

WE WANT TO HEAR FROM YOU

We welcome your feedback. Please contact us with any questions or concerns or if you would like to meet to discuss the Project. We will summarize and submit stakeholder comments as part of the AUC wind power plant amendment application.

We have included a brochure titled *Public Involvement in a Proposed Utility Development* with this newsletter.

To learn more about the application and review process, please contact the AUC at 780-427-4903 (toll-free by dialing 310-0000 before the number).



INTRODUCTION

Thank you to everyone who has provided feedback on the Paintearth Wind Project (the Project)! We value our relationships with local communities and appreciate your continued interest in the Project.

PROJECT UPDATES

On June 14, 2017, the Paintearth Wind Project LP (PWLP) team submitted applications to the Alberta Utilities Commission (AUC) under Rule 007 and Rule 012, seeking approval of a power plant, substation, and interconnection, all of which were combined under Proceeding Number 22726.

On July 4, 2017, the AUC sent a public notice of filing to affected stakeholders, outlining the process and requesting feedback by July 28, 2017. Throughout this process, we have continued to engage stakeholders while determining a final Project layout.

IN THIS NEWSLETTER, YOU WILL FIND:

- PROJECT UPDATES AND OTHER INFORMATION

INSERTS:

- VISUAL SIMULATIONS
- PROPOSED PROJECT MAP #4
- PROJECT COMPARISON MAP

CONTACT US

Paintearth Wind Project LP,
by its general partner
Paintearth Wind Project Ltd.

Suite #133
#100, 111 – 5 Ave SW
Calgary, AB T2P 3Y6

For additional information about the Project, please contact:

Dan Tocher
Stakeholder Relations Manager

Email: info@paintearthwind.com
Toll Free: 1.855.221.1888
Web: www.paintearthwind.com



COMMUNITY DEVELOPMENT FUND

In 2017, PWLP was once again proud to sponsor the annual Halkirk Elks Bullarama, and is also proud to announce the sponsorship of the Paintearth Community Adult Learning Council in support of community literacy and foundational learning.

PWLP will continue to provide the community with a funding commitment throughout the Project life and will engage with community representatives to support local initiatives and projects, like the Halkirk Elks Bullarama and the Paintearth Community Adult Learning Council. Once the Project is commercially operational, funding will be coordinated through the creation of a development fund and a community development committee. The committee will consist of Project representatives, community members, and liaisons that will help determine how the community fund is used.

If you have any interest in participating in the community development committee, or if you have community initiatives or funding opportunities that you would like to submit, please contact PWLP via the contact information found in this newsletter.

Privacy Commitment: PWLP is committed to protecting your privacy. Collected personal information will be protected under the provincial Personal Information Protection Act. As part of the regulatory process for new generation projects, PWLP may be required to provide your personal information to Alberta Utilities Commission (AUC). For more information about how PWLP protects your personal information, visit our website at www.paintearthwind.com or contact us directly via phone toll-free at 1.855.221.1888.

PROJECT UPDATES CONTINUED

Based on stakeholder feedback and additional technical and economic analysis, we have reduced the number of wind turbine locations from 44 to 42. These 42 wind turbine locations are a subset of the previously identified locations.

We have also changed the turbine model to improve the Project’s overall competitiveness. The new turbine is a Servion 3.6M140 3.6-MW turbine, which has similar characteristics to the previous Servion 3.4M140 3.4-MW turbine. With 42 turbines, each with a nameplate capacity of 3.6 MW, the Project’s total nameplate capacity is now 151.2 MW. The Project continues to comply with the AUC Rule 012 noise requirements with the change in turbine model. The wind farm’s maximum output to the Alberta Interconnected Electric System will remain the same.

Proposed Project Map #4 (see insert) shows the following:

- the updated Project boundary,
- the proposed 42 wind turbine layout,
- the Project substation (located at SW 14-37-15 W4M),
- the access roads, and
- the underground electrical collector system.

The table below compares the Project as it was on the February 2017 Project Map #3 to the Project today, as represented on the March 2018 Project Map #4. The Project Comparison Map insert and Project Comparison Table below provide a summary of the Project updates. The PWLP team will submit an amended application incorporating these changes to the AUC in Q2 2018.

PROJECT COMPARISON TABLE	PROJECT MAP #3	PROJECT MAP #4	CHANGES
	ISSUED FEB 22, 2017	IN THIS NEWSLETTER	
Number of Turbines	44	42	Reduction of 2 turbines
Number of Turbine Locations	44	42	Reduction of 2 turbine locations
Turbine Type	Servion 3.4M140	Servion 3.6M140	Change in turbine model
Turbine Nameplate Capacity (MW)	3.4	3.6	Increase of 0.2MW per wind turbine
Hub Height (m)	110	110	No change
Rotor Diameter (m)	140	140	No change
Project Nameplate Capacity (MW)	149.6	151.2	Increase of 1.6 MW for the entire Project
Maximum Allowable Electricity Delivered to the Alberta Grid (MW)	150	150	No change
Compliance with Rule 012 Noise	Yes	Yes	No impact to compliance

VISUAL IMPACTS

The Servion 3.6M140 3.6-MW turbine has the same physical specifications as the Servion 3.4M140 3.4-MW turbine. Therefore, the Project’s visual impact is largely unchanged, although fewer turbines will reduce the Project’s overall visual impact. The Visual Simulations insert in this package provides visual simulations from several locations in the Project area. Higher resolution images are available upon request.

COLLECTOR SUBSTATION CHANGES

The selection of the final 42 turbine locations and the Servion 3.6M140 turbine requires the removal of some of the collector system, as well as some minor changes shown in the Project Comparison map. The Lanes Lake Substation remains in the same location and does not require any further updates to meet the AESO’s interconnection requirements.

NOISE SPECIFICATIONS / CLASS C2 ADJUSTMENT

As was indicated in the February 2017 newsletter, the PWLP team previously planned to apply for a Class C2 adjustment in accordance with AUC Rule 012. This adjustment was considered to better demonstrate compliance with permissible sound levels at homes, as it would allow the Project to appropriately account for the background sound levels during the wind conditions when wind turbines operate.

The PWLP team did not proceed with the application for the Class C2 adjustment, as we have confirmed that we do not require a Class C2 adjustment for noise for the Servion 3.6M140 wind turbine. The Project layout using the Servion wind turbine design complies with the AUC Rule 012 requirements.

The Servion 3.6M140 turbine has slightly higher sound emissions than the Servion 3.4M140 turbine. We’ve completed additional noise modelling, and we’ve identified that the new turbine meets all sound requirements under AUC Rule 012.

Proposed Project Map #4 (see insert) shows the updated sound contours using Servion 3.6M140 3.6-MW turbines with a hub height of 110 metres and a rotor diameter of 140 metres.

AESO RENEWABLE ELECTRICITY PROGRAM

The Project was unsuccessful in the 2017 AESO Renewable Electricity Program (REP); however, the AESO has announced two more REP processes for 2018. The PWLP team will be submitting the Project into the 2018 REP processes, as well as continuing to seek other contracting opportunities. The timeline in the Next Steps portion of this newsletter shows the Project’s potential schedule moving forward. For more information on the REP please visit: www.aeso.ca/market/renewable-electricity-program.

NEXT STEPS

The timeline below indicates a potential high-level schedule of events between now and Project completion. The PWLP team will file amended applications with the AUC in Q2 2018. The team also plans to submit the county development permit to the County of Paintearth No. 18 in the first half of 2018.

We are committed to continuing to share Project information and consulting with the public to ensure that we hear and address stakeholder input and concerns.

PWLP SCHEDULE

** Schedule is subject to change*

TIMELINE	PROJECT MILESTONE
Q2 2018	AUC application amendment
Q2 2018	Development Permit submissions
Q3 2018	Expected AUC approval
Q2-Q4 2018	Participation in AESO 2018 REP competitions; pursue other contracting opportunities
Q2-Q4 2019	Project construction
Q4 2019	Commercial Operation



LOCATION 1: SOUTH LOOKING NORTH

VISUAL SIMULATIONS

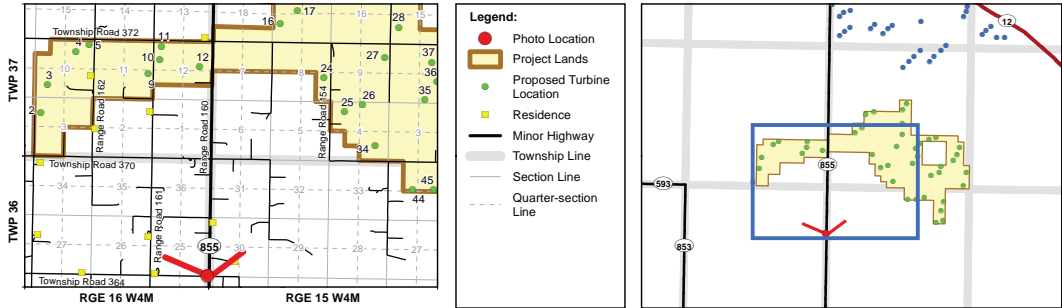
BEFORE



AFTER



Visual simulations are indicative only



LOCATION 2: SOUTHEAST LOOKING NORTHWEST

VISUAL SIMULATIONS

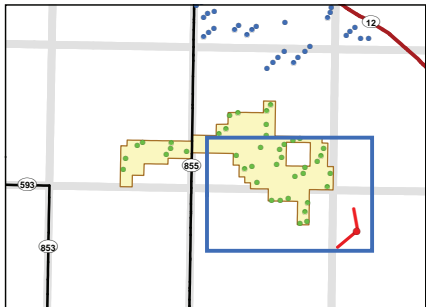
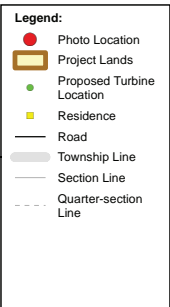
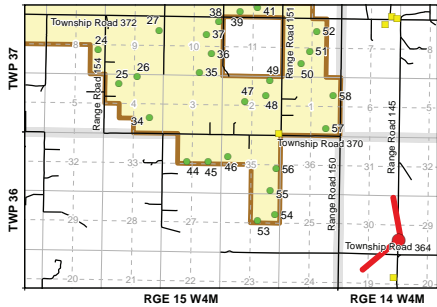
BEFORE



AFTER



Visual simulations are indicative only



LOCATION 3: NORTHWEST LOOKING SOUTHEAST

VISUAL SIMULATIONS

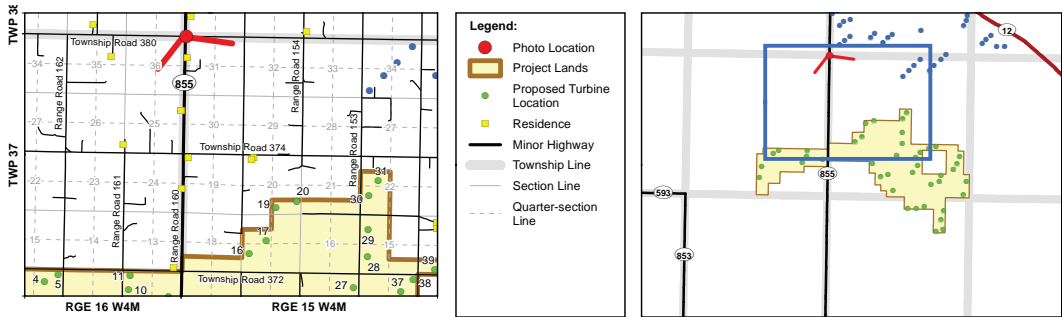
BEFORE



AFTER



Visual simulations are indicative only



LOCATION 4: EAST LOOKING WEST

VISUAL SIMULATIONS

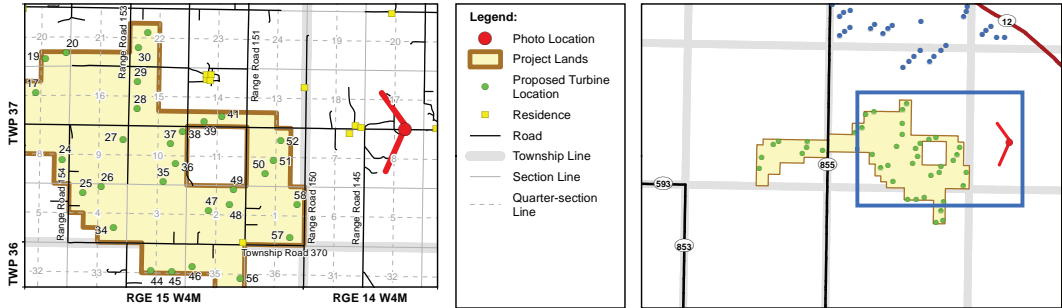
BEFORE



AFTER



Visual simulations are indicative only



TWP 38

TWP 37

TWP 36

RGE 16 W4M

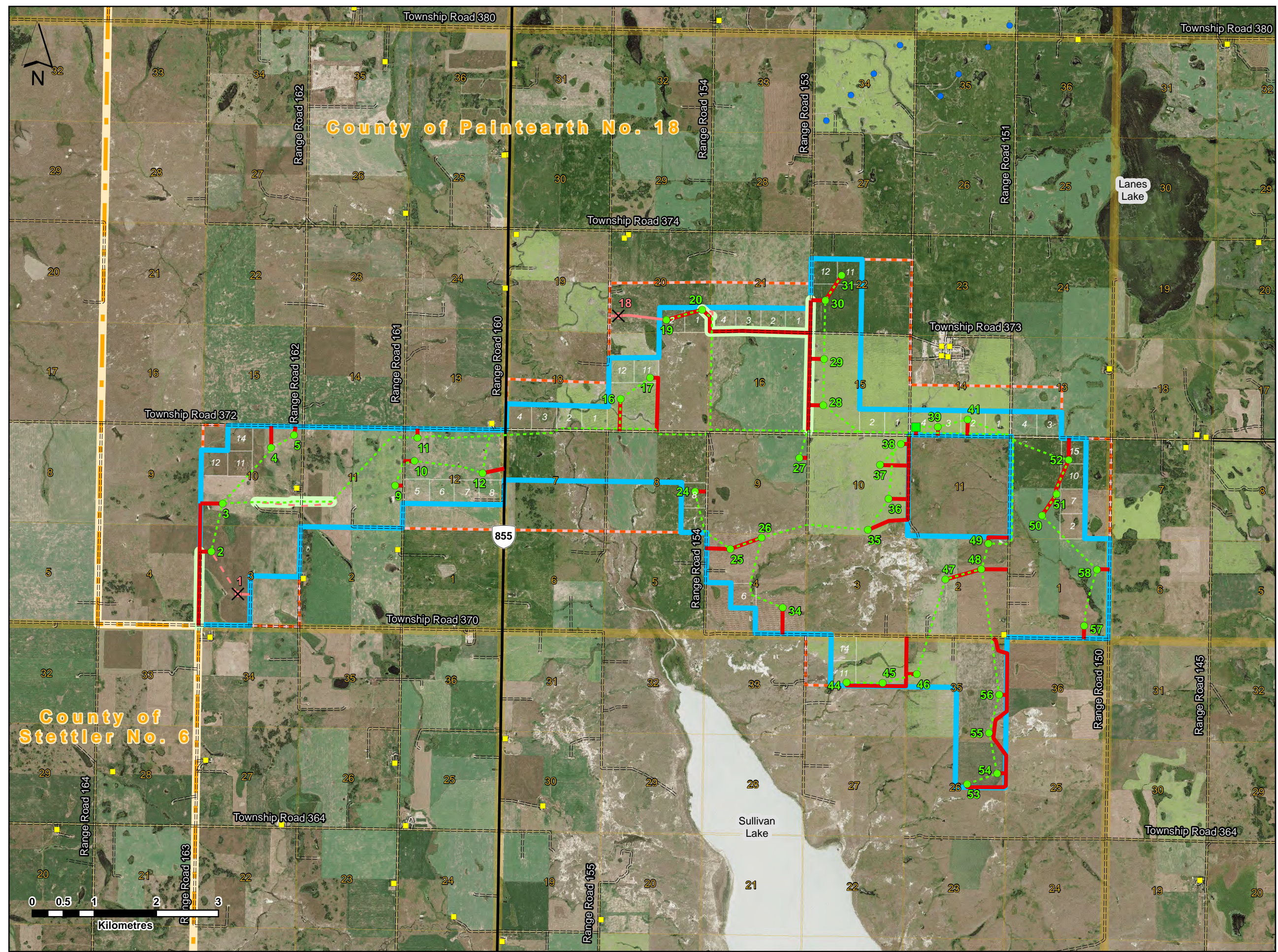
RGE 15 W4M

RGE 14 W4M

TWP 38

TWP 37

TWP 36



March 29, 2018
**Paintearth Wind Project
42 Turbines**

Project Comparison Map

- Current Project Boundary
 - Proposed Turbine Location
 - Proposed Project Substation and Proposed O&M Building
 - Proposed Underground Collector (34 kV)
 - Proposed New Road
 - Minor Highway
 - Paved Road
 - Unpaved Road
 - Residence
 - Existing Turbine (Halkirk)
 - Municipal District and County Boundary
 - Township Line
 - Section Line
 - Previous Project Boundary *
 - Removed Turbine *
 - Removed Proposed Underground Collector *
 - Removed Proposed Road *
 - Added Proposed Underground Collector and/or Road *
- * Changes compared to Proposed Project Map #3 dated 2017-02-13*

Version: 14
Date: 2018-03-28
Layout: 20170825
BOP: 20171021
Boundary: 20171124

Datum: NAD 83
Projection: UTM Zone 12N
Scale: 1:60,000
Prepared By: WSP



Data Credits: Alberta Township System, roads and water: AltaLIS (c) Government of Alberta; Existing turbine locations from FAA DOF. Imagery: Planet Labs (image date Aug 2015).

TWP 38

TWP 37

TWP 36

RGE 16 W4M

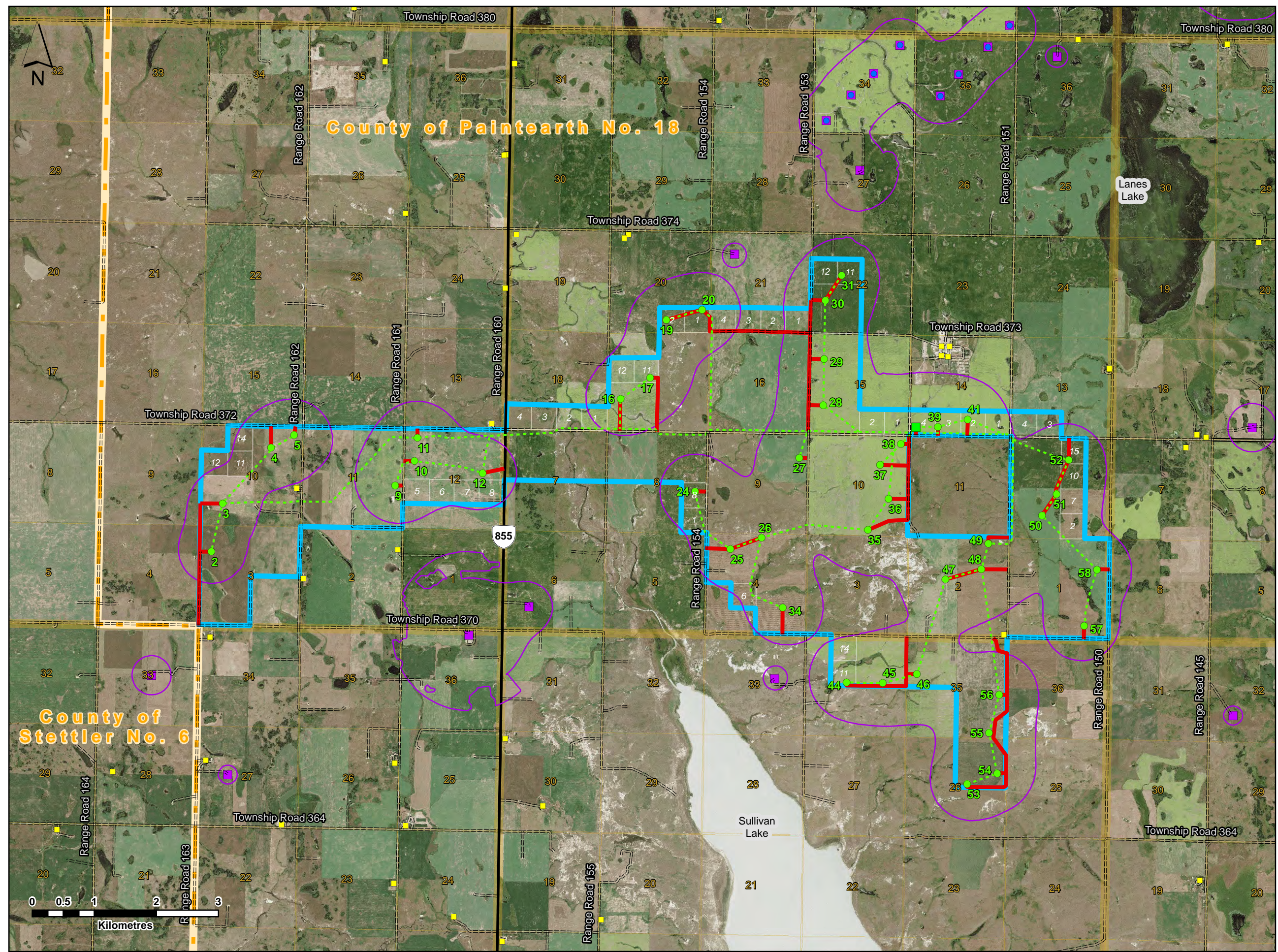
RGE 15 W4M

RGE 14 W4M

TWP 38

TWP 37

TWP 36



March 29, 2018
Paintearth Wind Project
42 Turbines

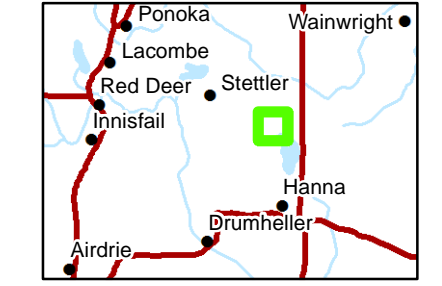
Proposed Project Map #4

- Current Project Boundary
- Proposed Turbine Location
- Proposed Project Substation and Proposed O&M Building
- Proposed Underground Collector (34 kV)
- Proposed New Road
- Minor Highway
- Paved Road
- Unpaved Road
- Residence
- Existing Turbine (Halkirk)
- Municipal District and County Boundary
- Township Line
- Section Line
- Cumulative Nighttime Permissible Sound Level (40 dBA including Ambient Sound Level)
- Third-party Energy Facility / Sound Source

Note: Turbine numbers are not in sequential order

Version: 14
Date: 2018-03-28
Layout: 20170825
BOP: 20171021
Boundary: 20171124

Datum: NAD 83
Projection: UTM Zone 12N
Scale: 1:60,000
Prepared By: WSP



Data Credits: Alberta Township System, roads and water: AltaLIS (c) Government of Alberta; Existing turbine locations from FAA DOF; Sound contours and third-party sound sources from RWDI. Imagery: Planet Labs (image date Aug 2015).

Step 6: The public hearing process*

The public hearing process provides an opportunity for those who have been unable to resolve their concerns with the applicant and have made a filing, to express their views directly to a panel of Commission members. The panel reviews the initial filings and grants what is referred to as standing to those who may be directly and adversely affected by the proposed project. Standing is necessary to continue involvement as an intervener in the proceeding which may include the filing of evidence and participation in an oral or written hearing.

The AUC will issue a notice of hearing setting out the hearing date, location and additional process steps and deadlines. An AUC public hearing operates similarly to a court proceeding and is a quasi-judicial process. The general public is welcome to attend as an observer and the hearings are often broadcast online so that those interested can listen-in.

Participants in a hearing can either represent themselves or be represented by legal counsel. In addition, participants may hire experts to assist in preparing and presenting evidence to support their position.

Persons who hire legal counsel or technical experts must be aware that while reimbursement for the costs of legal and technical assistance may be available under Rule 009, recovery of costs is subject to the Commission assessing the value of the contribution provided by counsel and technical experts. People with similar interests and positions are expected to work together to ensure that any expenditures for legal or technical assistance are minimized and costs are not duplicated.

Step 7: The decision

For electric transmission facilities, the need for transmission development filed by the Alberta Electric System Operator to the AUC must be considered to be correct unless someone satisfies the Commission that the needs application is technically deficient, or that to approve it would be contrary to the public

interest. For electric needs applications, the Commission can either approve, deny, or send the application back with suggestions for change.

Commission decisions made about applications filed for a specific utility development, including electric transmission lines, gas utility pipelines and power plants, may be approved, approved with conditions or denied. Decisions are typically released within 90 days from the close of the record as a written report. The decision, available on the AUC website, will summarize the Commission's findings and state its reasons for the decision with any conditions or approval time limits if applicable.

Sometimes needs and facility applications are considered together in a single proceeding.

Step 8: Right to appeal

A participant in a hearing who is dissatisfied with the decision of the Commission may request that the Commission review and vary its decision. Such a request must follow the procedure set out in Rule 016: *Review of Commission Decisions*.

A dissatisfied participant may also file a leave to appeal motion in the Court of Appeal of Alberta within 30 days from the date the decision is issued.

Step 9: Construction and operation

Any applicant that receives a permit to construct and licence to operate a facility from the Commission must adhere to any conditions that were set out in the decision. If you notice something during the construction or operational phases of a project that concerns you, bring this to the applicant's attention. If you are not satisfied with the response you receive, please bring your concerns to the attention of the AUC.

***Denotes opportunity for public involvement**

The Alberta Utilities Commission is committed to ensuring that Albertans whose rights may be directly and adversely affected by utility development in Alberta have the opportunity to have their concerns heard, understood and considered. If you believe you may be directly and adversely affected, you can become involved in the AUC application and review process.

Contact information

Phone: 780-427-4903
Email: consumer-relations@auc.ab.ca

Dial 310-0000 prior to the 10-digit number and then press 1 for toll-free access anywhere in Alberta.

Information session

It is our goal to ensure that you understand the process, and your opportunities for involvement in proceedings to consider utility development applications. For those interested in having an AUC staff member further explain the application and review process or answer questions you may have about your involvement in utility development proceedings, please contact us as we may schedule a formal information session for you. The virtual information session on our website, found under Involving Albertans, will also provide you with further details which could assist you in understanding the process and having your say in a utility development proceeding.

This brochure provides general information only. Specific participation opportunities may differ depending on the type of application.



Public involvement in a proposed utility development

Understanding your rights and options for participating in a proceeding to consider applications for a proposed project in your area

Application process
Step 1* Public consultation by the applicant.
Step 2 Application filed with the AUC.
Step 3 The AUC issues a notice of application or notice of hearing.
Step 4* Interested parties submit filings to the AUC with any outstanding issues or objections.
If the AUC does not receive any submissions, the application will be reviewed and a decision may be made without a hearing.
Step 5* The AUC issues a notice of hearing, if it was not already issued in Step 3. <ul style="list-style-type: none">Continued opportunity for consultation and negotiation with the applicant.
Step 6* Public hearing.
Step 7 The AUC issues its decision. Below are the options the AUC may consider for: Needs applications from the Alberta Electric System Operator: <ul style="list-style-type: none">Approval of application.Return to the Alberta Electric System Operator with suggestions.Denial of application. Facilities applications: <ul style="list-style-type: none">Approval of application.Approval of application with conditions.Denial of application.
Step 8 Option to appeal decision or ask the AUC to review its decision.
Step 9 Approvals, construction and operation of facility, if approved.

Having your say

Early discussions with the applicant about proposed utility developments will often result in greater influence on what is filed in the application for approval. Utility developments include natural gas pipelines, electric transmission lines and substations (including Alberta Electric System Operator needs identification documents), and power plants. Should you have concerns related to a proposed utility development, it is best to have early and ongoing discussions with the applicant.

If your objections cannot be resolved, or you have outstanding concerns upon the filing of an application with the AUC, you have an opportunity to submit an initial filing with your objections in writing to the AUC containing the following information:

- How you may be affected by the proposed project and the location of your land or residence in relation to it or any alternative proposed in the application.
- The potential effect the proposed project may have on your property or interest in the property .
- A description of the extent to which you may be affected, and how you may be affected in a different way or to a greater degree than other members of the general public.

Following this initial filing, you may be able to fully participate in the proceeding. This could include having legal representation and participation in a public hearing. It is important to note that any applied for routes and segments (preferred and alternate) could be chosen as the approved route in the AUC decision.

Step 1: Public consultation prior to application*

Prior to filing an application with the AUC for the approval of a proposed utility development, the applicant is required to conduct public consultation in the area of the proposed project, so that concerns may be raised, addressed and if possible, resolved.

The requirements for consultation and notification, namely the participant involvement requirements, are set out in Rule 007 for electric facilities and Rule 020 for gas utility pipelines.

Potentially affected parties are strongly encouraged to participate in the initial public consultation, as early involvement in discussions with an applicant may lead to greater influence on project planning and what is submitted to the AUC for approval.

Step 2: Application to the AUC

When the participant involvement requirements have been completed, the proponent of the utility development files an application with the AUC. The application must indicate the issues which came up during the public consultation and any amendments considered or made to the project. Any unresolved objections or concerns which arose from the public consultation must be identified in the application.

*Denotes opportunity for public involvement

Step 3: Public notification

The Commission will issue a notice when it receives an application that, in the Commission's opinion, may directly and adversely affect the rights of one or more people. The notice is typically sent by mail to residents in the project area and may also be published in local newspapers. The notice will provide key dates, contacts and participation information for those interested in becoming involved in the application process.

Step 4: Public filings to the AUC*

If you have unresolved objections or concerns about the proposed project filed with the AUC for approval and wish to participate in an AUC proceeding, you must make an initial written filing. Your filing must include your contact information, concern or interest in the application, an explanation of your position and what you feel the AUC should decide. Please be aware that any information or materials filed with the AUC, except information granted confidentiality, is available to the public.

Filing your concerns

The eFiling System is a web-based tool created to manage applications and filings made to the AUC through a proceeding-based review. This system gives access to all public documents associated with applications filed with the AUC and is the most efficient way to provide your input to the AUC and monitor the related proceeding filings.

Those who do not have access to the Internet can send filings, evidence and other material by mail or fax and the AUC will upload the submission on your behalf.

Participant cost reimbursement

A person determined by the Commission to be a local intervener can apply for reimbursement of reasonable costs incurred while participating in an AUC proceeding. Details regarding recovery of participants' costs are described in Rule 009: *Rules on Local Intervener Costs*.

Step 5: Consultation and negotiation*

The Commission supports ongoing efforts to reach a positive outcome for the applicant and all affected parties. The Commission encourages the applicant and those who have made filings to continue to attempt to resolve any outstanding issues. If all concerns can be satisfactorily resolved this may eliminate the need for a formal hearing. However, if there continues to be unresolved issues, typically those matters will be addressed at an AUC public hearing.