features Information Request Form for Renewable Energy Projects

For Office Use Only

MNR FILE #

Proponent Name:	Address:	Phone #: Email Address:
Consultant Name:	Address:	Phone #: Email Address:
Project Type:	<input type="checkbox"/> Onshore Wind <input type="checkbox"/> Offshore Wind <input type="checkbox"/> Solar <input type="checkbox"/> Biomass	
Project Name:	Project Capacity: MW	
Project Location Information	Municipality: Geographic Township: Lot and Concession:	

Confirm the following items are attached:

- ☐ PDF Map with Project Location clearly delineated
- ☐ Shape file of project location boundary

Request for the following Information:

I would like to request the following information for the property identified above:

All relevant natural heritage features that need to be considered for the purpose of a renewable energy development, including:

- Location of Life Science ANSIs on and within 120m of the project location
- Location of Earth Science ANSIs on and within 120m of the project location
- Location of Provincial Parks on and within 120m of the project location
- Location of Conservation Reserves on and within 120m of the project location
- Location of candidate and/or significant valleylands on and within 120m of the project location
- Location of candidate and/or significant woodlands on and within 120m of the project location
- Location of candidate and/or significant wildlife habitat on and within 120m of the project location
- Any other records deemed relevant by MNR for the purpose of this project, including species at risk

Please email the completed form to: Jim.Beal@ontario.ca

Leah Deveau

From: Beal, Jim (MNR) <jim.beal@ontario.ca>
Sent: Wednesday, October 12, 2011 11:35 AM
To: Leah Deveau
Subject: RE: Silvercreek Solar Park

Hi Leah;

We would like to meet on the 20th (if that is possible)

Please give me a call to discuss details.

Thanks

Jim Beal

Renewable Energy Provincial Field Program Coordinator
Regional Operations Division
Ontario Ministry of Natural Resources
300 Water Street, 4th Floor, South Tower

Tel: 705-755-3203
Fax: 705-755-3292

E-mail jim.beal@ontario.ca

From: Leah Deveau [<mailto:LDeveau@ortech.ca>]
Sent: Friday, September 30, 2011 3:05 PM
To: Beal, Jim (MNR)
Cc: Scott Manser; Alex Tsopelas; Dave Moerman (SC); Andrew Ryckman
Subject: Silvercreek Solar Park

Hi Jim,

In follow up to your letter dated July 20, 2011 I am writing to provide information on the Silvercreek Solar Park. I have attached for your review the project description which was released to the public in December of 2010, a draft of the Natural Heritage information which we prepared in 2010 (and which is being updated and expanded on) and updated mapping which reflects the most current project layout.

As you will note the project description does not reflect the most current connection routing. The proponent made the decision to change the connection point, as a result two options are being considered and have been presented in the mapping. A 15 km low voltage distribution line will run to a new substation being built by the proponent. We are working to update the natural heritage, cultural heritage and project documents in order to reflect this change and the new guidance. We have spoken to the MOE regarding the change and will be notifying land owners as required shortly.

I'd like to propose a meeting for the Week of October 17, 2011. I am happy to host the meeting at our offices. Please let me know if any date during that week works for you. I will be out of the office starting Monday October 3rd and returning Thursday October 6th. If you have any questions please feel free to contact me via email while I am out of the office.

Leah Deveau, BES

EA Specialist
ORTECH Power
804 Southdown Rd.
Mississauga, ON ; L5J 2Y4
Tel: (905) 822-4120 ext. 305
1-877-774-6560 ext. 305



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Leah Deveaux

From: Cameron, Amy (MNR) <Amy.Cameron@ontario.ca>
Sent: Monday, October 17, 2011 3:59 PM
To: Leah Deveaux
Cc: Beal, Jim (MNR); Boos, John (MNR); Fleischhauer, Andrea (MNR); Riddell, Heather (MNR); Sanders, Erin (MNR)
Subject: Proposed Silver Creek Meeting Agenda
Attachments: SilverCreek_Oct20,2011.docx

Importance: High

Attached is a copy of the proposed agenda for the Silver Creek meeting October 20th.

Please let me know if you would like to make any changes.

Once we finalize the agenda I will print and bring copies to the meeting.

Thanks,

Amy Cameron
A/Renewable Energy Operations Team
Renewable Energy Operations Team
Ministry of Natural Resources

p. 613-732-5506

Leah Deveaux

From: Leah Deveaux
Sent: Thursday, October 20, 2011 9:42 AM
To: Cameron, Amy (MNR)
Cc: Beal, Jim (MNR); Boos, John (MNR); Fleischhauer, Andrea (MNR); Riddell, Heather (MNR); Sanders, Erin (MNR)
Subject: RE: Proposed Silver Creek Meeting Agenda
Attachments: Silvercreek Solar Park - Project Description Oct 19.pdf

Please find attached an updated copy of the draft SCSolar PDR. I will print off copies for those attending today, please let me know how many people to expect.

Thanks,

Leah Deveaux, BES

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From: Cameron, Amy (MNR) [<mailto:Amy.Cameron@ontario.ca>]
Sent: Monday, October 17, 2011 3:59 PM
To: Leah Deveaux
Cc: Beal, Jim (MNR); Boos, John (MNR); Fleischhauer, Andrea (MNR); Riddell, Heather (MNR); Sanders, Erin (MNR)
Subject: Proposed Silver Creek Meeting Agenda
Importance: High

Attached is a copy of the proposed agenda for the Silver Creek meeting October 20th.

Please let me know if you would like to make any changes.

Once we finalize the agenda I will print and bring copies to the meeting.

Thanks,

Amy Cameron
A/Renewable Energy Operations Team
Renewable Energy Operations Team
Ministry of Natural Resources

p. 613-732-5506

Leah Deveau

From: Cameron, Amy (MNR) <Amy.Cameron@ontario.ca>
Sent: Thursday, October 20, 2011 10:51 AM
To: Leah Deveau
Cc: Beal, Jim (MNR)
Subject: Silvercreek Solar Park Records Review Request
Attachments: template v3_8 letter_SilverCreekSolarProject-SWOOP.pdf; 2011-10-18 SAR Records Review_SilverCreekSolarPark_Oct19, 2011.doc; template v3_8 letter_SilverCreekSolarProject.pdf; 2011-10-20 DistrictNHARecordsReview_SilverCreek_7E.docx

Leah,

Please see the attached documents. Presented are the results of the MNR Records Review. This information will be discussed at the meeting this afternoon.

Amy Cameron
A/Renewable Energy Field Advisor
Renewable Energy Operations Team
Ministry of Natural Resources
31 Riverside Drive, Pembroke

p. 613-732-5506

From: Sanders, Erin (MNR)
Sent: October 20, 2011 9:53 AM
To: Cameron, Amy (MNR)
Cc: Riddell, Heather (MNR); Fleischhauer, Andrea (MNR); Hunter, Pud (MNR)
Subject: RE: Silvercreek Solar Park Records Review Request

Hello Amy,

Please find attached a completed copy of:

1. NHA Records Review Template
2. SAR Records Review Template
3. an overview map of the project location
4. an overview map of the project location overlaid on the SWOOP photography

With regards to comments on for the water report; Silver Creek is located on the edge of the 120m zone and beyond.

- Silver Creek is a cold water stream that supports a spawning Lake Erie migrant salmonid population; if solutions used in the cleaning of panels find their way into Silver Creek, the ecosystem quality and fish population could be negatively impacted.

Given the low percent forest cover in the county, we ask that ecosystem fragmentation is considered in the design of the solar project to minimize further impacts to the natural heritage features.

Thank-you,

Erin

Erin Sanders
Renewable Energy Project Biologist
Ministry of Natural Resources: Aylmer District
Phone: 519-773-4715

AGENDA

Ministry of Natural Resources: Natural Heritage Assessment

Pre-Consultation Meeting

Date: October 20, 2011

Project Name: Silver Creek

Client: Silver Creek Solar Park Inc.

Consultant: ORTECH

Participants: Silver Creek Solar Park Inc, ORTECH, MNR Aylmer District and MNR Renewable Energy Operations Team (REOT)

Agenda Item	Lead
1) Introductions	All
2) REA Process Overview <ul style="list-style-type: none">MNR's Role in the REA processBruce to Milton Project process and MNR project leads	REOT
3) MNR Technical Guidance and Tools for Completing a Natural Heritage Assessment Report;; <ul style="list-style-type: none">Natural Heritage Assessment GuideSignificant Wildlife Habitat Technical GuideELC First Approximation ManualNHA Report TemplateRenewable Energy CD	REOT
4) Overview of MNR's Natural Heritage Assessment Requirements <ul style="list-style-type: none">Records ReviewSite InvestigationEvaluation of SignificanceEnvironmental Impact StudyMNR Confirmation	REOT
5) Project Overview <ul style="list-style-type: none">Site location and details (mapping)NHA work and data collected to datePreliminary comments from MNR on NHA Report<ul style="list-style-type: none">NHA Records Review Results from MNR Aylmer District	Client/Consultant REOT MNR Aylmer District
7) Additional MNR Requirements <ul style="list-style-type: none">MNR Approvals and Permitting Requirements<ul style="list-style-type: none">Approvals and Permitting Requirements Document (APRD)<ul style="list-style-type: none">Species at Risk considerations and MNR Records Review ResultsPetroleum Resources and Petroleum Report TemplateCrown Land (if required)	MNR Aylmer District
8) Summary and Next Steps	REOT/Client

Leah Deveaux

From: Cameron, Amy (MNR) <Amy.Cameron@ontario.ca>
Sent: Tuesday, November 15, 2011 3:01 PM
To: Leah Deveaux
Subject: Silver Creek COD

Importance: High

Leah,

Do you happen to have the Commercial Operation Date (COD) handy for the Silver Creek Solar Project. I am updating our spreadsheets and realized I don't have this information for this project.

Thanks,

Amy Cameron

A/Renewable Energy Field Advisor
Renewable Energy Operations Team
Ministry of Natural Resources
31 Riverside Drive, Pembroke
p. 613-732-5506

Leah Deveau

From: Cameron, Amy (MNR) <Amy.Cameron@ontario.ca>
Sent: Wednesday, November 23, 2011 1:31 PM
To: Leah Deveau
Subject: RE: Silver Creek COD

thanks for this Leah!

Amy Cameron

A/Renewable Energy Field Advisor
Renewable Energy Operations Team
Ministry of Natural Resources
31 Riverside Drive, Pembroke
p. 613-732-5506

From: Leah Deveau [<mailto:LDeveau@ortech.ca>]
Sent: Mon 21/11/2011 1:07 PM
To: Cameron, Amy (MNR)
Subject: RE: Silver Creek COD

Hi Amy,
Can't recall if I responded to this, I have been out of the office sick for a couple weeks. The Target COD is by the end of 2012 (as we discussed for financing reasons this date was chosen), the Milestone date for the FIT contract is July 2014.

Leah Deveau, BES
EA Specialist
ORTECH Power
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Mississauga, ON ; L5J 2Y4
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-----Original Message-----

From: Cameron, Amy (MNR) [<mailto:Amy.Cameron@ontario.ca>]

Sent: Tuesday, November 15, 2011 3:01 PM

To: Leah Deveau

Subject: Silver Creek COD

Importance: High

Leah,

Do you happen to have the Commercial Operation Date (COD) handy for the Silver Creek Solar Project. I am updating our spreadsheets and realized I don't have this information for this project.

Thanks,

Amy Cameron

A/Renewable Energy Field Advisor
Renewable Energy Operations Team
Ministry of Natural Resources
31 Riverside Drive, Pembroke
p. 613-732-5506

Leah Deveaux

From: Cameron, Amy (MNR) <Amy.Cameron@ontario.ca>
Sent: Monday, December 05, 2011 9:11 PM
To: Leah Deveaux
Subject: RE: Silver Creek Project

thanks for this Leah. I will be sending out an email in the next few days to touch base about the project and I just wanted everyone to be included.

Hope all is well
Amy Cameron

A/Renewable Energy Field Advisor
Renewable Energy Operations Team
Ministry of Natural Resources
31 Riverside Drive, Pembroke
p. 613-732-5506

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

From: Leah Deveaux [<mailto:LDeveaux@ortech.ca>]
Sent: Mon 05/12/2011 11:54 AM
To: Cameron, Amy (MNR)
Subject: RE: Silver Creek Project

Sure Amy his email is: silvercreeksolar@amtelecom.net

Leah Deveaux, BES
EA Specialist
ORTECH Power
804 Southdown Rd.
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-----Original Message-----

From: Cameron, Amy (MNR) [<mailto:Amy.Cameron@ontario.ca>]

Sent: Friday, December 02, 2011 4:57 PM

To: Leah Deveaux

Subject: Silver Creek Project

Leah can you please send me Dave's email address - I would like to include him on correspondence related to the Silver Creek project.

Thanks,

Amy Cameron

A/Renewable Energy Field Advisor
Renewable Energy Operations Team
Ministry of Natural Resources
31 Riverside Drive, Pembroke
p. 613-732-5506

Leah Deveau

From: Cameron, Amy (MNR) <Amy.Cameron@ontario.ca>
Sent: Tuesday, January 03, 2012 5:42 PM
To: Leah Deveau; Beal, Jim (MNR)
Cc: Scott Manser; Dave Moerman; chumphrey@nr.si.on.ca; aryckman@nr.si.on.ca
Subject: Silvercreek Solar Park - Records Review Deemed Complete
Attachments: Checklist for NHA Review_SilvercreekSolar_Jan3,2012_RRDeemedComplete_AC.docx

Importance: High

Leah,

The Records Review has now been deemed complete. Thank you for making these changes. We look forward to receiving the remainder of the NHA report to review.

Attached is the revised MNR checklist confirming the records review is complete.

Amy Cameron

A/Renewable Energy Field Advisor
Renewable Energy Operations Team
Ministry of Natural Resources
31 Riverside Drive, Pembroke
p. 613-732-5506

From: Leah Deveau [mailto:LDeveau@ortech.ca]
Sent: Tue 03/01/2012 5:05 PM
To: Cameron, Amy (MNR)
Subject: FW: FW: Silvercreek Solar Park

Amy,
Attached is the proposed revisions. NRSI felt that they could not eliminate open country bird breeding habitat because some of the fields within 120m of the cable route have been left fallow, additionally the air photos were from 2006. They have added some clarification to that aspect of the table. Please let me know if you're ok with this change.

Leah Deveau, BES

EA Specialist
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From: Christy Humphrey [mailto:chumphrey@nrsl.on.ca]
Sent: Tuesday, January 03, 2012 2:46 PM
To: Leah Deveau
Cc: Scott Manser; Dave Moerman; Andrew Ryckman
Subject: Re: FW: Silvercreek Solar Park

Hi Leah,

Attached is a track changes version of the Word doc as well as a finalized pdf. We felt that we could not eliminate Open Country Bird Breeding Habitat at the records review stage, as Amy's comment suggested might be possible, since we would not know during Records Review if some fields within 120m of cabling etc. have been left fallow since air photos were taken in 2006, in addition to the fact that two of those fields appear to be pastures (which may qualify). We felt that at the RR stage we could eliminate the fields that the solar park will be located in as potential open country habitat, especially since we were all at the meeting with MNR and Dave discussed the land use on his property. As a result I've just clarified this in the table in the report a bit more.

Cheers,

Christy



Christy Humphrey, B.E.S.
Terrestrial & Wetland Biologist
Natural Resource Solutions Inc.
225 Labrador Drive, Unit 1
Waterloo, ON, N2K 4M8
(p) 519.725.2227
(f) 519.725.2575
(e) chumphrey@nrsl.on.ca
www.nrsl.on.ca

On 1/3/2012 1:31 PM, Leah Deveau wrote:

Can you make the proposed changes and forward to me, then proceed on the site investigation work?

Thanks!

Leah Deveau, BES
EA Specialist
ORTECH Consulting
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-----Original Message-----

From: Cameron, Amy (MNR) [<mailto:Amy.Cameron@ontario.ca>]
Sent: Tuesday, January 03, 2012 1:24 PM
To: Leah Deveaux; Beal, Jim (MNR)
Cc: Scott Manser; Dave Moerman; chumphrey@nr.si.on.ca; Andrew Ryckman
Subject: RE: Silvercreek Solar Park
Importance: High

Leah,

Please find attached MNR's comments inserted into the Records Review Report along with the checklist MNR uses to review these documents for completeness.

I have requested a few very minor changes. Once these changes are made the records review report can be deemed completed.

Let me know if you have any questions and I'd be glad to chat with you.

Amy Cameron

A/Renewable Energy Field Advisor
Renewable Energy Operations Team
Ministry of Natural Resources
31 Riverside Drive, Pembroke
p. 613-732-5506

From: Leah Deveaux [<mailto:LDeveaux@ortech.ca>]
Sent: Tue 03/01/2012 9:57 AM
To: Cameron, Amy (MNR); Beal, Jim (MNR)
Cc: Scott Manser; Dave Moerman; chumphrey@nr.si.on.ca; Andrew Ryckman
Subject: Silvercreek Solar Park

Amy,

Please find attached a copy of the Draft Records Review Report for Silvercreek Solar Park, we look forward to your comments on this item and can be available for a phone call to discuss the contents.

Thanks very much

Leah Deveaux, BES

EA Specialist

ORTECH Consulting

804 Southdown Rd.

Mississauga, ON ; L5J 2Y4

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To: Leah Deveaux
Subject: RE: FW: Silvercreek Solar Park

perfect! That's the information I was looking for. I'll give this a read and get back to you in an hour or so.

Amy Cameron

A/Renewable Energy Field Advisor
Renewable Energy Operations Team
Ministry of Natural Resources
31 Riverside Drive, Pembroke
p. 613-732-5506

From: Leah Deveaux [mailto:LDeveaux@ortech.ca]
Sent: Tue 03/01/2012 5:05 PM
To: Cameron, Amy (MNR)
Subject: FW: FW: Silvercreek Solar Park

Amy,
Attached is the proposed revisions. NRSI felt that they could not eliminate open country bird breeding habitat because some of the fields within 120m of the cable route have been left fallow, additionally the air photos were from 2006. They have added some clarification to that aspect of the table. Please let me know if you're ok with this change.

Leah Deveaux, BES

EA Specialist
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Mississauga, ON ; L5J 2Y4
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From: Christy Humphrey [mailto:chumphrey@nrsi.on.ca]
Sent: Tuesday, January 03, 2012 2:46 PM
To: Leah Deveaux
Cc: Scott Manser; Dave Moerman; Andrew Ryckman
Subject: Re: FW: Silvercreek Solar Park

Hi Leah,

Attached is a track changes version of the Word doc as well as a finalized pdf. We felt that we could not eliminate Open Country Bird Breeding Habitat at the records review stage, as Amy's comment suggested might be possible, since we would not know during Records Review if some fields within 120m of cabling etc. have been left fallow since air photos were taken in 2006, in addition to the fact that two of those fields appear to be pastures (which may qualify). We felt that at the RR stage we could eliminate the fields that the solar park will be located in as potential open country habitat, especially since we were all at the meeting with MNR and Dave discussed the land use on his property. As a result I've just clarified this in the table in the report a bit more.

Cheers,

Christy



Christy Humphrey, B.E.S.
Terrestrial & Wetland Biologist
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225 Labrador Drive, Unit 1
Waterloo, ON, N2K 4M8
(p) 519.725.2227
(f) 519.725.2575
(e) chumphrey@nrsl.on.ca
www.nrsl.on.ca

On 1/3/2012 1:31 PM, Leah Deveau wrote:

Can you make the proposed changes and forward to me, then proceed on the site investigation work?

Thanks!

Leah Deveau, BES
EA Specialist
ORTECH Consulting
804 Southdown Rd.
Mississauga, ON ; L5J 2Y4
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-----Original Message-----

From: Cameron, Amy (MNR) [<mailto:Amy.Cameron@ontario.ca>]
Sent: Tuesday, January 03, 2012 1:24 PM
To: Leah Deveau; Beal, Jim (MNR)
Cc: Scott Manser; Dave Moerman; chumphrey@nrsl.on.ca; Andrew Ryckman
Subject: RE: Silvercreek Solar Park

Importance: High

Leah,

Please find attached MNR's comments inserted into the Records Review Report along with the checklist MNR uses to review these documents for completeness.

I have requested a few very minor changes. Once these changes are made the records review report can be deemed completed.

Let me know if you have any questions and I'd be glad to chat with you.

Amy Cameron

A/Renewable Energy Field Advisor
Renewable Energy Operations Team
Ministry of Natural Resources
31 Riverside Drive, Pembroke
p. 613-732-5506

From: Leah Deveaux [<mailto:LDeveaux@ortech.ca>]
Sent: Tue 03/01/2012 9:57 AM
To: Cameron, Amy (MNR); Beal, Jim (MNR)
Cc: Scott Manser; Dave Moerman; chumphrey@nr.si.on.ca; Andrew Ryckman
Subject: Silvercreek Solar Park

Amy,

Please find attached a copy of the Draft Records Review Report for Silvercreek Solar Park, we look forward to your comments on this item and can be available for a phone call to discuss the contents.

Thanks very much

Leah Deveaux, BES

EA Specialist

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Leah Deveaux

From: Cameron, Amy (MNR) <Amy.Cameron@ontario.ca>
Sent: Tuesday, January 03, 2012 1:24 PM
To: Leah Deveaux; Beal, Jim (MNR)
Cc: Scott Manser; Dave Moerman; chumphrey@nrsi.on.ca; Andrew Ryckman
Subject: RE: Silvercreek Solar Park
Attachments: NRSI_0983A_Silvercreek SP_NHA Records Review Report_DRAFT_2012_01_03_MNRCOMMENTS_Jan3,2012_AC.doc; Checklist for NHA Review_SilvercreekSolar_Jan3,2012_AC.doc

Importance: High

Leah,

Please find attached MNR's comments inserted into the Records Review Report along with the checklist MNR uses to review these documents for completeness.

I have requested a few very minor changes. Once these changes are made the records review report can be deemed completed.

Let me know if you have any questions and I'd be glad to chat with you.

Amy Cameron

A/Renewable Energy Field Advisor
Renewable Energy Operations Team
Ministry of Natural Resources
31 Riverside Drive, Pembroke
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From: Leah Deveaux [<mailto:LDeveaux@ortech.ca>]
Sent: Tue 03/01/2012 9:57 AM
To: Cameron, Amy (MNR); Beal, Jim (MNR)
Cc: Scott Manser; Dave Moerman; chumphrey@nrsi.on.ca; Andrew Ryckman
Subject: Silvercreek Solar Park

Amy,

Please find attached a copy of the Draft Records Review Report for Silvercreek Solar Park, we look forward to your comments on this item and can be available for a phone call to discuss the contents.

Thanks very much

Leah Deveaux, BES

EA Specialist

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Leah Deveaux

From: Cameron, Amy (MNR) <Amy.Cameron@ontario.ca>
Sent: Tuesday, February 07, 2012 1:15 PM
To: Leah Deveaux
Cc: Scott Manser; chumphrey@nr.si.on.ca; Dave Moerman; Beal, Jim (MNR)
Subject: RE: Silvercreek Site Investigation Report and updated Records Review Report

Thanks for this Leah – we'll start our review of the SI report and get back to you with comments.

I'm out of the office a lot over the next couple of weeks so if anything comes up and you get my out of office reply please contact Jim Beal (copied here).

Thanks,

Amy

From: Leah Deveaux [<mailto:LDeveaux@ortech.ca>]
Sent: February 7, 2012 1:06 PM
To: Cameron, Amy (MNR)
Cc: Scott Manser; chumphrey@nr.si.on.ca; Dave Moerman
Subject: FW: Silvercreek Site Investigation Report and updated Records Review Report

Amy,
Please find uploaded on the web sharing site described below the Records Review and the Site Investigation for the Silvercreek Solar Park for your review.

Please contact me if you have any questions.

1. Navigate to <http://basswood.nr.si.on.ca:8080>
 2. Enter your login information:

User: ldeveaux

Password: JuKoS24f
 3. On the main page look for the library tab, please select this tab.
 4. Select and expand the folder **Reporting** and your files will appear to the right.
 5. Click on the file you wish to download and a grey box will appear.
 6. Click on the blue arrow within the grey box and select "download" from the list of options that appear.
 7. Select the "save" option and navigate to the location you wish to save them and then select "save".
- After 2 weeks the file(s) will be removed from the library unless otherwise requested.

Also please note for large file sizes (larger than 50mb) the transfer process can take some time.

Leah Deveaux, BES

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Leah Deveau

From: Cameron, Amy (MNR) <Amy.Cameron@ontario.ca>
Sent: Friday, February 24, 2012 1:30 PM
To: Leah Deveau
Subject: RE: Silvercreek Solar Park

Leah – the plan is to have comments back to you by the middle of next week for the Silver Creek Project. There are some revisions required. I just have to pull all the comments together and flip this to you.

Thanks,

Amy

From: Leah Deveau [<mailto:LDeveau@ortech.ca>]
Sent: February 23, 2012 2:55 PM
To: Cameron, Amy (MNR)
Cc: Scott Manser; Dave Moerman; chumphrey@nrsl.on.ca
Subject: Silvercreek Solar Park

Hi Amy,

I was just checking in to see if you have any questions regarding the Site Investigation we sent you two weeks ago. Please don't hesitate to contact me should you have any concerns.

Thanks,

Leah Deveau, BES

EA Specialist
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Leah Deveau

From: Cameron, Amy (MNR) <Amy.Cameron@ontario.ca>
Sent: Tuesday, February 28, 2012 4:14 PM
To: Leah Deveau
Cc: Scott Manser; chumphrey@nr.si.on.ca; Dave Moerman; Beal, Jim (MNR); Boos, John (MNR); Zurbrigg, Heather (MNR)
Subject: Silver Creek Site Investigation Comments
Attachments: Checklist for NHA Review_SilvercreekSolar_SI-REPORT_Feb28,2012_AC.docx; SilverCreek_SIRreport_MNRComments_Feb28,2012_AC.doc

Importance: High

Leah,

Attached are the comments for the Silver Creek project. If you would like, we can arrange to discuss the comments via telecon. Please make sure the SI Report is revised before the EOS report is submitted. This will help to focus the review of the EOS.

I didn't see any maps for generalized or candidate SWH. Have these been completed and were just missing from the PDF? If not, please include them in the next version.

Thanks,

Amy Cameron
A/Renewable Energy Field Advisor
Renewable Energy Operations Team
Ministry of Natural Resources

p. 613-732-5506

From: Leah Deveau [<mailto:LDeveau@ortech.ca>]
Sent: February 7, 2012 1:06 PM
To: Cameron, Amy (MNR)
Cc: Scott Manser; chumphrey@nr.si.on.ca; Dave Moerman
Subject: FW: Silvercreek Site Investigation Report and updated Records Review Report

Amy,
Please find uploaded on the web sharing site described below the Records Review and the Site Investigation for the Silvercreek Solar Park for your review.

Please contact me if you have any questions.

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2. Enter your login information:

User: ldeveau

Password: JuKoS24f

3. On the main page look for the library tab, please select this tab.

4. Select and expand the folder **Reporting** and your files will appear to the right.
5. Click on the file you wish to download and a grey box will appear.
6. Click on the blue arrow within the grey box and select “download” from the list of options that appear.
7. Select the “save” option and navigate to the location you wish to save them and then select “save”.

After 2 weeks the file(s) will be removed from the library unless otherwise requested.

Also please note for large file sizes (larger than 50mb) the transfer process can take some time.

Leah Deveaux, BES

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-

Leah Deveaux

From: Cameron, Amy (MNR) <Amy.Cameron@ontario.ca>
Sent: Wednesday, March 21, 2012 3:29 PM
To: Leah Deveaux
Cc: Scott Manser; Dave Moerman; Beal, Jim (MNR)
Subject: RE: Silvercreek SI Revised

Thanks for this Leah!

We'll get comments back to you as soon as possible. Our target will be no later than April 11th.

Amy

From: Leah Deveaux [<mailto:LDeveaux@ortech.ca>]
Sent: March 21, 2012 10:52 AM
To: Cameron, Amy (MNR)
Cc: Scott Manser; Dave Moerman
Subject: FW: Silvercreek SI Revised

Amy,
Please find attached edits to the Site Investigation Report for the Silvercreek Solar Park.

Please let me know if you have any questions.

Leah Deveaux, BES

EA Specialist
ORTECH Consulting
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From: Christy Humphrey [<mailto:chumphrey@nrsl.on.ca>]
Sent: Tuesday, March 20, 2012 4:42 PM
To: Leah Deveaux
Cc: Andrew Ryckman
Subject: Silvercreek SI Revised

Hi Leah,

Please find attached the revised Silvercreek SI report, addressing MNR's comments. Also attached are the revised maps, including mapping for generalized candidate significant wildlife habitat and candidate significant wildlife habitats. In the report, we just have to measure a few distances for the last table (for generalized

candidate significant wildlife habitats). Other than that, the report should contain all of the necessary information.

Please let me know if you have any further suggestions.

Regards,

Christy

--



Christy Humphrey, B.E.S.
Terrestrial & Wetland Biologist
Natural Resource Solutions Inc.

225 Labrador Drive, Unit 1

Waterloo, ON, N2K 4M8

(p) 519.725.2227

(f) 519.725.2575

(e) chumphrey@nrsi.on.ca

www.nrsi.on.ca

Leah Deveau

From: Cameron, Amy (MNR) <Amy.Cameron@ontario.ca>
Sent: Sunday, April 01, 2012 11:58 PM
To: Leah Deveau
Cc: Scott Manser; Dave Moerman; Beal, Jim (MNR)
Subject: RE: Silvercreek SI Revised
Attachments: NRSI_0983A_Silvercreek SP_NHA Site Investigation Report_DRAFT_2012_03_20_CLH_MNRCOMMENTS_April1,2012.doc

Importance: High

Leah,

I've gone through the Site Investigation Report and it is almost complete. There are just a few things that need to be double checked. I've already made most of the changes myself so you just need to accept tracked changes.

A few things to note:

1. Because Vienna Line is adjacent to the CSW-001,002,004,006 it is unlikely that the access road will have an operational impact in comparison to the existing road. Therefore I've deleted these habitats as candidate sites that would have required additional field surveys. They are now categorized as generalized candidate significant wildlife habitat. This requires updating Figure 11 to remove these habitats as CSWH and change them to Generalized.

2. MNR recently posted the Ecoregion 7E criteria schedule to the environmental registry and is now considered interim guidance. There are a few changes in the criteria that you should be aware of:

- Landbird Migratory Stopover Area: size criteria changed from >10ha to >5ha
- Woodland Raptor Nesting: size criteria changed from >30ha with >10ha interior to >30ha with >4ha interior
- Woodland Area Sensitive Breeding Bird: size changed from >10ha to >30ha
- Shrub/Early Successional Bird Breeding Habitat: size criteria changed from 'no size criteria' to >10ha

Because of the changes in size criteria I've asked in a couple of places in the report that you double check to make sure no additional features need to be considered.

3. I moved several habitat types that were considered not present to now be considered generalized candidate significant wildlife habitat because the rationale was too weak to drop them. This category change has no additional impact on the project report. In the EOS Report you will have a section for "generalized candidate significant wildlife habitat" where you will indicate these features are treated as significant. In the EIS report you will apply general construction mitigation (ie. sedimentation and erosion control along areas that may provide amphibian breeding habitat etc.)

As soon as the tracked changes are accepted and the few requested changes are made in the report the SI will be deemed complete.

Let me know if you have any questions. I would be happy to discuss over the phone if necessary.

Amy Cameron

A/Renewable Energy Field Advisor
Renewable Energy Operations Team
Ministry of Natural Resources

31 Riverside Drive, Pembroke
p. 613-732-5506

From: Leah Deveaux [<mailto:LDeveaux@ortech.ca>]
Sent: Wed 21/03/2012 10:52 AM
To: Cameron, Amy (MNR)
Cc: Scott Manser; Dave Moerman
Subject: FW: Silvercreek SI Revised

Amy,
Please find attached edits to the Site Investigation Report for the Silvercreek Solar Park.

Please let me know if you have any questions.

Leah Deveaux, BES

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Sent: Tuesday, March 20, 2012 4:42 PM
To: Leah Deveaux
Cc: Andrew Ryckman
Subject: Silvercreek SI Revised

Hi Leah,

Please find attached the revised Silvercreek SI report, addressing MNR's comments. Also attached are the revised maps, including mapping for generalized candidate significant wildlife habitat and candidate significant wildlife habitats. In the report, we just have to measure a few distances for the last table (for generalized candidate significant wildlife habitats). Other than that, the report should contain all of the necessary information.

Please let me know if you have any further suggestions.

Regards,

Christy



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(e) chumphrey@nrsi.on.ca
www.nrsi.on.ca

Leah Deveaux

From: Cameron, Amy (MNR) <Amy.Cameron@ontario.ca>
Sent: Monday, April 09, 2012 2:26 PM
To: Leah Deveaux
Cc: Dave Moerman (SC); Scott Manser; chumphrey@nrsi.on.ca; Beal, Jim (MNR)
Subject: RE: : Silvercreek SI Revised

I looked through the changes to the SI report and it looks good. I only have one question that I would like to follow up with Chris at NRSI about - it is related to comment [c13] in the Word Document. I just want to make sure that if CSWH-003 is not going to be considered for pre-construction surveys and follow-up post-construction surveys that we can appropriately rationalize this since it is such a large feature with much of its edge running along the perimeter of the project location.

I will try to follow-up with this on Thursday or Friday.

Amy Cameron

A/Renewable Energy Field Advisor
Renewable Energy Operations Team
Ministry of Natural Resources
31 Riverside Drive, Pembroke
p. 613-732-5506

From: Leah Deveaux [<mailto:LDeveaux@ortech.ca>]
Sent: Mon 09/04/2012 1:47 PM
To: Cameron, Amy (MNR)
Cc: Dave Moerman (SC); Scott Manser; chumphrey@nrsi.on.ca
Subject: FW:: Silvercreek SI Revised

Amy,
Please find attached the revised report and below some comments on it.

Let me know if you have any questions

Leah Deveaux, BES

EA Specialist
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From: Christy Humphrey [<mailto:chumphrey@nrsi.on.ca>]
Sent: Thursday, April 05, 2012 5:30 PM

To: Leah Deveaux
Cc: Andrew Ryckman; Katherine St. James
Subject: Re: FW: Silvercreek SI Revised

Hi Leah,

Attached is the revised text of the Silvercreek SI Report. Please let me know if you have any additional comments on it. For the CSWHs that Amy removed because of their proximity to Vienna Line, the exact habitat numbers that she listed didn't exactly line up with what we identified for their location compared with their proximity to Vienna Line. For example, CSWH-006 is the only habitat which did not have a portion of it near Vienna Line but Amy identified it to be removed because of the influence from the existing road. As a result we interpreted Amy's comment to mean CSWH-001 through CSWH-005 should be removed, and CSWH-006 has been renumbered as CSWH-001 and will now only apply for one species (Appalachian sedge). If you have any additional thoughts on that please let me know. If Amy had other thoughts about it perhaps we can discuss it on the phone or maybe she will be able to clarify it in an email. I've attached the map referring to those habitats specifically in case you have any thoughts on it.

We will have the maps for this report updated by early next week for submission of the SI to the MNR.

Thanks,

Christy



Christy Humphrey, B.E.S.
Terrestrial & Wetland Biologist
Natural Resource Solutions Inc.
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(f) 519.725.2575
(e) chumphrey@nrsi.on.ca
www.nrsi.on.ca

Leah Deveau

From: Cameron, Amy (MNR) <Amy.Cameron@ontario.ca>
Sent: Monday, April 09, 2012 1:51 PM
To: Leah Deveau
Subject: RE: : Silvercreek SI Revised

Thanks for this Leah. I hope to have comments back to you by the end of the week.

Amy Cameron

A/Renewable Energy Field Advisor
Renewable Energy Operations Team
Ministry of Natural Resources
31 Riverside Drive, Pembroke
p. 613-732-5506

From: Leah Deveau [<mailto:LDeveau@ortech.ca>]
Sent: Mon 09/04/2012 1:47 PM
To: Cameron, Amy (MNR)
Cc: Dave Moerman (SC); Scott Manser; chumphrey@nrsl.on.ca
Subject: FW:: Silvercreek SI Revised

Amy,
Please find attached the revised report and below some comments on it.

Let me know if you have any questions

Leah Deveau, BES

EA Specialist
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From: Christy Humphrey [<mailto:chumphrey@nrsl.on.ca>]
Sent: Thursday, April 05, 2012 5:30 PM
To: Leah Deveau
Cc: Andrew Ryckman; Katherine St. James
Subject: Re: FW: Silvercreek SI Revised

Hi Leah,

Attached is the revised text of the Silvercreek SI Report. Please let me know if you have any additional comments on it. For the CSWHs that Amy removed because of their proximity to Vienna Line, the exact habitat numbers that she listed didn't exactly line up with what we identified for their location compared with their proximity to Vienna Line. For example, CSWH-006 is the only habitat which did not have a portion of it near Vienna Line but Amy identified it to be removed because of the influence from the existing road. As a result we interpreted Amy's comment to mean CSWH-001 through CSWH-005 should be removed, and CSWH-006 has been renumbered as CSWH-001 and will now only apply for one species (Appalachian sedge). If you have any additional thoughts on that please let me know. If Amy had other thoughts about it perhaps we can discuss it on the phone or maybe she will be able to clarify it in an email. I've attached the map referring to those habitats specifically in case you have any thoughts on it.

We will have the maps for this report updated by early next week for submission of the SI to the MNR.

Thanks,

Christy



Christy Humphrey, B.E.S.
Terrestrial & Wetland Biologist
Natural Resource Solutions Inc.
225 Labrador Drive, Unit 1
Waterloo, ON, N2K 4M8
(p) 519.725.2227
(f) 519.725.2575
(e) chumphrey@nrsl.on.ca
www.nrsl.on.ca

Leah Deveau

From: Cameron, Amy (MNR) <Amy.Cameron@ontario.ca>
Sent: Friday, April 13, 2012 1:16 PM
To: Leah Deveau
Cc: Dave Moerman (SC); Scott Manser; chumphrey@nrsi.on.ca; Beal, Jim (MNR)
Subject: RE: : Silvercreek SI Revised

Leah,

I just spoke with Christy about the CSWH-003 features and no additional work is required to address this.

Christy clarified that there is already an existing farm road that will be located between the proposed road and CSWH-003. Therefore we are not worried about the introduction of invasive species from this new proposed road on this feature as the existing road already serves as a potential vector.

Thanks,

Amy Cameron

A/Renewable Energy Field Advisor
Renewable Energy Operations Team
Ministry of Natural Resources
31 Riverside Drive, Pembroke
p. 613-732-5506

From: Cameron, Amy (MNR)
Sent: Mon 09/04/2012 2:25 PM
To: Leah Deveau
Cc: Dave Moerman (SC); Scott Manser; chumphrey@nrsi.on.ca; Beal, Jim (MNR)
Subject: RE: : Silvercreek SI Revised

I looked through the changes to the SI report and it looks good. I only have one question that I would like to follow up with Chris at NRSI about - it is related to comment [c13] in the Word Document. I just want to make sure that if CSWH-003 is not going to be considered for pre-construction surveys and follow-up post-construction surveys that we can appropriately rationalize this since it is such a large feature with much of its edge running along the perimeter of the project location.

I will try to follow-up with this on Thursday or Friday.

Amy Cameron

A/Renewable Energy Field Advisor
Renewable Energy Operations Team
Ministry of Natural Resources
31 Riverside Drive, Pembroke
p. 613-732-5506

From: Leah Deveau [<mailto:LDeveau@ortech.ca>]
Sent: Mon 09/04/2012 1:47 PM
To: Cameron, Amy (MNR)

Cc: Dave Moerman (SC); Scott Manser; chumphrey@nrsi.on.ca

Subject: FW:: Silvercreek SI Revised

Amy,

Please find attached the revised report and below some comments on it.

Let me know if you have any questions

Leah Deveaux, BES

EA Specialist
ORTECH Consulting
804 Southdown Rd.
Mississauga, ON ; L5J 2Y4
Tel: (905) 822-4120 ext. 305
1-877-774-6560 ext. 305
Fax: (905) 855-0406
www.ortech.ca



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From: Christy Humphrey [<mailto:chumphrey@nrsi.on.ca>]

Sent: Thursday, April 05, 2012 5:30 PM

To: Leah Deveaux

Cc: Andrew Ryckman; Katherine St. James

Subject: Re: FW: Silvercreek SI Revised

Hi Leah,

Attached is the revised text of the Silvercreek SI Report. Please let me know if you have any additional comments on it. For the CSWHs that Amy removed because of their proximity to Vienna Line, the exact habitat numbers that she listed didn't exactly line up with what we identified for their location compared with their proximity to Vienna Line. For example, CSWH-006 is the only habitat which did not have a portion of it near Vienna Line but Amy identified it to be removed because of the influence from the existing road. As a result we interpreted Amy's comment to mean CSWH-001 through CSWH-005 should be removed, and CSWH-006 has been renumbered as CSWH-001 and will now only apply for one species (Appalachian sedge). If you have any additional thoughts on that please let me know. If Amy had other thoughts about it perhaps we can discuss it on the phone or maybe she will be able to clarify it in an email. I've attached the map referring to those habitats specifically in case you have any thoughts on it.

We will have the maps for this report updated by early next week for submission of the SI to the MNR.

Thanks,

Christy



Christy Humphrey, B.E.S.
Terrestrial & Wetland Biologist
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(p) 519.725.2227
(f) 519.725.2575
(e) chumphrey@nrsi.on.ca
www.nrsi.on.ca

Leah Deveaux

From: Cameron, Amy (MNR) <Amy.Cameron@ontario.ca>
Sent: Tuesday, April 24, 2012 1:37 PM
To: Leah Deveaux
Cc: Scott Manser; Dave Moerman (SC); chumphrey@nr.si.on.ca; Gryck, Emily (MNR)
Subject: RE: Silvercreek EOS Report

Leah,

Great stuff! Emily Gryck (copied here) or myself will review this EOS report and have comments back to you by **May 15th** at the latest.

Thanks!

Amy

From: Leah Deveaux [<mailto:LDeveaux@ortech.ca>]
Sent: April 24, 2012 11:56 AM
To: Cameron, Amy (MNR)
Cc: Scott Manser; Dave Moerman (SC); chumphrey@nr.si.on.ca
Subject: FW: Silvercreek EOS Report

Amy,

Please find attached our Draft EOS for Silvercreek Solar Park. We look forward to your comments.

Leah Deveaux, BES

EA Specialist
ORTECH Consulting
804 Southdown Rd.
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Leah Deveau

From: Cameron, Amy (MNR) <Amy.Cameron@ontario.ca>
Sent: Wednesday, April 25, 2012 5:25 PM
To: Leah Deveau
Cc: Scott Manser; Dave Moerman (SC); chumphrey@nrsi.on.ca; Gryck, Emily (MNR)
Subject: RE: Silvercreek EOS Report
Attachments: NRSI_0983A_Silvercreek SP_NHA_EOS_Draft_2012_04_16
_CLH_MNRCOMMENTS_April25,2012_AC.doc

Importance: High

Leah,

This EOS just has a couple of tracked change. Accept them and you are finished the EOS!

The only section I really added any detail was the wetland methods for apply Appendix C.

Thanks,

Amy Cameron
Renewable Energy Field Advisor
Renewable Energy Operations Team
Ministry of Natural Resources

p.613-732-5506

From: Leah Deveau [<mailto:LDeveau@ortech.ca>]
Sent: April 24, 2012 11:56 AM
To: Cameron, Amy (MNR)
Cc: Scott Manser; Dave Moerman (SC); chumphrey@nrsi.on.ca
Subject: FW: Silvercreek EOS Report

Amy,

Please find attached our Draft EOS for Silvercreek Solar Park. We look forward to your comments.

Leah Deveau, BES

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Leah Deveaux

From: Leah Deveaux
Sent: Thursday, May 31, 2012 12:02 PM
To: Cameron, Amy (MNR) (Amy.Cameron@ontario.ca)
Cc: Scott Manser
Subject: FW: SCSolar
Attachments: NRSI_0983A_Silvercreek Solar Park_EIS_2012_05_30_CLH.docx; NRSI_0983_EIS_Fig1_ProjectAreaNatFeat_30K_2012_05_18_ELF.pdf; NRSI_0983_EIS_Fig2_SolarParkAreaNatFeat_5K_2012_05_18_ELF.pdf; NRSI_0983_EIS_Fig3_CandidateSWH_20K_2012_05_18_ELF.pdf; NRSI_0983_EIS_Fig4_CandidateSWH_20K_2012_05_18_ELF.pdf; NRSI_0983_EIS_Fig5_CandidateSWH_9K_2012_05_18_ELF.pdf; NRSI_0983_EIS_Fig6_LayoutComparison_3K_2012_05_18_ELF.pdf

Amy,
Please find attached the EIS for Silvercreek Solar.

Leah Deveaux, BES

EA Specialist
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Leah Deveaux

From: Cameron, Amy (MNR) <Amy.Cameron@ontario.ca>
Sent: Friday, June 01, 2012 9:32 AM
To: Leah Deveaux
Cc: Scott Manser
Subject: RE: SCSolar

Thanks for this Leah. I hope to have this back to you no later than June 21st (but likely before that).

Amy

From: Leah Deveaux [<mailto:LDeveaux@ortech.ca>]
Sent: May 31, 2012 12:02 PM
To: Cameron, Amy (MNR)
Cc: Scott Manser
Subject: FW: SCSolar

Amy,
Please find attached the EIS for Silvercreek Solar.

Leah Deveaux, BES

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Leah Deveau

From: Leah Deveau
Sent: Wednesday, July 04, 2012 3:32 PM
To: Cameron, Amy (MNR) (Amy.Cameron@ontario.ca)
Cc: Scott Manser; 'Christy Humphrey' (chumphrey@nrsi.on.ca)
Subject: FW: Silvercreek EIS
Attachments: NRSI_0983A_Silvercreek Solar Park_EIS_2012_07_04_CLH.doc

Amy,
Please find attached the revised EIS for Silvercreek Solar Park

Leah Deveau, BES

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From: Christy Humphrey [<mailto:chumphrey@nrsi.on.ca>]
Sent: Wednesday, July 04, 2012 8:05 AM
To: Leah Deveau
Cc: Andrew Ryckman
Subject: Silvercreek EIS

Hi Leah,

Attached please find the Silvercreek EIS revised as per MNR's comments. Note the statement about frac-out which is found on page 38, as per the discussion between Andrew and yourself.

Please let me know if you have any comments. I can send a cleaned up version and a pdf by end of day today.

Thanks,

Christy



Christy Humphrey, B.E.S.
Terrestrial & Wetland Biologist
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(f) 519.725.2575
(e) chumphrey@nrsi.on.ca
www.nrsi.on.ca

Leah Deveaux

From: Leah Deveaux
Sent: Thursday, July 05, 2012 10:34 AM
To: Cameron, Amy (MNR) (Amy.Cameron@ontario.ca)
Subject: FW: FW: Silvercreek EIS
Attachments: NRSI_0983A_Silvercreek SP_NHA_EIS_2012_07_04_CLH.pdf

Here is a more complete version of the EIS with diagrams

Leah Deveaux, BES

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From: Christy Humphrey [<mailto:chumphrey@nrsi.on.ca>]
Sent: Wednesday, July 04, 2012 9:38 PM
To: Leah Deveaux
Subject: Re: FW: Silvercreek EIS

Hi Leah,

Attached is a final pdf of the EIS report, for a quicker turnaround if MNR doesn't have any more comments.

Cheers,

Christy



Christy Humphrey, B.E.S.
Terrestrial & Wetland Biologist
Natural Resource Solutions Inc.
225 Labrador Drive, Unit 1
Waterloo, ON, N2K 4M8
(p) 519.725.2227
(f) 519.725.2575
(e) chumphrey@nrsi.on.ca
www.nrsi.on.ca

On 7/4/2012 3:32 PM, Leah Deveaux wrote:

Amy,

Please find attached the revised EIS for Silvercreek Solar Park

Leah Deveaux, BES
EA Specialist
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From: Christy Humphrey [<mailto:chumphrey@nrsi.on.ca>]
Sent: Wednesday, July 04, 2012 8:05 AM
To: Leah Deveaux
Cc: Andrew Ryckman
Subject: Silvercreek EIS

Hi Leah,

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Please let me know if you have any comments. I can send a cleaned up version and a pdf by end of day today.

Thanks,

Christy

--



Leah Deveaux

From: Cameron, Amy (MNR) <Amy.Cameron@ontario.ca>
Sent: Tuesday, July 10, 2012 11:22 AM
To: silvercreeksolar@amtelecom.net; Leah Deveaux
Cc: Gryck, Emily (MNR); Cotnam, Erin (MNR); Wilson, Mitch (MNR); Santos, Narren (ENE); Romic, Zeljko (ENE)
Subject: NHA Confirmation Letter for Silvercreek Solar Project
Attachments: NHA Confirmation_Silvercreek Solar_July 9, 2012.pdf

Follow Up Flag: Follow up
Flag Status: Flagged

Dave,

Please find attached the NHA confirmation letter for the Silver Creek Solar project.

Leah - can you please package the final version of the RR, SI, EOS and EIS reports into one pdf with a version date of July 2012 for our file.

Thanks,

Amy Cameron

Southern Region Renewable Energy Operations Team Coordinator
Ministry of Natural Resources

m. 705-875-7481

July 9, 2012

Silvercreek Solar Park Inc.
49588 Vienna Line
Aylmer, ON
N5H 2R2

RE: NHA Confirmation for Silvercreek Solar Park

Dear Dave Moerman:

In accordance with the Ministry of the Environment's (MOE's) Renewable Energy Approvals (REA) Regulation (O.Reg.359/09), the Ministry of Natural Resources (MNR) has reviewed the Silvercreek Solar Park Natural Heritage Assessment and Environmental Impact Study for the Silvercreek Solar Park near Aylmer submitted by Silvercreek Solar Park Inc. in July 2012.

In accordance with Section 28(2) and 38(2)(b) of the REA regulation, MNR provides the following confirmations following review of the natural heritage assessment:

1. The MNR confirms that the determination of the existence of natural features and the boundaries of natural features was made using applicable evaluation criteria or procedures established or accepted by MNR.
2. The MNR confirms that the site investigation and records review were conducted using applicable evaluation criteria or procedures established or accepted by MNR, if no natural features were identified.
3. The MNR confirms that the evaluation of the significance or provincial significance of the natural features was conducted using applicable evaluation criteria or procedures established or accepted by MNR.
4. The MNR confirms that the project location is not in a provincial park or conservation reserve.
5. The MNR confirms that the environmental impact study report has been prepared in accordance with procedures established by the MNR.

In accordance with Section 28(3)(c) and 38(2)(c), MNR also offers the following comments in respect of the project.

Preconstruction Monitoring

In accordance with Appendix D of MNR's NHA Guide, a commitment has been made to complete pre-construction assessment(s) of habitat use for the following candidate significant wildlife habitats: Species of Conservation Concern – Appalachian Sedge. MNR has reviewed and confirmed the assessment methods and the range of mitigative options. Pending completion of the assessments and determination of significance, the appropriate mitigation is expected to be implemented, as committed to in the environmental impact study.

Post-Construction Monitoring

If the Appalachian Sedge candidate Significant Wildlife Habitat (CAAP-001) is deemed significant through pre-construction surveys, a commitment has been made in the Environmental Effects Monitoring Plan, part of the Design and Operations Report, to conduct post-construction monitoring and if determined necessary, implement mitigation measures.

This confirmation letter is valid for the project as proposed in the natural heritage assessment and environmental impact study, including those sections describing the Environmental Effects Monitoring Plan and Construction Plan Report. Should any changes be made to the proposed project that would alter the NHA, MNR may need to undertake additional review of the NHA.

Where specific commitments have been made by the applicant in the NHA/EIS with respect to project design, construction, rehabilitation, operation, mitigation, or monitoring, MNR expects that these commitments will be considered in MOE's Renewable Energy Approval decision and, if approved, be implemented by the applicant.

In accordance with S.12 (1) of the Renewable Energy Approvals Regulation, this letter must be included as part of your application submitted to the MOE for a Renewable Energy Approval.

Please be aware that your project may be subject to additional legislative approvals as outlined in the Ministry of Natural Resources' *Approvals and Permitting Requirements Document*. These approvals are required prior to the construction of your renewable energy facility.

If you wish to discuss any part of this confirmation or additional comments provided, please contact Amy Cameron at amy.cameron@ontario.ca or 705-875-7481.

Sincerely,



Amy Cameron
Coordinator
Renewable Energy Operations Team
Southern Region MNR

cc Emily Gryck, Renewable Energy Operations Team, Project Manager, MNR
Erin Cotnam, Renewable Energy Operations Team, Project Manager, MNR
Mitch Wilson, District Manager, Aylmer District, MNR
Narren Santos, Environmental Approvals Branch, MOE
Zeljko Romic, Environmental Approvals Branch, MOE
Leah Deveaux, Environmental Assessment Specialist, ORTECH Consulting

Leah Deveaux

From: Leah Deveaux
Sent: Wednesday, July 11, 2012 9:02 AM
To: Cameron, Amy (MNR) (Amy.Cameron@ontario.ca)
Subject: FW: FW: FW: Silvercreek EIS

Amy,

As requested a finalized copy for your records can be found on the sharing site detailed below.

Thanks so much to you and your team for your speedy responses!

Leah Deveaux, BES

EA Specialist
ORTECH Consulting
804 Southdown Rd.
Mississauga, ON ; L5J 2Y4
Tel: (905) 822-4120 ext. 305
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From: Christy Humphrey [mailto:chumphrey@nrsi.on.ca]
Sent: Tuesday, July 10, 2012 5:04 PM
To: Leah Deveaux
Cc: Andrew Ryckman
Subject: Re: FW: FW: Silvercreek EIS

Hi Leah,

Assuming all is good to go and no revisions are required to the EIS, PDFs of all of the NHA documents are provided on our epiware site. I have included pdfs of each of the four reports as well as a title page (if for any reason you are looking for each report alone), as well as a separate pdf containing all four reports and the title page. The instructions to access the site are included below.

1. Navigate to [REDACTED]
2. Enter your login information:

User: [REDACTED]

Password: [REDACTED]
3. On the main page look for the library tab, please select this tab.
4. Select and expand the folder **Reporting** and your files will appear to the right.

5. Click on the file you wish to download and a grey box will appear.
6. Click on the blue arrow within the grey box and select "download" from the list of options that appear.
7. Select the "save" option and navigate to the location you wish to save them and then select "save".

After 2 weeks the file(s) will be removed from the library unless otherwise requested.

Also please note for large file sizes (larger than 50mb) the transfer process can take some time.

Cheers,

Christy



On 7/10/2012 10:25 AM, Leah Deveau wrote:

Christy, based on this comment can you assemble a completed package for us to post to the public and print for the packages?

Thanks!

Leah Deveau, BES

EA Specialist
ORTECH Consulting
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From: Gryck, Emily (MNR) [<mailto:emily.gryck@ontario.ca>]
Sent: Tuesday, July 10, 2012 9:38 AM
To: Leah Deveau; chumphrey@nrsi.on.ca
Subject: FW: FW: Silvercreek EIS

Hi Leah and Christy,

Could you provide me with the proponents name (of whom the confirmation letter should be addressed to) and his/her email address?

Thanks!

Emily Gryck

Project Manager
Southern Region Renewable Energy Operations Team
Ministry of Natural Resources
(705) 755-5595

From: Cameron, Amy (MNR)
Sent: July 5, 2012 10:56 AM
To: Gryck, Emily (MNR)
Subject: Fw: FW: Silvercreek EIS

See message below

From: Leah Deveau <LDeveau@ortech.ca>
To: Cameron, Amy (MNR)
Sent: Thu Jul 05 10:34:02 2012
Subject: FW: FW: Silvercreek EIS

Here is a more complete version of the EIS with diagrams

Leah Deveau, BES
EA Specialist
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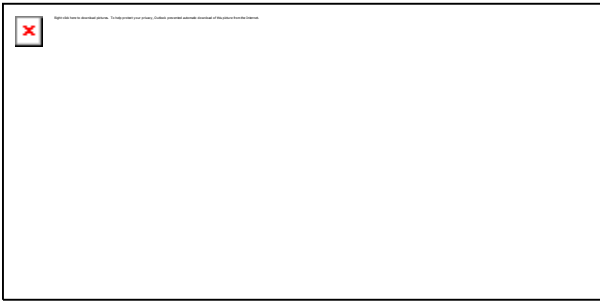
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Sent: Wednesday, July 04, 2012 9:38 PM
To: Leah Deveau
Subject: Re: FW: Silvercreek EIS

Hi Leah,

Attached is a final pdf of the EIS report, for a quicker turnaround if MNR doesn't have any more comments.

Cheers,

Christy



On 7/4/2012 3:32 PM, Leah Deveaux wrote:

Amy,
Please find attached the revised EIS for Silvercreek Solar Park

Leah Deveaux, BES
EA Specialist
ORTECH Consulting
804 Southdown Rd.
Mississauga, ON ; L5J 2Y4
Tel: (905) 822-4120 ext. 305
1-877-774-6560 ext. 305
Fax: (905) 855-0406
www.ortech.ca



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From: Christy Humphrey [<mailto:chumphrey@nrsi.on.ca>]
Sent: Wednesday, July 04, 2012 8:05 AM
To: Leah Deveaux
Cc: Andrew Ryckman
Subject: Silvercreek EIS

Hi Leah,

Attached please find the Silvercreek EIS revised as per MNR's comments. Note the statement about frac-out which is found on page 38, as per the discussion between Andrew and yourself.

Please let me know if you have any comments. I can send a cleaned up version and a pdf by end of day today.

Thanks,

Christy

Leah Deveau

From: Cameron, Amy (MNR) <Amy.Cameron@ontario.ca>
Sent: Wednesday, July 11, 2012 9:32 AM
To: Leah Deveau
Subject: RE: FW: FW: Silvercreek EIS

Thanks very much for this Leah! You were a great team to work with!

Amy

From: Leah Deveau [mailto:LDeveau@ortech.ca]
Sent: Wed 11/07/2012 9:01 AM
To: Cameron, Amy (MNR)
Subject: FW: FW: FW: Silvercreek EIS

Amy,
As requested a finalized copy for your records can be found on the sharing site detailed below.
Thanks so much to you and your team for your speedy responses!

Leah Deveau, BES

EA Specialist
ORTECH Consulting
804 Southdown Rd.
Mississauga, ON ; L5J 2Y4
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From: Christy Humphrey [mailto:chumphrey@nr.si.on.ca]
Sent: Tuesday, July 10, 2012 5:04 PM
To: Leah Deveau
Cc: Andrew Ryckman
Subject: Re: FW: FW: Silvercreek EIS

Hi Leah,

Assuming all is good to go and no revisions are required to the EIS, PDFs of all of the NHA documents are provided on our epiware site. I have included pdfs of each of the four reports as well as a title page (if for any reason you are looking for each report alone), as well as a separate pdf containing all four reports and the title page. The instructions to access the site are included below.

1. Navigate to <http://basswood.nr.si.on.ca:8080>
2. Enter your login information:

From: Gryck, Emily (MNR) [<mailto:emily.gryck@ontario.ca>]
Sent: Tuesday, July 10, 2012 9:38 AM
To: Leah Deveaux; chumphrey@nrsi.on.ca
Subject: FW: FW: Silvercreek EIS

Hi Leah and Christy,

Could you provide me with the proponents name (of whom the confirmation letter should be addressed to) and his/her email address?

Thanks!

Emily Gryck
Project Manager
Southern Region Renewable Energy Operations Team
Ministry of Natural Resources
(705) 755-5595

From: Cameron, Amy (MNR)
Sent: July 5, 2012 10:56 AM
To: Gryck, Emily (MNR)
Subject: Fw: FW: Silvercreek EIS

[See message below](#)

From: Leah Deveaux <LDeveaux@ortech.ca>
To: Cameron, Amy (MNR)
Sent: Thu Jul 05 10:34:02 2012
Subject: FW: FW: Silvercreek EIS

Here is a more complete version of the EIS with diagrams

Leah Deveaux, BES
EA Specialist
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From: Christy Humphrey [<mailto:chumphrey@nrsi.on.ca>]
Sent: Wednesday, July 04, 2012 9:38 PM
To: Leah Deveaux
Subject: Re: FW: Silvercreek EIS

Hi Leah,

Attached is a final pdf of the EIS report, for a quicker turnaround if MNR doesn't have any more comments.

Cheers,

Christy

On 7/4/2012 3:32 PM, Leah Deveaux wrote:

Amy,

Please find attached the revised EIS for Silvercreek Solar Park

Leah Deveaux, BES

EA Specialist

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From: Christy Humphrey [<mailto:chumphrey@nrsl.on.ca>]

Sent: Wednesday, July 04, 2012 8:05 AM

To: Leah Deveaux

Cc: Andrew Ryckman

Subject: Silvercreek EIS

Hi Leah,

Attached please find the Silvercreek EIS revised as per MNR's comments. Note the statement about frac-out which is found on page 38, as per the discussion between Andrew and yourself.

Please let me know if you have any comments. I can send a cleaned up version and a pdf by end of day today.

Thanks,

Christy

--

August 2, 2012

To Whom It May Concern:

ORTECH Power (ORTECH) has been retained by Silvercreek Solar Park Inc. (SSPI) to complete the Renewable Energy Approval (REA) for the Silvercreek Solar Park, a 10MW ground mounted solar PV project in the Township of Malahide. In accordance with Ontario Regulation 359/09 a Notice of Public Meeting was posted in the Aylmer Express indicating the date of the second and final public open house on October 4, 2012. As well this Notice detailed the availability of the Draft REA submission public review and comment. This review and comment period will run from **August 2, 2012 until November 5, 2012**.

In accordance with Ontario Regulation 359/09 these draft reports are being made available for review and comment from **Thursday August 2, 2012 until 4:30 pm Monday November 5 2012**. The documents may be reviewed on the project website: www.silvercreeksolar.com. Two hard copies and two electronic copies of these documents may be found during this review period at the following public location:

<p>The Elgin County Library Aylmer Branch 38 John St. S. Aylmer, ON</p>
--

In accordance with O.Reg 359/09, stakeholders are invited to submit comments and questions on the draft reports directly to Silvercreek Solar Park Inc. at the address below:

Silvercreek Solar Park Inc. c/o
Leah Deveau
ORTECH Power
804 Southdown Rd. Mississauga ON; L5J 2Y4
Phone: 1-877-774-6560 x.305
Fax: 905-855-0406
Email: info@silvercreeksolar.com

Following the conclusion of this comment period on Monday November 5, 2012 Silvercreek Solar Park will evaluate all comments received and prepare its final REA submission for the Ministry of the Environment.

We appreciate your input into this process and look forward to your continued input in the future.

Thanks kindly,

Leah Deveau, BES
ORTECH Power
www.silvercreeksolarpark.com

-enclosures

c.c. Dave Moerman, Silvercreek Solar Park Inc.

NOTICE OF PUBLIC MEETING

To be held by Silvercreek Solar Park Inc. regarding a Proposal to Engage in a Renewable Energy Project

Project Name: Silvercreek Solar Park Inc.
Project Location: Malahide Township (see map)
Dated at Malahide Township this 2nd day of August 2012

Silvercreek Solar Park Inc. is planning to engage in a renewable energy project in respect of which the issuance of a renewable energy approval (REA) is required. The proposal to engage in the project and the project itself is subject to the provisions of the Environmental Protection Act (ACT) Part V.0.1 and the Ontario Regulation 359/09 (Regulation). This notice must be distributed in accordance with section 15 of the Regulation prior to an application being submitted and assessed for completeness by the Ministry of the Environment.

Meeting Location: **Date:** October 4, 2012
Time: 5:30pm – 8pm
Place: German Canadian Club
522 Talbot St. West; Aylmer, ON

Project Description: Pursuant to the Act and Regulation, the facility, in respect of which this project is to be engaged in, is a Class 3 ground mounted Solar Facility. If approved, this facility would have a total maximum name plate capacity of 10 MW. The project location is described in the map below. Additionally, the project will require installation of a new 34.5kV distribution line to be installed primarily below ground, to a new 115kV substation adjacent to the existing Aylmer Transmission Station.

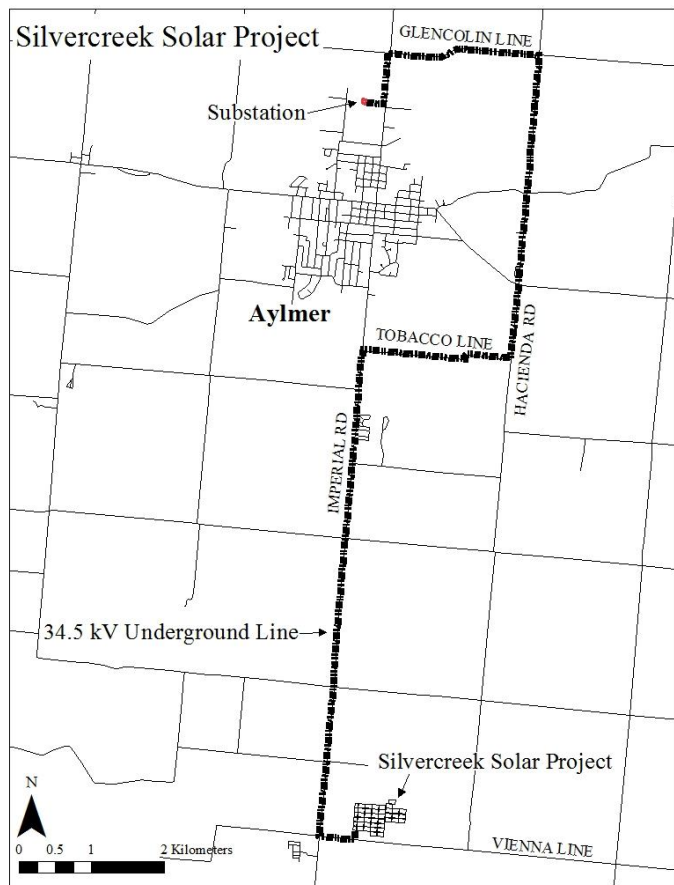
Documents for Public Inspection: The Draft Project Description Report titled "Project Description: Silvercreek Solar Park" describes the project as utilizing up to 46,000 polycrystalline solar photovoltaic panels, with a rated power output of 290 W, each to be mounted on horizontal beam single-axis trackers totaling 10 MW. The project will require installation of a new 34.5kV distribution line to be installed primarily below ground to a new 115kV substation adjacent to the existing Aylmer Transmission Station. A written copy of the Draft Project Description Report was made available for public inspection on November 18, 2009.

Further, the applicant has prepared supporting documents in order to comply with the requirements of the Act and Regulation. Written copies of the draft supporting documents will be made available for public inspection on August 2, 2012 at the following locations:

Elgin County Library – Aylmer Branch, 38 John St. South Aylmer and www.silvercreeksolar.com

To learn more about the project please contact:

Silvercreek Solar Park Inc. c/o
Leah Deveau
ORTECH Power
804 Southdown Rd. Mississauga ON; L5J 2Y4
Phone: 1-877-774-6560 ext. 305
Email: info@silvercreeksolar.com
www.silvercreeksolar.com



Information will be collected and used in accordance with the Freedom of Information and Protection of Privacy Act, and used solely for the purpose of assisting Silvercreek Solar Park Inc. in meeting their Renewable Energy Approvals requirements. This material will be maintained on file for use during the study and may be included in project documentation. With the exception of personal information, all comments will become part of the public record.

Leah Deveaux

From: Leah Deveaux
Sent: Monday, September 17, 2012 11:43 AM
To: 'Riddell, Heather (MNR)'
Subject: RE: Silver Creek Project
Attachments: SCSolar APRD - July 2012.zip

Heather,
Attached is a zip file which contains our Petroleum Reserves notification as well as the SAR report prepared by NRSI.
Please let me know if you have questions or comments.

Leah Deveaux, BES
EA Specialist
Tel: (905) 822-4120 ext. 305
www.ortech.ca

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

From: Riddell, Heather (MNR) [mailto:Heather.Riddell@ontario.ca]
Sent: Thursday, September 06, 2012 1:36 PM
To: Leah Deveaux
Subject: RE: Silver Creek Project

Thanks for the update Leah! Next week would be great.

Cheers,
Heather

Heather Riddell
Renewable Energy Planning Ecologist
705-755-5596

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

From: Leah Deveaux [mailto:LDeveaux@ortech.ca]
Sent: September 6, 2012 1:34 PM
To: Riddell, Heather (MNR)
Subject: RE: Silver Creek Project

Hi heather,

This project is in its 60 day notification for REA. I have reports for both oil and gas resources as well as SAR that are going through review currently and I am hoping to be able to send them to you sometime next week. Sorry for the delay!

Thank
Leah

From: Riddell, Heather (MNR) [Heather.Riddell@ontario.ca]
Sent: Thursday, September 06, 2012 12:25 PM
To: Leah Deveau
Subject: RE: Silver Creek Project

Hi Leah,

I noticed I haven't heard from you in a while regarding the Silver Creek Solar Project. Can you please give me an update on the status of the SAR Report and petroleum notification for this project?

Thanks!
Heather

Heather Riddell
Renewable Energy Planning Ecologist
705-755-5596

From: Leah Deveau [mailto:LDeveau@ortech.ca]
Sent: June 11, 2012 3:04 PM
To: Riddell, Heather (MNR)
Subject: RE: Silver Creek Project

Thanks very much Heather.

Leah Deveau, BES
EA Specialist
ORTECH Consulting
804 Southdown Rd.
Mississauga, ON ; L5J 2Y4
Tel: (905) 822-4120 ext. 305
1-877-774-6560 ext. 305
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From: Riddell, Heather (MNR) [mailto:Heather.Riddell@ontario.ca]
Sent: Monday, June 11, 2012 2:56 PM
To: Leah Deveau

Subject: RE: Silver Creek Project

Hi Leah,

Proponents are not necessarily required to submit an "APRD Report" as the additional information required by MNR as per the APRD can be provided in separate reports. For the Silver Creek project, I would imagine that only a SAR Report (addressing Endangered Species Act, 2007 requirements) and a Notification regarding Petroleum Reporting is required (as per the guideline document I sent you).

With that said, attached is the SAR Report template for your reference.

If you have any questions about this, please feel free to give me a call.

Note that my phone number has changed – I am now working out of the Peterborough Office. I will remain your contact on this file for now and will let you know if that changes anytime soon.

Regards,
Heather

Heather Riddell
Renewable Energy Planning Ecologist
705-755-5596

From: Leah Deveaux [mailto:LDeveaux@ortech.ca]<mailto:%5bmailto:LDeveaux@ortech.ca%5d>
Sent: June 7, 2012 11:13 AM
To: Riddell, Heather (MNR)
Subject: RE: Silver Creek Project

Heather,
Thanks for this. I was also wondering if your district had a template for what you would like the APRD to look like.

Leah Deveaux, BES
EA Specialist
ORTECH Consulting
804 Southdown Rd.
Mississauga, ON ; L5J 2Y4
Tel: (905) 822-4120 ext. 305
1-877-774-6560 ext. 305
Fax: (905) 855-0406
www.ortech.ca<<http://www.ortech.ca>>

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From: Riddell, Heather (MNR) [mailto:Heather.Riddell@ontario.ca]<mailto:%5bmailto:Heather.Riddell@ontario.ca%5d>
Sent: Wednesday, May 30, 2012 11:54 AM

To: Leah Deveaux
Subject: RE: Silver Creek Project

Hi Leah,

Sorry about that – here's the attachment.

Cheers,
Heather

From: Leah Deveaux [mailto:LDeveaux@ortech.ca]<mailto:%5bmailto:LDeveaux@ortech.ca%5d>
Sent: May 23, 2012 10:49 AM
To: Riddell, Heather (MNR)
Subject: RE: Silver Creek Project

Hi Heather, There didn't seem to be an attachment.

Leah Deveaux, BES
EA Specialist
ORTECH Consulting
804 Southdown Rd.
Mississauga, ON ; L5J 2Y4
Tel: (905) 822-4120 ext. 305
1-877-774-6560 ext. 305
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From: Riddell, Heather (MNR) [mailto:Heather.Riddell@ontario.ca]<mailto:%5bmailto:Heather.Riddell@ontario.ca%5d>
Sent: Wednesday, May 16, 2012 4:18 PM
To: Leah Deveaux
Subject: RE: Silver Creek Project

Hi Leah,

Since my email sent on December 16th, there has been a change to the Petroleum Resources reporting process. Please find attached updated information to support proponents of renewable energy projects in meeting petroleum resources setback requirements outlined in MNR's Approval and Permitting Requirements Document (APRD).

The attached document is intended to provide greater direction and advice on identifying and assessing petroleum wells and facilities. There is also a reduced role in terms of MNR review of inventories and reports.

Key Points:

- The APRD identifies a 75m setback from petroleum wells or facilities, applicable to all renewable energy projects subject to the Renewable Energy Approval process.
- It is the responsibility of the project applicant to identify and inventory petroleum wells and facilities near the generation facility.
- An engineer's report is required when any part of a renewable energy generation facility is to be located within 75m of a petroleum well or facility.
- The applicant must provide written notification to the appropriate District contact that the required work has been completed, including confirmation that an engineer's report was prepared, if one was necessary.
- Submission of the engineer's report is not necessary, however a brief summary of methods, findings and conclusions should be included in the notification.

We recognize that you are currently working to complete APRD requirements with respect to petroleum resources setbacks for the Silver Creek Solar Project. Please continue to complete an inventory and assessment and, if required, an engineer's report, as per the attached information. Please submit a notification once work has been completed.

Please contact me if you have any questions.

Regards,
Heather

Heather Riddell

A/ Planning Ecologist

Aylmer District MNR

519-773-4723

From: Riddell, Heather (MNR)
Sent: December 16, 2011 2:46 PM
To: 'Ideveaux@ortech.ca'
Cc: Sanders, Erin (MNR)
Subject: RE: Silver Creek Project

Hi Leah,

As District Staff, we are the lead on additional MNR requirements as laid out in the MNR's Approvals and Permitting Requirements Document (APRD).

Further to the mapping you've provided in your message to Amy, we will also need the following before we can circulate this with Petroleum Operations Section for their review and response:

1. Please fill out the information in Part 1 of the attached Petroleum Resources reporting template and re-submit this information back to the District Office. (Please refer to the Instructions for further details)
2. Shapefiles for all project components (or the outermost extent of the project footprint if design details are not ready to share). Petroleum Operations Section requires these shapefiles, as they will conduct an additional screening of the area for petroleum wells. They will ensure that Part 1 of the Engineers Report contains information on all wells that require consideration.
3. If it is discovered through your completion of Part 1, then Part 2 of the attached template will also need to be provided to Petroleum Operations Section and it will need to be completed and signed by a Professional Engineer.

We discussed this during the meeting in October, but in addition to petroleum resources, as per the APRD, renewable energy proponents are also required to submit a Species at Risk (SAR) Report. The SAR Report is intended to provide District Office Staff (SAR Biologists) with enough information to determine if ESA authorizations are required for SAR or SAR Habitat. Please ensure the SAR Report is provided to the District for review around the same time the Natural Heritage Assessment is submitted to Renewable Energy Operations Team (Amy, Jim, etc.) to avoid any potential delays in the approvals process.

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

Regards,

Heather

Heather Riddell

A/ Planning Ecologist, Renewable Energy

Ministry of Natural Resources

Aylmer District

615 John Street N

Aylmer, ON N5H 2S8

(p) 519-773-4723

(f) 519-773-9014

Email: heather.riddell@ontario.ca<<mailto:heather.riddell@ontario.ca>>

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

From: Cameron, Amy (MNR)

Sent: December 15, 2011 2:57 PM

To: Riddell, Heather (MNR); Sanders, Erin (MNR)

Cc: ldeveaux@ortech.ca<mailto:ldeveaux@ortech.ca>; Beal, Jim (MNR); Fleischhauer, Andrea (MNR)

Subject: FW: Silver Creek Project

Importance: High

Heather and Erin,

Leah Deveaux passed along this map that shows the information they found for petroleum records. Can you please work with Leah to complete this APRD requirement.

Thanks,

Amy Cameron

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

From: Leah Deveaux [mailto:LDeveaux@ortech.ca]<mailto:%5bmailto:LDeveaux@ortech.ca%5d>

Sent: December 15, 2011 2:43 PM

To: Cameron, Amy (MNR)

Subject: RE: Silver Creek Project

Hi Amy,

I think I have been lapsed in getting some items to you because we've had some technical changes going on with the mapping.

Anyway , I recall in our call we had discussed providing a map of oil and gas resources, I can't recall who that map was supposed to be sent to and can't find my notes. Anyway it is attached. If it should be provided elsewhere please let me know and I'll send it on.

Leah Deveau, BES

EA Specialist

ORTECH Consulting

804 Southdown Rd.

Mississauga, ON ; L5J 2Y4

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Leah Deveau

From: Christy Humphrey <chumphrey@nrsi.on.ca>
Sent: Monday, November 19, 2012 3:29 PM
To: Cameron, Amy (MNR)
Cc: Gryck, Emily (MNR); Beal, Jim (MNR); Andrew Ryckman; Leah Deveau
Subject: Silvercreek Solar Park - NHA Addendum
Attachments: NRSI_0983A_Silvercreek SP_NHA Addendum Memo_2012_11_19.docx; NRSI_0983_Fig1_LayoutComparison_4K_2012_11_12_KSR.pdf; Appendix I_NHA Confirmation_Silvercreek Solar_July 9 2012.pdf; Appendix II_Layout Submitted with the NHA_2012_11_16.pdf

Good Afternoon Amy,

As a result of the decision to switch the solar panel mounting system from a tracking model to a fixed-tilt model at the Silvercreek Solar Park, there have been some very minor revisions to the layout of the project which affect the distances from natural features to the project location. Please find attached a Draft memo outlining the changes including the distances to natural features as presented in the approved NHA and the new distances to natural features, as well as a map outlining changes to the project. Also attached are the appendices (NHA approval letter and the maps presented in the approved NHA).

The scope of the changes were very minor, and did not result in the inclusion of any new natural features within 120m of the project location. Please let me know if there is any further information we can provide or if MNR has any comments.

Thanks very much,

Christy

--

 **Christy Humphrey, B.E.S.**
Terrestrial & Wetland Biologist
Natural Resource Solutions Inc.
225 Labrador Drive, Unit 1
Waterloo, ON, N2K 4M8
(p) 519.725.2227
(f) 519.725.2575
(e) chumphrey@nrsi.on.ca
www.nrsi.on.ca

Memo

Project No. 0983A

To: Amy Cameron

From: Andrew Ryckman

Date: November 19, 2012

Re: Silvercreek Solar Park Natural Heritage Assessment Addendum

Natural Resource Solutions Inc. (NRSI) was retained in October 2009 by ORTECH Environmental, on behalf of Silvercreek Solar Park Inc., to conduct a natural heritage assessment in accordance with the Renewable Energy Approval (REA) Regulation (O. Reg. 359/09 of the Environmental Protection Act). This assessment included a records review, site investigation, evaluation of significance, and impact assessment of any potentially significant natural features at the proposed 10MW solar energy facility in Malahide Township, part of Elgin County, Ontario.

The proposed Silvercreek Solar Park is located approximately 7.5km south of the Town of Aylmer, Ontario and is proposed to consist of a total of 44 solar panel blocks forming 1 array, as well as supporting infrastructure and development activities. This includes access roads, inverters/transformers and electrical cabling, perimeter fencing, a 34.5 kV distribution line, a 115kV transmission line, and transformer substation. As identified in the REA Regulation, the proposed layout of these features is collectively referred to as the 'project location'. For the purposes of this memo, NRSI will refer to the areas within 120m of the project location as the 'project area'.

The records review, site investigation, evaluation of significance, and environmental impact study (EIS) for the Silvercreek Solar Park were completed by NRSI over the course of 2011/2012 as part of the Natural Heritage Assessment (NHA). The Silvercreek Solar Park NHA (NRSI 2012) confirmation was granted on July 9, 2012 by the Ministry of Natural Resources' Renewable Energy Operations Team. As part of this confirmation, some pre-construction commitments were identified, along with the commitment for the proponent to inform the MNR of any changes made to the project that would alter the NHA. This letter of confirmation is provided in Appendix I.

This document identifies and discusses minor layout changes that have been made to the Silvercreek Solar Park project location since receiving the NHA confirmation from the MNR, but before the ultimate REA submission to the MOE. The updated project layout addressed in this report is provided in Figure 1, which compares the updated project components to those presented in the NHA.

Staff Roles

The requirements of the REA process indicate that the name and qualifications of all staff participating in the NHA should be provided. This staffing information is provided in Silvercreek Solar Park NHA (NRSI 2012) and the qualifications and roles of key staff participating in the addendum to this project's NHA have been outlined below.

Andrew G. Ryckman, B.Sc.

Andrew is a Terrestrial and Wetland Biologist with 8 years of environmental experience. He routinely manages the natural heritage aspects of renewable energy projects, with specific expertise relating to bats and herpetofauna. Andrew is certified in Ecological Land Classification (2010), and has successfully completed a Bat Conservation International (BCI) Acoustic Monitoring Workshop (2008).

Andrew's role was to act as the project manager, overseeing all aspects of the Natural Heritage Assessment, including all associated field work and reporting. He was the main contact point for agency staff and assisted with the preparation of all corresponding reports including this addendum memo.

Christy Humphrey, B.E.S.

Christy is a Terrestrial and Wetland Biologist with more than 3 years of environmental consulting experience, working on a variety of projects tasks. Her areas of expertise are vegetation mapping and floral inventories, as well as acoustic bat monitoring, but she has experience conducting bird assessments, amphibian studies, and other fauna assessments. Christy is certified in both the ELC for Southern Ontario (2010) and Northeastern ELC (2010), as well as the OMNR Wetland Evaluation System (2012). She has also participated in the Ontario MNR Bat Monitoring Workshop for Wind Power Projects (2010) and has received training in Eastern Bat Acoustic Field Techniques (Bat Conservation and Management Inc. 2012).

Christy assisted in coordinating the field work for the project and was the primary author of the NHA. Christy reviewed changes to the Silvercreek Solar Park's layout and is the primary author of this addendum memo.

Katie Roth, B.A., GIS-AS

Katie graduated from the University of Guelph with a B.A. in Geography and a minor in GIS and Environmental Analysis. Emphasis for this program was on the physical and environmental forces of the earth including utilizing remote sensing and applied GIS. Katie has also graduated from Fleming College from the geographic information systems, applications specialist program. This post-graduate program allowed for the use of high-end technology and tools to collect, store, manipulate, analyze, interpret and communicate geographic information within a variety of disciplines. As a GIS Analyst, Katie often maps natural features, vegetation communities and aquatic habitats, terrestrial monitoring locations, constraints, and proposed project layouts.

Katie's role for this addendum was as GIS technician. She reviewed and integrated available information to generate the mapping for this addendum memo.

Overview of Project Changes

In the time since MNR confirmation was received for the Silvercreek Solar Park's NHA, a few minor changes have been made to this project's layout, resulting in adjustments to the NHA. The types of changes made and addressed in this memo include:

- Distances from project components to natural features
- Access road layout modifications in the solar park area
- Solar panel mounting system and layout
- Perimeter fence, inverter, and underground cabling layout modifications to accommodate changes in solar panel layout
- Removal of the temporary laydown area at the solar park

The changes to the Silvercreek Solar Park project layout are very minor, with minimal changes to the overall project area. These changes are outlined and discussed in Tables 1 and 2. Figure 1 provides a visual overlay of the differences between the NHA submission layout and the layout presented in this addendum. The Silvercreek Solar Park project layout presented in the original NHA submission is provided for reference in Appendix II.

Table 1. Summary of the Changes to the Silvercreek Solar Park Layout

Project Component	Location	Description/ Rationale of Change	Changes in Distance to Natural Features or New Natural Features Within 120m	Reference Figure(s)
Solar Panel	Solar Park Area	The solar panel mounting system being used for this project has changed from a tracking model to a fixed-tilt model. Solar panel layout has changed slightly as a result.	The change in solar panel arrangement results in solar panels being closer to VAL-001 and CAAP-001, however, this is not the closest project component to these features. Solar panels are now further from WOD-011, WOD-040, and WET-004. No new natural features are included in the project area as a result of this change.	1
Perimeter Fence	Solar Park Area	The perimeter fence has shifted slightly to accommodate the change in solar panel layout.	This change in footprint shape does not result in the perimeter fence being closer to or further from any natural features. No new natural features are included in the project area as a result of this change.	1
Access Road	Solar Park Area	The access road layout has been modified to accommodate requests from the Municipality.	This adjustment results in small changes in the distances between the project location and natural features. It is now slightly closer to WOD-040, however, this is not the closest project component to this feature. The access road is now also further from CAAP-001. No new features or habitats are included in the project area as a result of this change.	1
Inverters	Solar Park Area	The locations of inverters have shifted slightly to accommodate the change in solar panel type and layout.	This adjustment results in small changes in the distances between the project location and natural features. Inverters are now closer to VAL-001 and CAAP-001, however, they are not the closest project component to these features. Inverters are now also further from WOD-011. No	1

			new natural features are included in the project area as a result of this change.	
Underground Cabling	Solar Park Area	The arrangement of underground cabling within the solar park area has shifted slightly to accommodate the change in solar panel layout.	This adjustment results in small changes in the distances between the project location and natural features. Underground cabling is now closer to CAAP-001, however it is not the closest project component to this natural feature. Underground cabling is now also further from WOD-011. No new natural features are included in the project area as a result of this change.	1
Laydown Area	Solar Park Area	The laydown area for construction within the solar park area has been removed.	This adjustment results in no changes in the distances between the project location and natural features. Previously, the perimeter fence was closer to natural features than the laydown area, and this will still be the case with the laydown area removed. No new natural features are included in the project area as a result of this change.	1

Amendments to the Records Review

The study area initially examined for the Silvercreek Solar Park Records Review Report extended beyond the previously proposed project area to help compensate for any later changes in the project's layout. Upon review of the changes to the project's layout, all project areas of the current layout were previously studied and included with the Records Review submission to the MNR. Thus, there are no new habitats of seasonal concentrations of animals, rare vegetation communities or specialized habitats for wildlife, species of conservation concern, or other natural features that need to be amended in the NHA.

Amendments to the Site Investigation

By reviewing the changes made to the Silvercreek Solar Park layout since its NHA confirmation, it has been verified that these alterations have only led to minor changes in distances between project components and natural features. These changes have not resulted in any new features being included in the project area. Since there are no new features that need to be studied, it has been determined that further site investigation is unnecessary.

Given the changes in project location, described and mapped above, NRSI has identified that there are several instances where the project location is now closer to or further from a natural feature that had been identified as being within 120m of the project location. Each of these specific instances has been outlined below (Table 2), including feature identification number, feature type, and comparison of distances from project location to natural feature between the presented layouts.

In addition, NRSI biologists have also reviewed the potential for additional generalized candidate wildlife habitat that may be present within 120m of the updated project location. Due to the very small changes in the distances between project components and natural features, no addendums to generalized habitats were identified.

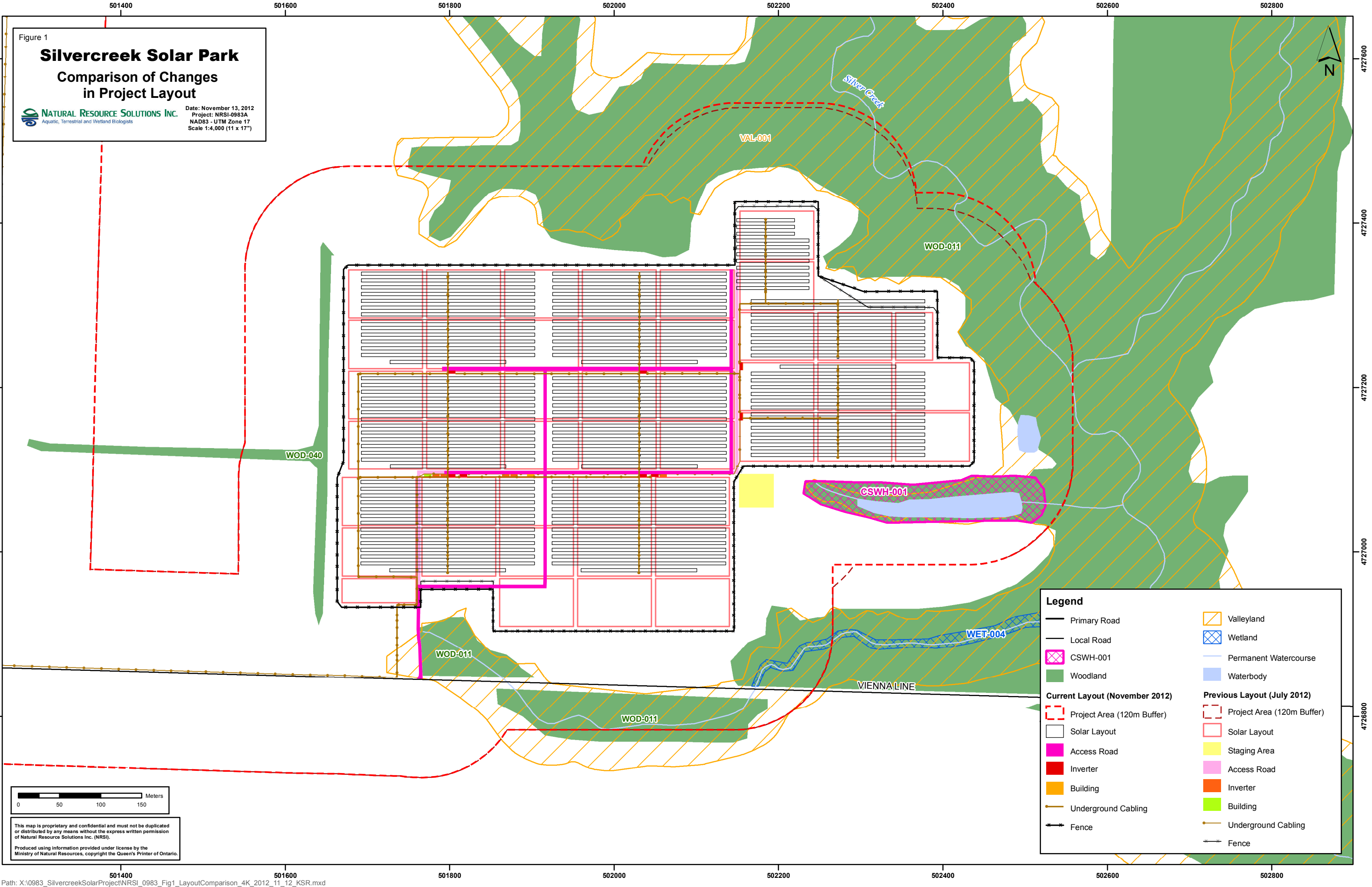
Table 2. Summary of the Updated Distances between Project Components and Natural Features in the Silvercreek Solar Park Project Area

Feature ID	Feature Type	Distances Presented in NHA Submission (m)	New Layout Distances (m)	Project Location Closer to Natural Feature (Y/N)	Amendment to the EOS and/or EIS Required? (Y/N)
WOD-011	Woodland	SP – 14 AR – >0.1 UL – 12 OL – >120 BU – 108 BO – 5	SP – 16 AR – >0.1 UL – 20 OL – >120 BU – >120 BO – 5	No	No - EOS completed with NHA. Distances did not change enough to warrant amendment to the EIS.
WOD-040	Woodland	SP – 35 AR – >120 UL – 39 OL – >120 BU – >120 BO – 12	SP – 41 AR – 114 UL – 39 OL – >120 BU – >120 BO – 12	No	No - EOS completed with NHA. Distances did not change enough to warrant amendment to the EIS.
WET-004	Wetland	SP – 79 AR – >120 UL – >120 OL – >120 BU – >120 BO – 51	SP – >120 AR – >120 UL – >120 OL – >120 BU – >120 BO – 51	No	No - EOS completed with NHA. Distances did not change enough to warrant amendment to the EIS.
VAL-001	Valleyland	SP – 67 AR – overlapping UL – overlapping OL – >120 BU – 115 BO – 9	SP – 20 AR – overlapping UL – overlapping OL – >120 BU – 109 BO – 9	No	No - EOS completed with NHA. Distances did not change enough to warrant amendment to the EIS.
CAAP-001 (Mapped as CSWH-001)	Appalachian Sedge Habitat	SP – 32 AR – 40 UL – >120 OL – >120 BU – >120 BO – 12	SP – 30 AR – 88 UL – 29 OL – >120 BU – 108 BO – 12	No	No - EOS completed with NHA. Distances to components with an operational effect (Access Road) and to project location did not change enough to warrant amendment to the EIS.

Legend

SP: Solar Panel
AR: Access Road
UL: Underground Line
OL: Overhead Line
BU: Building or Inverter
BO: Construction Activity or Balance of Operations

EOS: Evaluation of Significance
EIS: Environmental Impact Study



Amendments to the Evaluation of Significance

As part of this addendum, NRSI biologists have reviewed the potential for changes to the Evaluation of Significance phase of this project. After examining the changes in distances between project components and natural features, it has been determined that there are no new natural features or wildlife habitats that potentially exist within 120m of the project location that were not previously studied and discussed in the approved NHA. Therefore, no additional features require evaluation of significance.

No additional Evaluation of Significance is required for the Silvercreek Solar Park as a result of these minor modifications.

Amendments to the Environmental Impact Study

As part of the Silvercreek Solar Park NHA addendum preparation, construction plans were reviewed and the changes to the presented project location have been summarized above. These proposed changes include minor modifications to several aspects of the project layout, including access roads, solar panels, perimeter fence, inverter, and underground cabling layouts, as well as removal of a laydown area. Although very minor adjustments have been noted, the construction details as presented in the original Natural Heritage Environmental Impact Study (i.e. site preparation and servicing, construction, operation, decommissioning, and approach to impact assessment) still provide relevant information pertaining to the type, extent, duration, and details of the proposed construction activities associated with the Silvercreek Solar Park.

For the purposes of this addendum, NRSI has reviewed three separate aspects relating to the potential for changes to the EIS, as follows:

- Changes to Mitigation Measures (i.e. project location now closer to natural features)
- New Mitigation Measures (i.e. project location within 120m of a new feature)
- Changes to Monitoring Requirements

Changes to Mitigation Measures

NRSI biologists have reviewed the changes in project location, including the distances of the project location to the significant natural features, and have determined that the mitigation measures presented in the Natural Heritage Environmental Impact Study (NRSI 2012) are still suitable for the protection of the significant natural features from permanent and adverse impacts that may result from the development of the Silvercreek Solar Park.

Some access roads, underground cabling, and inverters have been added to the project layout. However, these components are all contained within the existing planned solar park area and result in very minor changes in distances to project location. Mitigation included in the EIS will cover these additional construction activities within the solar park area.

New Mitigation Measures

It was concluded that there are no additional significant natural features within the project area; therefore, no new mitigation measures need to be implemented for this project.

Changes to Monitoring Requirements

Based on the minor changes in project location, NRSI has determined that the monitoring requirements identified in the Natural Heritage Environmental Impact Study are suitable for the monitoring of potential environmental effects of the proposed Silvercreek Solar Park as described in this addendum.

Summary of Natural Heritage Addendum

In accordance with the REA Regulation, NRSI biologists have completed a comprehensive records review, site investigation, evaluation of significance, and EIS of the Silvercreek Solar Park project area (NRSI 2012). Following the review of proposed adjustments to the project location (as discussed above), NRSI has re-considered all aspects of the Natural Heritage Assessment within this memo to determine if there are new natural features, changes in distances to project location, or new mitigation measures or monitoring commitments required to ensure that potential permanent or adverse environmental impacts are mitigated or studied appropriately. The summary of the result of this review of changes to the project location is summarized in Table 3 below.

Table 3. Summary of Natural Heritage Addendum for the Silvercreek Solar Park

Addendum Changes	Addendum Result
Significant Features	NRSI has not identified any additional significant natural features or wildlife habitats within the project area. No previously identified significant natural features have been removed from the project area.
Changes in Distances to Project Location	<p>The distances from the project location to candidate and significant natural features and wildlife habitats have changed due to minor adjustments to the project layout. These changes in distances to project location are associated with a total of 5 significant natural features.</p> <p>Changes in distances from the project location to significant natural features are shown in Table 2 of this memo.</p>
Mitigation Measures	Based on the minor adjustments of the project location, NRSI biologists have identified no additional significant features within 120m of the project location that require mitigation measures to be applied. All other mitigation measures, as outlined in the Natural Heritage Environmental Impact Study (NRSI 2012) will provide the appropriate protection to significant natural features to ensure any potential permanent and adverse impacts are mitigated.
Monitoring Commitments	NRSI has identified that, based on the minor shifts in project location, the monitoring commitments outlined in the Natural Heritage Environmental Impact Study (NRSI 2012) are still appropriate to monitor any potentially adverse impacts of this project.

With this addendum, it is maintained that with the implementation of the planned mitigation measures, monitoring programs, and contingency plans as presented in the Silvercreek Solar Park: Natural Heritage Environmental Impact Study (NRSI 2012), along with any additional mitigation measures and monitoring commitments provided above, there is unlikely to be any significant impacts to natural heritage features, including woodlands, wetlands, valleylands, or significant wildlife habitat.

References

Natural Resource Solutions Inc. (NRSI). 2012. Silvercreek Solar Park Natural Heritage Assessment. July 2012.

Appendix I

Silvercreek Solar Park NHA Letter of Confirmation

July 9, 2012

Silvercreek Solar Park Inc.
49588 Vienna Line
Aylmer, ON
N5H 2R2

RE: NHA Confirmation for Silvercreek Solar Park

Dear Dave Moerman:

In accordance with the Ministry of the Environment's (MOE's) Renewable Energy Approvals (REA) Regulation (O.Reg.359/09), the Ministry of Natural Resources (MNR) has reviewed the Silvercreek Solar Park Natural Heritage Assessment and Environmental Impact Study for the Silvercreek Solar Park near Aylmer submitted by Silvercreek Solar Park Inc. in July 2012.

In accordance with Section 28(2) and 38(2)(b) of the REA regulation, MNR provides the following confirmations following review of the natural heritage assessment:

1. The MNR confirms that the determination of the existence of natural features and the boundaries of natural features was made using applicable evaluation criteria or procedures established or accepted by MNR.
2. The MNR confirms that the site investigation and records review were conducted using applicable evaluation criteria or procedures established or accepted by MNR, if no natural features were identified.
3. The MNR confirms that the evaluation of the significance or provincial significance of the natural features was conducted using applicable evaluation criteria or procedures established or accepted by MNR.
4. The MNR confirms that the project location is not in a provincial park or conservation reserve.
5. The MNR confirms that the environmental impact study report has been prepared in accordance with procedures established by the MNR.

In accordance with Section 28(3)(c) and 38(2)(c), MNR also offers the following comments in respect of the project.

Preconstruction Monitoring

In accordance with Appendix D of MNR's NHA Guide, a commitment has been made to complete pre-construction assessment(s) of habitat use for the following candidate significant wildlife habitats: Species of Conservation Concern – Appalachian Sedge. MNR has reviewed and confirmed the assessment methods and the range of mitigative options. Pending completion of the assessments and determination of significance, the appropriate mitigation is expected to be implemented, as committed to in the environmental impact study.

Post-Construction Monitoring

If the Appalachian Sedge candidate Significant Wildlife Habitat (CAAP-001) is deemed significant through pre-construction surveys, a commitment has been made in the Environmental Effects Monitoring Plan, part of the Design and Operations Report, to conduct post-construction monitoring and if determined necessary, implement mitigation measures.

This confirmation letter is valid for the project as proposed in the natural heritage assessment and environmental impact study, including those sections describing the Environmental Effects Monitoring Plan and Construction Plan Report. Should any changes be made to the proposed project that would alter the NHA, MNR may need to undertake additional review of the NHA.

Where specific commitments have been made by the applicant in the NHA/EIS with respect to project design, construction, rehabilitation, operation, mitigation, or monitoring, MNR expects that these commitments will be considered in MOE's Renewable Energy Approval decision and, if approved, be implemented by the applicant.

In accordance with S.12 (1) of the Renewable Energy Approvals Regulation, this letter must be included as part of your application submitted to the MOE for a Renewable Energy Approval.

Please be aware that your project may be subject to additional legislative approvals as outlined in the Ministry of Natural Resources' *Approvals and Permitting Requirements Document*. These approvals are required prior to the construction of your renewable energy facility.

If you wish to discuss any part of this confirmation or additional comments provided, please contact Amy Cameron at amy.cameron@ontario.ca or 705-875-7481.

Sincerely,



Amy Cameron
Coordinator
Renewable Energy Operations Team
Southern Region MNR

cc Emily Gryck, Renewable Energy Operations Team, Project Manager, MNR
Erin Cotnam, Renewable Energy Operations Team, Project Manager, MNR
Mitch Wilson, District Manager, Aylmer District, MNR
Narren Santos, Environmental Approvals Branch, MOE
Zeljko Romic, Environmental Approvals Branch, MOE
Leah Deveaux, Environmental Assessment Specialist, ORTECH Consulting

Appendix II

Silvercreek Solar Park Layout Submitted with NHA

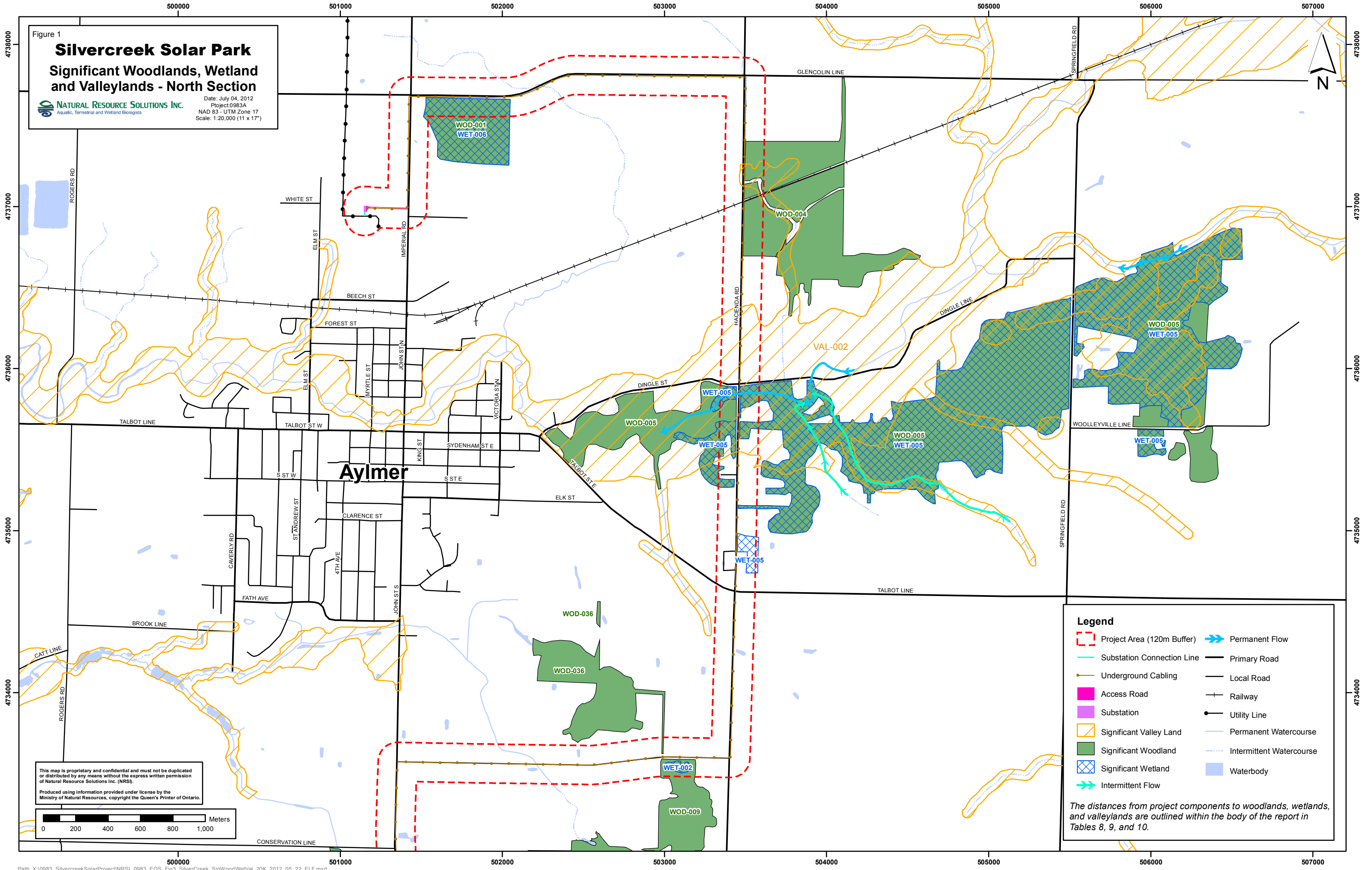


Figure 1

Silvercreek Solar Park

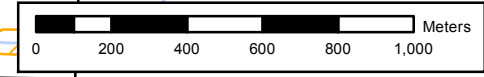
Significant Woodlands, Wetland and Valleylands - North Section

**NATURAL RESOURCE SOLUTIONS INC.**
Aquatic, Terrestrial and Wetland Biologists

Date: July 04, 2012
Project: 0983A
NAD 83 - UTM Zone 17
Scale: 1:20,000 (11 x 17")

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Legend

Project Area (120m Buffer)	Permanent Flow
Substation Connection Line	Primary Road
Underground Cabling	Local Road
Access Road	Railway
Substation	Utility Line
Significant Valley Land	Permanent Watercourse
Significant Woodland	Intermittent Watercourse
Significant Wetland	Waterbody
Intermittent Flow	

The distances from project components to woodlands, wetlands, and valleylands are outlined within the body of the report in Tables 8, 9, and 10.

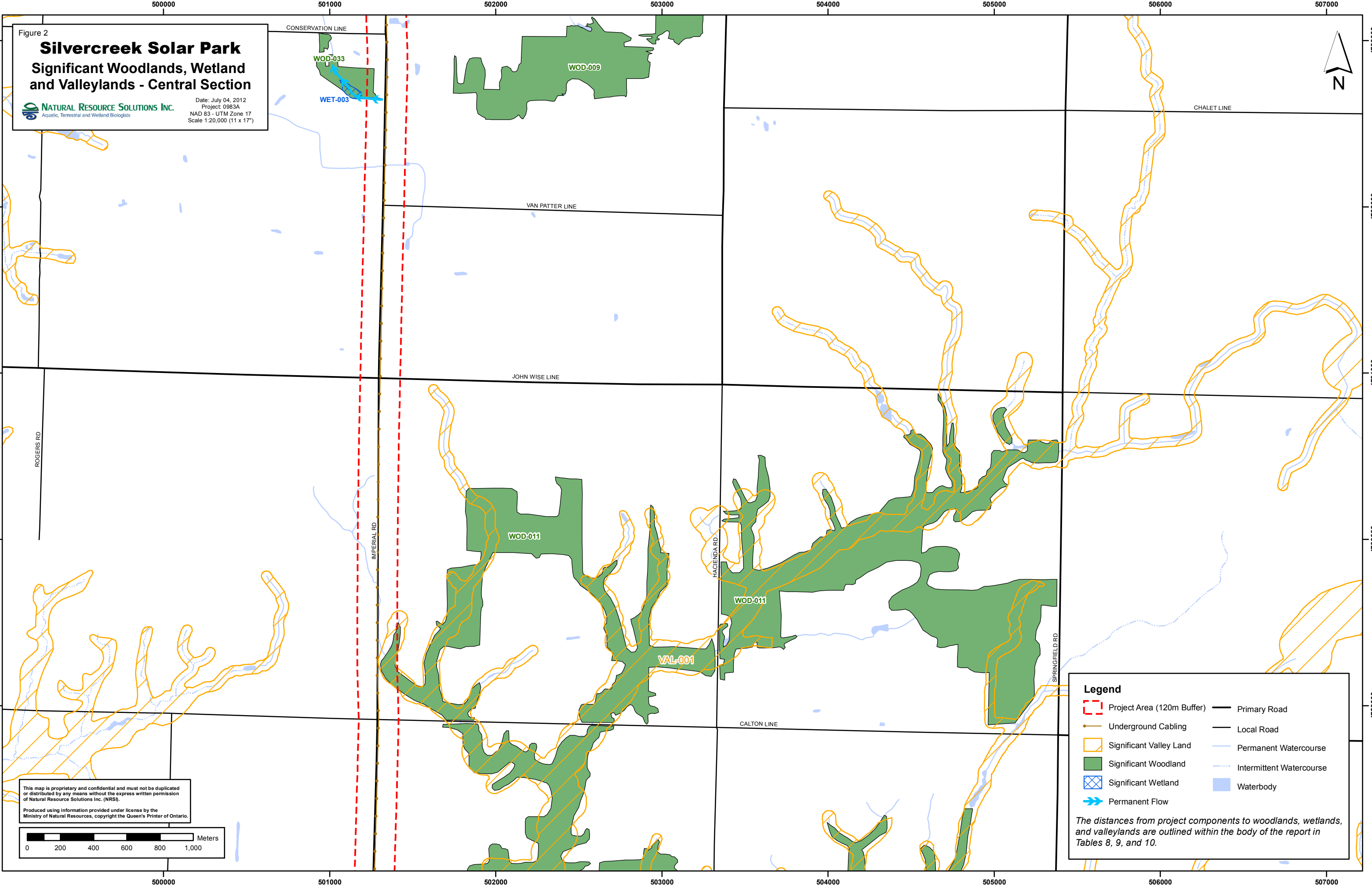


Figure 2

Silvercreek Solar Park

Significant Woodlands, Wetland and Valleylands - Central Section



NATURAL RESOURCE SOLUTIONS INC.
Aquatic, Terrestrial and Wetland Biologists

Date: July 04, 2012
Project: 0983A
NAD 83 - UTM Zone 17
Scale 1:20,000 (11 x 17")

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0

200

400

600

800

1,000

Meters

Legend

Project Area (120m Buffer)	Primary Road
Underground Cabling	Local Road
Significant Valley Land	Permanent Watercourse
Significant Woodland	Intermittent Watercourse
Significant Wetland	Waterbody
Permanent Flow	

The distances from project components to woodlands, wetlands, and valleylands are outlined within the body of the report in Tables 8, 9, and 10.

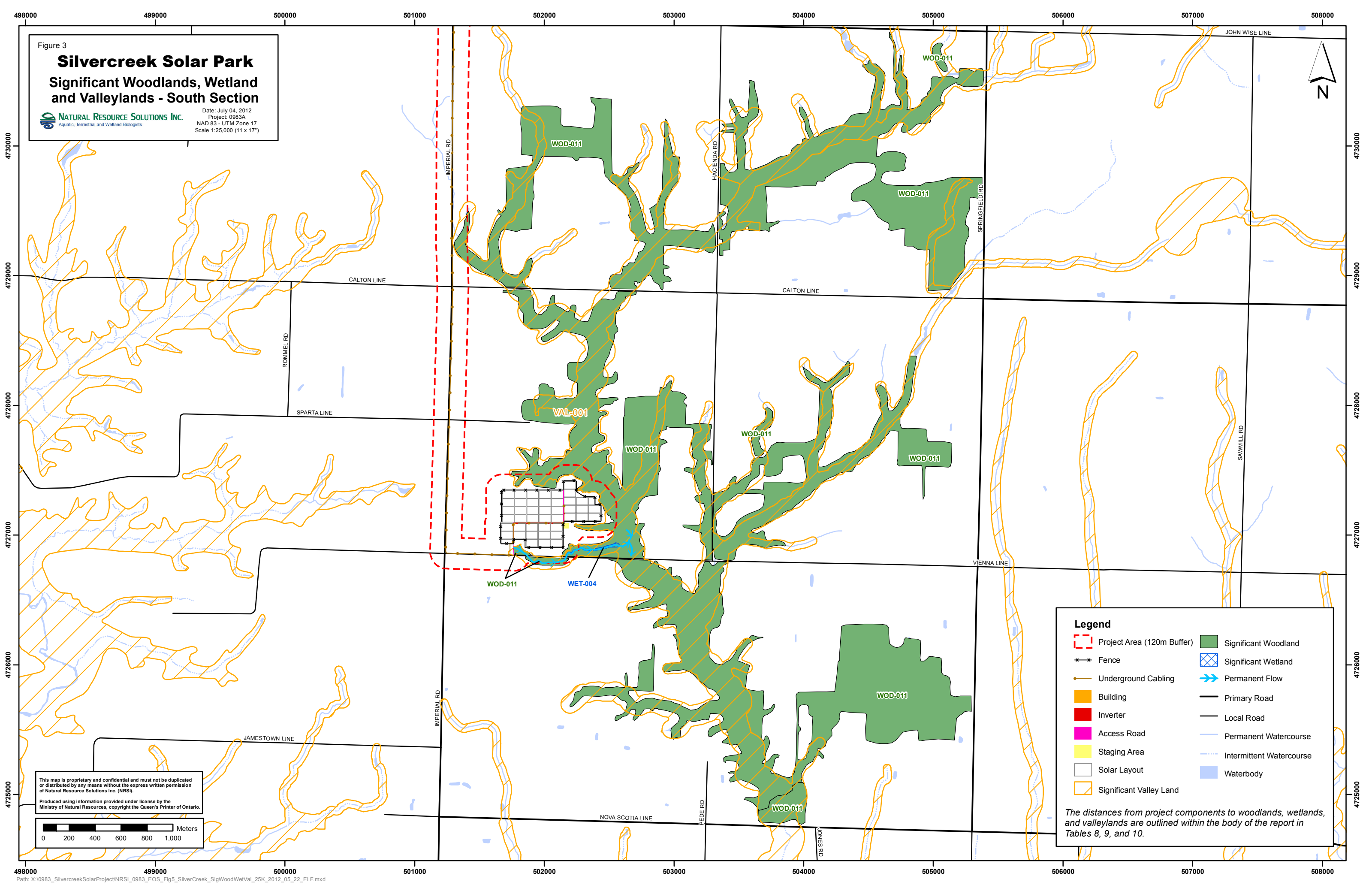


Figure 3

Silvercreek Solar Park

Significant Woodlands, Wetland and Valleylands - South Section

Date: July 04, 2012
Project: 0983A
NAD 83 - UTM Zone 17
Scale 1:25,000 (11 x 17")

NATURAL RESOURCE SOLUTIONS INC.
Aquatic, Terrestrial and Wetland Biologists

Legend

Project Area (120m Buffer)

Fence

Underground Cabling

Building

Inverter

Access Road

Staging Area

Solar Layout

Significant Valley Land

Significant Woodland

Significant Wetland

Permanent Flow

Primary Road

Local Road

Permanent Watercourse

Intermittent Watercourse

Waterbody

The distances from project components to woodlands, wetlands, and valleylands are outlined within the body of the report in Tables 8, 9, and 10.

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Meters

0 200 400 600 800 1,000

Figure 4

Silvercreek Solar Park












Candidate Significant Wildlife Habitats - North Section

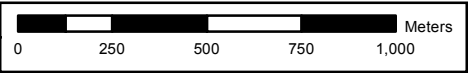
**NATURAL RESOURCE SOLUTIONS INC.**
Aquatic, Terrestrial and Wetland Biologists

Date: July 04, 2012
Project: 0983A
NAD 83 - UTM Zone 17
Scale 1:20,000 (11 x 17")



Legend

-  Project Area (120m Buffer)
-  Substation
-  Access Road
-  Substation Connection Line
-  Underground Cabling
-  Primary Road
-  Local Road
-  Permanent Watercourse
-  Intermittent Watercourse
-  Waterbody
-  Generalized Candidate Significant Wildlife Habitat



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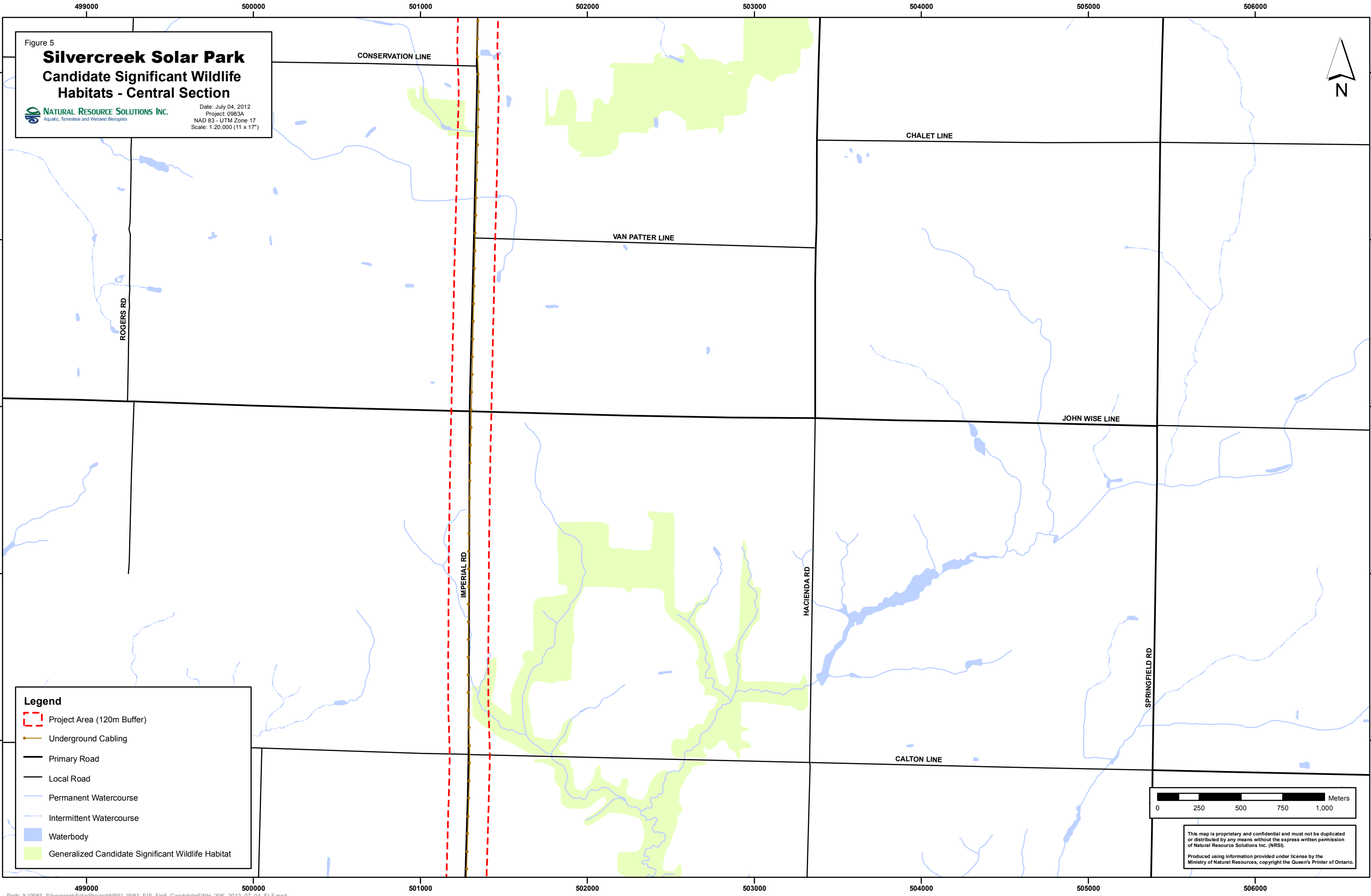








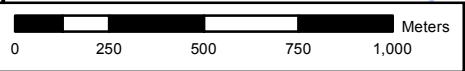
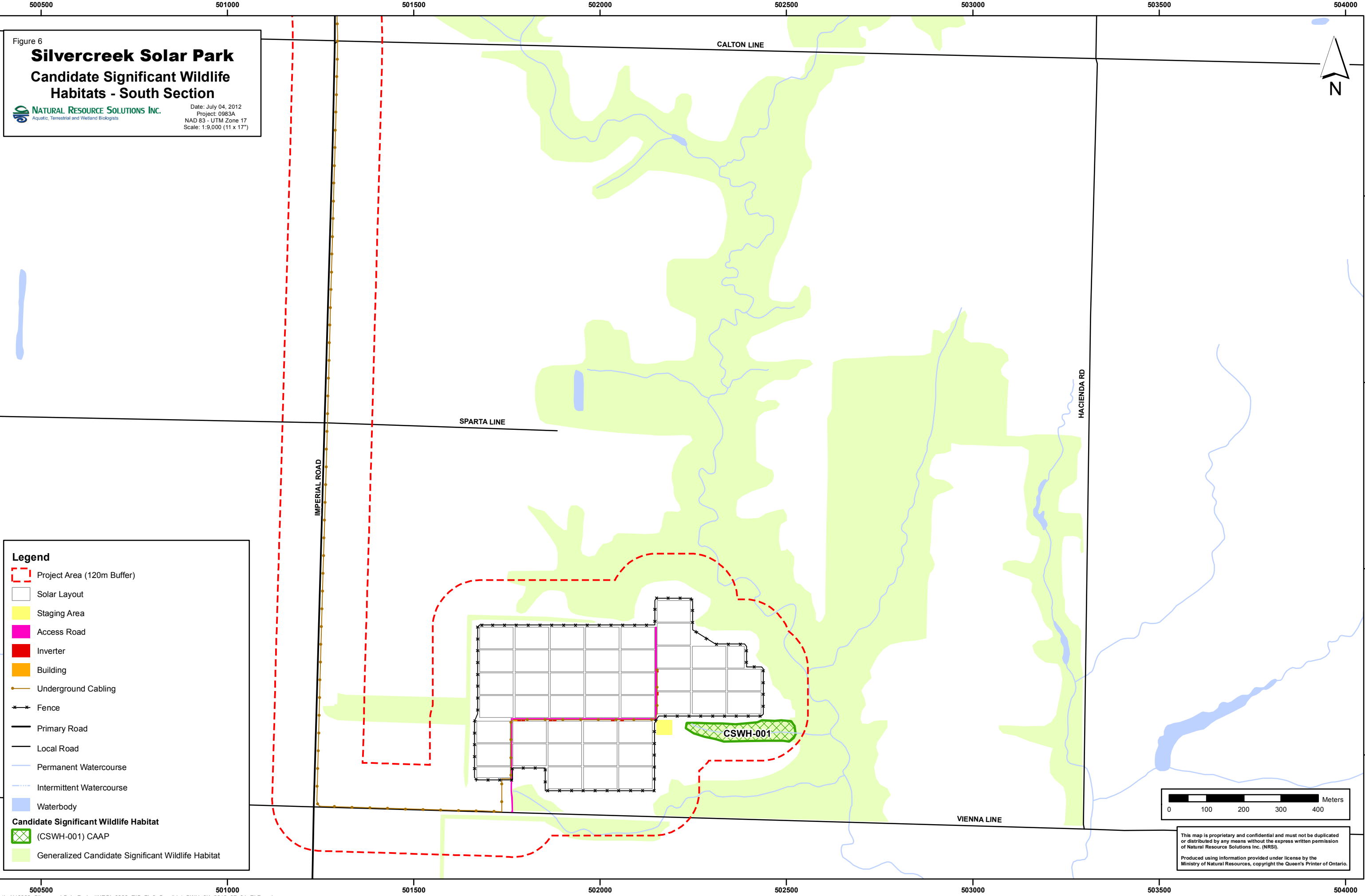


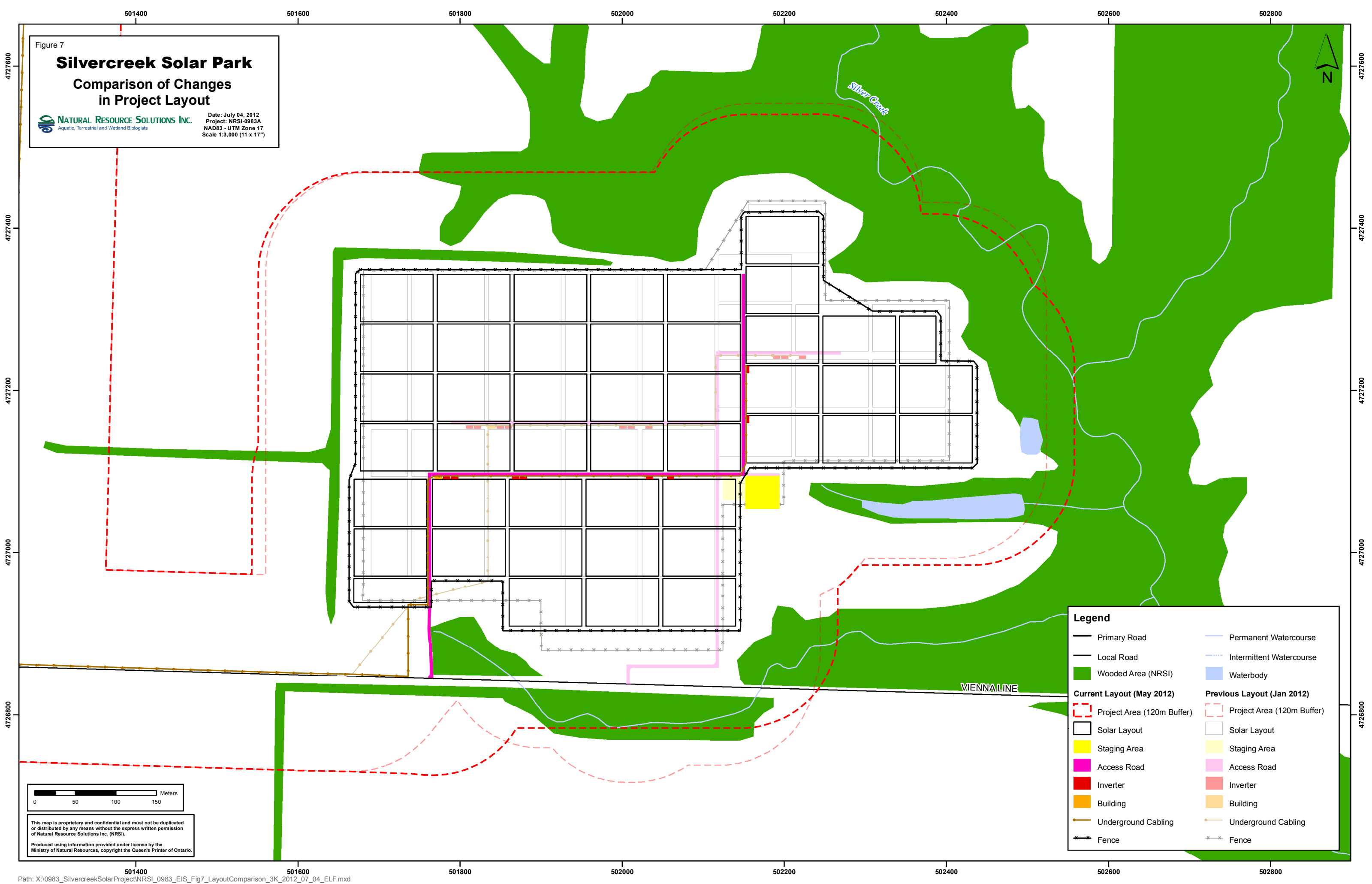
Figure 5
Silvercreek Solar Park
Candidate Significant Wildlife
Habitats - Central Section
 **NATURAL RESOURCE SOLUTIONS INC.**
Aquatic, Terrestrial and Wetland Biologists
Date: July 04, 2012
Project: 0983A
NAD 83 - UTM Zone 17
Scale: 1:20,000 (11 x 17'')

- Legend**
-  Project Area (120m Buffer)
 -  Underground Cabling
 -  Primary Road
 -  Local Road
 -  Permanent Watercourse
 -  Intermittent Watercourse
 -  Waterbody
 -  Generalized Candidate Significant Wildlife Habitat



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Leah Deveau

From: Christy Humphrey <chumphrey@nrsi.on.ca>
Sent: Tuesday, November 20, 2012 9:05 AM
To: Cameron, Amy (MNR)
Cc: Gryck, Emily (MNR); Beal, Jim (MNR); Andrew Ryckman; Leah Deveau
Subject: Silvercreek Solar Park - NHA Addendum
Attachments: NRSI_0983A_Silvercreek SP_NHA Addendum Memo_2012_11_19.docx; NRSI_0983_Fig1_LayoutComparison_4K_2012_11_12_KSR.pdf; Appendix I_NHA Confirmation_Silvercreek Solar_July 9 2012.pdf; Appendix II_Layout Submitted with the NHA_2012_11_16.pdf

Hello,

I am resending this as I was informed that delivery of the mail was delayed to the @ontario.ca recipients. Please let me know when you have received this email.

Regards,

Christy

 **Christy Humphrey, B.E.S.**
Terrestrial & Wetland Biologist
Natural Resource Solutions Inc.
225 Labrador Drive, Unit 1
Waterloo, ON, N2K 4M8
(p) 519.725.2227
(f) 519.725.2575
(e) chumphrey@nrsi.on.ca
www.nrsi.on.ca

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

Subject: Silvercreek Solar Park - NHA Addendum

Date: Mon, 19 Nov 2012 15:29:00 -0500

From: Christy Humphrey <chumphrey@nrsi.on.ca>

To: Cameron, Amy (MNR) <Amy.Cameron@ontario.ca>

CC: Gryck, Emily (MNR) <emily.gryck@ontario.ca>, Beal, Jim (MNR) <jim.beal@ontario.ca>, Andrew Ryckman <aryckman@nrsi.on.ca>, Leah Deveau <LDeveau@ortech.ca>

Good Afternoon Amy,

As a result of the decision to switch the solar panel mounting system from a tracking model to a fixed-tilt model at the Silvercreek Solar Park, there have been some very minor revisions to the layout of the project which affect the distances from natural features to the project location. Please find attached a Draft memo outlining the changes including the distances to natural features as presented in the approved NHA and the new distances to natural features, as well as a map outlining changes to the project. Also attached are the appendices (NHA approval letter and the maps presented in the approved NHA).

The scope of the changes were very minor, and did not result in the inclusion of any new natural features within

120m of the project location. Please let me know if there is any further information we can provide or if MNR has any comments.

Thanks very much,

Christy

--



Christy Humphrey, B.E.S.
Terrestrial & Wetland Biologist
Natural Resource Solutions Inc.
225 Labrador Drive, Unit 1
Waterloo, ON, N2K 4M8
(p) 519.725.2227
(f) 519.725.2575
(e) chumphrey@nrsl.on.ca
www.nrsl.on.ca

Leah Deveaux

From: Cameron, Amy (MNR) <Amy.Cameron@ontario.ca>
Sent: Tuesday, November 20, 2012 5:54 PM
To: Christy Humphrey
Cc: Gryck, Emily (MNR); Beal, Jim (MNR); Andrew Ryckman; Leah Deveaux
Subject: RE: Silvercreek Solar Park - NHA Addendum
Attachments: NRSI_ESignature_CH_23mar2010_Thunderbird.jpg

Importance: High

Thank you for your submission Christy.

I have reviewed the addendum request and have no concerns. An NHA re-confirmation letter will be sent to you tomorrow.

Amy

From: Christy Humphrey [chumphrey@nrsi.on.ca]
Sent: November 19, 2012 3:29 PM
To: Cameron, Amy (MNR)
Cc: Gryck, Emily (MNR); Beal, Jim (MNR); Andrew Ryckman; Leah Deveaux
Subject: Silvercreek Solar Park - NHA Addendum

Good Afternoon Amy,

As a result of the decision to switch the solar panel mounting system from a tracking model to a fixed-tilt model at the Silvercreek Solar Park, there have been some very minor revisions to the layout of the project which affect the distances from natural features to the project location. Please find attached a Draft memo outlining the changes including the distances to natural features as presented in the approved NHA and the new distances to natural features, as well as a map outlining changes to the project. Also attached are the appendices (NHA approval letter and the maps presented in the approved NHA).

The scope of the changes were very minor, and did not result in the inclusion of any new natural features within 120m of the project location. Please let me know if there is any further information we can provide or if MNR has any comments.

Thanks very much,

Christy

--

[cid:part1.00000202.09010304@nrsi.on.ca]

Leah Deveaux

From: Cameron, Amy (MNR) <Amy.Cameron@ontario.ca>
Sent: Tuesday, November 20, 2012 7:53 PM
To: info@silvercreeksolar.com
Cc: Wilson, Mitch (MNR); Andrew Ryckman; chumphrey@nrso.on.ca; Leah Deveaux; Cotnam, Erin (MNR); Gryck, Emily (MNR); Beal, Jim (MNR); Santos, Narren (ENE); Romic, Zeljko (ENE)
Subject: Silvercreek Solar NHA re-confirmation
Attachments: SilverCreek_NHARE-confirmation_Nov20,2012.pdf
Importance: High

Dave,

Please find the NHA re-confirmation letter for the Silvercreek Solar Park.

Thanks,

Amy

**Ministry of
Natural Resources**

Renewable Energy Operations Team
300 Water Street
4th Floor, South Tower
Peterborough, Ontario K9J 8M5

**Ministère des
Richesses naturelles**



November 20, 2012

Silvercreek Solar Park Inc.
49588 Vienna Line
Aylmer, ON
N5H 2R2

RE: Modifications to Silvercreek Solar Park Project Location

Dear Mr. Dave Moerman,

The Ministry of Natural Resources (MNR) has received the document dated November 20, 2012 that describes modifications to the Silvercreek Solar Park project location made subsequent to MNR's letter confirming the Natural Heritage Assessment in respect of the project.

Upon review of the modifications, MNR is satisfied that the Natural Heritage Assessment requirements of Ontario Regulation 359/09 have been met. Please add this letter as an addendum to the confirmation letter issued July 9, 2012 for the Silvercreek Solar Park project.

If you wish to discuss, please contact me at amy.cameron@ontario.ca or 705-875-7481.

Sincerely,

A handwritten signature in blue ink that reads "Amy Cameron".

Amy Cameron
Coordinator
Renewable Energy Operations Team
Southern Region MNR

cc Emily Gryck, Renewable Energy Operations Team, Project Manager, MNR
 Erin Cotnam, Renewable Energy Operations Team, Project Manager, MNR
 Mitch Wilson, Aylmer District Manager, MNR
 Narren Santos, Environmental Approvals Access & Service Integration Branch, MOE
 Zeljko Romic, Environmental Approvals Access & Service Integration Branch, MOE

Leah Deveau

From: Leah Deveau <LDeveau@ortech.ca>
Sent: Wednesday, November 21, 2012 12:18 PM
To: Cameron, Amy (MNR); info@silvercreeksolar.com
Cc: Wilson, Mitch (MNR); Andrew Ryckman; chumphrey@nr.si.on.ca; Cotnam, Erin (MNR); Gryck, Emily (MNR); Beal, Jim (MNR); Santos, Narren (ENE); Romic, Zeljko (ENE)
Subject: RE: Silvercreek Solar NHA re-confirmation

Amy,
Thanks very much for your speedy reply.

Leah Deveau, BES
EA Specialist
Tel: (905) 822-4120 ext. 305
www.ortech.ca

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

From: Cameron, Amy (MNR) [<mailto:Amy.Cameron@ontario.ca>]
Sent: Tuesday, November 20, 2012 7:53 PM
To: info@silvercreeksolar.com
Cc: Wilson, Mitch (MNR); Andrew Ryckman; chumphrey@nr.si.on.ca; Leah Deveau; Cotnam, Erin (MNR); Gryck, Emily (MNR); Beal, Jim (MNR); Santos, Narren (ENE); Romic, Zeljko (ENE)
Subject: Silvercreek Solar NHA re-confirmation
Importance: High

Dave,

Please find the NHA re-confirmation letter for the Silvercreek Solar Park.

Thanks,

Amy