



Redwood County

www.co.redwood.mn.us

Application for Conditional Use Permit

Fultz Farms Inc.

Permit #: 7-25 Date: 6/23/25

Location of Proposed Use:

Address: 104011 140TH ST City: Tracy State: MN Zip: 56175
House # Street Name

Parcel #: 66-007-3060 Township: _____ Section: 07 Twp #: TWP-109 Range: 39

Legal Description:

SECT-07 TWP-109 RANG-39 TR BEG 100' W OF SE COR OF SW 1/4, TH W 660', N 660', E 660', S 660' TO 10401 140 ST TRACY

See attached

Information about the Site:

Zoning District: _____

NOTICE: Change of land use may affect your property taxes.

General description of the building(s) and proposed use:

We are proposing the installation of two small non-commercial Eocycle Technologies, Wind Turbine Systems 105' in height and Rated @ 19.9 kW each

Building Size: (Please enter dimensions in feet)

Width: 30' Length: 30' Diameter: 5' Total Height: 105'

Setbacks: (Please enter in feet)

Side Yard Setback: 115' Direction: EAST

Side Yard Setback: 389' Direction: West

Rear Yard Setback: 115' Direction: North

Road Type: _____ Setback from the Right-of-Way: 327'

Setback from the center of the road _____ ft

Type of Sewer System:

Drainage Plan:

Other Information:

[Empty box for other information]

Applicant Information:

First Name: LANE **Last Name:** ALBRECHT
Business Name: ALBRECHT WIND ENERGY LLC
Address: 2305 WILLIAMS PKW SW **City:** WILLMAR **State:** MN **Zip:** 56201
Home Phone: _____ **Cell Phone:** 320-298-1130 **Email:** LANE@ALBRECHTWINDENERGY.COM

Operator Information: (Complete only if different from Applicant)

First Name: _____ **Last Name:** _____
Business Name: _____
Address: _____ **City:** _____ **State:** MN **Zip:** _____
Home Phone: _____ **Cell Phone:** _____ **Email:** _____

Land Owner Information: (Complete only if different from applicant)

First Name: Jay **Last Name:** Fultz **Business Name:** FULTZ FARMS INC
Address: 12411 ASPEN AVE **City:** TRACY **State:** MN **Zip:** 56175
HomePhone: _____ **CellPhone:** 507-626-0841 **Email:** jay.fultz@gmail.com

I affirm that the forgoing information is true and accurate. I understand that if any portion of this information is false or materially misleading, any conditional use permit issued in reliance upon this information is voidable at the election of Redwood County.

Land Owner Signature: JCF Jay Fultz (Mn 23, 2025 23:58 CDT) **Date:** 23/06/2025

Office Use Only: * The section below is to be filled out by the Environmental Office Staff

Permit Fee: \$700.00 **Receipt #:** 32884 **Date Approved:** _____

Application Received: _____

Commission Action:		County Board Action:	
Approved: _____	Date: _____	Approved: _____	Date: _____
Disapproved: _____	Date: _____	Disapproved: _____	Date: _____

Conditional Use Permit #7-25

Legal Description

All that part of the SE¼ of the SW¼ of Section 7, Township 109N, Range 39W in Redwood County, Minnesota, described as follows, to-wit:

Beginning on the South line of said Section 7 at a distance of 100.00 feet on an assumed bearing of South 90°00' West from the Southeast corner of the SW¼ of said Section 7; thence South 90°00' West along the South line of said Section 7 for 660.00 feet; thence North 0°40' West for 660.00 feet; thence North 90°00' East for 660.00 feet; thence South 0°40' East for 660.00 feet to the point of beginning, containing 10.00 acres, more or less.

Conditions for Permit No. 7-25 (Lane Albrecht – Fultz Farms Inc.)

1. The permit holder shall comply with all applicable laws, rules, and regulations, including but not limited to Redwood County Code, as hereafter amended from time to time.
2. The permit holder shall allow the Redwood County Environmental Office to inspect the site of the project for all purposes permitted by law whenever deemed necessary by the Redwood County Environmental Office.
3. The permit holder shall contact all relevant local, state, and federal authorities/entities and inquire as to whether a permit and/or license is required. If a permit and/or license is required, the permit holder shall apply for and obtain any and all required permits and/or licenses. A copy of all such permits and/or licenses shall be provided to the Redwood County Environmental Office.
4. The permit holder shall not allow the conditional use to be injurious to the use and enjoyment of other property in the immediate vicinity for the purposes already permitted. The permit holder shall not allow the conditional use to impede the normal and orderly development and improvement of surrounding vacant property for uses predominant to the area. Adequate measures shall be taken to prevent or control offensive odor, fumes, dust, noise and vibration, so that none of the foregoing will constitute a nuisance now or in the future.
5. All waste, refuse, and the like generated by or from the conditional use shall be disposed of in the manner provided by the applicable local, state, and federal statutes, rules, and regulations.
6. Adequate utilities, access roads, drainage, and other necessary facilities will be provided and continue to be provided by the permit holder now and in the future.
7. A decommissioning agreement, meeting the requirements of Redwood County Code, shall be submitted to the Environmental Office prior to commencement of construction.
8. A written and notarized statement from a licensed professional engineer, certifying that all components satisfy engineering standards, all components are compatible, the WECS will be structurally sound, and the soil on which it will be constructed is suitable, shall be submitted to the Environmental Office prior to commencement of construction.
9. The permit holder shall hold a preconstruction meeting, as required by Redwood County Code.
10. The Redwood County Planning Commission shall review the conditional use permit and shall be authorized to take any and all necessary action(s), including but not limited to revoking the conditional use permit and/or requiring the permit holder to reapply for a conditional use permit, if: 1) The Redwood County Environmental Office acquires information previously unavailable that indicates the terms and conditions of the permit do not accurately represent the actual circumstances of the permitted facility or the conditional use; 2) It is discovered subsequent to the issuance of the permit the permit holder failed to disclose all facts relevant to the issuance of the permit or submitted false or misleading information to the Redwood County Environmental Office, the Redwood County Planning Commission, or the Redwood County Board of Commissioners; 3) The Redwood County Environmental Office determines the permitted facility or conditional use endangers human health or the environment; and/or (4) The permit holder violates any of the herein described conditions, the Redwood County Ordinances, State statutes, or Federal laws.

REVISIONS			
ZONE	REV	DESCRIPTION	DATE
			APPROVED

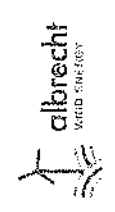
Project Description / Narrative:

We are proposing the installation of two small non-commercial Eocycle Technologies, Wind Turbine System 105' in height and Rated @ 19.9 kW each

The Wind Turbine Generators (WTG) is to be located at Site Address: 104011 140TH ST Tracy Mn 56175, and will utilize two areas of <0.015 Acres (30' x 30') piece of land. The wind turbine rotor blade diameter is 50 feet, with the highest physical point (Blade Tip) being 105 feet. The turbine rotor/generator are variable speed depending on the wind conditions, with a maximum speed of 53 RPM.

There is no impact of the proposed WECS location on the ability of the adjoining property owners to site WECS on their property, and no impacts on nearby WECS. The wind turbines will meet a minimum of 115' setback from Road R/W, and 115' from neighboring property lines. There is no interference with area microwave or communication towers & the wind turbines small size is complies with FAA regulations, and there are no affected wetlands, scenic and natural areas or shoreland of the proposed WECS.

The Eocycle wind turbine has automatic safety controls to self-protect in high winds, is certified to the necessary utility interconnection standards, and will be installed to all local codes and requirements. Once completed the system will be inspected and approved by the Electric Utility, and a MN state electrical inspector prior to being put into service.

	FULTZ FARMS LLC		
	104011 140TH ST Tracy Mn 56175,		
SEE	DATE	DWG NAME	REV
		General Project Summary	0
SCALE	1 : 1	SHEET	1 of 11



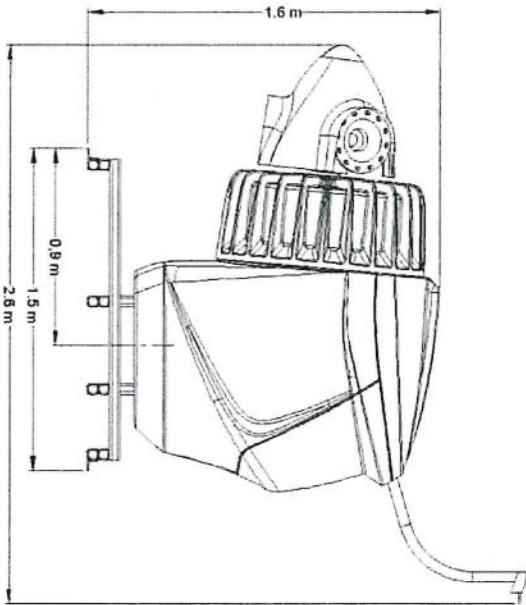
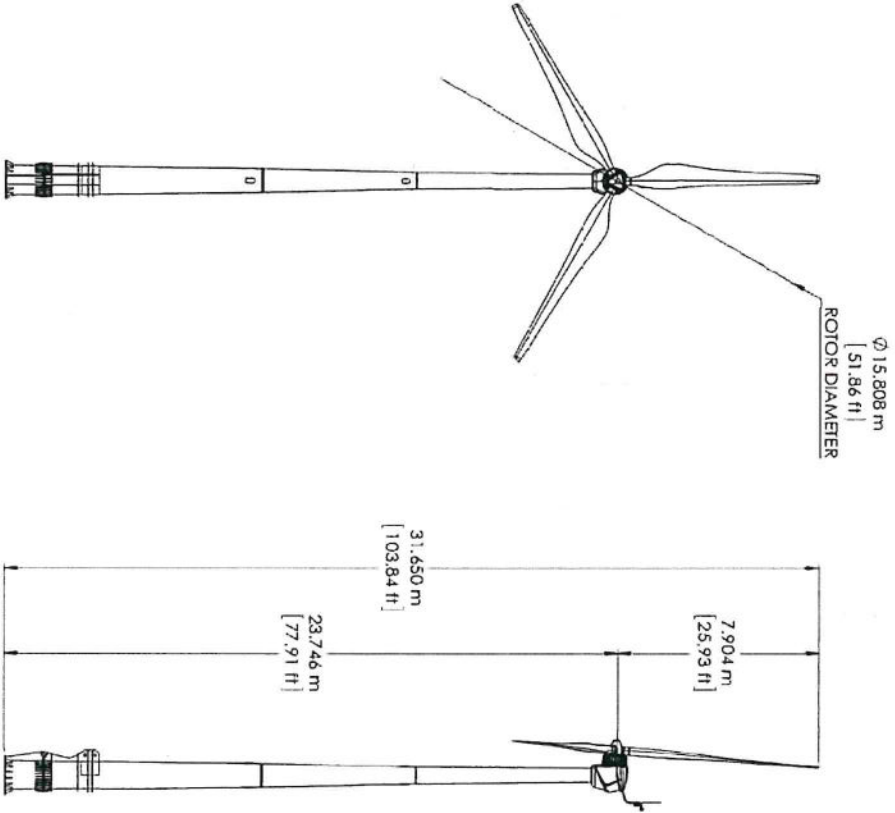
REVISIONS			
ZONE	REV	DESCRIPTION	DATE

DATE	APPROVED





REVISIONS				
ZONE	REV	DESCRIPTION	DATE	APPROVED



		700 Colorado Boulevard, Suite 293, Denver, Colorado 80206	
		SIZE	DRAWING
CORPORATION	AMERICA	SCALE	ENGINEER
CORPORATION	AMERICA	1 : 1	BY: T. ALKINSON
CORPORATION	AMERICA	SHEET	SHEET
CORPORATION	AMERICA	7 OF 11	REV
CORPORATION	AMERICA	7 OF 11	0



TECHNICAL SPECIFICATIONS EOX S16 Class S wind turbine

CHARACTERISTIC SPECIFICATION

Main Data	Model	EOX S 16 19.9
	Design class	IEC Class S wind turbine
	Design life	30 years minimum, without major component replacement
	Rated power	19.9 kW
	Wind speed	Average annual wind speed (2.5 m/s @ 27 km/h)
	Cut in / Cut out wind speed	2.5 m/s (9.9 km/h) / 20 m/s (72 km/h)
	Extreme wind speed	42.0 m/s (150 km/h), 3-second average
	Operating temperature	-20 °C to 40 °C (-4 °F to 104 °F)
	Lightning protection	Lightning rod, surge protection device, grounding system
	Craticulations	IEC G1600, 2, SW1, UL 1741, CE, CSA C22.2, G993
	Rotor diameter	15.8 m
	Swept area	190 m ² (2117 ft ²)
	Rotor speed	Variable, up to ~50 rpm
	Type	Permanent flux Synchronous Permanent Magnet Generator (eocycle G5000)
	Model	3 phase
	Generator	415 V, 42.4 Hz, 1.25 service factor
	Direction	Direct drive (no gearbox)
	Generator enclosure and insulation	Totally enclosed, weather proof, class F insulation, IP56, maintenance free
	Power Converter	Grid tied / unity-reactive (Single phase, silos require static phase converter)
	Type	ABB ACS800 H or equivalent
	Converter model	ABB ACS800 H or equivalent
	Converter output	3 phase, 380 V to 500 V, 50/60 Hz, 30A, Power Factor 0.99
	Converter model	Mitsubishi MW130 MKII
	Advanced features	Data logging and direct integration with safety system
	SCADA/Monitoring system	EOXScada, web and mobile application
	Control strategy	Maintenance free active stall regulated
	Yaw System	Active hydraulic slew drive
	Type	High quality, as per ASIM standards.
	Materials	100-40% galvanized or zinc coated, as per ASIM standards.
	Common protection	Combination 1) generator torque 2) stall brake design 3) yawer yaw assist
	Normal operation	Fall safe hydraulic disk brake
	Emergency rotor brake	EOXcycle S Rev. 2
	Model	Fixed pitch (non moving parts)
	Design	7.6 m (24.9 ft.)
	Length	16.8 m (55.1 ft.) or 23.8 m (78.1 ft.)
	Blade	Hydraulic tower - hub height
	Design	White paint
	Length	1.7 m
	Tower	White paint
	Design	
	Length	

Version E33322

REVISIONS				
ZONE	REV	DESCRIPTION	DATE	APPROVED

700 Colorado Boulevard, Suite 293, Denver, Colorado 80206

AMERICA CORPORATION

SCALE: 1 : 1

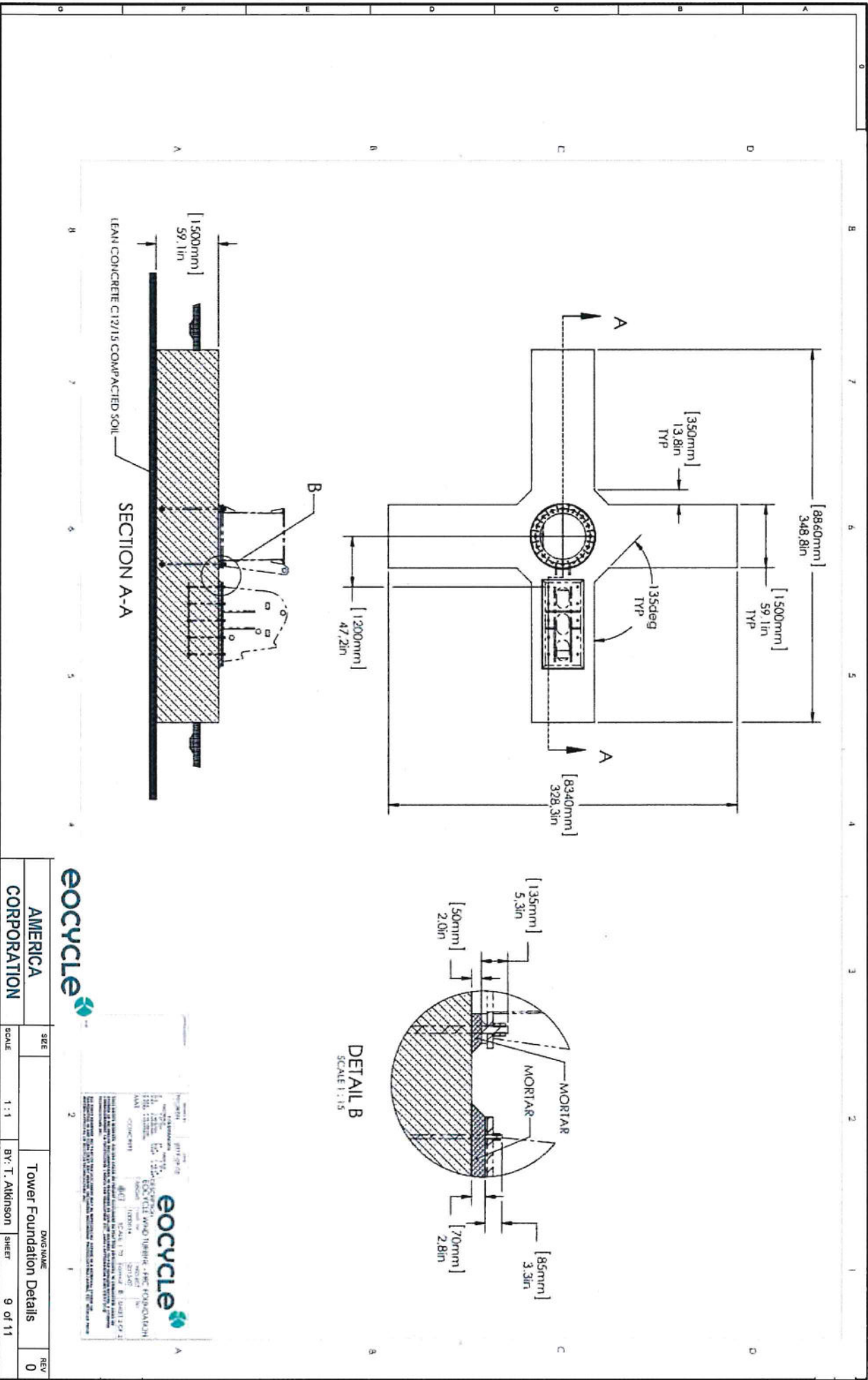
BY: T. Alkinson

DATE

8 of 11

Wind Turbine Specifications

REV 0



ecocycle		ecocycle	
AMERICA CORPORATION		Tower Foundation Details	
SCALE	1:1	BY: T. Atkinson	SHEET 9 of 11
REV	0		

ecocycle

ecocycle AMMO THERM - PVC FLOORING

100% PVC
 100% RECYCLED
 100% GREEN

AMMO THERM - PVC FLOORING
 100% PVC
 100% RECYCLED
 100% GREEN

100% PVC
 100% RECYCLED
 100% GREEN

100% PVC
 100% RECYCLED
 100% GREEN



Subject: EO25 Wind Turbine RFI/EMI Statement

June 30, 2020

To Whom it may concern,

This letter is to formally state that the EO25 Wind Turbine System will not pose any RFI or EMI impacts to any nearby or local equipment.

All the power and control wiring is installed using fully shielded cable/conductors. All the conductor shields are bonded to a solid Earth grounding electrode system, thus eliminating any radiated RF emissions.

The turbine generator housing is also shielded due to its' metal housing structure provide a complete Faraday cage, eliminating the potential for any RF emissions.

Respectfully,

Trevor Atkinson
Project Manager
Eocycle America Corporation



**Subject: Eocycle Wind Turbine De-Commissioning Plan
Statement**

To whom it may concern,

Once the useful life of the Eocycle Wind Turbine has been reached, it is understood that the removal of the turbine system from the site will be the responsibility of the land owner. The tower structure and nacelle will be lowered, disassembled and transported to a local metals recycling facility. The remaining non-metal materials/elements will be disposed of via traditional waste methods in accordance with all applicable local, state and federal regulations. This effort is expected to require 2 workers, a tractor/fork lift or excavator, and trucking services to the disposal facilities. Time estimate to perform the described scope is one day. All WECS and accessory facilities will be removed four (4) feet below grade within 90 days of discontinuation of use.

10250, Louis-H. Lafontaine
Montréal (Québec) Canada H1J 2T3
T.514 353-1551 F.514-353-1533
eocycle.com



Subject: EO25 Wind Turbine Noise Statement

July 15, 2020

To Whom it may concern,

Per the MN noise standards, 7030.004, under classification zone 3 (Agricultural and related activities:7030-0050) listed below, the following maximum acoustic signature is acceptable, 75-80 dBA.

MN 7030 Noise standards.

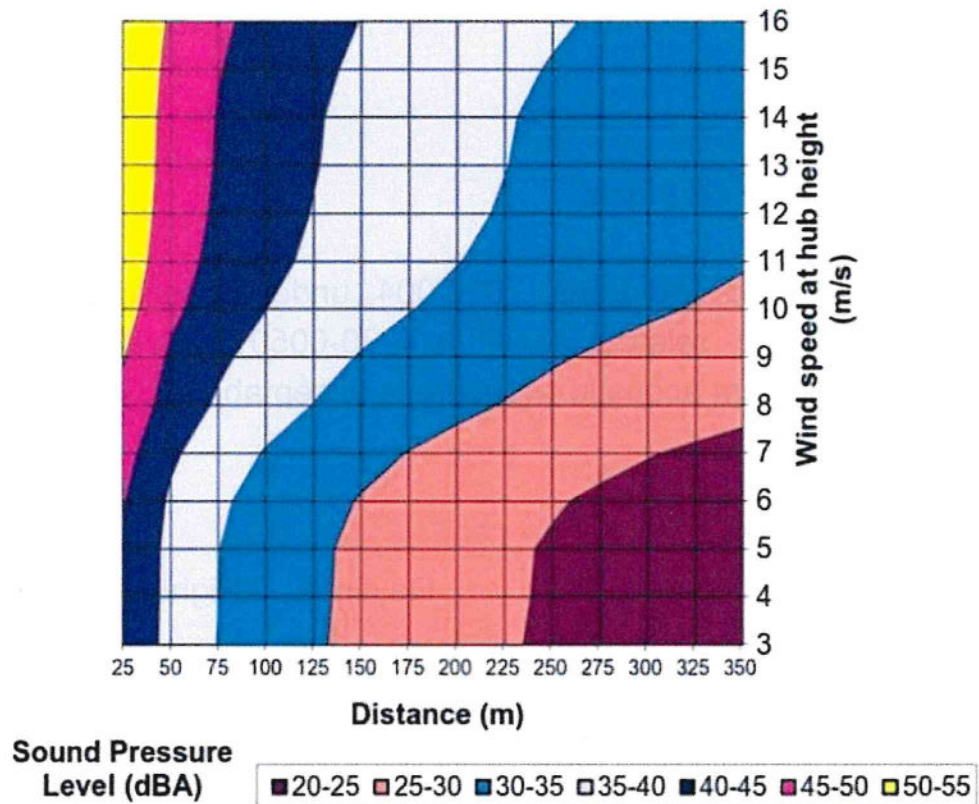
Noise Area Classification	Daytime		Nighttime	
	L ₅₀	L ₁₀	L ₅₀	L ₁₀
1	60	65	50	55
2	65	70	65	70
3	75	80	75	80

Statutory Authority:

MS s [116.07](#)

Per the previously provided 3rd party acoustic emission data graph below, it can be seen that at the closest property line (~114' - ~35m) from the turbine system, the sound pressure will range from 40-55 dBA (Blue, Pink & Yellow graphed data) at that location depending upon the current wind speed range of 3-16 meters/second.

IMMISSION NOISE MAP (dBA)



Conclusion: As indicated the EO25 turbines' acoustic signature is easily well below the required 75 & 80 dBA maximum allowable requirements as measured at the closest property line to the turbine.

Respectfully,

Trevor Atkinson
 Eocycle America Corporation



America

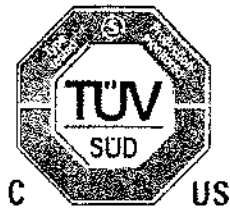
CERTIFICATE

No. U8V 16 11 97036 002

Holder of Certificate: Eocycle Technologies Inc.
7865 Larrey Street, Suite 201
Montreal QC H1J 2T7
CANADA

Production Facility(ies): 97241

Certification Mark:



Product: Power Conversion Equipment
Power Converter Control Unit (CCU)

Model(s): EOCYCLE 25 Converter Controller Panel

Parameters:

Rated Voltage:	480Vac, 3 phase + GND
Rated Frequency:	50/60Hz
Rated current:	30A
Protection class:	I

Tested according to: CAN/CSA-C22.2 No. 14:2013-03
UL 1741:2010/R:2015-01

The product was voluntarily tested according to the relevant safety requirements noted above. It can be marked with the certification mark above. The mark must not be altered in anyway. This product certification system operated by TÜV SÜD America Inc. most closely resembles system 3 as defined in ISO/IEC 17067. Certification is based on the TÜV SÜD "Testing and Certification Regulations". TÜV SÜD America Inc. is an OSHA recognized NRTL and a Standards Council of Canada accredited certification body.

Test report no.: 7169001184-000

Date, 2016-11-30

Page 1 of 2

Steven Lee



Attachment to Certificate U8V 16 11 97036 002

EOCYCLE Technologies Inc.
7665, Larrey Street, Suite 201
Montreal, Quebec, H1J 2T7, Canada



Conditions of Acceptability:

- 1) The CCU is to be used in a heated, indoor controlled environment. The CCU must be installed in clean environment according to enclosure classification. Cooling air must be clean, free from corrosive materials and electrically conductive dust.
- 2) The equipment has been investigated for continuous operation at a maximum operating ambient temperature of 40°C at an altitude up to 2000 meters and relative humidity levels from 5-90%, non-condensing.
- 3) The equipment has been evaluated for use in pollution degree 2 environments.
- 4) The equipment is to be installed by qualified personal in accordance with local/national installation/wiring requirements.
- 5) The equipment not evaluated for use in hazardous (classified) environments.
- 6) The equipment not evaluated for use with flammable liquids or materials.
- 7) Evaluated for use on branch circuits protected at 70 A, if used on circuits with protection at higher levels, additional evaluation may be required.
- 8) The input cable must be protected with fuses. Circuit breakers must not be used without fuses in the USA. Suitable IEC (class aR) fuses and UL (class T) fuses are listed in the hardware manual.
- 9) For installation in the United States and Canada, branch circuit protection must be provided in accordance with the National Electrical Code (NEC) and Canadian Electrical Code (CEC), respectively, and any applicable local codes. To fulfil this requirement, use the UL classified fuses.
- 10) The Converter Control unit is evaluated for use only with an ABB Inverter Model ABB ACS800-U11-0050-05+E202+K457 and Line Filter: Marcus MLRC0080P40, 80A, 600Vac, 60Hz, 0.4mH, Class F, Type 1 Enclosure, CSA Certification; cCSAus file reference 105195

Test Report No: 7169001184-000
Date, 2016-11-30

Subject: EO25: Eocycle Technologies inc 25 kW wind turbine

To Whom it may concern,

Eocycle Technologies Inc. has designed and manufactures the EO25 a 25 kW Distributed Wind (DW) Turbine System.

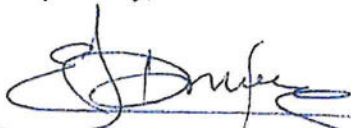
The EO25 is an up-wind direct drive stall regulated wind turbine configuration. It is designed for clean wind energy production behind the meter and directly connected to the power grid. Power produced is instantaneously consumed locally by the customer's loads and any excess of energy is exported to the grid. Once commissioned, the wind turbine operates 100% autonomously and is programmed to start and stop depending on the wind and environmental conditions and includes all industry safety protocols to protect its integrity for decades of safe and reliable operation.

The EO25 wind turbine system is designed and certified to several national (AWEA 9.1) and international (IEC 61400) safety, design and performance standards, as well as the, the gold standard in North America concerning inter-connection with the national electric grid, UL1741. These multiple certifications include a third party structural design review and accredited testing (performance and duration testing, etc.).

The EO25 design included the turbine nacelle, tower and the foundation based on state of the art standards commonly in use in the wind turbine industry.

The wind turbine is easy to erect and do not need any cranes, thanks to Eocycle's hydraulic tilt-up tower. Installers engaged for the EO25 installation receive an onsite training with supervision of an Eocycle representative.

Respectfully,



**Bouaziz Ait Driss, BSc, MSc
Chief Operations Officer**

Attached Certificates: IEC 61400, AWEA 9.1 and UL 1741

TECHNICAL SPECIFICATIONS

EOX S16 Class S wind turbine

	CHARACTERISTIC	SPECIFICATION
Main Data	Model	EOX S 16-19.9
	Design class	IEC Class S wind turbine
	Design life	30 years minimum without major component replacement
	Rated power	19.9 kW
	Wind speed	Average annual wind speed 7.5 m/s (27 km/h)
	Cut-in Cut-out wind speed	2.5 m/s (9.9 km/h) 20 m/s (72 km/h)
	Extreme wind speed	42.0 m/s (150 km/h), 3-second average
	Operating temperature	-20 °C to 40 °C (-4 °F to 104 °F)
	Lightning protection	Lightning rod, surge protection devices, grounding system
	Certifications	IEC 61400-2, SWT-1, UL1741, CE, CSA 22.2, G59/3
Rotor	Rotor diameter	15.8 m
	Swept area	196 m ² (2112 ft ²)
	Rotor speed	Variable, up to ~50 rpm
Generator	Type	Transverse Flux Synchronous Permanent Magnet Generator Eocycle-C5000
	Model	3-phase
	Generator	415 V, 42.4 Hz, 1.25 service factor
	Drivetrain	Direct drive (no gearbox)
	Generator enclosure and insulation	Totally enclosed, weather-proof, class F insulation, IP56, maintenance free
Power Converter	Type	Grid-tied / utility-interactive (Single phase sites require static phase converter)
	Converter model	ABB ACS800-11 or equivalent
Control System	Converter output	3-phase, 380 V to 500 V, 50/60 Hz, 30A, Power Factor 0.99
	Controller model	Mita Teknik WP130 MKII
	Advanced features	Data logging and direct integration with safety system
	SCADA/Monitoring system	EOXScada, web and mobile application
	Control strategy	Maintenance free active stall-regulated
Yaw System	Type	Active hydraulic slew drive
Materials	Steel components	High quality, as per ASTM standards
	Corrosion protection	Hot-dip galvanized or zinc-coated, as per ASTM standards
Braking System	Normal operation	Combination: 1) generator torque 2) stall blade design 3) active yaw-assist
	Emergency rotor brake	Fail-safe hydraulic disk brake
Blade	Model	Eocycle S Rev.2
	Design	Fixed-pitch (no moving parts)
	Length	7.6 m (24.9 ft.)
Tower	Hydraulic tower - hub height	16.8 m. (55.1 ft.) or 23.8 m. (78.1 ft.)
	Finish	White paint

Certificate of Conformity

By the product certificate number:

No. 2614/0843/3/E3-CT/E1/EXT

Issued to:

License holder: EOCYCLE TECHNOLOGIES Inc.
10250 Louis-H. Lafontaine
H1J 2T3 Montréal, Quebec, Canada

Trademark:

Manufacturer: EOCYCLE TECHNOLOGIES Inc.
10250 Louis-H. Lafontaine
H1J 2T3 Montréal, Quebec, Canada

It is certified that the product:

Type: Small Wind Turbine

Models: Family: EOX S-16
Models: EO20 / EO25

Technical Data:	Wind class		III
(see pages 2 and 3 for more information)	AWEA Rated power	22.5 kW (EO20)	28.9 kW (EO25)
	AWEA Annual Energy	64.92 MWh (EO20)	70.06 MWh (EO25)
	AWEA Sound Level	44.3 dBA (EO20)	43.5 dBA (EO25)
	Electrical network	See page 2	
	Firmware version	MT – P14533	

Is in compliance with the standard:

AWEA 9.1: 2009 "Small Wind Turbine Performance and Safety Standard"

This certificate is based upon the conformity statements mentioned in page 2 and their associated evaluation reports.

The above-mentioned generating units are certified according to the SGS internal procedure No. PE.T-ECPE-21 based on the requirements of the UNE-EN ISO/IEC 17065.

Changes in the design or in the quality management system of the manufacturer without previous consent from SGS TECNOS imply the cancellation of the certification.

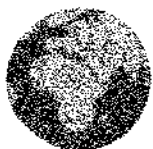
This certificate supersedes the certificate No. 2614/0843/3/E3-CT/EXT.

First issued on 21st March of 2017.

This certificate is valid until 21st March of 2026.

Madrid, 17th March 2023

Daniel Arranz Muñiz
Certification Manager



SGS Tecnos, S.A.U. C/ Trespademe, 29 - 28042 Madrid
This certificate is Issued by SGS under its General Conditions for Product Certification at www.sgs.com/terms_and_conditions.
The status and validity of the certificate can be checked scanning the QR code included or through the following web link database: <https://www.sgs.com/en/certified-clients-and-products>
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No. 2614/0843/3/E3-CT/E1/EXT

Certificate of Conformity

Conformity Statements:

Design basis evaluation conformity statement	2614/0843/3-CBE-DC/E3	(2020/03/16)
Design evaluation conformity statement	2614/0843/3-DE-DC/E3	(2020/03/16)
Type test conformity statement	2614/0843/3-TT-DC/E3	(2020/03/16)
Type characteristics conformity statement	2614/0843/3-TC-DC/E3	(2020/03/16)
Manufacturing conformity statement	2614/0843/3-ME-DC/E3	(2020/03/16)
Final evaluation report	2614/0843/3-GE/E3	(2020/03/16)

WIND TURBINE INFORMATION:

Machine parameters:

Power regulation:	Stall regulated
Rotor orientation:	Upwind
Number of rotor blades:	3
Tilt angle:	5 deg
Cone angle:	0 deg
AWEA Rated power (kW):	22.5 (EO20) / 28.89 (EO25)
Rated wind speed V_r :	37.5 m/s
Rotor diameter:	15.81 m
Hub height(s):	23.753 m / 16.753 m
Hub height operating wind speed range V_{in} - V_{out} :	3-20 m/s
Design lifetime:	20 years

Wind conditions:

Wind class	III
Characteristic turbulence intensity I_{ref} at $V_{hub} \approx 15$ m/s:	18 %
Annual average wind speed at hub height V_{ave} :	7.5 m/s
Reference wind speed V_{ref} :	42.5 m/s
Mean flow inclination:	8.0 °
Hub height 50-year extreme wind speed V_{e50} :	52.5 m/s
Hub height 1-year extreme wind speed V_{e1} :	39.375 m/s



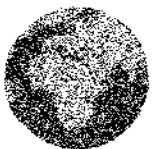
Certificate of Conformity

Electrical network conditions:

Normal supply voltage and range:	400 / 480 Vac
Normal supply frequency and range:	50 / 60 Hz
Voltage imbalance:	Max. 25 %

Other environmental conditions:

Air density:	1.27 kg/m ³
Solar radiation:	N/A
Temperature range:	-20 °C to +40 °C





U.S. Department of Transportation
Federal Aviation Administration

Notice of Proposed Construction or Alteration

Aeronautical Study Number
No ASN Set

Status:

1. Sponsor

Name: ALBRECHT WIND ENERGY LLC
Attn of: LANE ALBRECHT
Address: 2305 Williams Parkway Southwest
City: WILLMAR State: MN Zip: 56201
Country: US
Phone: 1-320-841-0436 Fax:

9. Latitude: See Collected Point(s)
10. Longitude: See Collected Point(s)
11. Datum: See Collected Point(s)
12. Nearest: City: Tracy State: Minnesota
13. Nearest Public-use or Military Airport or Heliport: TRACY MUNI(TKC)
14. Distance from #13. to Structure: 6223 ft.
15. Direction from #13. to Structure: 70 deg
16. Site Elevation (SE): See Collected Point(s)
17. Structure Height (AGL): See Collected Point(s)
18. Overall Height (#16 + #17) (AMSL): See Collected Point(s)
Current Overall Height (#16 + #17) (AMSL): See Collected Point(s)
19. Previous FAA Aeronautical Study Number (if applicable):

2. Sponsor's Representative

Name: LANE ALBRECHT
Attn of: LANE ALBRECHT
Address: 2305 Williams Parkway Southwest
City: Willmar State: MN Zip: 56201
Country: US
Phone: 1-320-841-0436 Fax:

20. Description of Location:

Rural Farmland



3. Notice of: Construction

4. Duration: Permanent (Months: Days:)

5. Work Schedule: N/A

6a. Type: Wind Turbine 6b. Name: Fultz 140th St

Processed 7460-2 Forms :

Supplemental Form 7460-2 :

7. Preferred Marking/Lighting: White Paint Only/No Lighting

Current Marking/Lighting:

8. FCC Antenna Registration Number (if applicable):

21. Description of

Frequencies:

Specific Frequencies:

Proposal:
two small non-commercial wind turbine to power livestock barns. Wind turbines are 104' to blade tip at full height

LOW ↓	HIGH ↓	ERP	LOW ↓	HIGH ↓	ERP

Collected Point(s):


Label	Latitude	Longitude	Datum	AGL	SE	SE Validation	SE Comments
pt-1	44 15 18.62N	95 35 05.86W	WGS 84	104 ft	1284 ft	PASSED	

Notice is required by 14 Code of Federal Regulations, part 77 pursuant to 49 U.S.C., Section 44718. Persons who knowingly and willingly violate the notice requirements of part 77 are subject to a civil penalty of \$1,000 per day until the notice is received, pursuant to 49 U.S.C., Section 46301(a)

I hereby certify that all of the above statements made by me are true, complete, and correct to the best of my knowledge. In addition, I agree to mark and/or light the structure in accordance with established marking & lighting standards as necessary.

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Name	OWNAME	OWADR1	OWADR2	OWCITY	OWSTAT	OWZIPF
660184020	CLAEYS/JAMES A/REV TRUST ETAL	% JAMES A & JULIA A CLAEYS	601 VILLAGE DR APT 341	MARSHALL	MN	56258
660183040	AMBERG/VALERIE L/IRREVOCABLE	GIFT TRUST	909 SEVENTEENTH ST SW	WILLMAR	MN	56201
660182020	ROGERS/ARTHUR W & LINDA A/RLTS		575 5TH ST	TRACY	MN	56175
660182040	NELSON/ERIC B	ATTN: ERIC FULTZ	1584 CO RD 11	TRACY	MN	56175
660073060	FULTZ FARMS INC		12411 ASPEN AVE	TRACY	MN	56175
660073040	LAU/JEFFREY D/ETAL		13485 CO HWY 8	TRACY	MN	56175
660074020	NELSON/PHILIP R/ETAL		1616 CO RD 11	TRACY	MN	56175
660073020	KOR REVOCABLE LIVING TRUST	% HENRY K & BONNIE J KOR	317 E 5TH AVE	MITCHELL	SD	57301
660071020	COOREMAN/JOSEPH A & CAROL A	REVOCABLE TRUSTS	1121 GRANDVIEW DR	BALATON	MN	56115
31-013003-0	TRACY / CITY OF		336 MORGAN ST	TRACY	MN	56175
13-012006-2	MAEYAERT, LAWRENCE & PHYLLIS		3484 CO RD 56	TRACY	MN	56175
13-012006-1	FULTZ, DENNIS O/REV LIV TRUST		2 OWANKA LN	TRACY	MN	56175
APPLICANT	SPRINGDALE TOWNSHIP BOARD OF SUPERVISORS	% Merna S. Malberg, Clerk	11834 Bunker Ave.	Walnut Grove	MN	56180
	Albrecht Wind Energy	% Lane Albrecht,	2305 Williams Parkway SW	Willmar	MN	56201

TO: Whom It May Concern
FROM: Jeanette Pidde 
Land Use and Zoning Supervisor
Redwood County Environmental Office
DATE: July 15, 2025
RE: Notice of Public Hearing on Application for
Conditional Use Permit



Please find enclosed a Notice of Public Hearing regarding an Application for Conditional Use Permit submitted by Lane Albrecht of Albrecht Wind Energy LLC, on behalf of Fultz Farms Inc. pursuant to Redwood County Code of Ordinances, Title XV, Sections 153.446, 153.142, and 153.353. Mr. Albrecht is proposing to construct a non-commercial wind energy conversion system, consisting of two 19.9 kW wind turbines, on the following described real property:

All that part of the SE¼ of the SW¼ of Section 7, Township 109N, Range 39W in Redwood County, Minnesota, described as follows, to-wit:

Beginning on the South line of said Section 7 at a distance of 100.00 feet on an assumed bearing of South 90°00' West from the Southeast corner of the SW¼ of said Section 7; thence South 90°00' West along the South line of said Section 7 for 660.00 feet; thence North 0°40' West for 660.00 feet; thence North 90°00' East for 660.00 feet; thence South 0°40' East for 660.00 feet to the point of beginning, containing 10.00 acres, more or less.

A public hearing thereon will be held before the Redwood County Planning Commission at the regularly scheduled Planning Commission meeting starting at 1:00 p.m. on Tuesday, the 29th day of July, 2025. The meeting will be held in the Board Room of the Redwood County Government Center, 403 South Mill Street, Redwood Falls, MN 56283.

Pursuant to Redwood County Zoning Ordinance, all property owners of record within five hundred (500) feet of the incorporated areas and/or one-quarter (1/4) of a mile of the affected property or the ten (10) properties nearest to the affected property, whichever would provide notice to the greatest number of landowners in the unincorporated areas, the township in which the affected property is located, and all municipalities within two (2) miles of the property are required to be notified in writing of the time and place of the public hearing.

If you have any comments or questions regarding this matter, please contact the Redwood County Environmental Office by telephone at (507) 637-4023, via email at Environmental@redwoodcounty-mn.gov, or by mail at Redwood County Environmental Office, P.O. Box 130, Redwood Falls, MN 56283, and/or attend the public hearing at the time and date set forth in the Notice of Public Hearing.

enclosure

Redwood County Government Center - Environmental Department
P.O. Box 130 Redwood Falls, MN 56283
(507) 637-4023 redwoodcounty-mn.us environmental@redwoodcounty-mn.gov



Parcel ID: 66-071-3060

CUP Notice Area:
0.51 miles from selected parcel



- Selected Parcel(s)
- Notification Area
- Municipal Boundaries
- Sections
- Roads
- Parcels
- County Boundary

REDWOOD COUNTY PLANNING COMMISSION

**Fultz Farms Inc.
Conditional Use Permit Application #7-25
July 29, 2025**



FINDINGS OF FACT

ORDINANCE CRITERIA – The Planning Commission may recommend the granting of a Conditional Use Permit in any district provided the proposed use is listed as a conditional use for the district and upon a showing that the standards and criteria stated in this Ordinance will be satisfied and that the use is in harmony with the general purposes and intent of this Ordinance and the Comprehensive Plan.

In determining whether the proposed use is in harmony with the general purposes and intent of the Ordinance and the Comprehensive Plan, the Planning Commission shall consider and make findings on the following questions:

- 1) What potential health safety and welfare impacts were raised at the hearing and why will they, or why won't they, impact the neighboring residents?

- 2) What potential impacts on area property uses were raised at the hearing and why will they, or why won't they, impact the use and enjoyment of other property in the area?

3) What potential impacts on property values or future development were raised at the hearing, and why will they, or why won't they, impact the neighboring properties?

4) What infrastructure is needed to support the proposed use and how will it be provided?

5) How do the goals, purpose and policies of the Zoning Ordinance and Comprehensive Plan apply to the proposed project?

NAME: _____

DATE: _____