

Golden Plains Wind Farm

Application to Amend Planning Permit PA1700266

Appendix D: Records of Consultation



Golden Plains Wind Farm

Appendix D.1: Corangamite Catchment
Management Authority





CMA Reference No: CCMA-F-2020-00715
Document No: 2
Date: 21 December 2020

Mr Kyle Sandona
Project Manager
WestWind Energy Pty Ltd
17 Goode Street
Gisborne Vic 3437

kyles@w-wind.com.au

Dear Kyle

CMA Reference Number: CCMA-F-2020-00715
Re: PA1700266 compliance with conditions 82 and 83

Thank you for providing the most recent development plans for the Golden Plains Wind Farm. The CCMA has reviewed the GIS layers provided and can confirm that conditions 82 and 83 of PA1700266 are complied with by the current plans (v39-02).

I can also advise that the previous encroachment of WTG104 into the 100m buffer of Ferrers Creek has been rectified by the v39-02 development plans.

Should you have any queries, please do not hesitate to contact our Engineer and Floodplain Officer, Michael Clarke on 1800 002 262 or floodinfo@ccma.vic.gov.au. To assist the CMA in handling any enquiries please quote **CCMA-F-2020-00715** in your correspondence with us.

Yours sincerely,

A handwritten signature in black ink, appearing to read "G. Taylor".

Dr Geoff Taylor
Floodplain Statutory Manager

*healthy and productive lands and waters
cared for by thriving communities*



1800 002 262

info@ccma.vic.gov.au
ccma.vic.gov.au

PO Box 159
64 Dennis Street
Colac, Victoria 3250

ABN: 60 355 974 029

The information contained in this correspondence is subject to the disclaimers and definitions attached.

Definitions and Disclaimers

1. The area referred to in this letter as the 'proposed development location' is the land parcel(s) that, according to the Authority's assessment, most closely represent(s) the location identified by the applicant. The identification of the 'proposed development location' on the Authority's GIS has been done in good faith and in accordance with the information given to the Authority by the applicant(s) and/or Council.
2. While every endeavour has been made by the Authority to identify the proposed development location on its GIS using VicMap Parcel and Address data, the Authority accepts no responsibility for or makes no warranty with regard to the accuracy or naming of this proposed development location according to its official land title description.
3. **AEP** as Annual Exceedance Probability – is the likelihood of occurrence of a flood of given size or larger occurring in any one year. AEP is expressed as a percentage (%) risk and may be expressed as the reciprocal of ARI (Average Recurrence Interval).

Please note that the 1% probability flood is not the probable maximum flood (PMF). There is always a possibility that a flood larger in height and extent than the 1% probability flood may occur in the future.

4. **AHD** as Australian Height Datum - is the adopted national height datum that generally relates to height above mean sea level. Elevation is in metres.
5. **Nominal Flood Protection Level (NFPL)** is the applicable flood level for the subject development plus freeboard (additional height above the flood level). The minimum floor level for a development is usually set at the NFPL.
6. **ARI** as Average Recurrence Interval - is the likelihood of occurrence, expressed in terms of the long-term average number of years, between flood events as large as or larger than the design flood event. For example, floods with a discharge as large as or larger than the 100 year ARI flood will occur on average once every 100 years.
7. **LIDAR (Light Detection And Ranging)** is an optical remote sensing technology which measures the height of the ground surface using pulses from a laser. LIDAR can be used to create a topographical map of the land and highly detailed and accurate models of the land surface.
8. No warranty is made as to the accuracy or liability of any studies, estimates, calculations, opinions, conclusions, recommendations (which may change without notice) or other information contained in this letter and, to the maximum extent permitted by law, the Authority disclaims all liability and responsibility for any direct or indirect loss or damage which may be suffered by any recipient or other person through relying on anything contained in or omitted from this letter.
9. This letter has been prepared for the sole use by the party to whom it is addressed and no responsibility is accepted by the Authority with regard to any third party use of the whole or of any part of its contents. Neither the whole nor any part of this letter or any reference thereto may be included in any document, circular or statement without the Authority's written approval of the form and context in which it would appear.
10. The flood information provided represents the best estimates based on currently available information. This information is subject to change as new information becomes available and as further studies are carried out.

References

1. Guidelines for Development in Flood Affected Areas, Department of Environment, Land, Water and Planning, 2019: https://www.water.vic.gov.au/_data/assets/pdf_file/0025/409570/Guidelines-for-Development-in-Flood_finalAA.pdf
2. Australian Rainfall and Runoff Revision Project 10 – Appropriate Safety Criteria for People April 2010. http://arr.ga.gov.au/_data/assets/pdf_file/0005/40487/ARR_Project_10_Stage1_report_Final.pdf
3. Australian Rainfall and Runoff Revision Project 10 – Appropriate Safety Criteria for Vehicles February 2011. http://arr.ga.gov.au/_data/assets/pdf_file/0004/40486/ARR_Project_10_Stage2_Report_Final.pdf
4. Victorian Floodplain Management Strategy 2016, available at <https://www.water.vic.gov.au/managing-floodplains/new-victorian-floodplain-management-strategy>
5. Corangamite Regional Floodplain Management Strategy 2018-2028, <https://ccma.vic.gov.au/wp-content/uploads/2019/10/Corangamite-RFMS-TEXT-for-WEB.pdf>

Golden Plains Wind Farm

Appendix D.2: DELWP Environment Portfolio



Grampians region - Environment Portfolio matters

Project: Golden Plains Wind Energy Facility

Documents:

- Golden Plains Wind Farm: Flora and Fauna Management Plan, Revision V01-05, by Nature Advisory (Draft issued for comment 20/11/2020);
- Golden Plains Wind Farm Terminal Station plans dated 11 November 2020 (version 31415); and
- Golden Plains Wind Farm letter dated 20 November 2020.

Comment date: 22 December 2020

Golden Plains Wind Farm Management Pty Ltd (GPWFM) has requested DELWP Grampians region's feedback and comments on the following questions/matters:

Comment:

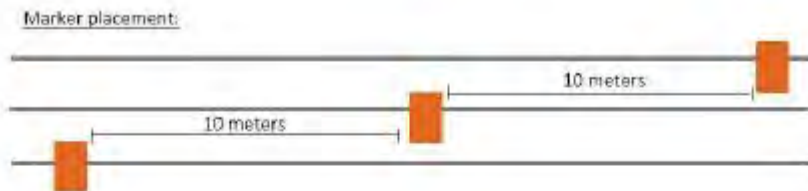
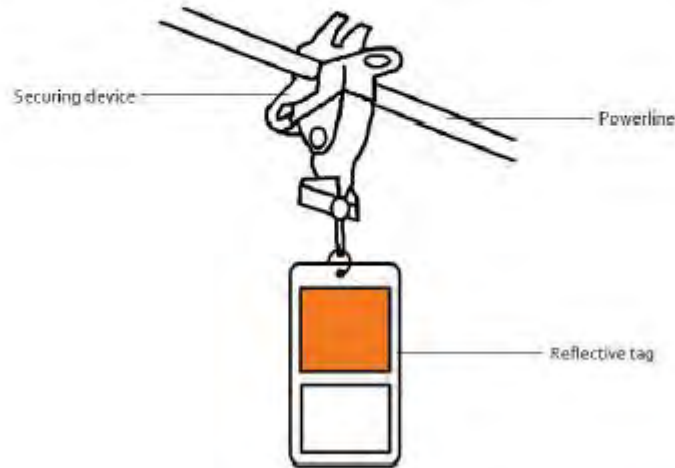
Subject / Matter	Question (Summary)	DELWP Grampians Region Comment
Golden Plains Wind Farm: Flora and Fauna Management Plan, Revision V01-05 (Draft 20/11/2020) (FFMP)	Requesting comments / feedback on FFMP.	DELWP Grampians region is satisfied with the information provided in the current version of the Golden Plains Wind Farm FFMP.
Revised plans - Cressy Terminal Station (CRTS) works area and footprint.	Does the region have any concerns regarding the updated design and revised impacts?	DELWP Grampians region is satisfied that the revised design of the CRTS will minimise the impact via disturbance to brolga breeding within the wetland, as well as to the structure of the wetland due to construction activities. Review of the plans indicate that it may achieve a better outcome than the previous design which was supported by DELWP Grampian region.
Use of helicopters for installation of conductors and proposed methodology.	Does the region have any objection to the proposed methodology for use of helicopters for installation of conductors?	DELWP Grampians region has no objection to the use of helicopters for these works, however this is provisional on the works being completed at appropriate times (such as when Brolga and/or other migratory shore birds are not present in a wetland and outside flocking/breeding seasons when eggs and chicks may also be present).
Marking of transmission lines.	Does the requirement for marking extend to the realigned section of the existing Moorabool – Mortlake/Tarrone 500kV line?	Yes, marking of the lines is required as the realigned sections are located on the edge of wetlands which are known and identified breeding sites for brolga.
Marking of transmission lines.	Does the Region have a preference or recommendation for the type of marking that is most appropriate (e.g. plastic marker balls)?	DELWP does not have a preferred or standard type of marking, however it is recommended that the type of markings used be consistent with the approach taken for Stockyard Hill Wind Farm. Please see page 2 - Appendix 5, Bat and Avifauna Management Plan, Stockyard Hill Wind Farm Victoria, May 2018.

Please note that these comments are from the DELWP Grampians region on specific biodiversity matters. The final decision on endorsement of all documents is made by the Minister for Planning, or his delegate.

Appendix 5. Powerline Marking Strategy – Wire Marker

Line marking will be undertaken for all sections of overhead line which fall within the 3-kilometre zone shown on Figure 3 (historical broilga breeding records over the past 20 years).

this equates to line marking between GPS coordinates 702017E, 5850427N and 702216E, 5841988N for the section overhead line connecting the north switchyard and west substation.





Department of Environment, Land, Water and Planning

402-406 Mair Street
Ballarat, VIC 3350
03 5336 6856

Our ref: SP SP471640

27 May 2020

Sam Mason
Planner - Renewables
Department of Environment Land, Water and Planning
Sam.mason@delwp.vic.gov.au

Dear Sam

GOLDEN PLAINS WIND FARM – PLANNING PERMIT CONDITION 1 LAYOUT PLAN

Thank you for your correspondence dated 15 May 2020, regarding the plans recently submitted in accordance with condition 1 of the Golden Plains wind farm permit PA1700266.

I note that you request commentary regarding how the plans address general biodiversity impacts and planning permit conditions 1c, 1d, 1c and 1g.

In general, the Grampians region supports the submitted plans, and notes that the proposed layout represents a net decrease in environmental impacts, in comparison with the plans assessed for the Environmental Effects Statement. The plans include a reduction in impact on communities listed under the *Environment Protection Biodiversity Conservation Act 1999* (EPBC Act), and an overall reduction in native vegetation removal. Impacts on the habitat of Striped Legless Lizard and Golden Sun Moth are similarly decreased. The plans also avoid direct impacts on flora species listed under the EPBC Act and *Flora and Fauna Guarantee Act 1988* (FFG Act).

Note that the region does not support the currently proposed location of the terminal station. At a meeting on the 21 May 2020 GPWFM indicated that the location of the terminal station is still being finalised. The region is waiting on an update on the final location.

The table below provides more detailed commentary for each of the questions asked.

Planning question	Grampians Region Response
Condition 1 (c): <ul style="list-style-type: none"> Is the turbine free buffer zone for Brolgas in accordance with Document 86 presented to the Golden Plains Wind Farm EES Inquiry and Panel? Do you agree with the boundaries of the turbine free buffer zones for Brolga? 	<p>The region has reviewed the turbine free buffer zones as outlined in <i>Golden Plains Windfarm Turbine free buffer map</i>, Golden Plains Windfarm Management Pty Ltd 2019 as required under planning permit condition 1 (c) of Planning Permit PA1700266 (the Permit).</p> <p>The region is satisfied that its interests relating to condition 1(c) of the permit have been adequately addressed.</p>
Condition 1 (d) <ul style="list-style-type: none"> Has the proposed grid connection powerline between the collector station on Bells Road and the 500kv terminal station on Geggies Rd avoided Baths Swamp and associated peripheral wetland dependent vegetation? 	<p>The region has reviewed the Golden Plains Wind Farm Development Plan maps, Golden Plains Windfarm Management Pty Ltd 2019.</p> <p>The region is satisfied that the grid connection avoids Baths Swamp and the surrounding vegetation.</p>

<p>Condition 1 (e)</p> <ul style="list-style-type: none"> Does the proposed transmission station site intrude on the boundary of the Plains Grassy Wetland Ecological Vegetation Class boundary? 	<p>The region has reviewed the turbine free buffer zones as outlined in <i>Golden Plains Windfarm Turbine free buffer map</i>, Golden Plains Windfarm Management Pty Ltd 2019 as required under planning permit condition 1 (e) of Planning Permit PA1700266 (the Permit). The region is satisfied that the proposed transmission site does not intrude on the boundary of the Plains Grassy Wetland EVC.</p>
<ul style="list-style-type: none"> Do you approve the proposed transmission station site boundary? 	<p>The Grampians region does not support the location of the transmission station. The region is concerned that the proposed location of the transmission station will potentially impact on the success of brolga breeding at the nearby wetland.</p> <p>The region has consistently raised concerns about the location of the transmission station in relation to the adjacent Brolga breeding wetland, from the planning panel submission to recent meetings with proponents. Specific concerns relate to the disturbance to breeding Brolga from noise and human activity resultant from both construction and the ongoing use of the site. The region acknowledges that there will be an on-site landscaping plan developed for the transmission station in accordance with Permit Condition 11 but does not agree that this will mitigate the disturbance to breeding Brolga.</p> <p>To support the consideration of the transmission site boundary, the region requests the following information:</p> <ul style="list-style-type: none"> An explanation of how the proposed location will enable the successful execution of Condition 11 of the planning permit, which requires the preparation of an on-site landscaping plan for the transmission station (terminal station) and each collector station. The condition states that the plan for the transmission station must a) Be prepared in consultation with DELWP Environment portfolio and b) Address potential impacts on remnant native vegetation and Brolga habitat in the wetland adjacent to the transmission site.
<p>Condition 1 (g)</p> <ul style="list-style-type: none"> Are you satisfied that native vegetation has been accurately mapped, and that the proposed native veg to be removed is consistent with what was assessed by the Panel? 	<p>The region is satisfied that the proposed native vegetation to be removed is consistent with what was assessed by the Panel.</p> <p>Overall, 13.164 hectares less native vegetation will be impacted through the 217-turbine layout, which equates to a 26.85% reduction in the amount considered in the EES assessment. The 217-turbine layout has an impact on 35.888 hectares of native vegetation, comprising: 35.536 hectares of native vegetation in patches; and five scattered trees,</p>

	<p>equating to an area loss of 0.352 hectares. The region does not object with the amended layout. This is an expected outcome from the reduced number of turbines and any planning permit should reflect the amended layout and the reduced amount of native vegetation approved to be removed.</p> <p>Further detail substantiating this position is provided in Attachment 1.</p>
<p>The proponent is seeking endorsement of a 217-turbine layout, which includes the re-location of a number of turbines in response to condition 1c (as well as changes to layout and location of associated infrastructure inc. powerlines, substations, underground cables, etc.). Are you satisfied that the proposed changes will not result in unreasonable impact on fauna?</p>	<p>The region is satisfied that the proposed changes will not result in unreasonable impact on fauna; and is satisfied that the 217 WTG layout is consistent with the EPBC Approval conditions relating to fauna.</p> <p>Further detail substantiating this position is provided in Attachment 1.</p>
<p>Any other comments in relation to the proposed changes to the layout of the facility and potential biodiversity impacts.</p>	<p>It should be noted that based on the available information, the region was unable to ascertain the condition or quality scores of the two wetlands where underground cabling is proposed to be installed. The region requests the following:</p> <ul style="list-style-type: none"> Information related to the quality of the wetland vegetation and its condition score. <p>Although the region is satisfied that the 217 WTG layout avoids all impacts on EPBC and FFG Act listed flora species, including Small Golden Moths, Small Milkwort, Spiny Rice-flower and Trailing Hop-bush, there are three Spiny Rice-flower plants within one metre of the activity area. The avoid and minimisation principles in these areas will be particularly important during the development and implementation of the Native Vegetation Plan required under condition 54 of the permit.</p> <p>Further detail substantiating this position is provided in Attachment 1.</p>

If you would like to discuss the above matters further, please contact Sarah McMaster, Planning and Approvals Project Officer (renewable energy) in the Grampians region, on telephone 0438 961 442, or email sarah.mcmaster@delwp.vic.gov.au.

Yours sincerely



Grant Hull
Regional Manager
Land & Built Environment Programs

Encl.

Golden Plains Wind Farm

Appendix D.3: Department of Transport
(formerly VicRoads)





Department of Transport

GPO Box 2392
Melbourne, VIC 3001 Australia
Telephone: +61 3 9651 9999
www.transport.vic.gov.au
DX 201292

Mr Michael Juttner
Department of Environment, Land, Water and Planning
8 Nicholson Street
East Melbourne
VIC 3002

Re: Golden Plains Wind Farm - Planning Permit PA1700266, Vehicle Access to Road Zones – Category 1

Dear Mr Juttner,

Golden Plains Wind Farm Management Pty Ltd (GPWFM) has provided the Department of Transport (DoT) with a copy of the revised Development Plans (V39-03) of the Project layout required by Condition 1 of the Planning Permit for the Golden Plains Wind Farm (GPWF).

DoT has assessed the above Plans and approves the vehicle access points accessing Category 1 Road Zones identified under the Golden Plains Planning Scheme. GPWFM are required to submit detailed vehicle access point designs for DoT approval in accordance with Condition 37 of the Permit which DoT understands will occur following the approval of the Development Plans by the Department of Environment, Land, Water and Planning (DELWP).

Should you have any enquiries regarding this matter, please contact swrresponse@roads.vic.gov.au

Yours sincerely

for

SAM PIRROTTA
MANAGER DEVELOPMENT
BARWON SOUTH WEST REGION
DEPT. OF TRANSPORT
PO Box 775
Geelong Vic 3220
Under delegation from the Head, Transport for Victoria
15 December 2020

Golden Plains Wind Farm

Appendix D.4: Golden Plains Shire Council



22 December 2020

Michael Juttner
Manager Renewables
Department of Environment, Land, Water and Planning
8 Nicholson Street
EAST MELBOURNE VIC 3002

Via email: michael.juttner@delwp.vic.gov.au

Dear Michael

Re: Golden Plains Wind Farm – Planning Permit PA1700266 – Condition 1

Golden Plains Wind Farm Management (GPWFM) have provided Golden Plains Shire Council (Council) with a copy of the development plans of the turbine layout that will accompany GPWFM's application to amend the Planning Permit for the Golden Plains Wind Farm (GPWF). I note that Council is not the Responsible Authority for approving the development plans and that they have been provided for information.

Council has and will continue working with GPWFM and supports the development of renewable energy facilities in the Shire. GPWF in particular will be the largest development ever undertaken in Golden Plains, delivering significant economic outcomes to the community and the region, particularly in terms of job creation and infrastructure development. Council is of the view that Golden Plains is an attractive location for investment in wind generation given its suitable land, proximity to the power grid, ready access to workforce and the Port of Geelong, and ideal climatic conditions. As such Council supports the finalisation of the final planning and environmental approvals to enable construction of the project.

The development plans of the turbine layout provided to Council and included in Attachments 1-3 have been prepared to respond to the proposed amendments to the Planning Permit and include:

- The inclusion of the required Broilga Buffer Zone; and
- 215 wind turbine generators of 230m in height with a 165m rotor diameter.

While we do appreciate that the community of Rokewood overwhelmingly support the project, we also respect the fact that there are a couple of nearby land owners that oppose the project. Noting that the development plans accord with the amended permit conditions and significantly reduce the overall development footprint in order to protect the Broilgas, Council supports the approval of the proposed amendments to the planning permit and subsequent endorsement of the development plans.

We trust that this information is of assistance in the finalisation of the process and look forward to the wind farm delivering much needed renewable energy to Victoria.

Yours sincerely



Eric Braslis
CHIEF EXECUTIVE OFFICER

Att WTG Specification Plan (Vestas V162 v02-02) dated 3 December 2020
Development Plans (v39-03) Maps A-L dated 1 December 2020
Turbine Free Buffer Plan (v02-02) dated 25 March 2020

Golden Plains Wind Farm

Appendix D.5: AusNet Transmission Group



Our Ref. 38596

17 December 2020



Simon Clifton
Head of Project Delivery
Golden Plains Wind Farm Management Pty Ltd
Office 4, Nexus Centre
17 Goode Street
GISBORNE VIC 3437

Locked Bag 14051
Melbourne City Mail Centre
Victoria 8001 Australia
T: 1300 360 795
www.ausnetservices.com.au

Dear Simon,

**RE: PLANNING PERMIT: PA1700266
DEVELOPMENT PLANS - GOLDEN PLAINS WIND FARM**

Thank you for providing a copy of the Development Plans submitted to the Department of Environment, Land, Water and Planning (DELWP) for our review and response.

The Development Plans provided to AusNet Services include:

Description	File Name
Wind Turbine Generator layout	gpwf_wtglayout_v39-02.shp
Overall project activity area	gpwf_activityarea_v39-02.shp
Access Tracks	gpwf_accesstracks_v39-04.shp
Underground Cabling	gpwf_undergroundcable_v39-02.shp
Internal Transmission Line	gpwf_internaloverheadtransmissionline_v39-01.shp
Collector Stations	gpwf_collectorstation_v39-01.shp
Terminal Station	gpwf_terminalstation_v39-01.shp

AusNet Services has reviewed the layout of the development and its associated services and infrastructure and confirms that the layout shown in the Development Plans:

1. Complies with Condition 1h of the Planning Permit as no buildings or structures are proposed within the existing AusNet Transmission Group easement except for interface works required for the connection of the wind farm to the existing 500kV Moorabool to Mortlake/Tarrone transmission line; and
2. Complies with Condition 86 of the Planning Permit as no turbine towers are within 200m of our existing transmission line easement and no anemometry masts are within 100m of the easement.

Should you have any further queries, please contact the undersigned.

Yours faithfully,

A handwritten signature in black ink, appearing to read 'D. Andrews', is written over a light blue horizontal line.

Denis Andrews
Senior Survey Officer Engineering Standards and Consulting
AusNet Services

Level 30, 2 Southbank Boulevard, Southbank Victoria 3006
Tel 03 9695 6165 Mobile 0438 055 607