MEETING MINUTES

Subject:	Community Liaison Committee Meeting #2
Date and Time:	April 27, 2016 6:00pm – 9:00pm
Location:	Wellandport Community Centre 5042 Canborough Road, West Lincoln, ON
Our File:	15-2673

Attendees

Jordan Fois, Community Member
Gerry Veldhuizen, Community Member
John Sikkens, Community Member
Jason High, Community Member
Mark Slade, Niagara Region
Marc Tremblay, Boralex
Adam Rosso, Boralex
Karla Kolli, Dillon Consulting (Facilitator)
Nadia Galati, Dillon Consulting

Regrets:
Drew Cherry, GRCA
Sue Flaherty, Haldimand County
Brian Staff, Community Member
Nellie DeHaan, Community Member

Notes

Item	Discussion

1. **Introductions – April 27, 2016**

- Facilitator opened CLC meeting, welcomed the CLC members and public observers.
- Facilitator explained that the focus of the CLC meeting is to provide an update on the project. In addition, a number of questions from the public were submitted in advance to the CLC and will be addressed.
- Facilitator explained that observers (members of the general public in attendance at the meeting) could write additional questions on flip charts located on either side of the meeting room.
- Facilitator reviewed agenda with CLC.

2. **Meeting Objective**

- Facilitator reviewed the meeting objectives with the group as follows:
  - Confirm function of the Community Liaison Committee and our roles.
  - Continue to learn about the Project and the construction process.
  - Continue an open dialogue relating to potential community concerns regarding construction, operation and decommissioning of the Project.

3. **Background**

- This project involves a 230MW wind farm with a REA approval.

Item	Discussion

- The CLC was a condition of the REA approval.
- The purpose of the CLC is to facilitate an open dialogue with the public, committee, etc. throughout the project construction period.

4. Project Area

- Located throughout the Niagara Region and Lincoln County. A project area map is available on the project web site.

5. Community Liaison Committee (CLC) – Mandate and Members

- Facilitator reminded those in attendance that the CLC membership was formed through an open call in advertisements, as well as letters to all those on the project contact list which asked interested members of the public to self-identify.

6. Outstanding items – Sept. 21, 2015 CLC meeting

Update on Smithville By-Pass

- Work in progress – The team is working with West Lincoln to move the transmission line to an open road allowance and Young Street.
- The transmission line was revised based on Natural Heritage Studies and Archaeology Studies conducted.
- Archaeology work to has been signed off by the Ministry of Tourism, Culture and Sport (MTCS).
- Natural Heritage has been submitted to the Ministry of Natural Resources and Forestry (MNRF); expecting MNRF signoff letter within days.
- Draft Application has been submitted to MOECC for review and FWRN LP hoping for approval within the next couple of weeks.
- Started conducting engineering work to site the transmission poles needed to ensure that subcontractors can execute the work.

Archaeological Review

- There has been public concern about a potential burial ground discovered at T32. NRWF LP confirms that no burial ground was found at T32.

Emergency Response Plan

- The proponent of a renewable energy project must create plans to manage emergencies at the project location and to provide channels for communication to the public, Aboriginal communities and municipalities, relevant Ministries of the Ontario

Item **Discussion**

Government including the Ministry of Environment and Climate Change (MOECC), local road boards and local service boards.

- The project's Emergency and Response Plan is a part of the project's REA, Design and Operations Report, section 6.1, which can be located on the project website: http://www.nrwf.ca/projectdocuments/.

Noise frequencies

- As part of a REA approval FWRN LP, the proponent, is required to do noise emission testing. Required noise audits are performed with microphone technology.
- At typical distances, wind turbine noise contribution is limited to 2000Hz and below. Above 2000Hz atmospheric attenuation (reduction in the strength of a signal/noise – a natural consequence of signal transmission over long distances) mitigates the noise well between a turbine and a 550m receptor.

7. **Project Updates – Schedule and Construction**

CIVIL, COLLECTOR & TURBINE PROJECT MILESTONES:

- Roads - 55km of access roads completed. 100% complete.
- Foundations - 77 foundations completed. 100% complete.
- Tower Delivery - 66 towers delivered. 85.7% complete.
- Pre-Cast Concrete Tower Assembly - 51 towers have been assembled. 66.2% complete.
- WEC Delivery - 43 WEC (motors) have been delivered. 55.8% complete.
- Single Blade installation - 31 blades have been installed. 40.3% complete.
- Underground Collection System - 183 km completed. 87.9% complete.

TRANSMISSION LINE PROJECT MILESTONES:

- Underground Transmission Line Duct Bank Installation - 5km completed and expected to finish in the next couple of weeks.
- Overhead Transmission Line Foundation - 169 completed. 57.7% complete.
- Overhead Transmission Line Pole Installation - 123 installed. 41.9% complete.
- Underground Transmission Line Stringing -15km completed out of 45km. 33.3% complete.
- Overhead Transmission Line Stringing - 0km installed. 0% complete.

8. **Public Questions - Submitted**

TREES:

Item	Discussion

1. *What is the process and timing for replanting trees? Will the local farmer have any input into these plans?*

- The process for replacing trees is ongoing. As part of road usage agreements FWRN LP has obligations to replace trees that were removed from the road allowance. There is a formula in the agreement that calculates, based on the original tree's breast height, the size of the replacement trees.
- Based on the road usage agreement tree formula calculation, there will be a certain amount of trees allocated to landowner(s) adjacent to where a tree was removed. FWRN LP will approach the landowner and ask them if they want the tree(s) or if they want to donate the trees they are entitled to, to the lower tier municipality, the Niagara Region Conservation Authority or their neighbour.
- In the near future, FWRN LP will send out a letter to landowners (documented during the original tree inventory) that will provide an outline of the tree replanting process moving forward. Landowners will be engaged in selecting the tree species but quantity and type of tree is dependent on the municipality, and the time of year.
- The replanting program will take some time. Tree planting is expected to continue into 2017 in order to plant trees at the best time of year/conditions for the each specific tree species.
- Road use agreements are municipal documents and can be accessed by the public via the municipality.
- Placement of replanted trees will be at the discretion of the landowner adjacent to the removed tree. Example: 2 acres of property, 3 maple trees were removed (3x2 = 6 maple replacement trees needed). Step 1: letter sent to landowner notifying that they are to receive 6 trees; Step 2: landowner can choose to have the trees planted on their property or refuse the trees and indicate whether to give the trees to a neighbor, the specific amount of trees to be given and/or whether the landowner would like the trees to be donated to the NPCA for replanting elsewhere in the community.

2. *I understand that trees will be replaced at a ratio depending on the size of the "lost" tree. There is no indication about what size the trees will be. What size tree can we expect for replacement?*

- As part of road usage agreements FWRN LP has obligations to replace trees that were removed from the road allowance. There is a formula in the agreement that calculates, based on the original tree species' breast height, the size of the replacement trees.
- It depends on the type of tree, specification of municipal by-laws and other governing rules that stipulate the diameter of trees, based on each specific tree, what size of tree FWRN LP will be replanting.
- Replanted trees will not be seedlings; size will vary but likely around 4-6 feet.

3. *Over the past few months, several trees along my property line (and on my property) were cut down. Many others were trimmed (up to 30% tree canopy in some instances). These trees provided habitat for birds and other species. They also protected my home by*

Item	Discussion

breaking strong westerly winds. I am wondering what is being done to replace the trees and their benefits to my property. I live at XXX Port Davidson Road.

- Some trees required removal for the project construction. As noted above, FWRN LP will be liaising directly with landowners related to tree replacement. FWRN LP is working closely with Niagara Peninsula Conservation Authority (NCPA) and for every tree removed, 2-3 trees will be replanted in replacement.

4. *In both Wainfleet and West Lincoln, there have been documented cases of trees located on private property – trees that were from 100 to 200 years old- being cut down without the landowner's consent. These trees are irreplaceable. Can you outline a strategy for us that would prevent this happening in other areas? Further, we have been told that there are plans in place to offer replacement trees to all landowners that have lost trees due to the installation of both underground and above ground transmission lines. Who is going to oversee the replacement tree project? Can you describe for us the methods that were used to catalogue (record) all trees that have been removed and give us an approximate time line for the size and number of replacement trees that will be offered to affected landowners?*

- FWRN LP sincerely apologizes for trees that were incorrectly removed unintentionally.
- In three (3) places throughout the transmission line (one in Wainfleet), the route was redesigned to avoid cutting down mature growth trees.
- FWRN LP completed legal surveys for all road allowances on the project to ensure they did not trespass.
- Unfortunately in some situations survey stakes were moved or incorrectly placed. Affected landowners should contact FWRN LP directly to discuss concerns.
- In some instances tree removal was unavoidable. As noted, the road usage agreement is the document that outlines the process for determining tree replacement. Based on each municipality's road usage agreement there are specific requirements for tree replanting based on the species of trees catalogued.
- FWRN LP hired a licensed arborist to catalogue all species of trees with a diameter greater than a threshold diameter at breast height. FWRN LP has full inventory of these trees for the transmission line and collector line construction.
- FWRN LP is responsible for replacing trees and is working with the NPCA.

5. *We didn't realize you were in the logging business. Can you tell us where the logs from our trees, which again were on our property, went and how are you going to compensate us for them.*

- Any wood that could not be chipped was left in the road right-of-way (ROW) for local neighbours to pick up.
- Regarding trees removed from locations outside the road ROW on private property landowners should contact the project directly with the specific tree locations and concerns (Shiloh Berriman - email: shiloh.berriman@enercon.de; phone: 289-683-2563).

Item	Discussion

DRAINAGE:

1. *Large poles have been placed within the drainage ditches in the road allowance which has caused some issues-concern. What is the plan to address drainage concerns?*

- Engineering consultants involved in designing the transmission line considered drainage and culvert design when determining pole locations. All permits and approvals related to stormwater drainage have been received.
- The Region and FWRN LP have reviewed each pole location and FWRN LP has received the Region's approval for each pole site.
- If there are further or specific drainage questions they can be directed to the project for further clarification (Shiloh Berriman - email: shiloh.berriman@enercon.de; phone: 289-683-2563).

2. *My neighbor had sewer backup because of the construction of the transmission lines beside his home, he apparently received a small cash compensation for his loses and was told that if he wanted more he would have to sue – it seems to me that NRWF /Borgelex is not being a good neighbor if you do not totally cover his costs and also compensate for the nuisance aspect of this backup. What is your policy for these types of claims? What is the time frame that we can expect to receive compensation?*

- If there has been damage, it may considered an insurable claim and must go through the insurance claim adjustment process. To make a insurance claim, contact Shiloh (Shiloh Berriman - email: shiloh.berriman@enercon.de; phone: 289-683-2563).
- Based on the number of claims to date, the response time should be reasonable, but the exact timeline is claim specific.

UTILITY LOCATES:

1. *Poles are proposed for the corner of RR16 and Port Davidson Road. Who is responsible for ensuring this corner is day-lighted and what does that entail?*

- Daylighting is a process where a large vacuum-like trunk clears a given location to ensure utilities are properly located.
- FWRN LP is responsible for managing daylighting – it might be subcontracted but FWRN LP is ultimately responsible.

ARCHAEOLOGY:

1. *It was promised at the 1st CLC meeting that a representative would be made available to speak about the archaeological finds and studies still to be completed for the project. This was in response to answer the community's questions raised about construction disturbances and to speak about what artifacts were found. In particular the issues concerning questions about human remains, First Nation artifacts, post European contact finds and to update the community on the completed studies for the Niagara Wind project.*

- Jeff Weir, one of main archaeologists on the project was present at the CLC meeting and explained the archaeological process followed.
- All archaeology completed followed the stringent regulations set out by the Ministry of Tourism Culture and Sport (MTCS).
- Studies completed included:
  - Stage 1 - initial desktop study to determine archaeological potential (looked at whole project area and identified locations where there could have been sites of archaeological value);
  - Stage 2 - archaeological assessment carried out across the whole project area where there was archaeological potential. If any part of the project area shifted (ex. wherever the project team designed or redesigned where a turbine or the transmission line would run) the archaeological team went out to do archaeological field work; and
  - Stage 3 and Stage 4 – covered specific parts of the project design.
- All work was documented and available on the project website: http://www.nrwf.ca/projectdocuments/
- Anything that was found (spear point, stone tools, etc.) was reported to the MTCS.
- No burial ground was found. If human remains are found, archaeologists are mandated to stop work and notify the Ministry and follow an additional process.

Item **Discussion**

2. *Please provide information on what archaeological studies are still needed to be completed or still need to be initiated.*

- All required archaeological work has been completed.

ACTION ITEM: Archaeology report release date to be noted in the meeting minutes.

- Original REA Stage 1: January 4, 2013;
- Original REA Stage 2: April 5, 2013;
- REA Modification # 1 Stage 2 Tap-In Location: August 26, 2015;
- REA Modification # 1 Stage 2 Access Road T11/T12 and ENT 36: December 2, 2015;
- REA Modification # 2 Stage 2 Modified Alternate Transmission Route: March 16, 2016;
- REA Modification # 2 Stage 2 Modified Alternate Transmission Route: April 20, 2016; and
- REA Modification # 3 Stage 2 MET Towers and Modified Alternate Transmission Route Segment: March 16, 2016.

3. *What stage and what level of archaeological studies are required for site investigations of the project changes surrounding the transmission lines routes and other project modifications?*

- Stage 3 and Stage 4 archaeological assessments took place during project design and redesigns. As noted, all required archaeological work is complete.

VIBRATION MONITORING:

1. *Please confirm was the purpose for "vibration" measurement equipment along the roads which was noted by the residents and state the end use for the data being collected. Where will this information be reported?*

- Vibration monitoring was set up in front of buildings that were deemed to have heritage value.
- Additional locations were set up at buildings where neighbours contacted the project with vibration concerns. If a landowner raised a vibration concern, vibration monitoring was conducted.
- ACTION ITEM: Vibration report location to be reported in the meeting minutes. The post-construction vibration audits are sent directly to the MOECC. The data is not for public review.

2. *Vibration testing was done on Port Davidson Road after the transmission poles were sited. The home owner was told it was to check for damage to his basement from the installation of the transmission pole.*
   - Why was this testing done?
   - What are the chances of damage to basement walls from this construction? -Why was it done after the poles were sited instead of during the construction of the transmission lines?

Item **Discussion**

- Are results sent to the homeowners when testing is done?
- Is the homeowner informed when this testing is being done?
- Why is vibration testing not done pre and post the installation of transmission poles?
- Are results sent to the homeowners when testing is done?
- Can the results be sent in "plain English" for homeowners not educated in the vernacular of Acousticians?
-If the homeowner finds that there is damage to the foundation of his home - what should he do? Whom should he contact? What will be done to help him?

- Vibrational testing was done to determine what types of vibrations would have been propagated through the ground, based on the construction work taking place in the road ROW to determine if the construction work impacted private properties.
- Vibrational testing was only completed during pole installation as there would be no vibration at other times.
- Landowners had testing done near their property. They can contact Shiloh for the testing results and to receive further clarification, if needed.
- If landowners feel there may have been damage, they should contact Shiloh (Shiloh Berriman - email: shiloh.berriman@enercon.de; phone: 289-683-2563). As noted, any damage must be addressed through the insurance claims process.

WATER QUALITY:

1. *What water testing has been undertaken prior to operation of the project? Where can the results be found it this has been done?*

- All water wells within 500m of the project were sampled or attempted to be sampled prior to construction. Some water wells along Mountainview were also sampled. Wells were tested drinking water parameters/potability.
- Results were provided back to landowner – contact Shiloh (Shiloh Berriman - email: shiloh.berriman@enercon.de; phone: 289-683-2563), if results were not received.

2. *Is the proper way to get pre operational water test results for residents to contact you directly or another representative? If so could this please be included in the meeting information and update tomorrow. It is not clear to many of us who to contact in regards to questions about the project. What actually was tested for the water pre construction? Will it be the same tests after the project starts up? How often will the water tests be done?*

- As indicated, drinking water parameters/potability was tested in wells within 500 metres of construction.
- ACTION: Need to indicate in meeting minutes if potabilty testing will be done after project completed and at what frequency. As per the REA approval, FWRN LP will implement for a minimum period of two years after it is developed in a post-construction groundwater monitoring program.

Item **Discussion**

COMPLAINTS:

1. *In the complaint protocol it speaks to investigation results being updated - Please outline the process that will be undertaken for an investigation of a complaint.*

- As noted in the Complaint Process/Protocol, an initial response acknowledging the complaint will be provided within 48 hours via email or phone. This 48 hour window is followed by a resolution within 10 days.

2. *In the complaints protocol it states the logs are to be kept for a minimum of 5 years. It has been claimed the project will have a 20 year life span (with the option for renewal after that term) therefore provide the rationale for not keeping complaint logs for the life span of the project.*

- FWRN LP agrees; the complaint logs will be kept for 20 years.

3. Who is to receive complaints about the project?

- Shiloh Berriman is the contact person for project complaints (Shiloh Berriman - email: shiloh.berriman@enercon.de; phone: 289-683-2563).

4. *Who will the complaints be reported to?*

- Environmental complaints are reported directly with MOECC District Office.

5. *Please outline the process for conflict resolution if complaints remain unresolved.*

- ACTION: No dispute resolution. Boralex to look into and develop a complaints resolution protocol to be indicated in the minutes. The Operations Team has a complaint protocol in place. A copy of their protocol has been uploaded to the project website.

6. *If residents in the project experience electrical problems with their appliances, (I heard that in the HLF/IPC project some families lost all their appliances at once) who do we contact for compensation?*

- Local power distributors responsible for transmission lines associated with landowner property and should be contacted for any electrical problems within your home.
- It was explained that the project infrastructure does not come into contact with local power distribution transmission lines.

7. *If my vehicle is damaged due to the conditions of the roads – who is responsible? Whom do I contact for help?*

- As indicated in the road usage agreement, if there is an insurable claim, the insurance claims process must be initiated.

Item **Discussion**

- To date, there have been about a dozen claims about vehicle damage. Property owners need to raise concerns about property damage, including vehicles, to Shiloh – proper protocol must be initiated to ensure complaints are logged and dealt with appropriately.

8. *I understand that you have 48 hours to get back to me if I have a concern? What if I do not hear from you? What /who do I call then?*

- Shiloh is point person for communications for the project.
- If landowners do not hear back from Shiloh within 48 hours, landowners can contact the municipality, the Region, or another FWRN LP staff member.
- FWRN LP is trying to do its best to answer accurately and within a timely manner.

9. *Also on the Complaints log I notice that you will contact MOECC within 2 days with my complaint. I thought that you would take care of my complaint, not the MOECC. If you contact them, and then they contact "who?" – It could take days and the wind speed and weather conditions will be so different that my complaint would be null and void. How do I get the immediate response necessary?*

- Certain complaints require the involvement of specific Agencies, such as the MOECC. For example, if there was a public concern about noise – it automatically becomes a compliance issue and since the MOECC is the regulatory body that provides approval, it is the regulatory body's responsibility to deal with the complaint directly.
- Complaints are not null and void if someone does not have the ability to measure meteorological conditions. FWRN LP has information that will help them understand the conditions at the time of the complaint.
- Once the project is operational FWRN LP will have a 24hr/7days per week complaint centre available for the public to contact if there is something materially wrong with the turbines.
- The Complaints Protocol will continue post-construction and throughout operation. A copy of their protocol has been uploaded to the project website.

10. *I am concerned about my high speed internet. My family has "silo internet" but we are seriously concerned this will not work in the future. Once all the transmission poles are installed at my location, there are probably about 5 poles which may/probably will interfere with my reception. What will Boralex/NRWF do for me?*

- If in the eventuality one of the towers intercepts the ability to receive an internet signal, FWRN LP will mitigate this issue. Please contact Shiloh (Shiloh Berriman - email: shiloh.berriman@enercon.de; phone: 289-683-2563) to notify the project of this problem.

11. *In Renewable Energy, Being a Good neighbor in Ontario, tab 3, it speaks about a formal Complaints resolution process, which should be made available early in the development process. Apparently there are rules in the regulation that require developers to have a plan to respond to the public but I am not aware that this is being done. I know that you*

Item **Discussion**

say that you will respond to complaints within 48 hours. Where can we find the actual formal Complaints resolution? I have a copy of the Complaints log, but that is where you document complaints, but does not give me an answer re a Complaints Resolution Process. Can you provide us with this process, in written form for reference?

- There is a Complaint Protocol for this project that is available to the public.

- ACTION: Let public know where they can learn about the complaints protocol. A copy of their protocol has been uploaded to the project website: http://www.nrwf.ca/projectdocuments/.

12. *Why were the property owners on Baldwin Road not notified about what they were going to do on said road?*

- It was unfortunate that neighbours weren't notified. FWRN LP apologies for this oversight and has been working to improve the road since April 25, 2016.
- The entrance to road has been fixed and the road has been re-profiled but the construction team has to wait to complete the work because ground is too wet.
- If a culvert is removed, it will be replaced at the same location along the roadway.

13. *Why did you damage Baldwin Rd i.e. ruts, taking away a necessary culvert etc., so much that the property owners cannot get to their fields?*

- Please see above.

14. *Why did the construction workers on Baldwin deem it necessary to use private property as their road and cause major damage to the new seeding field there? And also deemed it necessary to use said private property for their dumping grounds without any notification or permission from owner.*

- Complaint has already been raised with the project and is under reviewed by the claims adjuster.

15. *Why do you think you can go onto private property to cut down a 200 year old red oak tree and a few smaller oak trees, when they were not even close to the work down and why did you not inform the property owner of what you did and what you did with the lumber.*

- Complaint has already been raised with the project and is under reviewed by the claims adjuster.

16. *Farmer's fields were damaged, tiles crushed, culverts taken out, not replaced, and transmission poles put in their place. Fields are flooded, hay crops damaged or destroyed. We are told these issues have been reported. What is in place to fix or replace these damages listed? Who is going to oversee that these damages for each farmer effected are restored? What are you doing so that these issues do not happen again with other farmers and land owners as this project moves?*

Item **Discussion**

- Complaint has already been raised with the project and is under reviewed by the claims adjuster.

17. *Many homes have hydro poles that are on the same side as these massive towers. Is that an issue? If so, what can we expect? Will we be given notice of future power interruptions, road closures, etc.?*
    - There is no issue with hydro poles being on the same side as project towers.
    - There will be more road closures during the project primarily related to pole installations. Pole installations are most intrusive in terms of road closures because equipment is very large. Pole installation completed around the end of June. Notices will continue to be published in the newspaper.

GENERAL INFORMATION:

1. *Please identify and name the current owners of the project.*

- Current owners are Enercon Canada, as well as the Daniels Corporation.
- Boralex is part of the construction team and has the option to purchase 25% of the project at financial close of the project.

2. *What is the legal name of the project?*

- FWRN LP is the legal name of the project.

3. *I notice the blades turning, are they just going free in the wind, or are you controlling them. If you are, who provides the energy: a pollution causing gas generator, or are you using electricity?*

- The blades will remain still until the turbines have gone through a pre-commissioning process. If the wind is not sufficient, a generator may be used to power the blades for pre-commissioning/initial testing.
- The blades will turn on the Turbines that have gone through pre-commissioning. The power they generate will be used for internal operations until the full farm is connected.

4. *I do not see evidence of electricity being fed to the turbines; will they eventually be using electricity to operate? If so, are the costs assigned to your company, or is the lease land owner paying the cost of the energy consumed by the turbines.*

- If there is no wind for an extended period of time, the turbines will use electricity to operate the mechanism.
- If electricity is used to power the turbine, the project pays for the electricity bill, not the landowner with components on their land.

Item	Discussion

5. *Is there compensation for me if I have been forced to drive way out of my way on a regular basis because my road is closed due to construction of the transmission lines? Ex: on Canboro Road.*

- We understand that construction can cause inconvenience. The project team is working to complete the project with minimal inconvenience. There is no compensation.

6. *On the complaints log there is a requirement for wind speed etc. How can I be expected to know wind speed at my location?*

- As long as a landowner takes note of the time and date, the wind speed can be obtained from other sources.

7. *The transmission poles are turning everyone off. We do not hear complaints about the turbines but sure hear a lot about the "ugly" poles, to close to the road, and planted in ditches. (I am sure that the cables will demand comments after they are installed too) I am concerned that those of us with residences along the transmission line will be unable to sell our homes or will be forced to take a loss because of these lines and cables above our homes. What is NRWF/Boralex going to do about this? Are there funds available to us, or would you dig into the funds in the Road use Agreement which are based on the kilometres of transmission lines? Or could the Community Impact Fund be used to assist the impacted residents?*

- The road usage agreement dictates that the Community Impact Fund is to be paid to the municipality. The intent is to provide the municipality with funds to spend on community improvements at their discretion.
- Each municipality's Community Impact Fund indicates what these funds can go towards.

8. *Can you explain to us, in layman's terms how the Community Impact Fund will be implemented, and what the terms of reference are for this committee? On what basis will the funds be allocated to community projects?*

- It is up to the discretion of the municipal Councils as to where the funds are allocated.
- The fund has a predefined list of items the money can be put to. There is a provision included within all agreements that if the municipality wants to spend money outside of the predefined list, they discuss options with FWRN LP.

9. *I understand from reading the CIF document that the lease land farmers (and NRWF) are requesting that this money be given to the community and that a representative of these land owners and NRWF will be on the committee to make the decision about where to allocate these funds? I also understand that this money can be "clawed back" should unexpected charges be forwarded to NRWF – so my question is. - Is this really a gift or just insurance against the community actually benefiting from this fund?*

- Please see above.

Item **Discussion**

- ACTION: FWRN LP to follow-up with each municipality and let the public know where the pre-defined Community Impact Fund lists are located. All the Community Impact Funds are publically available on each individual municipality's websites.

10. *I have (more than once) checked off the place in NRWF.CA where it states that I would like regular updates and newsletters – but I have not received a update or newsletter – Can you tell me why I am offered this service and I receive nothing. I thought that I would receive early notices such as when the Modification Report was posted ,especially since the time frame for appeal is so tight, which makes early notification imperative. This would be part of the "Renewable Energy: A good neighbor approach: Tips for Communities wouldn't it? A simple email would be sufficient and would certainly make me appreciate a Good Neighbour approach from NRWF.*

- FWRN LP agrees that there is room to improve communication.
- FWRN LP will meet with communications managers to establish more regular communication via website, or newspaper, Facebook, radio, etc.
- Modification notifications will continue to be distributed as per the MOECC requirements.
- ACTION: FWRN LP to issue modification reports for Smithville by-pass within a couple of weeks. FWRN LP to increase communication with the public. The modification reports were uploaded to the project website: http://www.nrwf.ca/projectdocuments/.

11. *At our last meeting, it was said that turbines 51, 10- and 11 would not be built. But, they are still on all the maps, even the newest maps which are with the modification report. Does this mean that you will be siting those in the future? Are they in your long range planning to be built after the project is complete? Are there plans to apply for an additional 9 MW project? Will the landowners who initially signed leases for their land still be on the hook if no turbines were placed on their property?*

- Turbines 10, 11, and 51 will not be built. There are no plans to build additional megawatts.
- Leases will dissolve on locations that don't have turbines as there is no legally binding contract if there are no turbines on a property.

12. *We have had our phone lines cut and not repaired for days. We have had hydro outages as lines were switched to accommodate a request by construction crews. Some neighbours have had damage to appliances and equipment due to the line changes made March 5th. We have, without being contacted, been told the damages were all a coincidence. On March 5th, the line we were switched to provided neighbours low voltage for days, hydro trucks were out in the night but they could not repair the problem as it was the line itself. Clearly these line switching outages are planned and for our farmers with computerized systems these outages cause major problems. Notice of power interruptions should be available, at least, to our farmers. What are you going to do to ensure our mechanized farms are made aware of planned outages? What are you putting in place so*

Item	Discussion

that public services are not disrupted in the future? Who will be responsible for these two areas? Could we please have contact number?

- FWRN LP does not have the authority to work on public utilities.
- If a landowner suspects something is wrong with their power, they should contact their local power provider.
- FWRN LP has paid local power companies to address issues quickly to lessen the impact and shorten timelines.

13. *Is there a web site that gives you detailed information as to road closures around us as this type of information is not reaching us?*

- Notification of road closures can be found on the landing page of the project website: http://www.nrwf.ca/

14. *The maps on your web site appear to be outdated and inaccurate. May I please have an updated, accurate map of this wind facility, including turbines, power lines and all infrastructure?*

- ACTION: Post updated mapping by Friday April 29, 2016. The updated mapping was uploaded to the project website: http://www.nrwf.ca/projectdocuments/.

15. *Turbines are built in a migratory bird staging are. Migratory bird behaviour has been drastically changed this spring. Only major change has been the construction and testing of wind turbines.*
60 - 80% reduction in staging area activities (gathering on ponds, gathering in fields, low flying formations, flocking up) from previous 30 years.
60 – 80% Reduction in migratory bird numbers (water fowl) from previous 30 years.
What steps will the company take to mitigate this environmental problem?

- FWRN LP is committed to conducting post-construction monitoring to note any behavioural changes as required in the REA approval.

16. *What is the timing of decommissioning of the project?*

- There is a contract in place for 20 years. Project decommissioning would happen after that time and FWRN LP would be responsible for project decommissioning.

17. *What is the approvals process for transmission lines?*

- There are two (2) levels of approval for transmission lines – REA and OEB. Both approvals have been obtained for this project.

SCHEDULE:

Item	Discussion

1. *Could you give us a timeline for when you expect this project to be complete, including remediation? When do you expect Commissioning, and when do you anticipate decommissioning?*

- Construction work is expected to be complete (substantial completion) by September 2016.
- Remediation of construction activities will continue after September 2016. The local municipalities and the Region are concerned about restoration actions and are working with FWRN LP. The goal is to complete remediation as soon after construction as possible; forecasted by end of 2016.
- Specific timing of the laydown area (Vaughan Road) decommissioning is October – November 2016.
- Turbines are started up, in groups of 5 or 6, depending on the network in the ground.
- When a turbine is started, notification is sent to the private landowner but not the general public.
- ACTION: FWRN LP to publically announce when the project is commercially operational.

2. *Is there a completion date in sight?*

- Substantial completion is anticipated by September 2016.

TRAFFIC:

1. *We have had our road closed at one or the other, or at both ends for months now, often there are detours on our detours. We did, after complaining, get notices in our mailboxes telling us where the road will be closed for the week. This helps as this yo-yoing from one end to the other is maddening. Clearly however, often no one gives the crews the notices we get. The most annoying of all of this is when we come across the road blocked with pylons, or heavy equipment and no one working. Who was overseeing this while it was happening and what can we expect in the future? What are you doing so that this issue does not happen again to others? (I should note here that we have not had a local paper in months and when we finally had one delivered last week we saw notices of road closures, but these notices do not help if the papers cannot be delivered.)*

- Road detours are planned on a weekly basis due to construction.
- When detours are approved, notifications are posted in the newspaper and distributed to landowner mailboxes. It is recognized that there have been some problems with the local distribution which has been addressed.
- If something has happened outside of expected process (i.e., no notification received) please inform Shiloh (Shiloh Berriman - email: shiloh.berriman@enercon.de; phone: 289-683-2563).

STRAY VOLTAGE:

1. *What if the families, or the pets or livestock, along the transmission lines suffer from electrical pollution and stray voltage? What will be done for those families?*

Item	Discussion

- Stray voltage happens if the distribution system that feeds the farm is not grounded properly.
- Generally in Ontario, distribution systems were not grounded properly especially in situations where electrical work was not completed by a licensed professional. In these cases, landowners may experience stray voltage or feed voltage in a dairy barn.
- To mitigate stray voltage, a grounding rod has to be installed.
- Energy coming into your house is sourced by the local distribution company. There is no connection between the FWRN LP project and the local distribution company..
- If landowners experience problems with stray voltage they should explore how their system is grounded and contact their local distribution company.

NOISE:

1. *With regard to monitoring of noise emissions when the project enters operation:*
   a.) What standard will your team follow to conduct noise measurements?
   b.) What equipment will be used to perform the noise measurements? (Please include unit and microphones, etc.)
   c.) When will noise measurements be taken?
   d. For what duration will noise be captured?
   e.) What standard(s) will your team employ to process the noise data?
   f.) What happens to the raw measurement data after it is processed and compiled into a report?
   g.) Is the unprocessed data available for interpretation at a later date?
   h.) May other parties request access to the raw unprocessed noise data?
   i.) May other parties request access to the noise measurement report(s)
   - The standards of noise emissions testing follows the stringent requirements set out by the MOECC for compliance with the REA conditions and commitments in the noise study.
   - If proponent is creating noise at the receptor that means there is a problem with the turbine and FWRN LP wants to know.
   - If a landowner has a concern associated with a noise compliance issue, the MOECC and FWRN LP will conduct audits and assessments at the complaint location.
   - In addition to a one-off complaint, FWRN LP is required to manage an in-situate measurement campaign to ensure that noise emitted correlates to the proponent's noise report.
   - There are spot checks that are managed by a third-party. If the project is found to be out of compliance, FWRN LP is required to mitigate. The International Electrotechnical Commission (IEC) requirements lays out specific criterion that indicates which turbines will be audited.
   - ACTION: Post what the project is required to, under the requirements of the law, with respect to noise before the commercial operation date.

Item **Discussion**

- ACTION: Post IEC standard document to project website before commercial operation date. Before the commercial operation date, FRWN LP are required to do nothing.

2. *The MOECC standards and procedures indicate that they only consider audible noise to be a risk to human health and wellness.*
   (In use of A weighting in their noise processing and given they will not respond to reports of issues from residents who live more than 1,500 meters away from the nearest turbine...)
   Yet, many people have reported disturbing observations and health impacts well beyond this range.
   a.) Will your team provide any protective measures for the people living in the community your wind facility will operate in beyond current MOECC regulations - or will you simply comply with MOECC regulations as pertaining to noise emissions and response to reports of issues?
   b.) If you receive reports of disturbance and/or health impacts with suspected connection from people living beyond 1,500m away from the nearest turbine, what responses from your team are possible?
   c.) From communicating directly with the MOECC that it is suspected their noise regulation pertaining to emission of noise which depends upon A Weighting and specific levels in dB(A) do not adequately protect people from infrasonic noise emissions and the pulsating characteristic and tonality of them, it is clear the MOECC will not invoke any studious investigation to ensure their protections are adequate to protect the people living in the communities where large wind turbines operate. What can you as manufacturer and operator provide as assurance that no one in our community will encounter harm from the operation of your wind facility?
   d.) Pertaining to the above, in case you receive reports from the community of issues and observations that problems may exist which have not been previously detected and fully mitigated by existing practiced standards, what is your company capable of doing to ensure any potential health and wellness risks are mitigated? How would an average resident request help if needed?

- FWRN LP will comply with MOECC requirements.
- If there is a public complaint with regards to health, it will be investigated as per the Complaint Protocol. If there is credible evidence that the project is harming someone the team will work to address this.

3. *May I please have access to the noise study which was conducted as part of the permitting process?*

- The noise study is available on the project website: http://www.nrwf.ca/projectdocuments/

Item	Discussion

4. *How may I obtain access to noise monitoring which will be conducted through testing and operation?*
- Third Party audit results are relayed back to the MOECC to determine compliance with the project permit. Clearance for release of this data would need to come from MOECC.

5. *I read in the project description that noise monitoring will be done pre and post installation of turbines. I understand that the pre noise testing is done by computer generated testing.*
-Is that true?
- Can you explain how a computer can actually test for background noise or environmental noise at each affected home?
- How is the post installation testing done?
- Are the results made available to the homeowners?
- Would you be so kind as to arrange for all noise receptors (homeowners) to receive the results of these tests at all turbines (for example at 2kms from their home).
    - This data is not for public review and will only be shared with MOECC.

9 **Thank you – Closing:** *The meeting adjourned at 9:00pm*

Project Contact Information

Niagara Region Wind Farm

Shiloh Berriman, Project Coordinator
4672 Bartlett Rd. S, Beamsville ON
Cell: 289-683-2563
Email: shiloh.berriman@enercon.de

General Project Information

General number: 819-363-6491
Toll free: 1-844-363-6491
Project email address: info@nrwf.ca
In addition, Project information is posted to the Project website: **www.nrwf.ca**

CLC Facilitator

Karla Kolli, MCIP, RPP
Partner, Dillon Consulting Limited
416-229-4647 x2354
kkolli@dillon.ca

Errors and/or Omissions

These minutes were prepared by Nadia Galati who should be notified of any errors and/or omissions.