

Environment Protection Licence

Licence - 21862

Licence Details

Number:	21862
Anniversary Date:	29-May

Licensee

UWF NOMINEES PTY LTD

PO BOX 1858

CANBERRA ACT 2601

Premises

UUNGULA WIND FARM

WITHIN THE CENTRAL-WEST ORANA RENEWABLE ENERGY
ZONE - APPROXIMATELY 14 KILOMETRES EAST OF
WELLINGTON

WUULUMAN NSW 2820

Scheduled Activity

Crushing, grinding or separating

Electricity generation

Fee Based Activity

Crushing, grinding or separating

Electricity works (wind farms)

Scale

> 500000-2000000 T annual
processing capacity> 450-1000 GWh annual generating
capacity

Contact Us

NSW EPA

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PARRAMATTA NSW 2150

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Information about this licence

Dictionary

A definition of terms used in the licence can be found in the dictionary at the end of this licence.

Responsibilities of licensee

Separate to the requirements of this licence, general obligations of licensees are set out in the Protection of the Environment Operations Act 1997 ("the Act") and the Regulations made under the Act. These include obligations to:

- ensure persons associated with you comply with this licence, as set out in section 64 of the Act;
- control the pollution of waters and the pollution of air (see for example sections 120 - 132 of the Act);
- report incidents causing or threatening material environmental harm to the environment, as set out in Part 5.7 of the Act.

Variation of licence conditions

The licence holder can apply to vary the conditions of this licence. An application form for this purpose is available from the EPA.

The EPA may also vary the conditions of the licence at any time by written notice without an application being made.

Where a licence has been granted in relation to development which was assessed under the Environmental Planning and Assessment Act 1979 in accordance with the procedures applying to integrated development, the EPA may not impose conditions which are inconsistent with the development consent conditions until the licence is first reviewed under Part 3.6 of the Act.

Duration of licence

This licence will remain in force until the licence is surrendered by the licence holder or until it is suspended or revoked by the EPA or the Minister. A licence may only be surrendered with the written approval of the EPA.

Licence review

The Act requires that the EPA review your licence at least every 5 years after the issue of the licence, as set out in Part 3.6 and Schedule 5 of the Act. You will receive advance notice of the licence review.

Fees and annual return to be sent to the EPA

For each licence fee period you must pay:

- an administrative fee; and
- a load-based fee (if applicable).



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The EPA publication “A Guide to Licensing” contains information about how to calculate your licence fees. The licence requires that an Annual Return, comprising a Statement of Compliance and a summary of any monitoring required by the licence (including the recording of complaints), be submitted to the EPA. The Annual Return must be submitted within 60 days after the end of each reporting period. See condition R1 regarding the Annual Return reporting requirements.

Usually the licence fee period is the same as the reporting period.

Transfer of licence

The licence holder can apply to transfer the licence to another person. An application form for this purpose is available from the EPA.

Public register and access to monitoring data

Part 9.5 of the Act requires the EPA to keep a public register of details and decisions of the EPA in relation to, for example:

- licence applications;
- licence conditions and variations;
- statements of compliance;
- load based licensing information; and
- load reduction agreements.

Under s320 of the Act application can be made to the EPA for access to monitoring data which has been submitted to the EPA by licensees.

This licence is issued to:

UWF NOMINEES PTY LTD
PO BOX 1858
CANBERRA ACT 2601

subject to the conditions which follow.



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1 Administrative Conditions

A1 What the licence authorises and regulates

A1.1 This licence authorises the carrying out of the scheduled development work listed below at the premises listed in A2:

There are 2 stages to the scheduled development works of which the following stages are authorised by this licence:

Stage 1: Construction & Commissioning.

The licensee can only progress to Stage 2: Operation of wind turbines, if this licence is varied accordingly.

Note: "Operation" referred to in Condition A1.1 means the carrying out of the approved purpose of the development upon completion of construction, but does not include commissioning trials of equipment or use of temporary facilities. The meaning of 'operation' is the same as the definition provided in the Definitions section of the SSD-6687.

A1.2 This licence authorises the carrying out of the scheduled activities listed below at the premises specified in A2. The activities are listed according to their scheduled activity classification, fee-based activity classification and the scale of the operation.

Unless otherwise further restricted by a condition of this licence, the scale at which the activity is carried out must not exceed the maximum scale specified in this condition.

Scheduled Activity	Fee Based Activity	Scale
Crushing, grinding or separating	Crushing, grinding or separating	> 500000 - 2000000 T annual processing capacity
Electricity generation	Electricity works (wind farms)	> 450 - 1000 GWh annual generating capacity

A1.3 Except as expressly provided by these conditions, works and activities must be carried out in accordance with the proposal contained in:

1. the development consent SSD-6687; and
2. the Ungala Wind Farm Environmental Impact Statement dated 20 May 2020 and supporting documents.

A2 Premises or plant to which this licence applies

A2.1 The licence applies to the following premises:

Premises Details
UUNGULA WIND FARM
WITHIN THE CENTRAL-WEST ORANA RENEWABLE ENERGY ZONE - APPROXIMATELY 14 KILOMETRES EAST OF WELLINGTON
WUULUMAN



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NSW 2820

**LAND: REFER 'APPENDIX 1 - SCHEDULE OF LAND' IN CONSOLIDATED
CONSENT SSD 6687 (DOC24/225475)**

A2.2 The applicant must, in the opinion of the EPA, be a fit and proper person to hold a licence under the *Protection of the Environment Operations Act 1997*, having regard to the matters in s.83 of that Act.

A3 Information supplied to the EPA

A3.1 Works and activities must be carried out in accordance with the proposal contained in the licence application, except as expressly provided by a condition of this licence.

In this condition the reference to "the licence application" includes a reference to:

- a) the applications for any licences (including former pollution control approvals) which this licence replaces under the Protection of the Environment Operations (Savings and Transitional) Regulation 1998; and
- b) the licence information form provided by the licensee to the EPA to assist the EPA in connection with the issuing of this licence.

2 Limit Conditions

L1 Pollution of waters

L1.1 Except as may be expressly provided in any other condition of this licence, the licensee must comply with section 120 of the Protection of the Environment Operations Act 1997.

L2 Waste

L2.1 The licensee must not cause, permit or allow any waste generated outside the premises to be received at the premises for storage, treatment, processing, reprocessing or disposal or any waste generated at the premises to be disposed of at the premises, except as expressly permitted by a licence under the Protection of the Environment Operations Act 1997.

L2.2 This condition only applies to the storage, treatment, processing, reprocessing or disposal of waste at the premises if it requires an environment protection licence under the *Protection of the Environment Operations Act 1997*.

NOTE: Condition L2 is included to ensure that a premises based activity is not used as a waste facility (unless that scheduled activity is permitted by another condition).

L3 Noise limits

L3.1 For wind speeds from cut in to rated power of the wind turbine generators, wind turbine noise generated from the premises must not exceed the greater of:

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a) 35 dBA or

b) the existing background noise level plus 5 dBA for each integer wind speed at 166 metres above ground level (hub height) at the wind farm site

at the nearest non-involved residential receivers

L3.2 For the purpose of determining compliance with condition L3.1, the locations and noise limits in the table below apply. The locations referred to in the table below are defined in condition L3.4.

Location		Leq (10 minutes) 10	Noise Limits (dBA)	
Integer Wind Speed (m/s) at Hub Height	3 to 9	10	11	12 or more
TMR016	35	35	35	35
TMR022	35	35	35	35
UUN007	35	35	35	35
TMR029	35	36	37	38
TMR031	35	36	37	38
WUU005	35	36	37	38
WUU007	35	36	37	38
WUU008	35	36	37	38

L3.3 The noise limits specified in conditions L3.1 and L3.2 do not apply to any sensitive receiver location (residence) where a noise agreement is in place between the licensee and the respective land owner(s) in respect to noise impacts and/or noise limits

L3.4 For the purpose of condition L3.2, locations are defined in the table below. Grid references (eastings and northings) refer to the Map Grid of Australia 1994 (MGA94), zone55.

Location	Name	Easting (m)	Northing (m)
TMR016	Hidden Valley	708493	6401455
TMR022	2220 Twelve Mile Road Spicers Creek	703336	6404755
TMR029	1332 Twelve Mile Road Wuuluman	696861	6402971
TMR031	Umargarlee	699902	6404592
UUN007	1125 Guroba Road Twelve Mile	709390	6396638
WUU005	573 Yarragal Road Yarragal	694461	6393267
WUU007	236 Yarragal Road Wuuluman	694872	6396232
WUU008	350 Yarragal Road Yarragal	694625	6395249

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L3.5 For the purpose of condition L3.1, noise must be determined in accordance with the methodology in the *Environmental Noise Guidelines: Wind Farms* (SA EPA 2009). The modification factors in Section 4 of those guidelines must be applied, as modified by the *NSW Wind Energy: Noise Assessment Bulletin for State Significant Wind Energy Development* (2016), to the noise levels measured by the noise monitoring equipment.

L3.6 For the purpose of condition L3.5, the presence of excessive tonality (a special noise characteristic) must be determined in accordance with ISO 1996.2:2007 *Acoustics - Description, measurement and assessment of environmental noise - Determination of environmental noise levels*.

If tonality is found to be a repeated characteristic of the wind turbine noise, 5 dBA should be added to measure noise levels from the wind farm. If tonality is only identified for certain wind directions and speeds, the penalty is only applicable under these conditions.

The tonal characteristic penalty applies only if the tone from the wind turbine is audible at the relevant receiver. Absence of tone in noise emissions measured at an intermediate location is sufficient proof that the tone at the receiver is not associated with the wind farm's operation.

The assessment for tonality should only be made for frequencies of concern from 25 Hz to 10 kHz and for sound pressure levels above the threshold of hearing (as defined in ISO 389.7:2005 *Acoustics - Reference zero for the calibration of audiometric equipment - Part 7: Reference threshold of hearing under free-field and diffuse-field listening conditions*).

For the purposes of condition L3.5, the presence of excessive low frequency noise (a special noise characteristic) must be determined with reference to the *NSW Wind Energy: Noise Assessment Bulletin for State Significant Wind Energy Development* (2016).

The maximum penalty to be added to the measured noise level from the windfarm for any special noise characteristic individually or cumulatively is 5dB(A).

L3.7 For the purposes of condition L3.1, wind speed is to be measured directly in accordance with a method nominated by the proponent and at a location nominated by the proponent, consistent with the method and location used to determine the background noise regression curves in the Noise Impact Assessment.

L3.8 To determine compliance:

a) with the Leq (10 minute) noise limits in conditions L3.1 and L3.2, the noise measurement equipment must be located:

- approximately on the property boundary, where any dwelling is situated 20 meters or less from the property boundary closest the premises; or
- within 20 meters of a dwelling facade, but not closer than 5m, where any dwelling on the property is situated more than 20 meters from the property boundary closest the premises.

b) with the noise limits in condition L3.1 and L3.2, the noise measurement equipment must be located:

- at the location where there is no dwelling at the location; or
- at the most affected point within an area at a location prescribed by condition L3.8(a).

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L3.9 A non-compliance of condition L3.1 or L3.2 will still occur where noise generated from the premises in excess of the appropriate limit is measured:

- at a location other than an area prescribed by conditions L3.8(a) and L3.8(b); and/or
- at a point other than the most affected point at a location

L4 Blasting

- L4.1 The air blast overpressure level from blasting operations at the premises must not exceed 120dB (Lin Peak) at any time at any noise sensitive locations. Error margins associated with any monitoring equipment used to measure this are not to be taken into account in determining whether or not the limit has been exceeded.
- L4.2 The airblast overpressure level from blasting operations at the premises must not exceed 115dB (Lin Peak) at any noise sensitive locations for more than five per cent of the total number of blasts over each reporting period. Error margins associated with any monitoring equipment used to measure this are not to be taken into account in determining whether or not the limit has been exceeded.
- L4.3 Ground vibration peak particle velocity from the blasting operations at the premises must not exceed 10mm/sec at any time at any noise sensitive locations. Error margins associated with any monitoring equipment used to measure this are not to be taken into account in determining whether or not the limit has been exceeded.
- L4.4 Ground vibration peak particle velocity from the blasting operations at the premises must not exceed 5mm/sec at any noise sensitive locations for more than five per cent of the total number of blasts over each reporting period. Error margins associated with any monitoring equipment used to measure this are not to be taken into account in determining whether or not the limit has been exceeded.
- L4.5 Blasting at the premises may only take place between 9:00am-5:00pm Monday to Friday and 9:00am-1:00pm on Saturdays. Blasting is not permitted on Sunday or Public Holidays.
- L4.6 Blasting outside of the hours specified in L4.5 can only take place with the written approval of the EPA.
- L4.7 The airblast overpressure and ground vibration levels in conditions L4.1 to L4.4 do not apply at noise sensitive locations that are owned by the licensee or subject to a private agreement, relating to airblast over pressure and ground vibration levels, between the licensee and landowner.

L5 Hours of operation

- L5.1 Unless otherwise specified by another condition of this licence, construction activities must only be carried out:
- a) between the hours of 7am and 6pm Monday to Friday;
 - b) between the hours of 8am and 1pm Saturday; and

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c) at no time on Sundays or Public Holidays.

L5.2 The following activities may be carried out outside the hours in Condition L5.1:

a) Construction work that causes LAeq (15 min) noise levels that are:

- no more than 5 dB above rating background level at any residence not subject to a private negotiated agreement, in accordance with the Interim Construction Noise Guideline (DECC 2009); and
- no more than the noise management levels in Table 3 of the Interim Construction Noise Guideline (DECC 2009) at other sensitive land uses.

b) Delivery of plant, equipment and materials which is required to be delivered outside standard construction hours by Police and/or other authorities for safety reasons.

c) Emergency work to avoid loss of life, damage to property and/or environmental harm.

d) Activities approved through the process outlined in Condition L5.3.

On becoming aware of the need to undertake emergency work, the proponent must notify the EPA on 131 555.

L5.3 The hours of construction specified in condition L5.1 may be varied with the prior written approval of the EPA. Any request to alter the hours of construction shall be:

- a) considered on a case-by-case or activity-specific basis;
- b) accompanied by details of the nature and justification for activities to be conducted during the varied construction hours;
- c) accompanied by written evidence that appropriate consultation with potentially affected noise sensitive receivers and notification of relevant agencies has been and will be undertaken;
- d) all reasonable and feasible noise mitigation measures have been put in place; and
- e) accompanied by a noise impact assessment consistent with the requirements of the Interim Construction Noise Guideline (DECCW, 2009).

3 Operating Conditions

O1 Activities must be carried out in a competent manner

O1.1 Licensed activities must be carried out in a competent manner.

This includes:

- a) the processing, handling, movement and storage of materials and substances used to carry out the activity; and
- b) the treatment, storage, processing, reprocessing, transport and disposal of waste generated by the activity.

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O2 Maintenance of plant and equipment

- O2.1 All plant and equipment installed at the premises or used in connection with the licensed activity:
- must be maintained in a proper and efficient condition; and
 - must be operated in a proper and efficient manner.

O3 Dust

- O3.1 The premises must be maintained in a condition which minimises or prevents the emission of air impurities, including dust from the premises.
- O3.2 All operations and activities occurring at the premises must be carried out in a manner that prevents or minimises the emission of air impurities, including dust from the premises.
- O3.3 Trucks entering and leaving the premises that are carrying loads of materials which have the potential to cause emissions of air impurities, including dust, must have their loads covered at all times, except during loading and unloading.

O4 Other operating conditions

- O4.1 Stormwater/sediment control – Construction Phase

A Soil and Water Management Plan (SWMP) must be prepared and implemented. The plan must describe the measures that will be employed to minimise soil erosion and the discharge of sediment and other pollutants to lands and/or waters during construction activities. The SWMP should be prepared in accordance with the requirements for such plans outlined in Managing Urban Stormwater: Soils and Construction (Landcom, 2004).

- O4.2 Stormwater/sediment control – Operation Phase

A Stormwater Management Scheme must be prepared for the development and must be implemented. Implementation of the Scheme must mitigate the impacts of stormwater runoff from and within the premises following the completion of construction activities. The Scheme should be consistent with the Stormwater Management Plan for the catchment. Where a Stormwater Management Plan has not yet been prepared, the Scheme should be consistent with the guidance contained in Managing Urban Stormwater: Source Control (EPA 1998) and Managing Urban Stormwater: Treatment Techniques (EPA 1997).

4 Monitoring and Recording Conditions

M1 Monitoring records

- M1.1 The results of any monitoring required to be conducted by this licence or a load calculation protocol must be recorded and retained as set out in this condition.

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M1.2 All records required to be kept by this licence must be:

- a) in a legible form, or in a form that can readily be reduced to a legible form;
- b) kept for at least 4 years after the monitoring or event to which they relate took place; and
- c) produced in a legible form to any authorised officer of the EPA who asks to see them.

M1.3 The following records must be kept in respect of any samples required to be collected for the purposes of this licence:

- a) the date(s) on which the sample was taken;
- b) the time(s) at which the sample was collected;
- c) the point at which the sample was taken; and
- d) the name of the person who collected the sample.

M2 Weather monitoring

M2.1 An onsite meteorological weather station must be built, maintained and operated so as to be capable of continuously monitoring the parameters specified in condition M2.2.

M2.2 The proponent must monitor the parameters specified in Column 1 of the table below at the onsite weather station, using the sampling method, units of measure, averaging period and sampling frequency specified in the other columns. Sampling methods are defined in the Approved Methods for the Sampling and Analysis of Air Pollutants in NSW (DEC 2007).

Onsite weather station Parameter	Units of measure	Frequency	Averaging Period	Sampling Method
Siting	-	-	-	AM-1
Wind Direction	Degrees	Continuous	10 Minute	AM-2 & AM-4
Wind Speed	m/s	Continuous	10 Minute	AM-2 & AM-4
Sigma theta	Degrees	Continuous	10 Minute	AM-2 & AM-4

M3 Recording of pollution complaints

M3.1 The licensee must keep a legible record of all complaints made to the licensee or any employee or agent of the licensee in relation to pollution arising from any activity to which this licence applies.

M3.2 The record must include details of the following:

- a) the date and time of the complaint;
- b) the method by which the complaint was made;
- c) any personal details of the complainant which were provided by the complainant or, if no such details were provided, a note to that effect;
- d) the nature of the complaint;
- e) the action taken by the licensee in relation to the complaint, including any follow-up contact with the complainant; and
- f) if no action was taken by the licensee, the reasons why no action was taken.

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M3.3 The record of a complaint must be kept for at least 4 years after the complaint was made.

M3.4 The record must be produced to any authorised officer of the EPA who asks to see them.

M4 Telephone complaints line

M4.1 The licensee must operate during its operating hours a telephone complaints line for the purpose of receiving any complaints from members of the public in relation to activities conducted at the premises or by the vehicle or mobile plant, unless otherwise specified in the licence.

M4.2 The licensee must notify the public of the complaints line telephone number and the fact that it is a complaints line so that the impacted community knows how to make a complaint.

M4.3 The preceding two conditions do not apply until 12 months the date of the issue of this licence.

5 Reporting Conditions

R1 Annual return documents

R1.1 The licensee must complete and supply to the EPA an Annual Return in the approved form comprising:

1. a Statement of Compliance,
2. a Monitoring and Complaints Summary,
3. a Statement of Compliance - Licence Conditions,
4. a Statement of Compliance - Load based Fee,
5. a Statement of Compliance - Requirement to Prepare Pollution Incident Response Management Plan,
6. a Statement of Compliance - Requirement to Publish Pollution Monitoring Data; and
7. a Statement of Compliance - Environmental Management Systems and Practices.

At the end of each reporting period, the EPA will provide to the licensee notification that the Annual Return is due.

R1.2 An Annual Return must be prepared in respect of each reporting period, except as provided below.

Note: The term "reporting period" is defined in the dictionary at the end of this licence. Do not complete the Annual Return until after the end of the reporting period.

R1.3 Where this licence is transferred from the licensee to a new licensee:

- a) the transferring licensee must prepare an Annual Return for the period commencing on the first day of the reporting period and ending on the date the application for the transfer of the licence to the new licensee is granted; and
- b) the new licensee must prepare an Annual Return for the period commencing on the date the application for the transfer of the licence is granted and ending on the last day of the reporting period.



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Note: An application to transfer a licence must be made in the approved form for this purpose.

- R1.4 Where this licence is surrendered by the licensee or revoked by the EPA or Minister, the licensee must prepare an Annual Return in respect of the period commencing on the first day of the reporting period and ending on:
- a) in relation to the surrender of a licence - the date when notice in writing of approval of the surrender is given; or
 - b) in relation to the revocation of the licence - the date from which notice revoking the licence operates.
- R1.5 The Annual Return for the reporting period must be supplied to the EPA via eConnect *EPA* or by registered post not later than 60 days after the end of each reporting period or in the case of a transferring licence not later than 60 days after the date the transfer was granted (the 'due date').
- R1.6 The licensee must retain a copy of the Annual Return supplied to the EPA for a period of at least 4 years after the Annual Return was due to be supplied to the EPA.
- R1.7 Within the Annual Return, the Statements of Compliance must be certified and the Monitoring and Complaints Summary must be signed by:
- a) the licence holder; or
 - b) by a person approved in writing by the EPA to sign on behalf of the licence holder.

R2 Notification of environmental harm

- R2.1 Notifications must be made by telephoning the Environment Line service on 131 555.

Note: The licensee or its employees must notify all relevant authorities of incidents causing or threatening material harm to the environment immediately after the person becomes aware of the incident in accordance with the requirements of Part 5.7 of the Act.

- R2.2 The licensee must provide written details of the notification to the EPA within 7 days of the date on which they became aware of the incident.

R3 Written report

- R3.1 Where an authorised officer of the EPA suspects on reasonable grounds that:
- a) where this licence applies to premises, an event has occurred at the premises; or
 - b) where this licence applies to vehicles or mobile plant, an event has occurred in connection with the carrying out of the activities authorised by this licence,
- and the event has caused, is causing or is likely to cause material harm to the environment (whether the harm occurs on or off premises to which the licence applies), the authorised officer may request a written report of the event.
- R3.2 The licensee must make all reasonable inquiries in relation to the event and supply the report to the EPA within such time as may be specified in the request.
- R3.3 The request may require a report which includes any or all of the following information:
- a) the cause, time and duration of the event;
 - b) the type, volume and concentration of every pollutant discharged as a result of the event;

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- c) the name, address and business hours telephone number of employees or agents of the licensee, or a specified class of them, who witnessed the event;
- d) the name, address and business hours telephone number of every other person (of whom the licensee is aware) who witnessed the event, unless the licensee has been unable to obtain that information after making reasonable effort;
- e) action taken by the licensee in relation to the event, including any follow-up contact with any complainants;
- f) details of any measure taken or proposed to be taken to prevent or mitigate against a recurrence of such an event; and
- g) any other relevant matters.

R3.4 The EPA may make a written request for further details in relation to any of the above matters if it is not satisfied with the report provided by the licensee. The licensee must provide such further details to the EPA within the time specified in the request.

R4 Other reporting conditions

R4.1 Revised Noise Impact Assessment

The Licensee must prepare a revised Noise Impact Assessment (NIA) for the final turbine model and turbine layout selected prior to commissioning of the wind turbines. The revised NIA must:

- a) demonstrate, through appropriate modelling and in accordance with the Environmental Noise Guidelines: Wind Farms (SA EPA 2009), as modified by the NSW Wind Energy: Noise Assessment Bulletin for State Significant Wind Energy Development (2016), that the final turbine model and layout can meet the limits derived in accordance with those guidelines.
- b) validate the power law relationship used to derive hub height wind speed in the EIS.

R4.2 Noise Management Plan

Prior to commissioning of the turbines, the Licensee must prepare and implement a Noise Management Plan to manage noise emissions from the operations of the project. The Plan must include, but not necessarily be limited to:

- a) within 6 months of the commencement of operations (or the commencement of operation of a stage, if the development is to be staged), the Licensee must undertake noise monitoring to determine whether the development is complying with the relevant conditions of this consent;
- b) procedures to certify noise emissions from wind turbines;
- c) identification and implementation of best practice management techniques for minimisation of noise emissions where reasonable and feasible;
- d) measures to be undertaken to rectify annoying characteristics resulting from the operation of the project, such as infrasound, tonality or adverse mechanical noise from component failure; and
- e) procedures and corrective actions to be undertaken if non-compliance is detected.

R4.3 Construction Noise Management Plan

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The licensee must prepare and implement a detailed construction noise management plan, prior to commencement of construction activities, including but not necessarily limited to:

- a) identification of each work area, site compound and access route (both private and public);
- b) identification of the specific activities that will be carried out and associated noise sources at the premises and access routes;
- c) identification of all potentially affected sensitive receivers;
- d) the construction noise objectives identified in accordance with the Interim Construction Noise Guideline
- e) assessment of potential noise from the proposed construction methods (including noise from construction traffic) against the objectives identified in (d);
- f) where the objectives are predicted to be exceeded an analysis of feasible and reasonable noise mitigation measures that can be implemented to reduce construction noise impacts; and
- g) description of management methods and procedures and specific noise mitigation treatments that will be implemented to control noise and vibration during construction, including those identified in the EIS

6 General Conditions

G1 Copy of licence kept at the premises or plant

- G1.1 A copy of this licence must be kept at the premises to which the licence applies.
- G1.2 The licence must be produced to any authorised officer of the EPA who asks to see it.
- G1.3 The licence must be available for inspection by any employee or agent of the licensee working at the premises.

G2 Contact number for incidents and responsible employees

- G2.1 The licensee must operate 24-hour telephone contact lines for the purposes of enabling the EPA to directly contact one or more representatives of the licensee who can:
 - (a) respond at all times to incidents relating to the premises; and
 - (b) to contact the licensee's senior employees or agents authorised at all times to:
 - (i) speak on behalf of the licensee; and
 - (ii) provide any information or document required under the licence.
- G2.2 The contact details required by Condition G2.1 above must include:
 - a) the full name and title of the authorised representatives and the scope of their respective authorisations; and
 - b) the direct telephone number, mobile number, email address and postal address for contacting each authorised representative.
- G2.3 The licensee is to inform the EPA of the contact number(s) within 3 months of the licence being issued.
- G2.4 The licensee must inform the EPA in writing of the appointment of any subsequent contact persons, or changes to the person's contact details as soon as practicable and in any event within fourteen days of the

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appointment or change.

Dictionary

General Dictionary

3DGM [in relation to a concentration limit]	Means the three day geometric mean, which is calculated by multiplying the results of the analysis of three samples collected on consecutive days and then taking the cubed root of that amount. Where one or more of the samples is zero or below the detection limit for the analysis, then 1 or the detection limit respectively should be used in place of those samples
Act	Means the Protection of the Environment Operations Act 1997
activity	Means a scheduled or non-scheduled activity within the meaning of the Protection of the Environment Operations Act 1997
actual load	Has the same meaning as in the Protection of the Environment Operations (General) Regulation 2009
AM	Together with a number, means an ambient air monitoring method of that number prescribed by the <i>Approved Methods for the Sampling and Analysis of Air Pollutants in New South Wales</i> .
AMG	Australian Map Grid
anniversary date	The anniversary date is the anniversary each year of the date of issue of the licence. In the case of a licence continued in force by the Protection of the Environment Operations Act 1997, the date of issue of the licence is the first anniversary of the date of issue or last renewal of the licence following the commencement of the Act.
annual return	Is defined in R1.1
Approved Methods Publication	Has the same meaning as in the Protection of the Environment Operations (General) Regulation 2009
assessable pollutants	Has the same meaning as in the Protection of the Environment Operations (General) Regulation 2009
BOD	Means biochemical oxygen demand
CEM	Together with a number, means a continuous emission monitoring method of that number prescribed by the <i>Approved Methods for the Sampling and Analysis of Air Pollutants in New South Wales</i> .
COD	Means chemical oxygen demand
composite sample	Unless otherwise specifically approved in writing by the EPA, a sample consisting of 24 individual samples collected at hourly intervals and each having an equivalent volume.
cond.	Means conductivity
environment	Has the same meaning as in the Protection of the Environment Operations Act 1997
environment protection legislation	Has the same meaning as in the Protection of the Environment Administration Act 1991
EPA	Means Environment Protection Authority of New South Wales.
fee-based activity classification	Means the numbered short descriptions in Schedule 1 of the Protection of the Environment Operations (General) Regulation 2009.
general solid waste (non-putrescible)	Has the same meaning as in Part 3 of Schedule 1 of the Protection of the Environment Operations Act 1997

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flow weighted composite sample	Means a sample whose composites are sized in proportion to the flow at each composites time of collection.
general solid waste (putrescible)	Has the same meaning as in Part 3 of Schedule 1 of the Protection of the Environment Operations Act 1997
grab sample	Means a single sample taken at a point at a single time
hazardous waste	Has the same meaning as in Part 3 of Schedule 1 of the Protection of the Environment Operations Act 1997
licensee	Means the licence holder described at the front of this licence
load calculation protocol	Has the same meaning as in the Protection of the Environment Operations (General) Regulation 2009
local authority	Has the same meaning as in the Protection of the Environment Operations Act 1997
material harm	Has the same meaning as in section 147 Protection of the Environment Operations Act 1997
MBAS	Means methylene blue active substances
Minister	Means the Minister administering the Protection of the Environment Operations Act 1997
mobile plant	Has the same meaning as in Part 3 of Schedule 1 of the Protection of the Environment Operations Act 1997
motor vehicle	Has the same meaning as in the Protection of the Environment Operations Act 1997
O&G	Means oil and grease
percentile [in relation to a concentration limit of a sample]	Means that percentage [eg.50%] of the number of samples taken that must meet the concentration limit specified in the licence for that pollutant over a specified period of time. In this licence, the specified period of time is the Reporting Period unless otherwise stated in this licence.
plant	Includes all plant within the meaning of the Protection of the Environment Operations Act 1997 as well as motor vehicles.
pollution of waters [or water pollution]	Has the same meaning as in the Protection of the Environment Operations Act 1997
premises	Means the premises described in condition A2.1
public authority	Has the same meaning as in the Protection of the Environment Operations Act 1997
regional office	Means the relevant EPA office referred to in the Contacting the EPA document accompanying this licence
reporting period	For the purposes of this licence, the reporting period means the period of 12 months after the issue of the licence, and each subsequent period of 12 months. In the case of a licence continued in force by the Protection of the Environment Operations Act 1997, the date of issue of the licence is the first anniversary of the date of issue or last renewal of the licence following the commencement of the Act.
restricted solid waste	Has the same meaning as in Part 3 of Schedule 1 of the Protection of the Environment Operations Act 1997
scheduled activity	Means an activity listed in Schedule 1 of the Protection of the Environment Operations Act 1997
special waste	Has the same meaning as in Part 3 of Schedule 1 of the Protection of the Environment Operations Act 1997
TM	Together with a number, means a test method of that number prescribed by the <i>Approved Methods for the Sampling and Analysis of Air Pollutants in New South Wales</i> .

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TSP	Means total suspended particles
TSS	Means total suspended solids
Type 1 substance	Means the elements antimony, arsenic, cadmium, lead or mercury or any compound containing one or more of those elements
Type 2 substance	Means the elements beryllium, chromium, cobalt, manganese, nickel, selenium, tin or vanadium or any compound containing one or more of those elements
utilisation area	Means any area shown as a utilisation area on a map submitted with the application for this licence
waste	Has the same meaning as in the Protection of the Environment Operations Act 1997
waste type	Means liquid, restricted solid waste, general solid waste (putrescible), general solid waste (non-putrescible), special waste or hazardous waste
Wellhead	Has the same meaning as in Schedule 1 to the Protection of the Environment Operations (General) Regulation 2021.

Mr Joshua Loxley

Environment Protection Authority

(By Delegation)

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End Notes