Aboriginal Community Consultation



NEEGAN BURNSIDE

Appendix H1
Aboriginal Community Consultation
Draft Project Description Report to
MOECC and MNR

Whitesand First Nation Cogeneration and Pellet Mill Project - Draft Project Description Report

Chris Shilton to: Doris.Dumais, Narren.Santos, Mohsen.Keyvani, melissa.mauro

06/18/2013 12:33 PM

Cc: ctoset, chris, lorianne.sinoway, "Tiina Ahokas", Lyle Parsons

Good Afternoon All,

Further to our pre-consultation meeting on May 29, 2013 and for your review, please see the attached Draft Project Description Report for the Whitesand First Nation Cogeneration and Pellet Mill Project . As discussed in our meeting, the MOE and MNR contacts in this e-mail will circulate the report to the appropriate people for their review.

The intent of the Draft Project Description Report at this stage is to obtain an aboriginal consultation list from MOE, and identify the necessary permitting requirements for the project with MOE and MNR.

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

We look forward to working with you on this Project.

Sincerely,

Chris Shilton



030895_Project_Description_Report.pdf

NEEGAN BURNSIDE

Appendix H2
Aboriginal Community Consultation
Draft Project Description Report to
Whitesand First Nation



Transmittal

Date: July 18, 2013 **File No.:** 300030895

Re: Whitesand First Nation Cogeneration and Pellet Mill Project

To Attention: Craig Toset

Company: Whitesand First Nation Address: Band Office

Lot 4A, Whitesand Road, Whitesand First Nation

PO Box 68, Armstrong, ON POT 1A0

From Name: Tricia Radburn, Neegan Burnside

Sent Via: Registered Mail

Enclosed items:

1 copy of the Project Description Report

Comments:

Please make the Project Description Report available for Public Review at the Band Office. It needs to be available starting on the date that the Notice is first published.

030895_Transmittal Toset_Draft PDR for Public Display 7/18/2013 4:47 PM

Sent By: _____ [Initial]

NEEGAN BURNSIDE

Appendix H3
Aboriginal Community Consultation
Aboriginal Consultation List

---- Forwarded by Tricia Radburn/RJB on 07/25/2013 11:37 AM ----

From: "Schlag, Michelle (ENE)" < Michelle.Schlag@ontario.ca>

To: "tricia.radburn@neeganburnside.com" <tricia.radburn@neeganburnside.com>,

"ctoset@tbaytel.net" <ctoset@tbaytel.net>,

Cc: "Santos, Narren (ENE)" <Narren.Santos@ontario.ca>, "chris.shilton@neeganburnside.com"

<chris.shilton@neeganburnside.com>

Date: 07/25/2013 11:36 AM

Subject: Whitesand First Nation Cogeneration and Pellet Mill Project - Aboriginal Consultation List

Good Morning,

Please find attached the Aboriginal Consultation List for the Whitesand First Nation Cogeneration and Pellet Mill Project. The original is in the mail.

Please let me know if have any questions or require any additional information.

Thank you,

Michelle Schlag

Aboriginal Consultation Advisor Environmental Approvals Access and Service Integration Branch 2 St. Clair Avenue West

Toronto, Ontario M4V 1L5

Phone: 416-326-9608/Toll free 1-800-461-6290

Fax: 416-246-7171 (Service Desk) Email: Michelle.Schlag@Ontario.ca

__



Whitesand First Nation Cogeneration 25July2013.pdf

Ministry of the Environment

Environmental Approvals Access and Service Integration Branch

2 St. Clair Avenue West Floor 12A

Toronto ON M4V 1L5 Tel.: 416 314-8001 Fax: 416 314-8452 Ministère de l'Environnement

Direction de l'accès aux autorisations environnementales et de l'intégration des services

Étage 12A Toronto ON M4V 1L5 Tél : 416 314-8001 Téléc. : 416 314-8452

2, avenue St. Clair Ouest



July 17, 2013

Craig Toset
Project Manager
Whitesand First Nation
P.O. Box 68,
Armstrong, ON
POT 1A0

Dear Mr. Toset:

RE: Notification of Proposed Renewable Energy Project

The Ontario Ministry of the Environment (Ministry) has reviewed the information provided in the Draft Project Description Report (PDR) received for the Whitesand First Nation Cogeneration and Pellet Mill Project. The Ministry has reviewed the anticipated environmental effects of the project (as described in the PDR) relative to its current understanding of the interests of Aboriginal communities in the area.

In accordance with section 14 of Ontario Regulation 359/09 "Renewable Energy Approvals under Part V.0.1 of the Act" (O. Reg. 359/09) made under the Environmental Protection Act, please find below the list of aboriginal communities who, in the opinion of the Director:

 have or may have constitutionally protected aboriginal or treaty rights that may be adversely impacted by the project (s.14(b)(i)):

> Aboriginal Community Common Name:

Reserve Name [if applicable]:

Contact Information

Whitesand First Nation P.O. Box 68 Armstrong, ON POT 1A0

Phone: (807) 583-2177

Fax: (807) 583-2170

Greenstone Metis Council P.O. Box 825 211-401R 4th Ave Geraldton, ON POT 1M0

Phone: (807) 854-1172

Correspondence to be copied to:

Metis Consultation Unit Metis Nation of Ontario 500 Old St. Patrick Street, Unit D Ottawa, ON K1N 9G4

OR

ii) otherwise may be interested in any negative environmental effects of the project (s.14(b)(ii)):

Aboriginal Community Common Name: Reserve Name [if applicable]: Contact Information

Gull Bay First Nation Kiashke Zaaging Anishnaabek Gull River 55 1186 Memorial Avenue P.O. BOX 29100 McIntyre Centre Thunder Bay, ON P7B 6P9

Phone: (807) 982-0006 Fax: (807) 982-0009

NOTE: None of the foregoing should be taken to imply approval of this project or the contents of the PDR. This letter only addresses the requirement of the Director to provide a list of aboriginal communities to you as required pursuant to section 14 of O. Reg. 359/09. You should also be aware that information upon which the above list of Aboriginal communities is based is subject to change. Aboriginal communities can make assertions at any time, and other developments, for example the discovery of Aboriginal archaeological resources, can occur that may require additional aboriginal communities to be notified. Should this happen, the Ministry will contact you. Similarly, if you receive any feedback from any Aboriginal communities not included in this list, as part of your consultation, the Ministry would appreciate being notified.

Please contact Michelle Schlag, Aboriginal Consultation Advisor at michelle.schlag@ontario.ca or 416-326-9608 should you have any questions or require additional information.

Yours sincerely,

Doris Dumais

Director

Environmental Approvals Access and Service Integration Branch

C: Vic Schroter, A/Supervisor, Renewable Energy Team, Ministry of the Environment Nareen Santos, Environmental Approvals Access and Service Integration Branch, Ministry of the Environment

Craig Toset, Project Manager, Whitesand First Nation P.O. Box 68, Armstrong Ontario POT 1A0

Chris Shilton, Project Manager Neegan Burnside Ltd. 292 Speedway Avenue West Unit 20, Guelph Ontario N1H 1C4

Rik Aikmen, Area Supervisor Thunder Bay District, Ministry of Natural Resources Brett Smith, Sr. Advisor regulatory Affairs and Strategic Policy, Ministry of Energy

MS/

NEEGAN BURNSIDE

Appendix H4
Aboriginal Community Consultation
Requests for Aboriginal Community
Newspaper Publishing



Telephone Conversation Summary

Date: August 6, 2013 4:20 PM **File No.:** 300030895

Project: Whitesand First Nation Cogeneration and Pellet Mill Project

Recorded By:

Name: Chris Shilton

Message/Conversation

I contacted the Greenstone Metis Council (ph: 807-854-1172) and spoke with President I inquired whether Greenstone Metis Council has a newspaper in which they would like to publish our Notice of a Proposal and Public Meeting #1. Confirmed that Greenstone Metis Council currently does not have a newspaper, but are considering starting one in the Fall of 2013.

Whitesand FN phone call summary - Greenstone Metis Council 2/19/2014 1:54 PM

From:

Sent: August 2, 2013 1:05 PM

To:

Subject: Fw: Whitesand First Nation Notice of Project and Public Meeting

From: Chris Shilton

Sent: Thursday, August 01, 2013 5:19 PM

To: Cc: Dominique Evans

Subject: Whitesand First Nation Notice of Project and Public Meeting

Good Afternoon,

As you may be aware, Whitesand First Nation is proposing to develop a Cogeneration Plant and Pellet Mill Project near Armstrong, Ontario. An official notice about the project will be mailed to the Greenstone Metis Council next week.

We are contacting you to ask if Greenstone Metis Council has its own newspaper, and if they would like to publish our project notice in it.

Please let me know at your earliest convenience as the notice has been coordinated to be published in other newspapers and mailed out to all stakeholders next week.

Could you also please confirm the contact number for the Greenstone Metis Council? We were unable to reach anybody today at 807-854-1172.

You can reply to this e-mail, or I can be reached by phone at 905-866-8405.

Thank you,

Chris Shilton

NEEGANBURNSIDE

Chris Shilton

R.J. Burnside & Associates Limited 292 Speedvale Avenue West, Unit 20 Guelph, Ontario N1H 1C4 Chris.Shilton@rjburnside.com

tel: 519.823.4995 x539 fax: 519.836.5477 www.rjburnside.com

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If you have received this communication in error please notify the sender at the above email address and delete this email immediately.

	Thank you.
*********	********

Whitesand First Nation Notice of Project and Public Meeting

Chris Shilton to: Cc: Dominique Evans
Bcc: Chris Shilton

08/01/2013 05:19 PM

Good Afternoon,

As you may be aware, Whitesand First Nation is proposing to develop a Cogeneration Plant and Pellet Mill Project near Armstrong, Ontario. An official notice about the project will be mailed to the Greenstone Metis Council next week.

We are contacting you to ask if Greenstone Metis Council has its own newspaper, and if they would like to publish our project notice in it.

Please let me know at your earliest convenience as the notice has been coordinated to be published in other newspapers and mailed out to all stakeholders next week.

Could you also please confirm the contact number for the Greenstone Metis Council? We were unable to reach anybody today at 807-854-1172.

You can reply to this e-mail, or I can be reached by phone at 905-866-8405.

Thank you,

Chris Shilton

Whitesand First Nation Notice of Project and Public Meeting

Chris Shilton to:
Cc: Dominique Evans,
Bcc: Chris Shilton

08/01/2013 05:13 PM

Hello

As discussed with Dominique from Neegan Burnside this afternoon, please see attached for our notice to be included in next week's publication of the Gull Bay First Nation newsletter.

Could you please send us a copy of the newsletter when it is published? Digital (pdf) would be preferable if available, otherwise we can arrange for a courier to pick up a hard copy.

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

Thanks,

Chris



030895_Whitesand Notice of Proposal and 1st Public Meeting.doc



030895_Whitesand Notice of Proposal and 1st Public Meeting.pdf





Notice of a Proposal and Notice of Public Meeting (#1)

by Whitesand First Nation

Regarding a Proposal to Engage in a Renewable Energy Project

Project Name: Whitesand First Nation Cogeneration and Pellet Mill Project (the "Project")

Project Location: Located on Crown land in an unorganized territory of the Thunder Bay District near

Whitesand First Nation and Armstrong, Ontario

Dated at: Armstrong, Ontario this 10th day of August, 2013.

Whitesand First Nation is planning to engage in a renewable energy Project in respect of which the issuance of a renewable energy approval 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 Ontario Regulation 359/09 ("Regulation"). This notice is being 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: September 25, 2013 Time: 4:00pm – 7:00pm

Place: Whitesand & Armstrong Curling Club, 147 Princess St., Armstrong, ON, P0T 1A0

Project Description: Pursuant to the Act and Regulation, the facility, in respect of which this Project is to be engaged in, is considered to be a Class 1 Thermal Facility. If approved, this facility would have a total maximum name plate capacity of 4 MW and would displace the electricity supply from existing diesel generators servicing the community via a local grid, operated by Hydro One Remote Communities Inc. The local grid is not connected to the Provincial grid, and there are no such future plans for a transmission connection. The Project location is described in the map below.

Documents for Public Inspection: The *Draft Project Description Report* titled "Whitesand First Nation Cogeneration and Pellet Mill Project – Draft Project Description Report" describes the Project as a facility with a biomass fueled electric power and heat cogeneration plant, a wood pellet plant, garage, material storage and handling areas, a wastewater management system, and transformer substation. A written copy of the Draft Project Description Report was made available for public review on August 9th, 2013 on the Project website at www.whitesandfirstnation.com and is also available at the following locations:

Whitesand First Nation Reserve Band Office Lot 4A, Whitesand Road, Whitesand First Nation PO Box 68, Armstrong, ON POT 1A0

Standard Office Hours: Mon-Fri, 8:30am – 5:00pm

Armstrong Local Service Board 111 Queen St. Armstrong Station, ON P0T 1A0

Standard Office Hours: Mon-Fri, 10:00am - 4:30pm

Project Contacts and Information: To learn more about the Project proposal, proposed meetings, or to communicate concerns, please contact:

Craig Toset, Business Development, or David L Mackett, Community Development Whitesand First Nation P.O. Box 68 Armstrong, ON POT 1A0 1-807-620-1394

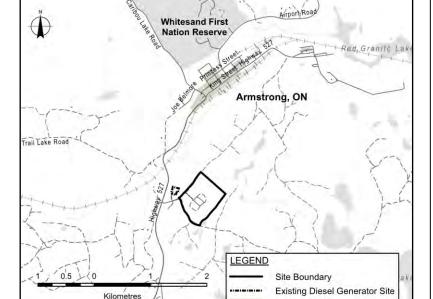
Chris Shilton Neegan Burnside Ltd. 292 Speedvale Ave. West, Unit 20 Guelph, Ontario N1H 1C4 519-823-4995

Project Specific Website, E-mail Address and Toll-Free Telephone Hotline:

www.whitesandfirstnation.com

white sand biomass@neegan burnside.com

1-800-935-0832



Residential Area

Project Location



Telephone Conversation Summary

Date: August 1, 2013 3:00PM **File No.:** 300030895

Project: Whitesand First Nation Cogeneration and Pellet Mill Project

Recorded By:

Name: Dominique Evans

Message/Conversation

I contacted the Gull Bay First Nation (a) and spoke to regarding any publications that are circulated locally. (a) informed me that they have an August community newsletter that he is preparing immediately. He would be able to include the Notice of Proposal and Notice of Public Meeting #1 if we were to email today.

Email address is

would prefer the document in pdf format.

Whitesand FN phone call summary - Gull Bay FN 8/6/2013 3:55 PM

F	W: Whitesand First Nation Notice of Project and Public Meeting
to	
	Chris.Shilton@rjburnside.com 8/07/2013 11:15 AM
(Cc:
	lide Details
H T	rom: Co: "Chris.Shilton@rjburnside.com" < Chris.Shilton@rjburnside.com>,
(dello Chris,
р	has asked that I look into this project. MNO is interested to learn more about this roject. Can you please CC me on future correspondence.
R	egards,
C	oordinator, Lands, Resources and Consultation
V	www.metisnation.org
Р	lease consider the environment before printing this email.
	
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Hello we have added you to our consultation list and you should receive a letter and project notice in the mail next week. Please let me know if you do not receive the notice.

In the meantime, you can review the notice and the Draft Project Description Report online at www.whitesandfirstnation.com/ to learn more about the project.

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

Thanks,

Chris

From:
To: "Chris.Shilton@rjburnside.com" <Chris.Shilton@rjburnside.com>,
Cc:
Date: 08/07/2013 11:15 AM
Subject: FW: Whitesand First Nation Notice of Project and Public Meeting

Hello Chris,

has asked that I look into this project. MNO is interested to learn more about this project. Can you please CC me on future correspondence.

Regards,



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From:

Sent: August 2, 2013 1:05 PM

To:

Subject: Fw: Whitesand First Nation Notice of Project and Public Meeting

From: Chris Shilton

Sent: Thursday, August 01, 2013 5:19 PM

Cc: <u>Dominique Evans</u>

Subject: Whitesand First Nation Notice of Project and Public Meeting

Good Afternoon,

As you may be aware, Whitesand First Nation is proposing to develop a Cogeneration Plant and Pellet Mill Project near Armstrong, Ontario. An official notice about the project will be mailed to the Greenstone Metis Council next week.

We are contacting you to ask if Greenstone Metis Council has its own newspaper, and if they would like to publish our project notice in it.

Please let me know at your earliest convenience as the notice has been coordinated to be published in other newspapers and mailed out to all stakeholders next week.

Could you also please confirm the contact number for the Greenstone Metis Council? We were unable to reach anybody today at 807-854-1172.

You can reply to this e-mail, or I can be reached by phone at 905-866-8405.

Thank you,

Chris Shilton

NEEGANBURNSIDE

Chris Shilton

R.J. Burnside & Associates Limited 292 Speedvale Avenue West, Unit 20 Guelph, Ontario N1H 1C4
Chris.Shilton@rjburnside.com

tel: 519.823.4995 x539 fax: 519.836.5477 www.rjburnside.com

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Thank you.

NEEGAN BURNSIDE

Appendix H5
Aboriginal Community Consultation
Notice of a Proposal and Notice of
Public Meeting #1, Draft Project
Description Report, and Request for
Information and Meeting



August 9, 2013

Via: Mail

President
Greenstone Metis Council
P.O. Box 825
211-401 R 4th Avenue
Geraldton ON POT 1M0

Dear :

Re: 1) Notice of a Proposal and Notice of Public Meeting #1

2) Draft Project Description Report

3) Meeting Request/Initial Request for Information

Whitesand First Nation Cogeneration and Pellet Mill Project

File No.: 300030895.0000

Neegan Burnside Ltd. (Neegan Burnside) has been retained by Whitesand First Nation to prepare an Application for Renewable Energy Approval (REA) for the above-referenced biomass fueled electric power and heat cogeneration plant, and wood pellet facility, located on crown land in an unorganized territory of the Thunder Bay District near Whitesand First Nation and Armstrong, Ontario.

The project is subject to the provisions of the REA process as prescribed in Ontario Regulation 359/09. The REA process entails consideration of environmental aspects, natural heritage features and water bodies as well as heritage and archaeological resources. In addition, the REA process includes public, agency and aboriginal consultations. A summary of the process is provided below.

Notice of Proposal	Public Meeting	Completion of Technical	Notice of	Public Meeting	Project Layout	Reports Finalized	Submit REA	Notice of filing	MOE Review	REA Decision
and Notice of Public	#1	Studies	Public Meeting #2 (and	#2	Finalized	Tillalized	Application to MOE	posted on Env. Registry	iteview	Decision
Meeting #1			release of draft studies)							



We are here

Please find enclosed a copy of the formal notification for this project (Notice of a Proposal and Notice of Public Meeting #1). As discussed with President William Gordon on August 6, 2013, there is currently no Greenstone Metis Council community newspaper in which this notice could be published. If you would like the notice posted elsewhere in your community, please let us know and we will facilitate accordingly. As described in the notice, the first formal public meeting under O.Reg. 359/09 is scheduled for September 25, 2013 in Armstrong, Ontario.

Formal public meetings such as the one identified above will be held throughout the REA process. We encourage your community to attend the public meetings as they are intended for all stakeholders. Should you feel that it is more appropriate that specific meetings or information centers be held directly within your community or via conference call, please let us know, and we would be happy to meet with the President, council, and/or community members as appropriate, throughout the REA process.

We have enclosed two copies of the Draft Project Description Report, which provides information on the following:

- a description of the nature and scope of the proposed project;
- a list of potential negative environmental effects and additional studies anticipated at this time;
- a description of other approvals that may be required for the project;
- the project location and ownership of the land;
- the project schedule, including anticipated REA reporting, consultation and application dates;
- project and applicant contact information; and
- other information about the project that might be helpful for your community.

If you agree, we kindly ask that you please make one enclosed copy of the Draft Project Description Report available for viewing in your community. Should you require additional copies for viewing, please let us know and we will provide accordingly.

Further REA studies are underway, and the following reports will be sent to your community for review and comment when available (anticipated in Fall 2013):

- Project Description Report;
- Construction Plan Report;
- Design and Operations Report;
- Decommissioning Plan Report;
- Stage 1 Archaeological Assessment;
- Natural Heritage Assessment;
- Water Assessment;
- Emissions Summary and Dispersion Modelling Report;
- Noise Study Report;
- Effluent Management Plan Report; and
- Surface Water Assessment Report.

It is essential that your concerns are identified early in the planning process, such that the appropriate mitigation measures are incorporated into the overall project design. Please provide us with any information (in writing) that, in the opinion of your community,

should be considered in the preparation of the above noted reports. In particular, please identify:

- any adverse impacts the project may have on constitutionally protected aboriginal or treaty rights; and
- any measures for mitigating those adverse impacts.

Your input and questions are encouraged. All interested stakeholders may learn more about the project and provide input via the communication avenues listed below.

Website: <u>www.whitesandfirstnation.com</u>

E-mail: whitesandbiomass@neeganburnside.com

Mail: Chris Shilton

Neegan Burnside Ltd.

292 Speedvale Avenue West, Unit 20

Guelph ON N1H 1C4

Phone/Fax: 1-800-935-0832

Your participation in this REA study is much appreciated.

Yours truly,

Neegan Burnside Ltd.

Chris Shilton, P.Eng., LEED®AP

Project Manager

CS:jw

Enc.

Cc Craig Toset, Business Development, Whitesand First Nation David Mackett, Community Development, Whitesand First Nation Chris Walton, Arbora Management Services

, Greenstone Metis Council (enc. 2 copies of Draft Project Description Report and Notice of a Proposal and Notice of Public Meeting #1)

, Metis Nation of Ontario (enc. Notice of a Proposal and Notice of Public Meeting #1)

Public Meeting #1)

Metis Nation of Ontario, Metis Consultation Unit (enc. 1 copy of Draft Project Description Report and Notice of a Proposal and Notice of Public Meeting #1)



August 9, 2013

Via: Mail

President Greenstone Metis Council

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Whitesand First Nation Cogeneration and Pellet Mill Project

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Notice of Proposal and Notice of Public Meeting #1	Public Meeting #1	Completion of Technical Studies	Notice of Public Meeting #2 (and release of draft studies)	Public Meeting #2	Project Layout Finalized	Reports Finalized	Submit REA Application to MOE	Notice of filing posted on Env. Registry	MOE Review	REA Decision



We are here

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- any measures for mitigating those adverse impacts.

Your input and questions are encouraged. All interested stakeholders may learn more about the project and provide input via the communication avenues listed below.

Website: <u>www.whitesandfirstnation.com</u>

E-mail: whitesandbiomass@neeganburnside.com

Mail: Chris Shilton

Neegan Burnside Ltd.

292 Speedvale Avenue West, Unit 20

Guelph ON N1H 1C4

Phone/Fax: 1-800-935-0832

Your participation in this REA study is much appreciated.

Yours truly,

Neegan Burnside Ltd.

Chris Shilton, P.Eng., LEED®AP

Project Manager

CS:jw

Enc.

Cc Craig Toset, Business Development, Whitesand First Nation David Mackett, Community Development, Whitesand First Nation Chris Walton, Arbora Management Services

Greenstone Metis Council (enc. 2 copies of Draft Project

Description Report and Notice of a Proposal and Notice of Public Meeting #1)

Metis Nation of Ontario (enc. Notice of a Proposal and Notice of

Public Meeting #1)

Metis Nation of Ontario, Metis Consultation Unit (enc. 1 copy of Draft Project Description Report and Notice of a Proposal and Notice of Public Meeting #1)



August 9, 2013

Via: Mail

, Chief
Gull Bay First Nation
Kiashke Zaaging Anishnaabek
Gull River 55
1186 Memorial Avenue, P.O. Box 29100 McIntyre Centre
Thunder Bay ON P7B 6P9

Dear Chief:

Re: 1) Notice of a Proposal and Notice of Public Meeting #1

2) Draft Project Description Report

3) Meeting Request/Initial Request for Information

Whitesand First Nation Cogeneration and Pellet Mill Project

File No.: 300030895.0000

Neegan Burnside Ltd. (Neegan Burnside) has been retained by Whitesand First Nation to prepare an Application for Renewable Energy Approval (REA) for the above-referenced biomass fueled electric power and heat cogeneration plant, and wood pellet facility, located on crown land in an unorganized territory of the Thunder Bay District near Whitesand First Nation and Armstrong, Ontario.

The project is subject to the provisions of the REA process as prescribed in Ontario Regulation 359/09. The REA process entails consideration of environmental aspects, natural heritage features and water bodies as well as heritage and archaeological resources. In addition, the REA process includes public, agency and aboriginal consultations. A summary of the process is provided below.

Notice of Proposal and Notice of Public Meeting #1	Public Meeting #1	Completion of Technical Studies	Notice of Public Meeting #2 (and release of draft studies)	Public Meeting #2	Project Layout Finalized	Reports Finalized	Submit REA Application to MOE	Notice of filing posted on Env. Registry	MOE Review	REA Decision



We are here

Please find enclosed a copy of the formal notification for this project (Notice of a Proposal and Notice of Public Meeting #1). We also contacted Gull Bay First Nation and made the necessary arrangements on August 1, 2013 to have the notice published in your community newsletter. As described in the notice, the first formal public meeting under O.Reg. 359/09 is scheduled for September 25, 2013 in Armstrong, Ontario.

Formal public meetings such as the one identified above will be held throughout the REA process. We encourage your community to attend the public meetings as they are intended for all stakeholders. Should you feel that it is more appropriate that specific meetings or information centers be held directly within your community or via conference call, please let us know, and we would be happy to meet with the Chief, council, and/or community members as appropriate, throughout the REA process.

We have enclosed two copies of the Draft Project Description Report, which provides information on the following:

- a description of the nature and scope of the proposed project;
- a list of potential negative environmental effects and additional studies anticipated at this time;
- a description of other approvals that may be required for the project;
- the project location and ownership of the land;
- the project schedule, including anticipated REA reporting, consultation and application dates;
- project and applicant contact information; and
- other information about the project that might be helpful for your community.

If you agree, we kindly ask that you please make one enclosed copy of the Draft Project Description Report available for viewing in your community. Should you require additional copies for viewing, please let us know and we will provide accordingly.

Further REA studies are underway, and the following reports will be sent to your community for review and comment when available (anticipated in Fall 2013):

- Project Description Report;
- Construction Plan Report;
- Design and Operations Report;
- Decommissioning Plan Report;
- Stage 1 Archaeological Assessment;
- Natural Heritage Assessment;
- Water Assessment;
- Emissions Summary and Dispersion Modelling Report;
- Noise Study Report;
- Effluent Management Plan Report; and
- Surface Water Assessment Report.

It is essential that your concerns are identified early in the planning process, such that the appropriate mitigation measures are incorporated into the overall project design. Please provide us with any information (in writing) that, in the opinion of your community,

should be considered in the preparation of the above noted reports. In particular, please identify:

- any adverse impacts from the project and how those may affect your community;
- any measures for mitigating those adverse impacts; and
- any constitutionally protected aboriginal or treaty rights that the Ministry of the Environment is currently not aware of.

Your input and questions are encouraged. All interested stakeholders may learn more about the project and provide input via the communication avenues listed below.

Website: <u>www.whitesandfirstnation.com</u>

E-mail: whitesandbiomass@neeganburnside.com

Mail: Chris Shilton

Neegan Burnside Ltd.

292 Speedvale Avenue West, Unit 20

Guelph ON N1H 1C4

Phone/Fax: 1-800-935-0832

Your participation in this REA study is much appreciated.

Yours truly,

Neegan Burnside Ltd.

Chris Shilton, P.Eng., LEED®AP

Project Manager

CS:jw

Enc. Notice of a Proposal and Notice of Public Meeting #1

Draft Project Description Report (2 copies)

Cc Craig Toset, Business Development, Whitesand First Nation David Mackett, Community Development, Whitesand First Nation Chris Walton, Arbora Management Services

......

030895_Cover Letter for Notice to Aboriginal - Gull Bay FN.doc 09/08/2013 1:30 PM



August 9, 2013

Via: Mail

Chief Whitesand First Nation P.O. Box 68 Armstrong ON P0T 1A0

Dear Chief

Re: 1) Notice of a Proposal and Notice of Public Meeting #1

2) Draft Project Description Report

3) Meeting Request/Initial Request for Information

Whitesand First Nation Cogeneration and Pellet Mill Project

File No.: 300030895.0000

As you are aware, Neegan Burnside Ltd. (Neegan Burnside) has been retained by Whitesand First Nation to prepare an Application for Renewable Energy Approval (REA) for the above-referenced biomass fueled electric power and heat cogeneration plant, and wood pellet facility, located on crown land in an unorganized territory of the Thunder Bay District near Whitesand First Nation and Armstrong, Ontario.

The project is subject to the provisions of the REA process as prescribed in Ontario Regulation 359/09. The REA process entails consideration of environmental aspects, natural heritage features and water bodies as well as heritage and archaeological resources. In addition, the REA process includes public, agency and aboriginal consultations. A summary of the process is provided below.

Notice of Proposal Meeting and Notice of Public Notice of Public Meeting and Notice of Public Meeting H1 Notice of Of Technical Studies Notice of Public Meeting H2 (and Meeting H1) Notice of Of Technical Studies Notice of Public Meeting H2 (and Meeting H2) Notice of Of Technical Studies Notice of Meeting H2 (and Meeting H2) Notice of Meeting H2 (and Meeting H2) Notice of MoE Notice of Meeting H2 (and Meeting H2) Notice Of filing Meeting H2 (and Meeting H2) Notice Of filing Notice Of filing Notice Of Meeting H2 (and Meeting H2) Notice Of Meeting H2 (and Meeti										
	Proposal and Notice of Public Meeting	Meeting	of Technical	of Public Meeting #2 (and release	Meeting	Layout	 REA Application	of filing posted on Env.	-	



We are here Please find enclosed a copy of the formal notification for this project (Notice of a Proposal and Notice of Public Meeting #1). As confirmed by Whitesand First Nation via e-mail on June 28, 2013, there is currently no Whitesand First Nation community newspaper in which this notice could be published. If you would like the notice posted elsewhere in your community, please let us know and we will facilitate accordingly. As described in the notice, the first formal public meeting under O.Reg. 359/09 is scheduled for September 25, 2013 in Armstrong, Ontario.

Formal public meetings such as the one identified above will be held throughout the REA process. We encourage your community to attend the public meetings as they are intended for all stakeholders. Should you feel that it is more appropriate that specific meetings or information centers be held directly within your community or via conference call, please let us know, and we would be happy to meet with the Chief, council, and/or community members as appropriate, throughout the REA process.

A hard copy of the Draft Project Description Report was sent to Craig Toset at Whitesand First Nation on July 19, 2013. The report provides information on the following:

- a description of the nature and scope of the proposed project;
- a list of potential negative environmental effects and additional studies anticipated at this time:
- a description of other approvals that may be required for the project;
- · the project location and ownership of the land;
- the project schedule, including anticipated REA reporting, consultation and application dates;
- project and applicant contact information; and
- other information about the project that might be helpful for your community.

As Whitesand First Nation is the proponent, we have already made the necessary arrangements for the report to be available for viewing in the community, as indicated in the enclosed notice.

Further REA studies are underway, and the following reports will be sent to your community for review and comment when available (anticipated in Fall 2013):

- Project Description Report;
- Construction Plan Report:
- Design and Operations Report;
- Decommissioning Plan Report;
- Stage 1 Archaeological Assessment;
- Natural Heritage Assessment;
- Water Assessment:
- Emissions Summary and Dispersion Modelling Report;
- Noise Study Report;
- Effluent Management Plan Report; and
- Surface Water Assessment Report.

It is essential that your concerns are identified early in the planning process, such that the appropriate mitigation measures are incorporated into the overall project design. Please provide us with any information (in writing) that, in the opinion of your community, should be considered in the preparation of the above noted reports. In particular, please identify:

- any adverse impacts the project may have on constitutionally protected aboriginal or treaty rights; and
- any measures for mitigating those adverse impacts.

Your input and questions are encouraged. All interested stakeholders may learn more about the project and provide input via the communication avenues listed below.

Website: www.whitesandfirstnation.com

E-mail: whitesandbiomass@neeganburnside.com

Mail: Chris Shilton

Neegan Burnside Ltd.

292 Speedvale Avenue West, Unit 20

Guelph ON N1H 1C4

Phone/Fax: 1-800-935-0832

Your participation in this REA study is much appreciated.

Yours truly,

Neegan Burnside Ltd.

Chris Shilton, P.Eng., LEED®AP

Chino Shilm

Project Manager

CS:Jw

Enc. Notice of a Proposal and Notice of Public Meeting #1

Cc Craig Toset, Business Development, Whitesand First Nation David Mackett, Community Development, Whitesand First Nation Chris Walton, Arbora Management Services

030895_Cover Letter for Notice to Aboriginal - Whitesand FN.doc 08/08/2013 3:50 PM



August 9, 2013

Via: Mail

Metis Consultation Unit Metis Nation of Ontario 500 Old St. Patrick Street, Unit D Ottawa ON K1N 9G4

To whom it may concern:

Re: 1) Notice of a Proposal and Notice of Public Meeting #1

2) Draft Project Description Report

3) Meeting Request/Initial Request for Information

Whitesand First Nation Cogeneration and Pellet Mill Project

File No.: 300030895.0000

Neegan Burnside Ltd. (Neegan Burnside) has been retained by Whitesand First Nation to prepare an Application for Renewable Energy Approval (REA) for the above-referenced biomass fueled electric power and heat cogeneration plant, and wood pellet facility, located on crown land in an unorganized territory of the Thunder Bay District near Whitesand First Nation and Armstrong, Ontario.

The project is subject to the provisions of the REA process as prescribed in Ontario Regulation 359/09. The REA process entails consideration of environmental aspects, natural heritage features and water bodies as well as heritage and archaeological resources. In addition, the REA process includes public, agency and aboriginal consultations. A summary of the process is provided below.

Notice of Proposal and Notice of Public Meeting #1	Public Meeting #1	Completion of Technical Studies	Notice of Public Meeting #2 (and release of draft	Public Meeting #2	Project Layout Finalized	Reports Finalized	Submit REA Application to MOE	Notice of filing posted on Env. Registry	MOE Review	REA Decision
			studies)							



We are here

Please find enclosed a copy of the formal notification for this project (Notice of a Proposal and Notice of Public Meeting #1). As discussed with President William Gordon

on August 6, 2013, there is currently no Greenstone Metis Council community newspaper in which this notice could be published. If you would like the notice posted elsewhere in your community, please let us know and we will facilitate accordingly. As described in the notice, the first formal public meeting under O.Reg. 359/09 is scheduled for September 25, 2013 in Armstrong, Ontario.

Formal public meetings such as the one identified above will be held throughout the REA process. We encourage your community to attend the public meetings as they are intended for all stakeholders. Should you feel that it is more appropriate that specific meetings or information centers be held directly within your community or via conference call, please let us know, and we would be happy to meet with the President, council, and/or community members as appropriate, throughout the REA process.

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- project and applicant contact information; and
- other information about the project that might be helpful for your community.

If you agree, we kindly ask that you please make one enclosed copy of the Draft Project Description Report available for viewing in your community. Should you require additional copies for viewing, please let us know and we will provide accordingly.

Further REA studies are underway, and the following reports will be sent to your community for review and comment when available (anticipated in Fall 2013):

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- any measures for mitigating those adverse impacts.

Your input and questions are encouraged. All interested stakeholders may learn more about the project and provide input via the communication avenues listed below.

Website: <u>www.whitesandfirstnation.com</u>

E-mail: whitesandbiomass@neeganburnside.com

Mail: Chris Shilton

Neegan Burnside Ltd.

292 Speedvale Avenue West, Unit 20

Guelph ON N1H 1C4

Phone/Fax: 1-800-935-0832

Your participation in this REA study is much appreciated.

Yours truly,

Neegan Burnside Ltd.

Chris Shilton, P.Eng., LEED®AP

Project Manager

CS:jw

Enc.

Cc Craig Toset, Business Development, Whitesand First Nation David Mackett, Community Development, Whitesand First Nation Chris Walton, Arbora Management Services

, Greenstone Metis Council (enc. 2 copies of Draft Project Description Report and Notice of a Proposal and Notice of Public Meeting #1) , Metis Nation of Ontario (enc. Notice of a Proposal and Notice of

Public Meeting #1)

Metis Nation of Ontario, Metis Consultation Unit (enc. 1 copy of Draft Project Description Report and Notice of a Proposal and Notice of Public Meeting #1)



August 9, 2013

Via: Mail

Coordinator, Lands, Resources and Consultation Metis Nation of Ontario

Dear

Re: 1) Notice of a Proposal and Notice of Public Meeting #1

2) Draft Project Description Report

3) Meeting Request/Initial Request for Information

Whitesand First Nation Cogeneration and Pellet Mill Project

File No.: 300030895.0000

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Notice of Proposal and Notice of Public Meeting #1	Public Meeting #1	Completion of Technical Studies	Notice of Public Meeting #2 (and release of draft studies)	Public Meeting #2	Project Layout Finalized	Reports Finalized	Submit REA Application to MOE	Notice of filing posted on Env. Registry	MOE Review	REA Decision



We are here

Please find enclosed a copy of the formal notification for this project (Notice of a Proposal and Notice of Public Meeting #1). As discussed with President William Gordon on August 6, 2013, there is currently no Greenstone Metis Council community newspaper in which this notice could be published. If you would like the notice posted elsewhere in your community, please let us know and we will facilitate accordingly. As described in the notice, the first formal public meeting under O.Reg. 359/09 is scheduled for September 25, 2013 in Armstrong, Ontario.

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Website: <u>www.whitesandfirstnation.com</u>

E-mail: whitesandbiomass@neeganburnside.com

Mail: Chris Shilton

Neegan Burnside Ltd.

292 Speedvale Avenue West, Unit 20

Guelph ON N1H 1C4

Phone/Fax: 1-800-935-0832

Your participation in this REA study is much appreciated.

Yours truly,

Neegan Burnside Ltd.

Chris Shilton, P.Eng., LEED®AP

Project Manager

CS:jw

Enc.

Cc Craig Toset, Business Development, Whitesand First Nation David Mackett, Community Development, Whitesand First Nation Chris Walton, Arbora Management Services

, Greenstone Metis Council (enc. 2 copies of Draft Project

Description Report and Notice of a Proposal and Notice of Public Meeting #1)

Metis Nation of Ontario (enc. Notice of a Proposal and Notice of

Public Meeting #1)

Metis Nation of Ontario, Metis Consultation Unit (enc. 1 copy of Draft Project Description Report and Notice of a Proposal and Notice of Public Meeting #1)

NEEGAN BURNSIDE

Appendix H6
Aboriginal Community Consultation
Requests for Aboriginal Community
Newspaper Publishing

Fw: Whitesand First Nation Cogeneration and Pellet Mill Project - Update

Chris Shilton to:

01/10/2014 12:25 PM

Bcc: ctoset, Iorianne.sinoway, "Chris Walton", "Tiina Ahokas", "David Mackett", Chris Shilton

Good Afternoon Chief

As mentioned in my voicemail left earlier today, please see the attached Notice of Final Public Meeting for the Whitesand First Nation Cogeneration and Pellet Mill Project. We anticipate that the attached notice will be published in the Chronicle-Journal on January 23, and January 25, 2014. We would be happy to also have this notice published in the Gull Bay First Nation community newspaper, if you agree and if such a newspaper is currently being produced. Please let us know if there is anything we can do to facilitate publishing in your community newspaper.

Today, we will be sending paper copies and a CD of the reports outlined in the e-mail below, as well as a paper copy of the attached notice. We will also send an electronic transmittal of this submission via e-mail and our FTP service. The cover letter explains the materials, project status, and process in more detail, including a request for any comments or concerns that you or your community may have regarding the project.

Should you have any questions about the project or the above materials, please do not hesitate to contact me.

Thanks.

Chris Shilton

---- Forwarded by Chris Shilton/RJB on 01/10/2014 12:19 PM ----

From: Chris Shilton/RJB To:

Date: 01/03/2014 03:30 PM

Subject: Whitesand First Nation Cogeneration and Pellet Mill Project - Update

Good Afternoon Chief

I left a message for you earlier today to provide an update on the Whitesand First Nation Cogeneration and Pellet Mill Project. I will provide a brief update below, as well as ask your preference on some pending documents to be sent your way. Please let us know your preferences at your earliest convenience.

Renewable Energy Approval (O.Reg.359/09) Update

- Project fieldwork and investigations as required by O.Reg. 359/09 took place throughout 2013
- Our last public meeting took place on September 25, 2013 in Armstrong, Ontario
- Draft documents in support of an Application for Renewable Energy Approval have been prepared, including the following:
 - Draft Project Description Report
 - Stage 1 Archaeological Assessment
 - Draft Natural Heritage Assessment
 - o Records Review
 - Site Investigation
 - o Evaluation of Significance
 - o Environmental Impact Study
 - Draft Water Assessment Report

- o Records Review
- o Site Investigation
- Draft Surface Water Assessment Report
- Draft Effluent Management Plan Report
- Draft Construction Plan Report
- Draft Design and Operations Report
 - o Draft Cultural Heritage Self-Assessment
 - o Hydrogeological Assessment
- Draft Emission Summary and Dispersion Modelling Report
- Noise Study Report
- Draft Decommissioning Plan Report
- We will be sending you the Draft documents noted above within the next few weeks for your review, including a Draft Project Summary Report, which provides a summary of each document.
- We will also be sending you a notice for our final public meeting, which will take place prior to
 making a formal Application for Renewable Energy Approval. The public meeting is anticipated to
 be held near the end of March 2014; the exact date will be on the notice.

Draft Documents and Notice Preferences

- Could you please let us know if you would prefer electronic or paper copies of the above Draft documents
- Could you please let us know if Gull Bay First Nation currently has a newspaper, and if you would like to publish our notice of public meeting in it.

Should you have any questions, or if you would like to discuss anything in more detail, please do not hesitate to contact me.

Thank you,



030895_Whitesand Notice of Final Public Meeting.pdf

Fw: Whitesand First Nation Cogeneration and Pellet Mill Project - Update

Chris Shilton to: ctoset

01/10/2014 12:32 PM

Bcc: Iorianne.sinoway, "Chris Walton", "Tiina Ahokas", "David Mackett", Chris Shilton

Good Afternoon Mr. Toset,

Please see the attached Notice of Final Public Meeting for the Whitesand First Nation Cogeneration and Pellet Mill Project. We anticipate that the attached notice will be published in the Chronicle-Journal on January 23, and January 25, 2014. We would be happy to also have this notice published in the Whitesand First Nation community newspaper, if you agree and if such a newspaper is currently being produced. Please let us know if there is anything we can do to facilitate publishing in your community newspaper.

Today, we will be sending a paper copy of the Draft Project Summary Report (paper copies of the remaining reports below were sent on December 20, 2013), and a CD of the reports outlined in the e-mail below, as well as a paper copy of the attached notice. We will also send an electronic transmittal of this submission via e-mail and our FTP service. The cover letter explains the materials, project status, and process in more detail, including a request for any comments or concerns that you or your community may have regarding the project.

Should you have any questions about the project or the above materials, please do not hesitate to contact me.

Thanks.

Chris Shilton

---- Forwarded by Chris Shilton/RJB on 01/10/2014 12:26 PM ----

From: Chris Shilton/RJB
To: ctoset@tbaytel.net,
Date: 01/03/2014 03:34 PM

Subject: Whitesand First Nation Cogeneration and Pellet Mill Project - Update

Good Afternoon Mr. Toset,

I left a message for you earlier today to provide an update on the Whitesand First Nation Cogeneration and Pellet Mill Project. I will provide a brief update below, as well as ask your preference on some pending documents to be sent your way. Please let us know your preferences at your earliest convenience.

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- Draft Emission Summary and Dispersion Modelling Report
- Noise Study Report
- Draft Decommissioning Plan Report
- We will be sending you the Draft documents noted above within the next few weeks for your review, including a Draft Project Summary Report, which provides a summary of each document.
- We will also be sending you a notice for our final public meeting, which will take place prior to
 making a formal Application for Renewable Energy Approval. The public meeting is anticipated to
 be held near the end of March 2014; the exact date will be on the notice.

Draft Documents and Notice Preferences

- Could you please let us know if you would prefer electronic or paper copies of the above Draft documents
- Could you please let us know if Whitesand First Nation currently has a newspaper, and if you
 would like to publish our notice of public meeting in it

Should you have any questions, or if you would like to discuss anything in more detail, please do not hesitate to contact me.

Thank you,



030895_Whitesand Notice of Final Public Meeting.pdf

Fw: Whitesand First Nation Cogeneration and Pellet Mill Project - Update

Chris Shilton to: 01/10/2014 12:19 PM

Cc:

ctoset, lorianne.sinoway, "Chris Walton", "Tiina Ahokas", "David Mackett", Chris Shilton

Good Afternoon

As mentioned in my voicemail left earlier today, please see the attached Notice of Final Public Meeting for the Whitesand First Nation Cogeneration and Pellet Mill Project. We anticipate that the attached notice will be published in the Chronicle-Journal on January 23, and January 25, 2014. We would be happy to also have this notice published in the Greenstone Metis Council community newspaper, if you agree and if such a newspaper is currently being produced. Please let us know if there is anything we can do to facilitate publishing in your community newspaper.

Today, we will be sending paper copies and a CD of the reports outlined in the e-mail below, as well as a paper copy of the attached notice. We will also send an electronic transmittal of this submission via e-mail and our FTP service. The cover letter explains the materials, project status, and process in more detail, including a request for any comments or concerns that you or your community may have regarding the project.

Should you have any questions about the project or the above materials, please do not hesitate to contact me

Thanks,

---- Forwarded by Chris Shilton/RJB on 01/10/2014 10:50 AM ----

From: Chris Shilton/RJB
To:
Cc:
Date: 01/03/2014 03:26 PM

Subject: Whitesand First Nation Cogeneration and Pellet Mill Project - Update

Good Afternoon

I left a message for you earlier today to provide an update on the Whitesand First Nation Cogeneration and Pellet Mill Project. I will provide a brief update below, as well as ask your preference on some pending documents to be sent your way. Please let us know your preferences at your earliest convenience.

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Should you have any questions, or if you would like to discuss anything in more detail, please do not hesitate to contact me.

Thank you,



030895_Whitesand Notice of Final Public Meeting.pdf

NEEGAN BURNSIDE

Appendix H7
Aboriginal Community Consultation
Notice of Final Public Meeting, Draft
Documents in Support of an
Application for REA, and Request for
Comments and Meeting

Fw: Whitesand First Nation Cogeneration and Pellet Mill Project - Update

Chris Shilton to: 01/10/2014 12:19 PM

Cc:

ctoset, lorianne.sinoway, "Chris Walton", "Tiina Ahokas", "David Mackett", Chris Shilton

Good Afternoon

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From: Chris Shilton/RJB
To:
Cc:
Date: 01/03/2014 03:26 PM

Subject: Whitesand First Nation Cogeneration and Pellet Mill Project - Update

Good Afternoon

I left a message for you earlier today to provide an update on the Whitesand First Nation Cogeneration and Pellet Mill Project. I will provide a brief update below, as well as ask your preference on some pending documents to be sent your way. Please let us know your preferences at your earliest convenience.

Renewable Energy Approval (O.Reg.359/09) Update

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 be held near the end of March 2014; the exact date will be on the notice.

Draft Documents and Notice Preferences

- Could you please let us know if you would prefer electronic or paper copies of the above Draft documents
- Could you please let us know if Greenstone Metis Council currently has a newspaper, and if you
 would like to publish our notice of public meeting in it.

Should you have any questions, or if you would like to discuss anything in more detail, please do not hesitate to contact me.

Thank you,



030895_Whitesand Notice of Final Public Meeting.pdf

Whitesand First Nation Cogeneration and Pellet Mill Project - Draft REA Documents Chris Shilton via Thru

to:

01/10/2014 03:27 PM

Hide Details

From: "Chris Shilton via Thru" <chris.shilton@rjburnside.com>

To:

This email includes secure access to files:

<u>Access Secured R.J. Burnside Files Here</u> - *Expires Saturday 1/18/2014 4:59 AM (UTC)* * If the link above does not work, copy the following URL to a web browser: https://files.rjburnside.com/ExDn.aspx?id=0276UVVJM5A

Good Afternoon

As mentioned in an e-mail sent earlier today, please follow the attached link to download our digital copies of Draft documents in support of an Application for Renewable Energy Approval of the Whitesand First Nation Cogeneration and Pellet Mill Project. Paper copies and a CD to those specified on the cover letter will follow next week by mail.

Please refer to the cover letter, which explains the above materials, project status, and process in more detail, including a request for any comments or concerns that you or your community may have regarding the project.

Should you have any questions or if you have any trouble downloading the digital documents, please do not hesitate to contact me.

Thank you,

Chris Shilton

Other message recipients:

From: chris.shilton@rjburnside.com

To: Cc:

Reply To All

Thru Tracking: T478-027-68562-89228

www.thruinc.com

NEEGAN BURNSIDE

January 10, 2014

Via: Mail

President
Greenstone Metis Council
Geraldton, ON POT 1M0

Dear

Re: 1) Notice of Final Public Meeting

2) Draft Documents in Support of an Application for Renewable Energy Approval

3) Request for Comments

Whitesand First Nation Cogeneration and Pellet Mill Project

File No.: 300030895.0000

Neegan Burnside Ltd. (Neegan) has been retained by Whitesand First Nation to prepare an Application for Renewable Energy Approval (REA) for the above-referenced biomass fueled electric power and heat cogeneration plant, and wood pellet facility, located on Crown Land in an unorganized territory of the Thunder Bay District near Whitesand First Nation and Armstrong, Ontario.

The project is subject to the provisions of the REA process as prescribed in Ontario Regulation 359/09 (O.Reg. 359/09). The REA process entails consideration of environmental aspects, natural heritage features and water bodies as well as heritage and archaeological resources. In addition, the REA process includes public, agency and Aboriginal consultations. A summary of the process is provided below.

Notice of Proposal and Notice of Public	Public Meeting #1	Completion of Technical Studies	Notice of Public Meeting #2 (and	Public Meeting #2	Project Layout Finalized	Reports Finalized	Submit REA Application to MOE	Notice of filing posted on Env. Registry	MOE Review	REA Decision
Meeting #1			release of draft studies)							



Please find enclosed a copy of the Notice of Final Public Meeting. If you would like the notice posted elsewhere in your community, please let us know and we will facilitate accordingly. As described in the notice, the final public meeting under O.Reg. 359/09 is scheduled for April 2, 2014 in Armstrong, Ontario.

We encourage your community to attend the public meeting as it is intended for all stakeholders. Should you feel that it is more appropriate that a specific meeting or information centre be held directly within your community or via conference call, please let us know, and we will facilitate accordingly.

We have also enclosed a paper copy and CD of the following Draft documents in support of an Application for Renewable Energy Approval, for your review:

- Draft Project Description Report;
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If you agree, we kindly ask that you please make the Draft documents available for viewing in your community.

It is essential that your concerns are identified such that the appropriate mitigation measures are incorporated into the project design. Upon review of the Draft documents noted above, please provide us with any comments or concerns you or your community may have regarding the project. In particular, please identify:

- any adverse impacts the project may have on constitutionally protected Aboriginal or treaty rights; and
- any suggested measures for mitigating those adverse impacts.

Your input and questions are encouraged. All interested stakeholders may learn more about the project and provide input via the communication avenues listed below.

Website: www.whitesandfirstnation.com

E-mail: whitesandbiomass@neeganburnside.com

Mail: Chris Shilton

Neegan Burnside Ltd.

292 Speedvale Avenue West, Unit 20

Guelph ON N1H 1C4

Phone/Fax: 1-800-935-0832

Your participation in this REA study is much appreciated.

Yours truly,

Neegan Burnside Ltd.

Chris Shilton, P.Eng., LEED®AP

Project Manager

CS:sd

Enc.

Cc Craig Toset, Business Development, Whitesand First Nation (no enc.)

(Via: Email)

David Mackett, Community Development, Whitesand First Nation (no enc.)

(Via: Email)

Chris Walton, Arbora Management Services (no enc.) (Via: Email)

, Metis Nation of Ontario (enc. Paper Copy of Draft REA

Documents, CD, and Notice) (Via:Mail)

Metis Nation of Ontario, Metis Consultation Unit (enc. CD and Notice) (Via:Mail)

, Metis Nation of Ontario Region 2 Consultation Committee (no

enc.) (Via:Email)

030895_Cover Letter for Notice of Final Meeting_Aboriginal - Greenstone Metis Council.doc 09/08/2013 12:30 PM

Fw: Whitesand First Nation Cogeneration and Pellet Mill Project - Update

Chris Shilton to:

01/10/2014 12:25 PM

Bcc: ctoset, Iorianne.sinoway, "Chris Walton", "Tiina Ahokas", "David Mackett", Chris Shilton

Good Afternoon Chief

As mentioned in my voicemail left earlier today, please see the attached Notice of Final Public Meeting for the Whitesand First Nation Cogeneration and Pellet Mill Project. We anticipate that the attached notice will be published in the Chronicle-Journal on January 23, and January 25, 2014. We would be happy to also have this notice published in the Gull Bay First Nation community newspaper, if you agree and if such a newspaper is currently being produced. Please let us know if there is anything we can do to facilitate publishing in your community newspaper.

Today, we will be sending paper copies and a CD of the reports outlined in the e-mail below, as well as a paper copy of the attached notice. We will also send an electronic transmittal of this submission via e-mail and our FTP service. The cover letter explains the materials, project status, and process in more detail, including a request for any comments or concerns that you or your community may have regarding the project.

Should you have any questions about the project or the above materials, please do not hesitate to contact me.

Thanks.

Chris Shilton

---- Forwarded by Chris Shilton/RJB on 01/10/2014 12:19 PM ----

From: Chris Shilton/RJB
To: 01/03/2014 03:30 PM

Subject: Whitesand First Nation Cogeneration and Pellet Mill Project - Update

Good Afternoon Chief

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Thank you,



030895_Whitesand Notice of Final Public Meeting.pdf

Whitesand First Nation Cogeneration and Pellet Mill Project - Draft REA Documents Chris Shilton via Thru

to:

01/10/2014 03:40 PM

Hide Details

From: "Chris Shilton via Thru" <chris.shilton@rjburnside.com>

To:

This email includes secure access to files:

Access Secured R.J. Burnside Files Here - Expires Saturday 1/18/2014 4:59 AM (UTC) * If the link above does not work, copy the following URL to a web browser: https://files.riburnside.com/ExDn.aspx?id=027IXKA2XFS

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Thank you,

Chris Shilton

Other message recipients:

From: chris.shilton@rjburnside.com

To: Cc:

Reply To All

Thru Tracking: T478-027-52754-82594

www.thruinc.com



January 10, 2014

Via: Mail

Chief

Gull Bay First Nation - Kiashke Zaaging Anishnaabek

Thunder Bay, ON P7B 6P9

Dear Chief

Re: 1) Notice of Final Public Meeting

2) Draft Documents in Support of an Application for Renewable Energy Approval

3) Request for Comments

Whitesand First Nation Cogeneration and Pellet Mill Project

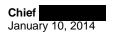
File No.: 300030895.0000

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Proposal and Notice of Public Meeting #1	Meeting #1	of Technical Studies	of Public Meeting #2 (and release of draft studies)	Meeting #2	Layout Finalized	Finalized	REA Application to MOE	of filing posted on Env. Registry	Review	Decision





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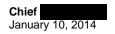
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Website: www.whitesandfirstnation.com

E-mail: whitesandbiomass@neeganburnside.com

Mail: Chris Shilton

Neegan Burnside Ltd.

292 Speedvale Avenue West, Unit 20

Guelph, ON N1H 1C4

Phone/Fax: 1-800-935-0832

Your participation in this REA study is much appreciated.

Yours truly,

Neegan Burnside Ltd.

Chris Shilton, P.Eng., LEED AP

Project Manager

CS:sd

Enc.

Cc Craig Toset, Whitesand First Nation (no enc.) (Via: Email)

David Mackett, Whitesand First Nation (no enc.) (Via: Email)

Chris Walton, Arbora Management Services (no enc.) (Via: Email)

030895_Cover Letter for Notice of Final Meeting_Aboriginal - Gull Bay FN.doc 10/01/2014 1:08 PM

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Chris Shilton to: ctoset

01/10/2014 12:32 PM

Bcc: Iorianne.sinoway, "Chris Walton", "Tiina Ahokas", "David Mackett", Chris Shilton

Good Afternoon Mr. Toset,

Please see the attached Notice of Final Public Meeting for the Whitesand First Nation Cogeneration and Pellet Mill Project. We anticipate that the attached notice will be published in the Chronicle-Journal on January 23, and January 25, 2014. We would be happy to also have this notice published in the Whitesand First Nation community newspaper, if you agree and if such a newspaper is currently being produced. Please let us know if there is anything we can do to facilitate publishing in your community newspaper.

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Thanks.

Chris Shilton

---- Forwarded by Chris Shilton/RJB on 01/10/2014 12:26 PM ----

From: Chris Shilton/RJB
To: ctoset@tbaytel.net,
Date: 01/03/2014 03:34 PM

Subject: Whitesand First Nation Cogeneration and Pellet Mill Project - Update

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030895_Whitesand Notice of Final Public Meeting.pdf

Whitesand First Nation Cogeneration and Pellet Mill Project - Draft REA Documents Chris Shilton via Thru

to:

01/10/2014 03:54 PM

Hide Details

From: "Chris Shilton via Thru" <chris.shilton@rjburnside.com>

To:

This email includes secure access to files:

<u>Access Secured R.J. Burnside Files Here</u> - *Expires Saturday 1/18/2014 4:59 AM (UTC)* * If the link above does not work, copy the following URL to a web browser: https://files.rjburnside.com/ExDn.aspx?id=027PPWZIBYB

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Thank you,

Chris Shilton

Other message recipients:

From: chris.shilton@rjburnside.com

To: ctoset@tbaytel.net

Cc:

Reply To All

Thru Tracking: T478-027-81347-18864

www.thruinc.com



January 10, 2014

Via: Mail

Chief Whitesand First Nation P.O. Box 68 Armstrong, ON POT 1A0

Dear Chief

Re: 1) Notice of Final Public Meeting

2) Draft Documents in Support of an Application for Renewable Energy Approval

3) Request for Comments

Whitesand First Nation Cogeneration and Pellet Mill Project

File No.: 300030895.0000

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Notice of Public	#1	Otudies	Meeting #2 (and	#2	Tillalized		to MOE	on Env. Registry		
Meeting #1			release of draft studies)							



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On December 20, 2013, we sent Whitesand First Nation and the Armstrong Local Service Board the following Draft documents in support of an Application for Renewable Energy Approval, for review:

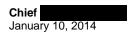
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E-mail: whitesandbiomass@neeganburnside.com

Mail: Chris Shilton

Neegan Burnside Ltd.

292 Speedvale Avenue West, Unit 20

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Phone/Fax: 1-800-935-0832

Your participation in this REA study is much appreciated.

Yours truly,

Neegan Burnside Ltd.

Chris Shilton, P.Eng., LEED®AP

Project Manager

CS:sd

Enc.

Cc Craig Toset, Business Development, Whitesand First Nation (no enc.)

(Via: Email)

David Mackett, Community Development, Whitesand First Nation (no enc.) (Via:

Email)

Chris Walton, Arbora Management Services(no enc.) (Via: Email)

030895_Cover Letter for Notice of Final Meeting_Aboriginal - Whitesand FN.doc 10/01/2014 1:10 PM

RE: Whitesand First Nation Cogeneration and Pellet Mill Project - Update
to: Chris Shilton
01/10/2014 03:40 PM Cc:
Hide Details
From:
To: Chris Shilton < Chris. Shilton@rjburnside.com>, Cc: "
Hi Chris,
Thank you. No harm in sending it to but as I said in previous email this project is not in his area and it is in area. It will not be necessary to send documents to in the future.
From: Chris Shilton [mailto:Chris.Shilton@rjburnside.com] Sent: January 10, 2014 3:36 PM To: Cc: ' Subject: RE: Whitesand First Nation Cogeneration and Pellet Mill Project - Update
Thank You,
As discussed, we have issued the documents as follows:
Paper copies of the Draft documents
 CD of the Draft documents Paper copy of the Notice of Final Public Meeting
 Digital copy of the above via E-mail and our FTP service: "THRU"
Paper copy of the Notice of Final Public Meeting
 Paper copies of the Draft documents CD of the Draft documents
 Paper copy of the Notice of Final Public Meeting Digital copy of the above via E-mail and our FTP service: "THRU"
Digital copy of the above via L-mail and out 1 11 Service. THINO

• Digital copy of the Draft documents and Notice of Final Public Meeting via E-mail and our FTP service: "THRU"

Metis Consultation Unit - 500 Old St. Patrick St., Unit D, Ottawa

- · CD of the Draft documents
- · Paper copy of the Notice of Final Public Meeting

Should you require anything further, please do not hesitate to contact me.

Thank you,

Chris Shilton

From:
To: Chris Shilton < Chris.Shilton@rjburnside.com >,
Cc:
Date: 01/10/2014 01:14 PM
Subject: RE: Whitesand First Nation Cogeneration and Pellet Mill Project - Update

Hello Chris,

This project is located in the Thunder Bay Metis Council area and representing them on the Region2 Consultation Committee. Could you please forward all information to me at the address below and I will ensure it gets distributed to the committee.

Regards,



Please consider the environment before printing this email.

This electronic transmission, including any accompanying attachments, may contain information that is confidential, privileged or exempt from disclosure under applicable law, and is intended only for the recipients named above. Any distribution, review, dissemination or copying of the contents of this communication by anyone other than the intended

recipients is strictly prohibited. If you have received this communication in error, please notify the sender immediately by return e-mail and permanently delete the copy you have received.

Ce message, transmis par courriel, y compris tout fichier joint, peut contenir des renseignements qui sont confidentiels, qui sont protégés par le secret professionnel ou qui ne peuvent être divulgués aux termes des lois applicable, et s'adresse exclusivement aux destinataires indiqués ci-dessus. La distribution, l'examen, la diffusion ou la reproduction du contenu du courriel par une autre personne que les destinataires voulus sont strictement interdits. Si vous recevez ce message par erreur, veuillez en aviser l'expéditeur immédiatement par retour du courriel et supprimer le courriel définitivement.

From: Chris Shilton [mailto:Chris.Shilton@rjburnside.com]

Sent: January 10, 2014 12:19 PM

To: Cc:

Subject: Fw: Whitesand First Nation Cogeneration and Pellet Mill Project - Update

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Should you have any questions about the project or the above materials, please do not hesitate to contact me.

Thanks,

NEEGANBURNSIDE

Chris Shilton

R.J. Burnside & Associates Limited 292 Speedvale Avenue West, Unit 20 Guelph, Ontario N1H 1C4 <u>Chris.Shilton@rjburnside.com</u>

tel: 519.823.4995 x539 fax: 519.836.5477 www.rjburnside.com

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This electronic transmission and any accompanying attachments may contain privileged or confidential information intended only for the

use of the individual or organization named above. Any distribution, copying or action taken in reliance on the contents of this communication by anyone other than the intended recipient(s) is STRICTLY PROHIBITED.

If you have received this communication in error please notify the sender at the above email address and delete this email immediately.

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Thank you.

---- Forwarded by Chris Shilton/RJB on 01/10/2014 10:50 AM ----

From: Chris Shilton/RJB
To:
Cc:
Date: 01/03/2014 03:26 PM

Subject: Whitesand First Nation Cogeneration and Pellet Mill Project - Update

Good Afternoon

I left a message for you earlier today to provide an update on the Whitesand First Nation Cogeneration and Pellet Mill Project. I will provide a brief update below, as well as ask your preference on some pending documents to be sent your way. Please let us know your preferences at your earliest convenience.

Renewable Energy Approval (O.Reg.359/09) Update

- Project fieldwork and investigations as required by O.Reg. 359/09 took place throughout 2013
- Our last public meeting took place on September 25, 2013 in Armstrong, Ontario

- Draft documents in support of an Application for Renewable Energy Approval have been prepared, including the following:
 - Draft Project Description Report
 - Stage 1 Archaeological Assessment
 - o Draft Natural Heritage Assessment
 - Records Review
 - Site Investigation
 - Evaluation of Significance
 - Environmental Impact Study
 - Draft Water Assessment Report
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 - Draft Cultural Heritage Self-Assessment
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 - Noise Study Report
 - o Draft Decommissioning Plan Report
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- We will also be sending you a notice for our final public meeting, which will take place prior to making a formal Application for Renewable Energy Approval. The public meeting is anticipated to be held near the end of March 2014; the exact date will be on the notice.

Draft Documents and Notice Preferences

- Could you please let us know if you would prefer electronic or paper copies of the above Draft documents
- Could you please let us know if Greenstone Metis Council currently has a newspaper, and if you would like to publish our notice of public meeting in it.

Should you have any questions, or if you would like to discuss anything in more detail, please do not hesitate to contact me.

Thank you,

Re: Whitesand First Nation Cogeneration and Pellet Mill Project - Draft REA

Documents 🗎

Chris Shilton to:

01/10/2014 04:36 PM

Thanks for the e-mail

Please feel free to contact me if you have any questions or concerns regarding the documents or the Project. As there is quite a bit of material in the documents, I might be able to help you with some context and explain the organization of the reports. In any event, a good starting point is to review the Draft Project Summary Report.

Thank you,

Chris

Hi Chris, Thank you very much for all the docum... 01/10/2014 04:28:18 PM

From:

To: Chris Shilton via Thru <chris.shilton@rjburnside.com>,

Cc: Date: 01/10/2014 04:28 PM

Subject: Re: Whitesand First Nation Cogeneration and Pellet Mill Project - Draft REA Documents

Hi Chris,

Thank you very much for all the documents. I will have some good reading this weekend.

Thunder Bay Metis Council

Region 2 Consultation Committee

On Fri, Jan 10, 2014 at 3:27 PM, Chris Shilton via Thru chris.shilton@rjburnside.com wrote:

This email includes secure access to files:

Access Secured R.J. Burnside Files Here - Expires Saturday 1/18/2014 4:59 AM (UTC)

* If the link above does not work, copy the following URL to a web browser: https://files.rjburnside.com/ExDn.aspx?id=027LTIMBZFL

Good Afternoon

As mentioned in an e-mail sent earlier today, please follow the attached link to download our digital copies of Draft documents in support of an Application for Renewable Energy Approval of the Whitesand First Nation Cogeneration and Pellet Mill Project. Paper copies and a CD to those specified on the cover letter will follow next week by mail.

Please refer to the cover letter, which explains the above materials, project status, and process in more detail, including a request for any comments or concerns that you or your community may have regarding the project.

Should you have any questions or if you have any trouble downloading the digital documents, please do not hesitate to contact me.

Thank you,

Chris Shilton

Other message recipients: From: chris.shilton@rjburnside.com To: Cc:

Reply To All

Thru Tracking: T478-027-68562-89228

www.thruinc.com

Fw: Whitesand First Nation Cogeneration and Pellet Mill Project - Update

Cc:

ctoset, lorianne.sinoway, "Chris Walton", "Tiina Ahokas", "David Mackett", Chris Shilton

Good Afternoon

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- Draft Construction Plan Report
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- Noise Study Report
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Draft Documents and Notice Preferences

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- Could you please let us know if Greenstone Metis Council currently has a newspaper, and if you
 would like to publish our notice of public meeting in it.

Should you have any questions, or if you would like to discuss anything in more detail, please do not hesitate to contact me.

Thank you,



030895_Whitesand Notice of Final Public Meeting.pdf



January 10, 2014

Via: Mail

President

Greenstone Metis Council

Dear

Re: 1) Notice of Final Public Meeting

2) Draft Documents in Support of an Application for Renewable Energy Approval

3) Request for Comments

Whitesand First Nation Cogeneration and Pellet Mill Project

File No.: 300030895.0000

Neegan Burnside Ltd. (Neegan) has been retained by Whitesand First Nation to prepare an Application for Renewable Energy Approval (REA) for the above-referenced biomass fueled electric power and heat cogeneration plant, and wood pellet facility, located on Crown Land in an unorganized territory of the Thunder Bay District near Whitesand First Nation and Armstrong, Ontario.

The project is subject to the provisions of the REA process as prescribed in Ontario Regulation 359/09 (O.Reg. 359/09). The REA process entails consideration of environmental aspects, natural heritage features and water bodies as well as heritage and archaeological resources. In addition, the REA process includes public, agency and Aboriginal consultations. A summary of the process is provided below.

Notice of Proposal and Notice of Public Meeting #1	Public Meeting #1	Completion of Technical Studies	Notice of Public Meeting #2 (and release of draft studies)	Public Meeting #2	Project Layout Finalized	Reports Finalized	Submit REA Application to MOE	Notice of filing posted on Env. Registry	MOE Review	REA Decision



Please find enclosed a copy of the Notice of Final Public Meeting. If you would like the notice posted elsewhere in your community, please let us know and we will facilitate accordingly. As described in the notice, the final public meeting under O.Reg. 359/09 is scheduled for April 2, 2014 in Armstrong, Ontario.

We encourage your community to attend the public meeting as it is intended for all stakeholders. Should you feel that it is more appropriate that a specific meeting or information centre be held directly within your community or via conference call, please let us know, and we will facilitate accordingly.

We have also enclosed a paper copy and CD of the following Draft documents in support of an Application for Renewable Energy Approval, for your review:

- Draft Project Description Report;
- Stage 1 Archaeological Assessment;
- Draft Natural Heritage Assessment;
 - Records Review
 - Site Investigation
 - Evaluation of Significance
 - Environmental Impact Study
- Draft Water Assessment Report;
 - Records Review
 - Site Investigation
- Draft Surface Water Assessment Report;
- Draft Effluent Management Plan Report
- Draft Construction Plan Report;
- Draft Design and Operations Report;
 - Draft Cultural Heritage Self-Assessment
 - Hydrogeological Assessment
- Draft Emission Summary and Dispersion Modelling Report;
- Noise Study Report; and
- Draft Decommissioning Plan Report.

A Draft Project Summary Report is also enclosed to assist in your review. This report provides an overview of the project and a summary of each report identified above.

If you agree, we kindly ask that you please make the Draft documents available for viewing in your community.

It is essential that your concerns are identified such that the appropriate mitigation measures are incorporated into the project design. Upon review of the Draft documents noted above, please provide us with any comments or concerns you or your community may have regarding the project. In particular, please identify:

- any adverse impacts the project may have on constitutionally protected Aboriginal or treaty rights; and
- any suggested measures for mitigating those adverse impacts.

Your input and questions are encouraged. All interested stakeholders may learn more about the project and provide input via the communication avenues listed below.

Website: www.whitesandfirstnation.com

E-mail: whitesandbiomass@neeganburnside.com

Mail: Chris Shilton

Neegan Burnside Ltd.

292 Speedvale Avenue West, Unit 20

Guelph ON N1H 1C4

Phone/Fax: 1-800-935-0832

Your participation in this REA study is much appreciated.

Yours truly,

Neegan Burnside Ltd.

Chris Shilton, P.Eng., LEED®AP

Project Manager

CS:sd

Enc.

Cc Craig Toset, Business Development, Whitesand First Nation (no enc.)

(Via: Email)

David Mackett, Community Development, Whitesand First Nation (no enc.)

(Via: Email)

Chris Walton, Arbora Management Services (no enc.) (Via: Email)

, Metis Nation of Ontario (enc. Paper Copy of Draft REA

Documents, CD, and Notice) (Via:Mail)

Metis Nation of Ontario, Metis Consultation Unit (enc. CD and Notice) (Via:Mail)

, Metis Nation of Ontario Region 2 Consultation Committee (no

enc.) (Via:Email)

030895_Cover Letter for Notice of Final Meeting_Aboriginal - Greenstone Metis Council.doc 09/08/2013 12:30 PM

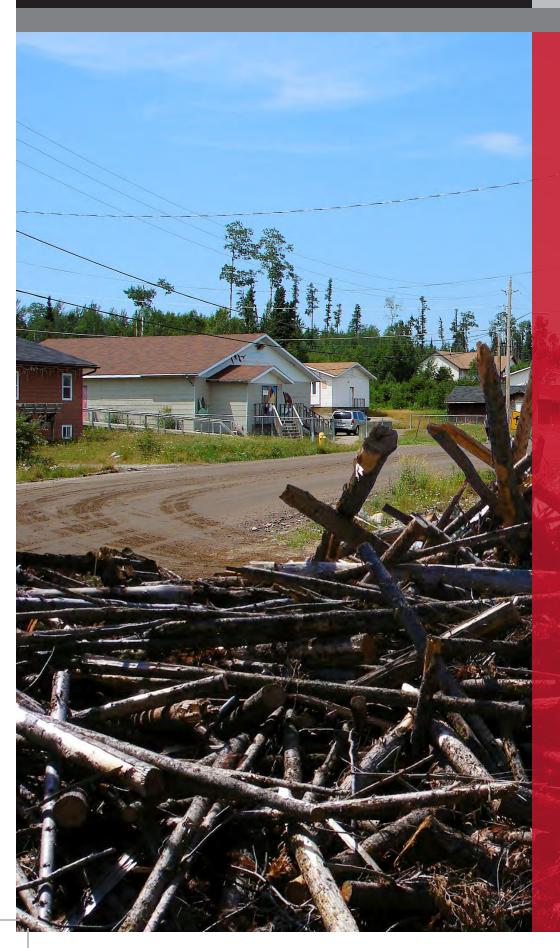
NEEGAN BURNSIDE

Appendix H8

Aboriginal Community Consultation

Draft Project Summary Report

MEEGANBURNSIDE



Whitesand First Nation
Cogeneration and Pellet Mill Project

Draft Project Summary Report

Sagatay Cogeneration LP

December 2013





Whitesand First Nation Cogeneration and Pellet Mill Project

Draft Project Summary Report

Prepared By:

Neegan Burnside Ltd. 292 Speedvale Avenue West Unit 20 Guelph ON N1H 1C4

Prepared for:

Sagatay Cogeneration LP, with its General Partner, Sagatay Cogeneration Ltd., and Whitesand First Nation as agent

December 2013

File No: 300030895

The material in this report reflects best judgement in light of the information available at the time of preparation. Any use which a third party makes of this report, or any reliance on or decisions made based on it, are the responsibilities of such third parties. Neegan Burnside Ltd. accepts no responsibility for damages, if any, suffered by any third party as a result of decisions made or actions based on this report.

Draft Project Summary Report January 2014

Record of Revisions

Revision	Date	Description				
0	January 8, 2014	Submission to Aboriginal Communities for Consultation				

Draft Project Summary Report January 2014

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Draft Project Summary Report January 2014

1.0 Introduction

This Draft Project Summary Report provides a summary of the Draft documents prepared in support of an Application for Renewable Energy Approval (REA) of the Whitesand First Nation Cogeneration and Pellet Mill Project. This report has been prepared in accordance with Section 17(1)(3) of Ontario Regulation 359/09 of the *Environmental Protection Act* (O.Reg. 359/09).

1.1 Project Overview

Sagatay Cogeneration LP, with its General Partner, Sagatay Cogeneration Ltd., and Whitesand First Nation ("Whitesand") as agent, is proposing to develop, construct and operate a biomass fueled electric power and heat cogeneration plant, and wood pellet facility (the "Project"). The Project is located on Crown Land in an unorganized territory of the Thunder Bay District near Whitesand First Nation and Armstrong, Ontario. The unorganized territory is administered by the Armstrong Local Service Board and the Project will be located solely on the traditional territory of Whitesand First Nation.

The general Project components include a biomass fueled electric power and heat cogeneration plant, wood pellet plant, maintenance garage, material storage and handling areas, wastewater management system, water storage pond, wells, pump building, and transformer substation. The only biomass used to fuel the cogeneration plant will be woodwaste, making it a Class 1 Thermal Facility under O.Reg. 359/09. The proposed Class 1 Thermal Facility would have a nameplate capacity of up to 4.3 MW, and would displace the energy supply from existing diesel generators servicing the community via a local grid, operated by Hydro One Remote Communities Inc., as well as supply electricity for the Project. The local grid is not connected to the Provincial grid, and there are no such future plans for a transmission connection.

As the cogeneration facility and ancillary equipment is classified as a Class 1 Thermal Facility under O.Reg. 359/09, an Application for Renewable Energy Approval is being prepared under O.Reg. 359/09.

The remaining Project components that are not considered to be part of the renewable energy generation facility are subject to Environmental Compliance Approval administered by the Ministry of the Environment ("MOE") and the Class Environmental Assessment for Ministry of Natural Resources ("MNR") Resource Stewardship and Facility Development Projects.

Draft Project Summary Report January 2014

1.2 Name of the Project and Applicant

The name of the Project and Applicant are provided in **Table 1**.

Table 1 Name of Project and Applicant

Name of Project	Whitesand First Nation Cogeneration and Pellet Mill Project
Name of Applicant	Sagatay Cogeneration LP, with its General Partner, Sagatay
	Cogeneration Ltd., and Whitesand First Nation as Agent

The Project is also referred to as the Community Sustainability Initiative (CSI).

1.3 Contact Information

General contact information for the Project is as follows:

Website: www.whitesandfirstnation.com

E-mail: whitesandbiomass@neeganburnside.com

Phone & Fax: 1-800-935-0832

Applicant

As noted in **Table 1**, the Project Applicant is Sagatay Cogeneration LP, with its General Partner, Sagatay Cogeneration Ltd., and Whitesand First Nation as agent.

The principal contact for the Applicant is:

Name: Craig Toset, Project Manager

Company: Whitesand First Nation

Address: PO Box 68

Armstrong, Ontario, P0T 1A0

E-mail: ctoset@tbaytel.net

Telephone: 807-583-2177 Fax: 807-583-2170

Consultant

Neegan Burnside Ltd. was retained by Whitesand First Nation as the environmental permitting consultant. Neegan Burnside Ltd. is a majority owned Aboriginal firm providing engineering and environmental consulting services.

Draft Project Summary Report January 2014

The principal Project consultant representing the Applicant is:

Name: Chris Shilton, Project Manager

Company: Neegan Burnside Ltd.

Address: 292 Speedvale Avenue West, Unit 20

Guelph, Ontario N1H 1C4

E-mail: chris.shilton@neeganburnside.com

Telephone: 519-823-4995 Fax: 519-836-5477

1.4 Project Location

The Project is located on Crown Land in an unorganized territory of the Thunder Bay District near Whitesand First Nation and Armstrong, Ontario; approximately 210 km north of Thunder Bay, and 2 km south of Armstrong. The Project will be located on the traditional territory of Whitesand First Nation. This Project context is shown in the key map of **Figure A1** of **Appendix A**.

The "project location" is defined in O. Reg. 359/09 as:

"a part of land and all or part of any building or structure in, on or over which a person is engaging in or proposes to engage in the project and any air space in which a person is engaging in or proposes to engage in the project".

The Project Location also includes any temporary work areas required to construct the Project. The cogeneration plant, pellet plant, maintenance garage, wastewater management system, water storage pond, and associated equipment and temporary work areas will be contained within a boundary of approximately 35 ha as shown in **Figure A1** of **Appendix A**. For reference, a Site Plan of the Project is shown within the Project Location in **Figure A1** of **Appendix A**. Any future Site Plan changes associated with the Project as a result of detailed design will remain within the Project Location.

There is an existing electricity distribution connection owned and operated by Hydro One Remote Communities Inc. that will be used to connect the Project to the local grid. It is within an existing right-of-way extending from the site to the nearby existing diesel generating station. Any upgrades required to the existing electricity distribution connection will be the responsibility of Hydro One Remote Communities Inc.

Draft Project Summary Report January 2014

1.5 Project Schedule

The anticipated Project schedule is presented in **Table 2** below.

Table 2 Project Schedule

Project Activity	Anticipated Schedule
Issue First Draft Project Description Report	June 2013
REA Technical Studies	2013 through 2014
Public Information Centre #1	September 25, 2013
Issue Draft REA Reports to the Local Service Board	December 2013
Issue Draft REA Reports to the Public	January 2014
Public Information Centre #2	March 2014
REA Submission/Approval	April/August 2014
Start of Construction	Summer/Fall 2014
Project Operation	2015-2040
Decommissioning	2041

1.6 Operating Schedule

The proposed Project operating schedule is presented in **Table 3** below.

Table 3 Operating Schedule

Project Component	Seasonal & Weekly Operation	Daily Operation		
Cogeneration Plant	All year, 7 days/week	24 hours/day		
Pellet Plant	All year, 7 days/week	24 hours/day		
Wood Processing Yard	All year, 7 days/week	12 hours/day		

Draft Project Summary Report January 2014

2.0 Summary of Draft REA Documents

As required by Section 17(1)(3) of O.Reg. 359/09, this Draft Project Summary Report provides a summary of each Draft document that will be made available to the public for review at least 60 days before the Project's final public meeting. The following sections summarize each Draft document, including:

- Draft Project Description Report
- Stage 1 Archaeological Assessment
- Draft Natural Heritage Assessment
 - Records Review
 - Site Investigation
 - Evaluation of Significance
 - Environmental Impact Study
- Draft Water Assessment Report
 - Records Review
 - Site Investigation
- Draft Surface Water Assessment Report
- Draft Effluent Management Plan Report
- Draft Construction Plan Report
- Draft Design and Operations Report;
 - Draft Cultural Heritage Self-Assessment
 - Hydrogeological Assessment
- Draft Emission Summary and Dispersion Modelling Report
- Noise Study Report; and
- Draft Decommissioning Plan Report.

2.1 Draft Project Description Report

The Draft Project Description Report serves as the central summary document for the Project, and describes the following:

- General information regarding the Project and Applicant;
- Project Location and land use details;
- Processes and equipment for each component at the facility;
- Activities that will take place during the various phases of the Project; and,
- Potential negative effects that may result from engaging in the Project, including mitigation, monitoring, and contingency measures that will be implemented to address each potential negative effect.

Draft Project Summary Report January 2014

The potential negative effects, mitigation, monitoring, and contingency measures described in the Draft Project Description Report are the same as those presented in Section 3.0 of this Draft Project Summary Report, and are the result of the investigations described in the remaining Draft REA documents.

The Draft Project Description Report concludes that the Whitesand First Nation Cogeneration and Pellet Mill Project can be constructed, operated, maintained, and decommissioned without causing significant negative environmental effects. This will be achieved through proper implementation of the mitigation, monitoring, and contingency measures outlined in the report.

2.2 Stage 1 Archaeological Assessment

The Stage 1 Archaeological Assessment for the Project was conducted by a licensed Archaeological Consultant retained by Neegan Burnside Ltd. The report was prepared in accordance with the Ministry of Tourism, Culture and Sport's 2011 Standards and Guidelines for Consultant Archaeologists.

The Stage 1 Archaeological Assessment describes the historical and archaeological context of the Project Location and surrounding lands, including the geological, economic, political, cultural, and social setting.

The findings of a property inspection are also documented, including site photos, with captions and a photo location plan.

The report concludes that the property exhibits no archaeological potential, or that the potential represented by the spillway valley wall has been severely degraded by forest harvest and replanting. As such, the report recommends no further archaeological assessment to be undertaken for the Project.

The Ministry of Tourism, Culture and Sport has reviewed this Stage 1 Archaeological Assessment and has provided a letter stating that the fieldwork and reporting are consistent with the Ministry's 2011 Standards and Guidelines for Consultant Archaeologists and the terms and conditions for archaeological licenses. The letter from the Ministry of Tourism, Culture and Sport is appended to the Stage 1 Archaeological Assessment for reference.

2.3 Draft Natural Heritage Assessment

The Draft Natural Heritage Assessment provides detailed information regarding the natural environment at the Project Location and surrounding area. Information

Draft Project Summary Report January 2014

pertaining to water bodies is provided in the Draft Water Assessment Report, under a separate cover.

The Draft Natural Heritage Assessment is organized in four parts, corresponding to the various requirements of O.Reg. 359/09, as follows:

Part I: Records Review

Part II: Site Investigation

Part III: Evaluation of Significance

Part IV: Environmental Impact Study

Part I: Records Review

The Records Review describes the findings of available background documents indicating the potential for natural heritage features to be present at or within 120 m of the Project Location.

The Records Review identified existing records of a number of significant or potentially significant features within 120 m of the Project Location which were brought forward for further study in the Site Investigation. In addition, several features were also brought forward due to a lack of background information and records which did not allow their presence to be ruled out. These included:

- Habitat of Threatened and Endangered Species
- Unevaluated northern wetlands
- Candidate Significant Wildlife Habitat, including:
 - Seasonal Concentration Areas of Animals:
 - Moose late winter habitat
 - Colonial bird nesting sites
 - Waterfowl stopover and staging areas
 - Waterfowl nesting
 - Raptor winter feeding and roosting areas
 - o Turkey vulture summer roosting areas
 - Reptile hibernacula
 - Bat hibernacula
 - Rare Vegetation Communities:
 - Alvars
 - Tallgrass prairies
 - o Savannahs
 - Rare forest types
 - Talus slopes

Draft Project Summary Report January 2014

- Rock barrens
- Sand barrens
- Specialized Habitat for Wildlife:
 - Habitat for area-sensitive species
 - Forests providing a high diversity of habitats
 - Old growth or mature forest stands
 - o Amphibian woodland breeding ponds
 - Turtle nesting habitat
 - Specialized raptor nesting habitat
 - Moose calving areas
 - Moose aquatic feeding areas
 - Mineral licks
 - Mink, otter, marten and fisher denning sites
 - Highly diverse areas
 - Cliffs
 - Seeps and springs
- Habitat for Species of Conservation Concern:
 - Special concern and rare wildlife species
- Animal Movement Corridors:
 - Animal movement corridors

Part II: Site Investigation

The Site Investigation describes the methodology and results of the natural heritage field investigations undertaken for the Project.

The Site Investigation was undertaken from August 20-21, 2013 and included:

- A general site reconnaissance;
- Vegetation surveys and Ecosite Unit Classification mapping (Racey et.al., 1996);
- Vegetation surveys to identify the boundaries of wetland features using the Ontario Wetland Evaluation System for Northern Ontario (MNR, 2013);
- Verification and identification of candidate significant wildlife habitat and natural features as outlined in MNR's Significant Wildlife Habitat Technical Guide (2000) and in the Records Review (Part I); and,
- Incidental wildlife and habitat observations.

Work completed during the Site Investigation identified two significant and candidate significant natural features at, and within 120 m of, the Project Location. These include:

Significant habitat for Threatened and Endangered species; and,

Draft Project Summary Report January 2014

Candidate habitat for species of conservation concern.

These were both brought forward for further assessment in the Evaluation of Significance (Part III).

Part III: Evaluation of Significance

The purpose of the Evaluation of Significance (EOS) is to:

- Determine if a feature identified during the Site Investigation is:
 - Provincially significant;
 - Significant; or,
 - Not significant,
- Determine, based on Appendix D of the Natural Heritage Assessment Guide for Renewable Energy Projects (MNR, 2012), if a feature:
 - Must be evaluated;
 - Can be treated as significant; or,
 - Can be treated as significant as an interim measure and evaluated at a later date.

The EOS was conducted as a desktop exercise and included a review of criteria listed in the following documents:

- Significant Wildlife Habitat Technical Guide (MNR, 2000); and,
- Appendix D: Process for Identifying and Addressing Significant Wildlife Habitat in Natural Heritage Assessment Guide for Renewable Energy Projects, Second Addition (MNR, 2012).

No fieldwork was conducted as part of the EOS.

Results of the EOS were as follows:

- Habitat for Threatened and Endangered species (woodland caribou) is provincially significant; and,
- Habitat for species of conservation concern (olive-sided flycatcher and eastern wood-pewee) will be treated as significant on an interim basis and confirmed prior to construction.

Part IV: Environmental Impact Study

The Environmental Impact Study identifies and addresses any potential negative environmental effects that the Project may cause to significant or provincially significant

Draft Project Summary Report January 2014

natural features within 120m of the Project Location (ie. the natural features identified in the EOS above).

The primary mitigation measure employed to reduce impacts to natural features and functions was avoidance. Siting of the Project was undertaken with consideration of potential impacts to natural features, wildlife and wildlife habitat. The Project is sited predominately on lands previously disturbed by an old logging camp and past timber harvesting activities.

Category 3 habitat is present for woodland caribou. This habitat does not include any significant features for the species and no recent sightings of caribou have been noted by local residents (pers. comm., August 20, 2013). The Project is located in the vicinity of the existing diesel generation station, an active MTO works yard, railway and an active gravel pit. As such, the site currently experiences disturbances due to noise and human presence. The Project will contribute additional noise sources to the area. Noise has been minimized to the extent possible by site plan design and equipment selection, and the facility will be designed to meet all provincial noise limits as required by O.Reg. 359/09 and the Environmental Compliance Approval (ECA) process.

As such, impacts to woodland caribou are expected to be negligible. No specific mitigation measures are required. However, as the habitat is regulated under the general habitat provisions of the *ESA*, *2007*, the MNR will be consulted prior to construction regarding any permitting requirements.

Species of Conservation Concern, including olive-sided flycatcher and eastern wood-pewee may be breeding on, and within 120 m of the Project Location. Habitat for these species, if present, will be lost for the duration of the facility operation.

Species may also be disturbed by noise and dust during construction and operations. As previously described, background noise is currently present due to the adjacent diesel generation station, MTO works yard and gravel pit. Noise levels are likely to increase but will remain within permitted thresholds set by the MOE.

The following mitigation measures were recommended:

- Any vegetation clearing should occur outside of the breeding bird season (May 16-August 8).
- If vegetation clearing must occur during this period due to unforeseen circumstances, the area should be surveyed by a qualified avian ecologist no more than two days before the clearing. If there is confirmed evidence of nesting for either of these two species, clearing should be avoided. If clearing cannot be avoided, the MNR will be

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- contacted for advice regarding any potential mitigation options. No work within the affected habitat will occur without MNR approval.
- General mitigation measures will be used to ensure that clearing, grading, material storage and other construction activities do not encroach beyond the Project Location. These are described in detail in the Construction Plan Report and include:
 - The installation of sediment and erosion control fencing to limit the movement of sediment beyond the Project Location; and,
 - The boundaries of the Project Location will be surveyed and clearly marked.
- General mitigation measures will be used to minimize noise during construction and operations to minimize noise disturbance, as described in the Construction Plan Report and Design and Operations Report. Noise levels will be maintained within the limits specified in the REA and ECA approval.

During operations, the environmental effects of the facility will be monitored to ensure that there are no significant impacts on olive-sided flycatcher and eastern wood-pewee. Environmental effects monitoring will include:

- Two years of post-construction monitoring to determine whether the species are continuing to nest in habitats adjacent to the Project Location.
- Surveys will be conducted using the same methodology planned for pre-construction Habitat Use Studies.
- If a significant decline in nesting behaviour is observed, contingency measures may be developed, if required, in consultation with the MNR.
- Results of yearly monitoring will be documented in annual reports to be submitted to the MNR on an annual basis.

Habitat use studies will be completed in the spring of 2014 to confirm the significance of Habitat for Species of Conservation Concern. If it is found that the habitat is not significant, the mitigation measures noted above will continue to be required as they represent best practices which should be adopted for any project of this nature. The exception is that the two years of post-construction monitoring will not be required.

2.4 Draft Water Assessment Report

The Draft Water Assessment Report provides detailed information regarding the water bodies in the vicinity of the Project Location.

The Draft Water Assessment Report is organized in two parts, corresponding to the various requirements of O.Reg. 359/09, as follows:

Part I: Records ReviewPart II: Site Investigation

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Part I: Records Review

The Records Review describes the findings of available background documents indicating the potential for water bodies to be present at or within 120 m of the Project Location.

Based on the review of existing information, agency records, and a Site Investigation, no water bodies or water features are present within 120 m of the Project Location, though five are found within 300 m of the Project Location. A detailed description of the records review and the Site Investigation of these local water bodies are discussed in the Water Assessment Report.

Part II: Site Investigation

The Site Investigation describes the methodology and results of the water assessment field investigations undertaken for the Project.

Five ponds within 300 m of the Project Location were studied during the Site Investigation. Based on substrate and soil types, and the comparison of regional water well records to the local topography at the Project Location, all of the ponds were interpreted to be groundwater fed though no groundwater seeps were observed during Site reconnaissance. No fish were observed in any of the ponds.

Since no components of the Project will be located within the setback distances established in O.Reg. 359/09, a Water Body Report was not required to be prepared.

2.5 Draft Surface Water Assessment Report

The Draft Surface Water Assessment Report describes facility design features and mitigation measures that will be implemented to minimize adverse effects on surface water features in the vicinity of the Project Location.

While five water bodies were found to be present within 300 m of the Project Location, none of them are located at or within 120 m of the Project Location. As such, no plans, specifications, or descriptions of them are provided in the Draft Surface Water Assessment Report. Further details on the five water bodies noted above can be found in the Draft Water Assessment Report.

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The report assesses the suitability of the facility for the handling, storage and processing of biomass, taking into account:

- Facility Design;
- 2. Surface Water Features Within 300 m of Biomass Locations;
- Environmental Effects Of Leachate Production; and,
- 4. Contingency Plan Feasibility.

A monitoring program and contingency measures are described in the report to detect and respond to potential impacts on water bodies in the vicinity of the Project.

The report also describes the stormwater management features of the Project during operation. Stormwater management during Project operation is proposed to be addressed by a vegetated filter strip and/or a bio-swale as detailed in the report. It is also noted that the soil's high porosity and deep groundwater table at the Project Location will promote infiltration and reduce stormwater runoff. Calculations are shown, indicating a negligible increase in runoff resulting from the Project.

Finally, Erosion and Sediment Control measures to be implemented during construction and decommissioning are described to address erosion and sedimentation resulting from activities during those Project phases.

2.6 Draft Effluent Management Plan Report

The Draft Effluent Management Plan Report addresses the wastewater anticipated to be generated by the Project.

The proposed Project will produce two wastewater streams: process wastewater mainly from the cogeneration plant and sanitary wastewater generated by employees that work at the facilities. There is no municipal wastewater servicing at the Site, therefore, both wastewater streams will need to be treated and discharged on site.

Sanitary and process wastewater flows are to be collected via pump station at each applicable building and pumped to the treatment facility, or conveyed to the treatment facility via gravity pipe network if feasible.

Sanitary sewage flows are estimated to be 3,900 L/d and are expected to be similar in quality to domestic sewage. Therefore, sanitary sewage is proposed to be treated via septic tank.

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Process wastewater flows will be produced mainly by the cogeneration plant and are estimated to be 96,100 L/d. The type of process wastewater treatment will be determined by the effluent limits which are to be determined based on consultation with MOE.

The Site conditions are conducive to subsurface infiltration; therefore, sanitary and process effluent are proposed to be disposed of in a common in-ground leaching bed rated for 100,000 L/d. It is estimated that both the process and sanitary wastewaters can be treated and disposed of within a 1.2 ha area.

2.7 Draft Construction Plan Report

The Construction Plan Report describes Project construction activities, timing, materials, traffic, and potential negative environmental effects with associated mitigation, monitoring and contingency measures.

Construction of the Project is estimated to take 16-18 months, from September 2014 to December 2015. Within this timeframe, specific construction activities have been scheduled to protect potentially affected terrestrial wildlife.

Construction-related activities of the Project generally involve:

- Survey for Project layout (pre-construction);
- Installation of erosion and sediment control measures:
- Site preparation, clearing and grubbing;
- General earthworks (site grading);
- Installation of the water supply distribution system;
- Construction of the wastewater management system;
- Installation of remaining underground utilities;
- Installation of the transformer substation;
- Excavation for site building foundations;
- Excavation for water storage pond, installation of liner, and pond filling;
- Construction of site foundations / footings;
- Construction of site buildings;
- Fine-grading and drainage features;
- Installation of security systems;
- Installation of equipment in site buildings;
- Finishing of granular access roads and paving;
- Installation of mechanical equipment in the wood processing yard;
- Site restoration; and
- Equipment commissioning.

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The majority of construction activities will be completed using standard equipment, materials, and methods utilized in Ontario for electricity generation and land development projects.

Each potential negative environmental effect during construction has been analyzed in the report with the following key considerations:

- The magnitude of the effect both in intensity and spatial scale;
- The proximity of the effect in relation to the Project;
- The likelihood of occurrence and reoccurrence of the effect;
- The timing and duration of the effect; and,
- The permanence or irreversibility of the effect.

For each potential negative effect, appropriate mitigation, monitoring, and contingency measures were developed. These typically involve setbacks from environmental features, timing restrictions, erosion and sediment control measures, inspections, reporting, and rehabilitation measures.

During detailed design, the proposed mitigation, monitoring, and contingency measures described in the Construction Plan Report will be translated into construction contract specifications as appropriate to fulfill the REA obligations.

The Construction Plan Report concludes that the Whitesand First Nation Cogeneration and Pellet Mill Project can be constructed without causing significant adverse environmental effects through proper implementation of the mitigation, monitoring and contingency measures outlined in the report.

2.8 Draft Design and Operations Report

The Design and Operations Report provides a detailed assessment of the equipment and processes at the facility, and includes:

- A Site Plan for the Project;
- Facility design features, particularly as they relate to the protection of the environment and public;
- Activities and processes to be performed during the operational phase;
- An Environmental Effects Monitoring Plan; and
- Details regarding communications and emergency response plans.

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Some components of the Project are not considered part of the renewable energy generation facility (such as the pellet plant), and as such are not subject to O.Reg. 359/09. However, they have been described and evaluated in the Design and Operations Report to properly assess the cumulative effect of engaging in the Project.

A detailed assessment is provided regarding all material inputs and discharges (i.e., water taking, solid waste, wastewater, air emissions, etc.) from the Project during operation. Since the Project will require more than 50,000 L/d of water to support facility operations, a Draft Hydrogeological Assessment was prepared, and provided as Appendix D to the Draft Design and Operations Report. Appendix D assesses the groundwater characteristics and demonstrates that an existing well on site can supply water at the required demand without having adverse impacts on existing wells in the surrounding area, including those in Armstrong, Ontario.

An Environmental Effects Monitoring Plan has been prepared in accordance with the requirements of O.Reg. 359/09. Each potential negative environmental effect as a result of engaging in the Project is identified and assessed for performance objectives, mitigation strategies, monitoring, and contingency measures. Mitigation will be implemented through a variety of mechanisms, including contract documents, management structures, training, change management, and environmental procedures.

A Communications Plan will be developed and implemented during construction, operation, and decommissioning of the Project. These plans will ensure stakeholders and government agencies are informed regarding pertinent Project activities. An Emergency Response Plan will also be developed and implemented throughout all phases of the Project to mitigate potential impacts from any emergency that may occur.

In accordance with REA requirements, cultural heritage features must be addressed in the Design and Operations Report. Since the Stage 1 Archaeological Assessment determined that "The extensive modification of the ground surface has severely degraded any cultural heritage potential...", Section 23(2) of O.Reg. 359/09 was followed to perform a self-assessment for the potential of cultural heritage resources. A Draft Cultural Heritage Self-Assessment is included as Appendix C of the Draft Design and Operations Report. Online research, site investigations, and consultation to date indicate there is low potential for the presence of a heritage resource at the Project Location. Written correspondence from the Armstrong Local Service Board and Whitesand First Nation is pending for confirmation of this assessment.

The Draft Design and Operations Report concludes that safe and reliable operation of the Whitesand First Nation Cogeneration and Pellet Mill Project can be implemented without causing significant adverse environmental effects. This will be achieved through

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proper implementation of the mitigation, monitoring, and contingency measures outlined in the report.

2.9 Draft Emission Summary and Dispersion Modelling Report

The Draft Emission Summary and Dispersion Modelling (ESDM) Report was prepared in accordance with Section 26 of Ontario Regulation 419/05 (O.Reg. 419/05). The report identifies and assesses the significance of site contaminants and their sources, describes data and techniques applied in air dispersion modelling performed for the site, and provides a summary table of expected emissions.

Since the Project is subject to s.20 of O. Reg. 419/05, the discharge from the Project is required to meet the standards in Schedule 3 of O. Reg. 419/05 using one of the approved dispersion models listed in Section 6 of O. Reg. 419/05. The AERMOD dispersion model has been used in the Draft ESDM Report to demonstrate compliance.

The emission rate estimates for each source of significant contaminants are documented in the report. All emission rates correspond to the operating scenario where all sources are operating simultaneously at their individual maximum rates of production. Therefore, these emission rate estimates are not likely to be an underestimate of the actual emission rates. Backup equipment was modelled separately, as they will not be running simultaneously with all other onsite sources.

The modelling impact of contaminant emissions has been assessed as the worst case maximum Point of Impingement (POI) concentrations against Schedule 3 criteria using the appropriate averaging period. A POI concentration for each contaminant emitted from the Project was calculated based on the calculated emission rates and the output from the Air Dispersion model.

The maximum POI concentrations were calculated based on the operating conditions where all significant sources are operating simultaneously at their individual maximum rates of production. The maximum emission rates for each significant contaminant emitted from the significant sources were calculated in accordance with Section 11 of O.Reg. 419, and the data quality assessment follows the process outlined in the requirements of the ESDM Procedure Document published by the Ministry of the Environment.

The POI concentrations were then compared against criteria listed in the publication "Summary of O. Reg. 419 Standards, Points of Impingement Guidelines and Ambient Air Quality Criteria (AAQC)" dated February 2008 and "Jurisdictional Screening Level (JSL) List, A Screening Tool for Ontario Regulation 419: Air Pollution – Local Air Quality", 6547e.pdf (List of Ministry POI Limits).

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Of the contaminants that have limits in the List of Ministry POI Limits, all the predicted POI concentrations are below the corresponding limits. For example, the 24 hr POI concentration for particulate matter is 113.60 µg/m³ at 94.7 % of the guideline of 120 µg/m³ after removing the meteorological outliers.

The Draft ESDM Report demonstrates that the Project can operate in compliance with O. Reg. 419/05.

2.10 Noise Study Report

The Noise Study Report for the Project was prepared by a noise consultant retained by Neegan Burnside Ltd., and was prepared according to the requirements of O.Reg. 359/09.

The Noise Study Report provides an inventory and assessment of all significant noise sources from the proposed Project, including the time of day in which the noise emissions will occur. It also characterizes the background conditions at the Project Location as a Class 2 area.

The closest Points of Reception (i.e., residence, hotel, school, etc.) from the Project are identified in the report as the Armstrong Public School, McKenzie Inn/Cottages, and a residential dwelling, north of the Project. All of these points of reception are over 1000 m from the proposed facility.

Noise impact tables and contour maps are provided in the report to describe the predicted "worst-case" noise levels at the closest points of reception and in the vicinity of the Project. Based on the predicted noise emission results, the Project complies with the Class 2 area noise limits regulated by the Ministry of the Environment.

2.11 Draft Decommissioning Plan Report

The Draft Decommissioning Plan Report explains how the Project Location will be restored to a clean and safe condition at the end of the life of the Project. Steps will include the retiring of the elements of the renewable energy generation facility, restoring or rehabilitating the land, and prudently handling the excess of materials and waste.

The Draft Decommissioning Plan Report has been prepared in accordance with O.Reg. 359/09, which sets out specific content requirements, including:

Procedures for dismantling or demolishing the facility;

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 Activities related to the restoration of any land and water negatively affected by the facility; and,

Procedures for managing excess material and waste.

The equipment utilized in the Project has a typical operational lifespan of approximately 25 years. The Draft Decommissioning Plan Report report describes the decommissioning activities for the facility components that will occur at the end of the equipment's useful life. It also discusses requirements in the event that Sagatay Cogeneration LP is unable to complete the construction or abandons the project.

Upon completion of decommissioning, the Project area will be restored to its predevelopment state, subject to regulatory and Land Use Permit requirements.

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3.0 Potential Negative Environmental Effects

Potential negative effects associated with the Project are identified in **Table 4** and **Table 5** below. These effects were identified through various investigations as part of the Renewable Energy Approval process. In **Tables 4** and **5**, each potential negative effect is identified and assessed for performance objectives, mitigation strategies, monitoring, and contingency measures.

Further details that inform these tables are provided in the comprehensive set of reports that have been prepared in support of an Application for Renewable Energy Approval for the Project, including the following:

- Draft Project Description Report
- Stage 1 Archaeological Assessment
- Draft Natural Heritage Assessment
 - Records Review
 - Site Investigation
 - Evaluation of Significance
 - Environmental Impact Study
- Draft Water Assessment Report
 - Records Review
 - Site Investigation
- Draft Surface Water Assessment Report
- Draft Effluent Management Plan Report
- Draft Construction Plan Report
- Draft Design and Operations Report
 - Draft Cultural Heritage Self-Assessment
 - Hydrogeological Assessment
- Draft Emission Summary and Dispersion Modelling Report
- Noise Study Report
- Draft Decommissioning Plan Report

A key component of the REA process is the establishment of common setbacks for all renewable energy facilities in the Province. The Project was designed to meet the setbacks outlined in O. Reg. 359/09 to the extent possible. Within the regulation there are some setbacks for which studies that identify potential negative environmental effects and mitigation measures can be conducted in lieu of meeting the setback requirements. In some instances in the proposed design, Project components may be proposed within the defined setbacks. In these instances, additional assessment studies have been conducted in the Natural Heritage Assessment under a separate cover, the results of which are provided in **Table 5**.

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Table 4 Potential Effects Mitigation Monitoring and Contingency Measures-Summary

archaeological and cultural heritage resources during construction and operation. I archaeological and cultural heritage resources during construction and operation. I archaeological assessment, deciding the second operation operation. I have been constructed and sport has reviewed the above referenced report and is satisfied that the following and reporting and consistent to evaluate the potential for cultural heritage resources. I have been constructed unity been constructed and sport has reviewed the above referenced report and is satisfied that the following and reporting and consistent to evaluate the potential for cultural heritage resources. If it is confirment to evaluate the potential for cultural heritage resources. If it is confirment to be confirment to cultural heritage resources. If it is confirment to cultural heritage resources. If it is confirment to evaluate the protein of cultural heritage resources. If it is confirment to cultural heritage resources. If it is confirment to evaluate the protein of cultural heritage resources. If it is confirment to the protein of cultural heritage resources. If it is confirment to cultural heritage resources, and confirment to cultural heritage resources. If it is confirment to cultural heritage resources, and confirment confi	Environmental Component	al Effects, Mitigation, Mon Potential Effects	Performance Objective	Mitigation Strategy	Proposed Monitoring and Contingency Measures
Natural Vegetation Introduction of invasive species; Vegetation loss/change during construction; and, Removal of biomass from surrounding forests for use in the various facility processes. Introduction of invasive species; Removal of biomass from surrounding forests for use in the various facility processes. Introduction of invasive species; Removal of biomass from surrounding forests for use in the various facility processes. Introduction of invasive species; Removal of biomass from surrounding forests: Introduction of invasive species; Removal of biomass from surrounding forests for use in the various facility processes. Introduction of invasive species; Removal of biomass from surrounding forests: Introduction of invasive species; Regulation inventions and are necessarily and encroachment to surrounding forests: Introduction of invasive species; Regulation inventions in the various facility processes. Introduction of invasive species; Regulation inventions in the various facility processes. Introduction of invasive species; Regulation inventions and are necessarily and inventions. Introduction of invasive species; Regulation inventions and are necessarily and inventions and are necessarily and inventions. I		archaeological and cultural heritage resources during construction and	to archaeological and cultural heritage	 modification of the ground surface has severely degraded any cultural heritage potential, leading to the recommendation that the Study Area does not require further archaeological assessment. The Ministry of Tourism, Culture and Sport has reviewed the above referenced report and is satisfied that the fieldwork and reporting are consistent with the Ministry's 2011 Standards and Guidelines for Consultant Archaeologists and the terms and conditions for archaeological licenses. A Cultural Heritage Self-Assessment was undertaken to evaluate the potential for cultural heritage resources at or abutting the Project Location. The assessment to date has revealed low potential for cultural heritage resources. If it is confirmed that there is low potential for cultural heritage resources, a written assessment and the appropriate checklist will be submitted as part of the Application for 	Should any unknown/unexpected artifacts or human remains be encountered during construction, the construction contractor will stop work and the Ministry of Tourism, Culture and Sport will be notified for direction prior to proceeding.
Wetlands Fragmentation; Introduction of invasive species; Vegetation loss/change; Possible loss of, or disturbance to, Provincially Significant Wetlands and unevaluated wetlands; and, Impacts to the None Required. Field studies took place in the summer of 2013. No wetlands were identified within 120 m of the Project Location. None Required. Project Location.		 Introduction of invasive species; Vegetation loss/change during construction; and, Removal of biomass from surrounding forests for use in the various facility 	to forest communities	 abundance of woodlands and natural vegetation, including: Vegetation Inventories; Ecological Land Classification; and, Species at Risk surveys as required. No Significant Woodlands, rare vegetation communities or at risk flora were identified. Forests regenerating from previous harvesting activities are present. The following mitigation will be used to minimize disturbance to surrounding forests: The Project Location site boundaries will be surveyed and marked to limit vegetation clearing and encroachment beyond the Project Location; No clearing, grading, stockpiling of materials, temporary work areas, etc., will be permitted beyond the Project Location; Silt fencing will be installed to limit soil movement beyond the boundaries of the Project Location; Erosion and sediment control measures will be regularly inspected to ensure they are functioning and are maintained as required; If erosion and sediment control measures are not functioning properly, alternative measures will be implemented and prioritized above other construction activities; and, Only approved and permitted biomass (i.e., only wood waste) will be stored on site and used in 	 If accidental encroachment occurs, the offending material or equipment will be immediately removed and restoration of the area conducted as needed; and, Deliveries of biomass will be regularly inspected and will not be accepted without the proper documentation to ensure it is approved biomass from a permitted source. Non-permitted biomass will not be accepted for storage or use at the facility.
changes in surface water runoff and groundwater drawdown. Life Science and • These features are not • None Required. • The Project has been sited in an area with no ANSIs at or within 120 m of the Project Location. • None Required.		 Introduction of invasive species; Vegetation loss/change; Possible loss of, or disturbance to, Provincially Significant Wetlands, non-Provincially Significant Wetlands and unevaluated wetlands; and, Impacts to the hydrological regime due to changes in surface water runoff and groundwater 		Field studies took place in the summer of 2013. No wetlands were identified within 120 m of the	None Required.

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Environmental Component	Poter	ntial Effects		rformance jective	Mit	tigation Strategy	Prc	pposed Monitoring and Contingency Measures
Earth Science Areas of Natural and Scientific Interest ("ANSIs")	th	resent within 120 m of ne Project Location. No ffects are anticipated.						
Terrestrial Wildlife and Wildlife Habitat	s b m	Disruption to terrestrial pecies and their reeding, feeding and nigration habitats, nocluding: Birds; Bats; Mammals; Amphibians; Reptiles; Insects; and, Species at risk.	•	Minimize habitat loss to the extent possible and limit direct loss to the confines of the Project Location.	•	Field studies took place in the summer of 2013 to confirm the presence, significance, sensitivity and abundance of wildlife and wildlife habitat, in accordance with the Natural Heritage Assessment Guide for Renewable Energy Projects (MNR, 2012). Candidate habitats for two Species of Conservation Concern (eastern wood-pewee and olive-sided flycatcher) were identified. Field studies will be undertaken in spring 2014 to confirm the presence of these habitats and evaluate their significance. The habitats are being treated as significant on an interim basis. Mitigation will include the following: Tree and vegetation clearing will not occur during the breeding season (May 16 to August 8); Noise levels will be maintained at or below the approved limits set out by MOE in the REA and ECA approvals; and, Measures to limit accidental encroachment into habitats beyond the Project Location and to minimize sedimentation and erosion effects on habitats are described under "Woodlands and Natural Vegetation", above.	•	Conduct breeding bird surveys after construction using methodology described in Part IV, Section 4.0 of the Natural Heritage Assessment Report, according to the following schedule: — Spring 2016 (yr 1 – post construction) — Spring 2017 (yr 2 – post construction) Upon submission of annual post-construction monitoring reports to MNR it will be determined in consultation with MNR whether additional contingency measures are required and the contingency measures to be undertaken. These surveys and annual monitoring reports will only be required if the habitat is found to be significant.
Provincial Parks, Conservation Reserves or Valleylands	p th	These features are not resent within 120 m of the Project Location. No ffects are anticipated.	•	None Required.	•	The Project has been sited in an area with no provincial parks, conservation reserves, or valleylands at or within 120 m of the Project Location.	•	None Required.
Surface Water	E Si P a w o V tcc s v tcc v tcc w v	crosion and edimentation during all Project phases could ffect water quality at the vater bodies in the vicinity of the Project Location; Water quality impacts due to potential fuel and oil pills; Water quality impacts due to leachate or movement of biomass into nearby vater bodies; and, Water quality impacts ssociated with the ubsurface disposal vastewater management ystem.	•	Prevent erosion and sedimentation impacts on water bodies; Prevent occurrence of spills; Minimize biomass leachate production and prevent migration into water bodies; and, Minimize potential impacts on water bodies associated with wastewater management system subsurface disposal.		Field studies took place in the summer of 2013 to evaluate water bodies in the vicinity of the Project. The Project Location was sited such that there are no water bodies at or within 120 m of the Project Location, and no Lake Trout Lakes within 300 m of the Project Location. Mitigation measures will be implemented to minimize potential impacts associated with erosion and sedimentation as follows: An erosion and sediment control plan will be designed and implemented prior to any other construction activities; Erosion and sediment control measures would be inspected regularly and repaired/maintained as required; Materials removed or stockpiled would be contained in a manner to ensure sediment does not enter any water body; The porous soils and deep water table at the Project Location are conducive to infiltration. The Project has been designed with more than 90% of the site area having gravel or vegetated surfaces, promoting infiltration at source, thereby reducing runoff and associated erosion and sediment impacts; and, A vegetated filter strip and/or bio-swale will be constructed at the downstream side of the Project for additional infiltration, reduced runoff, and reduced erosion and sediment transport. Mitigation measures will be implemented to prevent the occurrence of spills as follows: A secondary containment system will be constructed in the transformer substation around the main site transformer and will be inspected regularly; The diesel fuel storage and filling station will include above ground tanks on a hard surface, and will comply with the requirements of O.Reg. 217/01 and the Ontario Liquid Fuels Handling Code; A waste oil building will be constructed with a containment sump for storage of waste oil in metal barrels; Site personnel will be trained in the proper handling, use, and storage of hazardous materials; Processed (chipped/hogged) biomass will be stored on paved storage areas with drainage directed away from the piles, consistent with environmental best practices listed in the	•	A three year post-construction monitoring program is proposed at ponds 1, 4, and 5, as shown on Figure A4 of the Site Plan in Appendix A. The monitoring program would include: Taking water samples at ponds 1, 4, and 5, for chemical analysis to determine pollutant levels in each pond; The first round of testing would occur prior to construction to establish background conditions. These background conditions will be evaluated to set performance objectives in consultation with MOE; Subsequent samples will be taken twice a year (during Spring after snow melt, and Summer), for three years; and If testing remains within the performance objectives for three years of Project operation, testing will discontinue. Otherwise, MOE will be consulted to implement further mitigation, contingency, and testing procedures. Wastewater flow monitoring and reporting in accordance with MOE requirements. Minor site re-grading and dense vegetation planting as required to disperse channelized flows. Covered storage of biomass if monitoring discovers nonconformance due to biomass leachate impacts. The Ontario Ministry of the Environment document "Spills Reporting — A Guide to Reporting Spills and Discharges", dated May 2007 and as amended from time to time, will be followed for spill reporting protocols, including calling the MOE Spills Action Centre.

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Environmental Component	Potential Effects	Performance Objective	Mitigation Strategy	Proposed Monitoring and Contingency Measures
			 Environmental Practices Guide" (OFIA, 2008); The paved biomass storage areas are located over 350 m from the nearest water body, over 250 m from the nearest off-site well, and over 140 m from the proposed facility production well; and, The wastewater management system will be designed in accordance with the effluent limits established in consultation with MOE. 	
Groundwater	Groundwater taking for use by the Project (expected to require more than 50,000 L/d); Potential to encounter non-documented shallow dug wells; Water quality impacts due to leachate from biomass to groundwater; Impacts to groundwater quality from on-site subsurface wastewater treatment; Water quality impacts due to potential fuel and oil spills; and, Water quality impacts from damaged underground utilities (i.e., glycol heat transfer system or wastewater conveyance system).	 No adverse impact on existing wells in the vicinity of the Project; Minimize biomass leachate production and potential impact on groundwater; Minimize potential impacts on groundwater associated with wastewater management system subsurface disposal; Prevent occurrence of spills; and Minimize potential for underground utility damage and associated impacts on the environment. 	 A hydrogeological assessment has been completed, and concluded that the groundwater can supply 5.7 L/s from the well identified as TW2-13, and the water taking would not adversely impact the existing wells in the surrounding area, including those in Armstrong, Ontario. The hydrogeological assessment is included in Appendix D of the Design and Operations Report. Due to the porous nature of the surficial soils and deep water table at the Project Location, no shallow dug wells are anticipated. Furthermore, none were encountered during natural heritage field studies or during the on-site hydrogeological assessment. Processed (chipped/hogged) biomass will be stored on paved storage areas with drainage directed away from the piles, consistent with environmental best practices listed in the "Biomass Storage Environmental Practices Guide" (OFIA, 2008). The paved biomass storage areas are located over 350 m from the nearest water body, over 250 m from the nearest off-site well, and over 140 m from the proposed facility production well. The wastewater management system will be designed in accordance with the effluent limits established in consultation with MOE. 	 Ponds 1, 4, and 5 are believed to be groundwater fed. As such, the post-construction surface water monitoring program outlined above is expected to provide insight on groundwater quality conditions. Furthermore, the cogeneration plant will be equipped with a water treatment system that will be able to detect water quality coming from the production well on site. Any abnormal incoming water quality characteristics will prompt notice to potentially affected groundwater users, and further investigations, such that the cause of the unexpected results is determined and corrective actions are taken. Wastewater flow monitoring and reporting in accordance with MOE requirements. Covered storage of biomass if monitoring discovers nonconformance due to biomass leachate impacts. Monitoring of glycol heating system fluid levels to confirm no leaks have occurred. The Ontario Ministry of the Environment document "Spills Reporting – A Guide to Reporting Spills and Discharges", dated May 2007 and as amended from time to time, will be followed for spill reporting protocols, including calling the MOE Spills Action Centre.
Aquatic Species and Aquatic Habitat	 Potential impacts to aquatic habitat due to erosion and sedimentation, spills, and leachate migration to water bodies; and, Water bodies may also be affected by groundwater taking. 	Minimize impacts on potential aquatic species at water bodies in the vicinity of the Project.	 Field studies took place in the summer of 2013 to evaluate water bodies in the vicinity of the Project. The Project Location was sited such that there are no water bodies at or within 120 m of the Project Location, and no Lake Trout Lakes within 300 m of the Project Location; No fish were observed from shoreline observations at the five closest water bodies to the Project Location; and, Refer to mitigation measures above under "Surface Water" and "Groundwater" for measures to protect potential aquatic species and aquatic habitat in the vicinity of the Project. 	Refer to the monitoring and contingency measures above under "Surface Water" and "Groundwater", which will be implemented in part to protect potential aquatic species and aquatic habitat in the vicinity of the Project.
Air, Odour, Dust	Dust and air emissions from Project equipment; Increases in air-borne dust and particulate matter; Increased emissions from equipment during construction and decommissioning; Positive effects of reducing air emissions by	 Comply with the applicable air emissions regulations during Project operation; Minimize dust and air emissions during construction and decommissioning; and, Minimize odour from 	 An Emission Summary and Dispersion Modelling (ESDM) report has been prepared under a separate cover in accordance with O.Reg. 419/05. The report indicates air emissions compliance with the applicable regulatory requirements during Project operation. The construction and decommissioning contractors would implement good site practices with regard to air/odour, which may include: Multi-passenger vehicles would be utilized to the extent practical; Company and contractor personnel would avoid idling of vehicles when not necessary for construction activities; Equipment and vehicles would be maintained in good working order with functioning mufflers and emission control systems as appropriate; and, Dust suppression (e.g., water) of source areas. 	 The cogeneration plant will be equipped with a Continuous Emission Monitoring system to ensure the cogeneration plant is operating within existing Ministry established air emissions limits for biomass combustion facilities; and, A Communications Plan will be developed and implemented during all phases of the Project, including a complaint response protocol as outlined in Section 6.3 of the Design and Operations Report. Corrective actions will be taken to address the complaint as appropriate.

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Environmental Component	Potential Effects	Performance Objective	Mitigation Strategy	Proposed Monitoring and Contingency Measures
	replacing the need for the existing diesel generating station; and, Odour impacts from biomass storage piles.	biomass storage piles.	 A Best Management Plan will be in place during operation to control dust/particulate emissions from unpaved roads and biomass storage piles. Biomass and waste ash delivery trucks carrying friable material will be loaded and/or covered such that emissions are minimized during transport. Processed (chipped/hogged) biomass will be stored on paved storage areas with drainage directed away from the piles, consistent with environmental best practices listed in the "Biomass Storage Environmental Practices Guide" (OFIA, 2008). Proper drainage at the biomass storage piles will promote drying of material and reduced odour effects. 	
Noise	 Noise emissions from the operation of construction machinery and transport of materials to and from the facility; Noise emissions from the operation of equipment at the facility; and, Noise effects associated with decommissioning and dismantling activities. 	Minimize noise emissions during construction and decommissioning Comply with REA and ECA noise emission requirements during Project operation.	 Industry best practices will be implemented to minimize noise impacts during construction and decommissioning. For example, construction equipment will be repaired and maintained in good working order, and all engines associated with construction equipment would be equipped with mufflers. To the greatest extent possible, activities that could create excessive noise would be restricted to daytime construction hours, and construction/decommissioning activities would adhere to local noise regulations that may be in effect. The facility has been designed to mitigate noise impacts by locating equipment with significant noise emissions in buildings as required, such as the chipper/debarker system in the wood processing yard. Building doors will be kept closed during operation as required to achieve predicted noise levels. A Noise Study Report has been prepared to assess noise impacts during Project operation, and indicates compliance with regulatory requirements at the nearest points of reception. The nearest points of reception are the Armstrong Public School (approximately 1,233 m north of the facility), the McKenzie Inn/Cottages (approximately 1,795 m south of the facility), and a residential dwelling (approximately 1,564 m north of the facility). Regular facility maintenance will take place throughout the operational phase of the Project to ensure that all equipment is functioning properly, reducing noise associated with malfunctioning equipment. 	A Communications Plan will be developed and implemented during all phases of the Project, including a complaint response protocol as outlined in Section 6.3 of the Design and Operations Report. Corrective actions will be taken to address the complaint as appropriate.
Petroleum, Oil and Gas Resources	Possible impacts on existing or historic petroleum, oil and gas wells.	None required.	A review of the MNR's oil, gas and petroleum library indicated there are no current or historical petroleum wells or facilities within 75 m of the Project Location.	None required.
Provincial and Local Infrastructure	Temporary pressure on local services and inconvenience to local residents during construction and decommissioning; Traffic delays on local and provincial roads as a result of construction-related traffic (i.e., movement of heavy equipment and facility components); Damage to roads as a result of the movement of heavy equipment and facility components; and, Potential traffic delays during Project operation	Minimize traffic; and, Restore any damage to roads/ infrastructure.	 The construction and decommissioning contractors will comply with Book 7 (Temporary Conditions) of the Ontario Traffic Manual to ensure all equipment deliveries and construction-related traffic is controlled in a safe manner that minimizes traffic disruptions. The Project Location is situated over 300 m from Highway 527, minimizing traffic impacts associated with construction activities or work areas on or near public roads. During Project operation, approximately 30 transport trucks will frequent the site on a daily basis for the delivery of biomass and shipment of wood pellets. The wood processing yard will have adequate space for multiple trucks on site at the same time, ensuring no backups will occur onto Highway 527. Based on existing traffic volume and the population of Armstrong, Ontario, no significant traffic delays are expected during the operational phase of the Project. Oversize/overweight trip permits will be obtained from MTO as required. A Road Condition Survey will be conducted if required by MTO or the local services board. Any damage to local or provincial infrastructure as a result of construction or decommissioning activities will be repaired promptly as required. Consultation will take place with the MTO and local service board if there is a need to upgrade or widen any roads in order to allow for the delivery of equipment or biomass. 	 Any upgrades and/or subsequent rehabilitation and maintenance/repair will be negotiated with the appropriate authorities. A Communications Plan will be developed and implemented during all phases of the Project, including a complaint response protocol as outlined in Section 6.3 of the Design and Operations Report. Corrective actions will be taken to address the complaint as appropriate.

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Draft Project Summary Report January 2014

Environmental Component	Potential Effects	Performance Objective	Mitigation Strategy	Proposed Monitoring and Contingency Measures
Waste	as a result of deliveries of biomass. Construction and decommissioning waste will be generated and will require disposal; and, The cogeneration plant will generate wood ash waste, which will require	Meet MOE and operator requirements for disposal of waste at a landfill site.	 During construction and decommissioning, the Contractor would implement a site-specific waste collection and disposal management plan. Non-hazardous wood ash waste generated by the cogeneration plant will be regularly disposed of off-site at a landfill facility. No landfilling will occur on-site. 	Testing of waste material as required to confirm acceptability for disposal.
Public Health and Safety	 disposal. Safety concerns related to the operation of heavy equipment during construction; Accidents, spills or malfunctions associated with Project components, including heavy equipment, furnace, boiler system, wood processing, pressurizing equipment, and electrical systems; Fire at the facility or within material stockpiles with the potential to spread to surrounding forests; and, Water quality impacts on wells in the vicinity of the Project. 	 Protect site personnel and the public; Prevent occurrence of spills; and, Prevent occurrence of fires. 	 All Project work during construction, operation, maintenance, and decommissioning will comply with the Ontario Occupational Health and Safety Act. A Health and Safety Plan will be developed and implemented during each phase of the Project, including the minimum emergency response elements described in Section 6.1 of the Design and Operations Report, and a staff training program including the minimum elements described in Section 5.2 of the Design and Operations Report. The site will be equipped with security equipment, signage, and entrance slide gates. Fencing and signage will be installed around the transformer substation and fire water supply pond. There will be a pre-start safety review of the Project prior to operation in accordance with regulatory requirements. This review will ensure that all equipment has been installed as designed, commissioned appropriately, and that safety procedures and a training program are in place as noted above. Mitigation measures will be implemented to prevent spills as noted above under "Surface Water". Processed (chipped/hogged) biomass will be stored on paved storage areas with drainage directed away from the piles, consistent with environmental best practices listed in the "Biomass Storage Environmental Practices Guide" (OFIA, 2008). The paved biomass storage areas are located over 350 m from the nearest water body, over 250 m from the nearest off-site well, and over 140 m from the proposed facility production well. The wastewater management system will be designed in accordance with the effluent limits established in consultation with MOE. The entire facility, including biomass storage areas, will be fully equipped for fire detection and protection as described in Section 4.1.6.4 of the Design and Operations Report. 	Refer to the monitoring and contingency measures above under "Surface Water" and "Groundwater", which will be implemented in part to protect public health.
Provincial Land Use Plans	The Project is not protected under the Greenbelt Plan, Lake Simcoe Protection Plan, Niagara Escarpment Plan or Oak Ridges Moraine Conservation Plan. No impacts under provincial land use plans or policies are anticipated.	None Required.	No mitigation measures are required.	None Required.

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	otential Impacts and Mitigation					nent Environmental Impact Study Environmental Effects Monitoring Plan					
Project Activity	Potential Effects (D=Direct) (I=Indirect) Potential effect on the size, diversity, health, connectivity, functionality and resilience of the	Mitigation Strategy	Residual Effect (magnitude/frequency/ duration)	Performance Objective	Methodology	Monitoring Locations	Frequency and Duration of Sample Collection	Technical and Statistical Value of Date	Reporting Requirements	Monitoring Plan and Contingency Measures	
Habitat of Throatonoo	natural feature.	ା :ies: Category 3 Woodland Caribo।	 Habitat								
All Construction,	Loss of	Minimize the footprint of the	Limited geographic	Minimize loss	No Environm	nontal Effect Monit	oring pooded upless	specified as part of ES	SA, 2007 requirements	<u> </u>	
Operation and Decommissioning Activities	approximately 35 ha of Category 3 habitat (D).	facility and land clearing requirements to the extent possible. • Minimize construction effects (noise, dust, erosion/sedimentation). • Review potential impacts with the MNR to confirm permitting requirements and additional mitigation, if required under the ESA, 2007.	extent based on entire range of Category 3 habitat. Low magnitude based on relatively low importance of Category 3 habitat. Duration of effect will	of Category 3 habitat to the extent possible.							
Habitat for Species of	f Conservation Concern	n: Olive-sided flycatcher and Easte	ern wood-pewee	•	•						
Tree and vegetation clearing for construction	Loss of approximately 35 ha of breeding habitat (D). Potential for greater loss if clearing, encroachment of equipment or stockpiles inadvertently extends beyond the Project Location boundary (D).	Tree and vegetation clearing will not occur during the breeding season (May 16 to August 8). The site boundaries will be surveyed and marked to limit encroachment within	Loss will be experienced for the life of the Project; however, magnitude considered to be low based on large extent of suitable habitat present in the surrounding area.	Minimize habitat loss to the extent possible and limit direct loss to the confines of the Project Location.	• N/A	• N/A	• N/A	• N/A	• N/A	• N/A	

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Potential Impacts and Mitigation					Environmental Effects Monitoring Plan					
Project Activity	Potential Effects (D=Direct) (I=Indirect) Potential effect on the size, diversity, health, connectivity, functionality and resilience of the natural feature.	Mitigation Strategy	Residual Effect (magnitude/frequency/ duration)	Performance Objective	Methodology	Monitoring Locations	Frequency and Duration of Sample Collection	Technical and Statistical Value of Date	Reporting Requirements	Monitoring Plan and Contingency Measures
Land clearing, construction and decommissioning activities	Movement of exposed sediment into the features (I). Sedimentation could have a minor effect on the size of woodland and on its function (I).	Silt fencing will be installed to limit soil movement beyond the boundaries of the Project Location. Erosion and sediment control measures will be regularly inspected to ensure they are functioning and are maintained as required. If erosion and sediment control measures are not functioning properly, alternative measures will be implemented and prioritized above other construction activities.	 Limited duration, frequency, geographic extent. No residual effect anticipated. 	No vegetation loss or disturbance associated with sediment and erosion.	• N/A	• N/A	• N/A	• N/A	• N/A	• N/A
Construction activities and Facility Operations	Noise disturbance during construction and operations could cause bird species to avoid suitable nesting areas adjacent to the Project (I). No effect anticipated at the species level.	Noise levels will be maintained at or below the approved limits set out by MOE in the REA and ECA approvals.	Loss will be experienced for the life of the Project; however, magnitude considered to be low based on large extent of suitable habitat present in the surrounding area.	Minimize disturbance effects to maintain breeding habitat in the area.	Conduct breeding bird surveys using methodolog y described in Part IV, Section 4.0 of the Natural Heritage Assessment	Area searches to be conducted on accessible lands within 120 m of the Project Location.	Pre-construction survey (baseline): • Spring breeding season 2014 • Post-construction surveys*: • Spring 2016 • Spring 2017	Determine if there is a displacement or avoidance effect caused by operation of the facility in proximity to the habitat of species of conservation concern.	Annual Reports submitted to MNR. Estimated report submission dates: Summer 2014 (pre- construction data) Summer 2016 (yr one post- construction) Sumer 2017 (yr two post- construction)	Upon submission of annual post-construction monitoring reports to MNR it will be determined in consultation with MNR whether contingency measures are required and the contingency measures to be undertaken.

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4.0 Next Steps

The final public meeting for the Project will be held upon completion of the minimum 60-day public review period of the Draft REA documents summarized in this Report. After comments are addressed from the final public meeting, an Application will be made for Renewable Energy Approval of the Whitesand First Nation Cogeneration and Pellet Mill Project.

It is essential that any comments or concerns regarding the Project are identified promptly, such that appropriate mitigation measures can be integrated into the Project design. Comments or concerns regarding the Project can be directed to any of the following:

General Contact Information:

Website: www.whitesandfirstnation.com

E-mail: whitesandbiomass@neeganburnside.com

Phone & Fax: 1-800-935-0832

Primary Consultant Contact Information:

Name: Chris Shilton, Project Manager

Company: Neegan Burnside Ltd.

Address: 292 Speedvale Avenue West, Unit 20

Guelph, Ontario N1H 1C4

E-mail: chris.shilton@neeganburnside.com

Telephone: 519-823-4995 Fax: 519-836-5477

Primary Applicant Contact Information:

Name: Craig Toset, Project Manager

Company: Whitesand First Nation

Address: PO Box 68

Armstrong, Ontario, P0T 1A0

E-mail: ctoset@tbaytel.net

Telephone: 807-583-2177 Fax: 807-583-2170

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Draft Project Summary Report **January 2014**

Respectfully submitted,

Neegan Burnside Ltd.

Signature

January, 2014

Chris Shilton, P.Eng., LEED ®AP

Project Manager Neegan Burnside Ltd.

Reviewed by:

Signature

January, 2014

Lyle Parsons, BES Senior Advisor

Neegan Burnside Ltd.

Approved By:

Signature

LEFE D

anuary, 2014

Craig Toset Project Manager

Whitesand First Nation

Neegan Burnside Ltd.

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Appendix A Figures

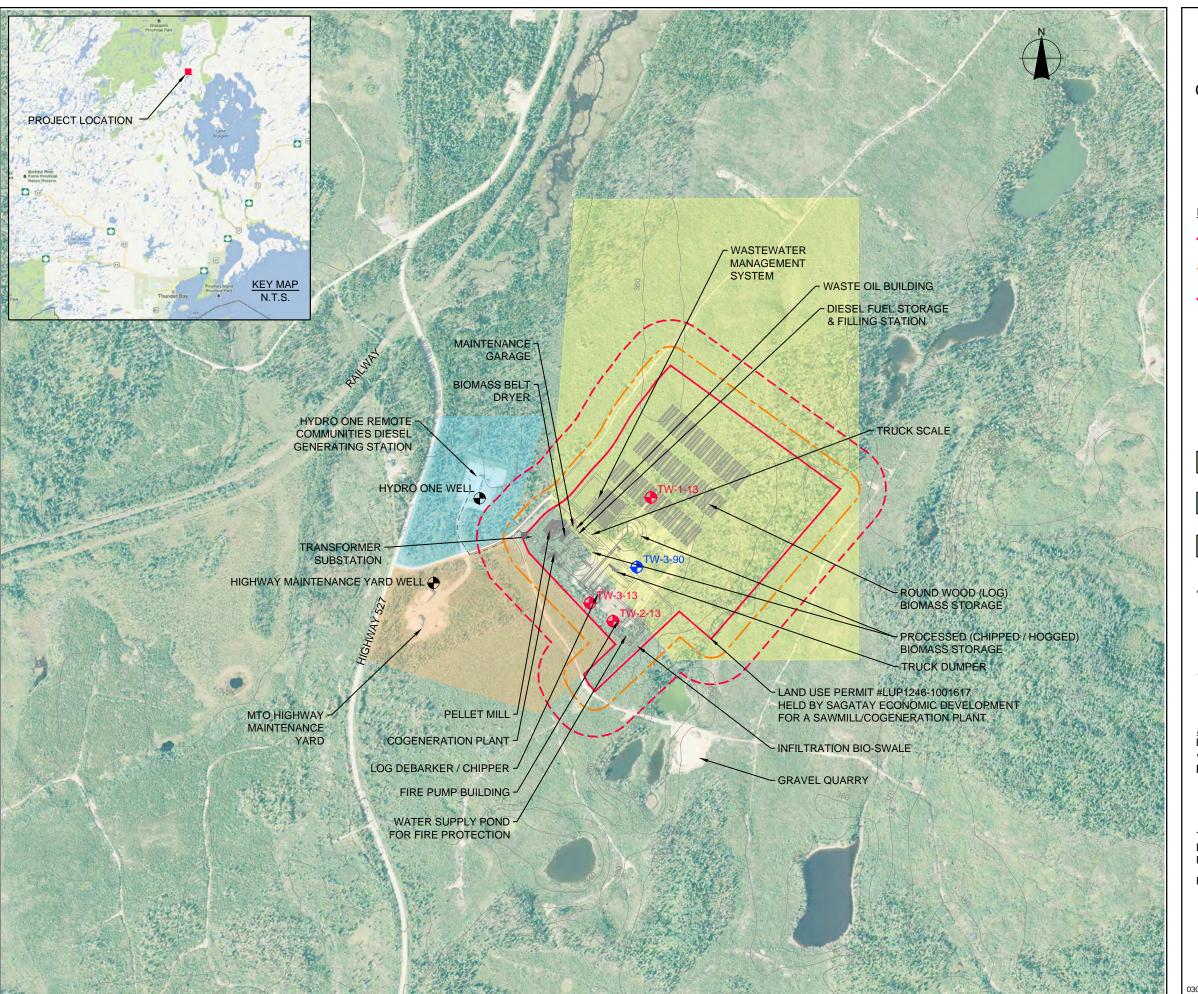
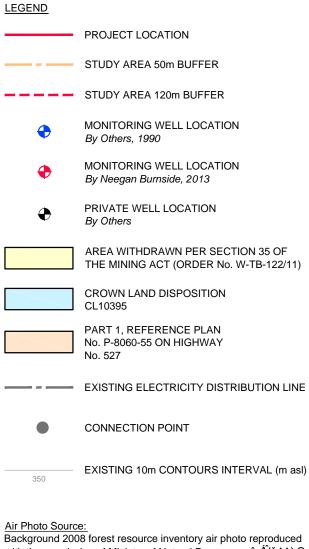


FIGURE A1

WHITESAND FIRST NATION **COGENERATION & PELLET MILL PROJECT** CLASS 1 THERMAL FACILITY UNDER **ONTARIO REGULATION 359/09**

STUDY AREA



with the permission of Ministry of Natural Resources, î ÂÛ ^^} € Printer for Ontario

0	200	400	600	800
		Metres		

December 2013 Project Number: 300030895

Prepared by: C. Sheppard

Projection: UTM Zone 16 Datum: NAD83

Verified by: C. Shilton

NEEGAN BURNSIDE

030895 PELLET MILL DRAWING SET.DWG

LAYOUT: PROJECT DESCRIPTION SA





NEEGAN BURNSIDE

Appendix H9
Aboriginal Community Consultation
Aboriginal Community Local Cultural
Heritage Consultation



WHITESAND FIRST NATION

P.O. BOX 68 • ARMSTRONG, ONTARIO • POT 1A0 PHONE 807-583-2177 & 807-583-2238 FAX 807-583-2170

December 9, 2013

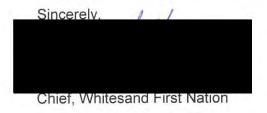
Neegan Burnside R.J. Burnside & Associates Limited 292 Speedvale Avenue West, Unit 20 Guelph, Ontario N1H 1C4

Dear Chris Shilton:

Re: Whitesand First Nation - Cultural Heritage Resources

This letter is in response to the Cultural Heritage documentation for the Renewable Energy Application being prepared by Neegan Burnside on behalf of Whitesand First Nation. Whitesand First Nation does not have any knowledge of or documentation that the project or adjacent property has any of the following cultural heritage resources listed below:

- Contain a National Historic Site (as designated by the Federal Minister of the Environment);
- · Contain a cemetery or burial site;
- Contain structures over forty years old including: residential structures, farm buildings and outbuildings, industrial, commercial, or institutional buildings and/or engineering works etc.;
- Contain or is part of a cultural heritage landscape (i.e. Aboriginal trail, park, Canadian Heritage River, designated garden, historic road or rail corridor, etc.);
- Have consideration as landmark in the local community or contain any structures or sites that are important to defining the character of the area (i.e. Prominent buildings or landscape features, complexes of buildings, monuments etc.);
- have a special association with a community, person or historical event (i.e. Aboriginal sacred site, traditional-use areas, battlefield, birthplace of an individual of importance to the community etc.);
- Contain extractive areas for food or scarce resources;
- Contain Aboriginal or non-Aboriginal settlements (i.e. places of early military or pioneer settlement, older core of a community, early wharf or dock, pioneer churches, early cemeteries etc.);
- Contain a significant or historical transportation route (i.e. trail, pass, road, rail, portage route, canal, heritage river, shipping route, etc.);
- Contain a heritage trail, buildings or ruins that cannot be found through site visits or other means (i.e. flooded area).



NEEGAN BURNSIDE

October 21, 2013

Via: Mail



Dear Chief

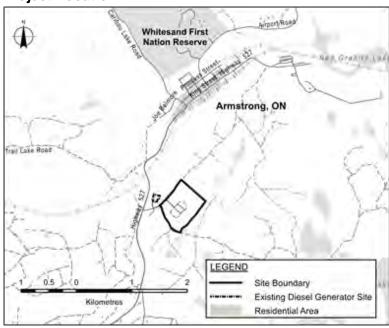
Re: Request for Cultural Heritage Information

Whitesand First Nation Cogeneration and Pellet Plant Project

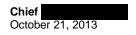
File No.: 300030895

As you are aware, Neegan Burnside Ltd. ("Neegan Burnside") is preparing an Application for Renewable Energy Approval ("REA") on behalf of Whitesand First Nation for the above-referenced biomass fueled electric power and heat cogeneration plant, and wood pellet facility, located on crown land in an unorganized territory of the Thunder Bay District near Whitesand First Nation and Armstrong, Ontario. A contextual map of the site location can be found below, and a more detailed site plan of the project location is enclosed.

Project Location



Further details about the proposed project can be found in the Draft Project Description Report, available online at www.whitesandfirstnation.com, or in print for viewing at the following locations:



Whitesand First Nation Reserve Band	Armstrong Local Service Board
	1
Office	111 Queen St.
Lot 4A, Whitesand Road, Whitesand First	Armstrong Station ON P0T 1A0
Nation	Standard Office Hours: Mon-Fri,
PO Box 68, Armstrong ON P0T 1A0	10:00 a.m4:30 p.m.
Standard Office Hours: Mon-Fri,	
8:30 a.m. – 5:00 p.m.	

The project is subject to the provisions of the REA process as prescribed in Ontario Regulation 359/09. It is also subject to the provisions of the Ministry of Natural Resources Class Environmental Assessment for Resource Stewardship and Facility Development Projects. These processes include consideration of environmental aspects, natural heritage features and water bodies as well as heritage and archaeological resources. In addition, they include public, agency and aboriginal consultations. A brief outline of the processes is outlined below.

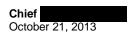
Notice of Proposal / Release of Draft Project Description Report	Public Meeting #1	Completion of Environmental and Technical Studies	Notice of Public Meeting #2 / Release of draft REA Reports / Notice of EA	Public Meeting #2	Project Layout and Reports Finalized	Submit REA / Permit Applications / Notice of EA Completion/ Release Draft EA Report	Notice of Filing posted on Env. Registry by MOE	MOE REA Review / 30-day Public Review/ Issue EA Statement of Completion	REA Decision	Permits Issued
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Applicants for REA under the *Environmental Protection Act*, who opt to consider the potential for heritage resources under subsection 23 (2) of Ontario Regulation 359/09, must complete a self-assessment to determine if the site is located on or abutting a parcel of land which contains cultural heritage potential. This includes consultation with local municipalities, cultural heritage associations and First Nation communities to obtain information on cultural heritage resources in the area. Please note that other requests for information have been sent to the appropriate representatives of other groups or agencies to gather necessary information for the self-assessment.

In order to thoroughly research the potential for cultural heritage resources on site, Neegan Burnside is sending this letter to request your input. In particular, please identify if you have any Aboriginal or local knowledge, or documentation suggesting that the project is located on, or abuts a parcel of land that:

- 1. Contains a National Historic Site (as designated by the Federal Minister of the Environment);
- 2. Contains a burial site or cemetery;
- Contains structures over forty years old including: residential structures, farm buildings and outbuildings, industrial, commercial, or institutional buildings and/or engineering works etc.;



- 4. Contains or is part of a cultural heritage landscape (ie. Aboriginal trail, park, Canadian Heritage River, designated garden, historic road or rail corridor, etc.);
- Is considered a landmark in the local community or contains any structures or sites that are important to defining the character of the area (ie. prominent buildings or landscape features, complexes of buildings, monuments etc.);
- 6. Has a special association with a community, person or historical event (ie. Aboriginal sacred site, traditional-use areas, battlefield, birthplace of an individual of importance to the community etc.);
- 7. Contains extractive areas for food or scarce resources;
- 8. Contains Aboriginal or non-Aboriginal settlements (ie. places of early military or pioneer settlement, older core of a community, early wharf or dock, pioneer churches, early cemeteries etc.);
- 9. Contains a significant or historical transportation route (ie. trail, pass, road, rail, portage route, canal, heritage river, shipping route, etc.); and
- 10. Contains a heritage trail, buildings or ruins that cannot be found through site visits or other means (ie. flooded area).

Your participation in this study is much appreciated. Please submit your comments to the following mailing or email address:

E-mail: whitesandbiomass@neeganburnside.com

Mail: Chris Shilton

Neegan Burnside Ltd.

292 Speedvale Avenue West, Unit 20

Guelph, ON N1H 1C4

Phone/Fax: 1-800-935-0832

Thank you for your attention to this matter.

Yours truly,

Neegan Burnside Ltd.

Chris Shilton, P.Eng., LEED®AP

Project Manager

CS:sd

Enc. Project Location Figure

Cc Craig Toset, Business Development, Whitesand First Nation David Mackett, Community Development, Whitesand First Nation Chris Walton, Arbora Management Services

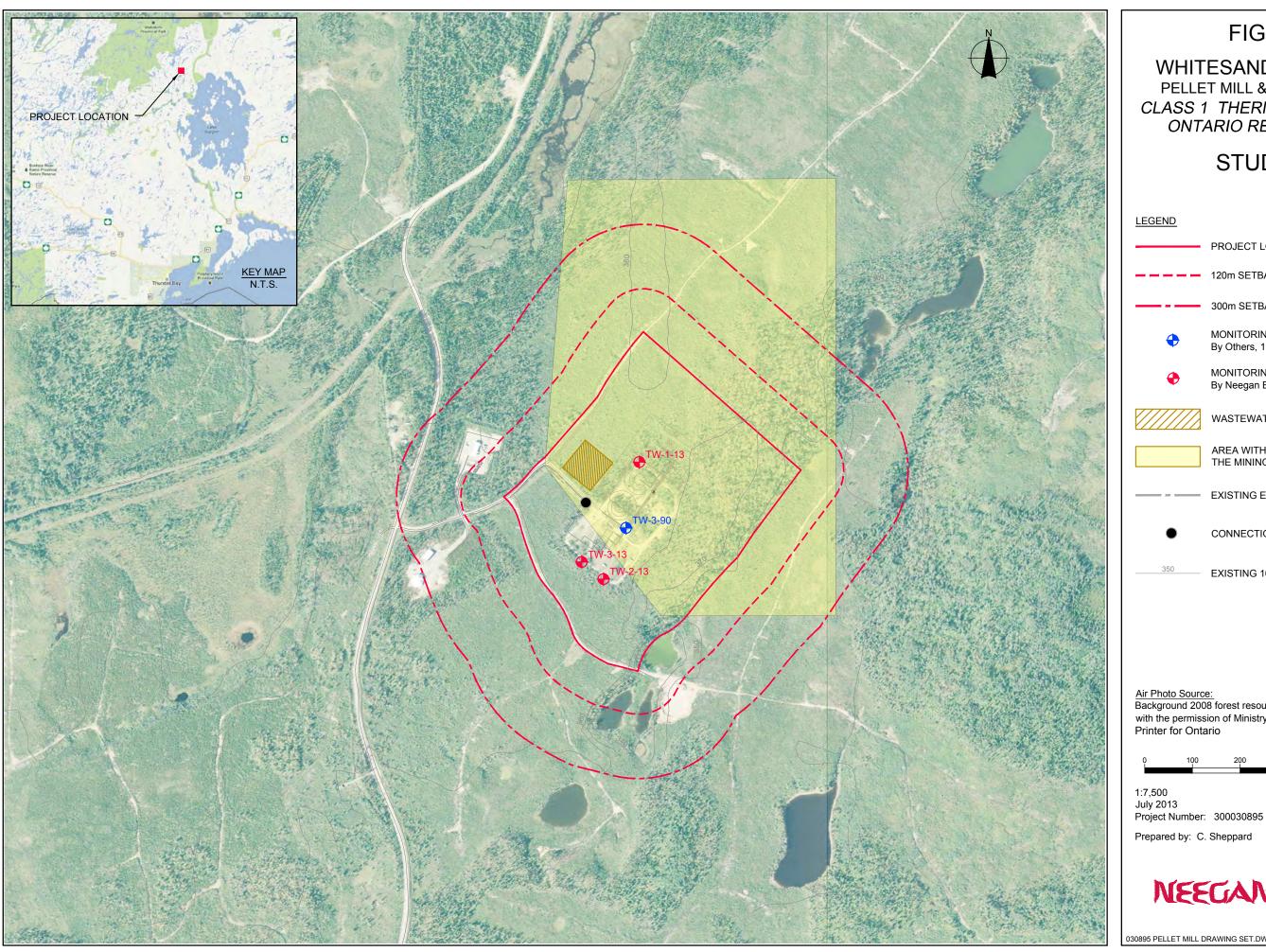
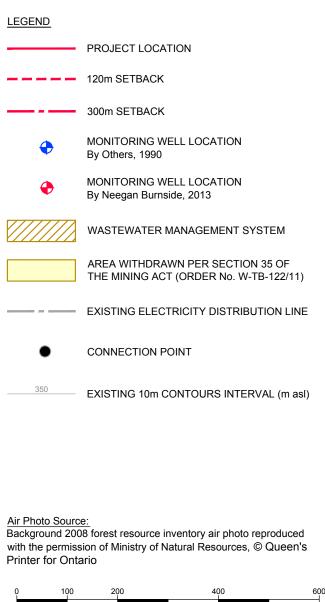


FIGURE A1

WHITESAND FIRST NATION PELLET MILL & BIOMASS PROJECT CLASS 1 THERMAL FACILITY UNDER **ONTARIO REGULATION 359/09**

STUDY AREA



NEEGANBURNSIDE

030895 PELLET MILL DRAWING SET.DWG

LAYOUT: PROJECT DESCRIPTION SA

Projection: UTM Zone 16

Verified by: C. Shilton

Datum: NAD83