



**APPROVAL**

**Jim’s Plain Renewable Energy Park, north-west Tasmania (EPBC 2017/8065)**

This decision is made under sections 130(1) and 133(1) of the *Environment Protection and Biodiversity Conservation Act 1999 (Cth)*. Note that section 134(1A) of the **EPBC Act** applies to this approval, which provides in general terms that if the approval holder authorises another person to undertake any part of the action, the approval holder must take all reasonable steps to ensure that the other person is informed of any conditions attached to this approval, and that the other person complies with any such condition.

**Details**

<b>Person to whom the approval is granted (approval holder)</b>	UPC Robbins Island Pty Ltd
<b>ACN or ABN of approval holder</b>	ACN 618 734 277
<b>Action</b>	To construct and operate a renewable energy park consisting of wind and solar generation, and associated infrastructure, at Jim’s Plain, approximately 23 km west of Smithton in north western Tasmania [see EPBC Act referral 2017/8065] subject to the variations of the action accepted by the Minister under section 156B on 1 November 2018, 15 February 2019 and 17 September 2019.

**Proposed Approval decision**

My decision on whether or not to approve the taking of the action for the purposes of the controlling provision for the action is as follows.

<b>Listed Threatened Species and Communities</b>	
Section 18	Approve
Section 18A	Approve

***Period for which the approval has effect***

This approval has effect until 01.05.2070

**Decision-maker**

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**Name and position** Andrew McNee  
 Assistant Secretary of Assessments and Governance Branch  
 Department of Agriculture, Water and the Environment

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**Signature**




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**Date of decision** 29 June 2020

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**Conditions of approval**

This approval is subject to the conditions under the EPBC Act as set out in ANNEXURE A.

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## ANNEXURE A – CONDITIONS OF APPROVAL

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### Part A – Conditions specific to the action

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#### Design Report

1. To minimise the impacts to **protected matters**, the approval holder must comply with condition CN1 of the **EPA permit** relating to the preparation of a Design report.
2. Within 5 business days of the approval of the Design Report by the **Director of the EPA**, the approval holder must provide a copy of the approved design report to the Department.
3. In the event that the **Director of the EPA** either approves a minor variation to the approved Design Report or approves a new Design Report in substitution for the Design Report originally approved, the approval holder must provide a copy of the varied or new Design Report to the **Department**.
4. The approval holder must implement the Design Report, or the varied Design Report or the new Design Report, as the case may be.

#### Pre-construction surveys for Tasmanian Wedge-tailed eagle nest

5. To minimise impacts to the **Wedge-tailed Eagle**, the approval holder must comply with condition FF1 of the **EPA permit** relating to the undertaking of pre-construction eagle nest surveys.
6. A report outlining the findings of the surveys must be submitted to the **Department** prior to **commencement of the action**.

#### Pre-construction surveys for Tasmanian devil dens

7. To minimise impacts to the **Tasmanian Devil**, the approval holder must comply with condition FF4 of the **EPA permit** relating to the undertaking of pre-construction surveys for Tasmanian Devil **dens** and preparation of a Den Decommissioning Plan.
8. A report outlining the findings of the surveys and, if applicable the Den Decommissioning Plan must be submitted to the **Department**, prior to **commencement of the action**.
9. The approval holder must implement the Den Decommissioning Plan as required by the **Director of the EPA**.

#### Construction Environment Management Plan

10. To minimise the impacts to **protected matters**, the approval holder must implement condition CN2 of the **EPA permit** relating to a Construction Environment Management Plan (CEMP).
11. Once the CEMP is approved by the **Director of the EPA**, the approval holder must provide a copy of the approved CEMP to the **Department**.
12. In the event that the **Director of the EPA**, by notice in writing to the person responsible, either approves a minor variation to the approved CEMP or approves a new CEMP in substitution for the CEMP originally approved, the approval holder must provide a copy of the varied or new CEMP to the **Department**.
13. The approval holder must implement the CEMP, or the varied CEMP or the new CEMP, as the case may be.

#### Bird monitoring and management plan

14. To minimise the impacts to **protected bird species**, at least 60 days prior to the **commencement of the action**, the approval holder must submit a Bird monitoring and Management Plan (BMMP), to the **Minister** for approval.
15. The BBMP must:
  - a. be prepared in accordance with condition FF2 of the **EPA permit**; and

- b. be consistent with the **Department's Environmental Management Plan Guidelines**.
16. In addition to the requirements of the condition FF2 of the **EPA permit**, the BMMP must also Include:
- a. Methodology for assessing post-**commencement** use of the site by **Wedge-tailed Eagle**;
  - b. details of mitigation measures to minimise impacts on **EPBC Act listed threatened bird species** including:
    - i. measures to minimise impacts associated with lighting, such as preventing the attraction of **EPBC Act listed threatened bird species** and **prey species** to locations with high risk of collision with turbines; and
    - ii. measures to minimise the risk of turbine collision with **EPBC Act listed threatened bird species**.
  - c. details of how the effectiveness of mitigation measures will be monitored and reported as part of the annual **compliance reports**;
  - d. procedures for dealing with any **EPBC Act listed threatened bird species** that require relocation or are injured as a result of the action;
  - e. a program of monitoring and reporting to determine the effectiveness of management measures and to inform adaptive implementation of management measures.
17. The approval holder must, if directed by the **Minister**, seek a **peer review** of the BMMP submitted to the **Minister** for approval. The outcomes or advice from the **peer review** must be incorporated into the BMMP before resubmission to the **Department** for approval.
18. The approval holder must not **commence the action** until the BMMP is approved.
19. The approval holder must implement the approved BMMP.

#### **Dead or injured bird reporting requirements**

20. The approval holder must notify the **Department** within 24 hours of the discovery of any evidence of dead or injured **EPBC Act listed threatened bird species** identified on the **Land**.
- a. The **Department** must be notified in the manner described in condition FF3.2 and condition FF3.3 of the **EPA Permit**.

#### **Wedge-tailed eagle offset**

21. To compensate for impacts to the **Wedge-tailed Eagle**, in the event of the death, or injury that does not allow release into the wild, of a **Wedge-tailed Eagle** due to collision with infrastructure on the **Land**, the approval holder must contribute **\$100,000** per death or injury to the research program(s) and/or conservation project(s) identified in the approved BMMP as required by conditions 14 to 19.

#### **Vehicle management**

22. To minimise the impacts to the **Tasmanian Devil** and **quoll species**, the approval holder must ensure that the **Department** is notified by email within 5 **business days** if a total of three **Tasmanian Devils** and/or **quolls** have been killed due to **vehicle** movements on the **Land**, or on the **key transport route** to the **Land** within that three month period.
23. In the event that three **Tasmanian Devils** and/or **quolls** are killed within a three month period on the **Land**, the approval holder must implement, within 10 **business days**, additional measures as recommended by a **suitably qualified or experienced person**, to protect the **Tasmanian Devil** and **quoll** from death due to vehicle strike.
24. The approval holder must provide a report to the Department detailing the additional measures implemented as required in condition 23 within 20 **business days** of the implementation of the measures.

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## Part B – Standard administrative conditions

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### Notification of date of commencement of the action

25. The approval holder must notify the **Department** in writing of:
- the date of **commencement of the action** within 10 **business days** after the date of **commencement of the action**.
  - the date of commencement of the **operation** of the renewable energy park within 10 **business days** after the date of the commencement of the **operation** of the renewable energy park.
26. If the **commencement of the action** does not occur within 5 years from the date of this approval, then the approval holder must not **commence the action** without the prior written agreement of the **Minister**.

### Compliance records

27. The approval holder must maintain accurate and complete **compliance records**.
28. If the **Department** makes a request in writing, the approval holder must provide electronic copies of **compliance records** to the **Department** within the timeframe specified in the request.

**Note:** **Compliance records** may be subject to audit by the **Department** or an independent auditor in accordance with section 458 of the **EPBC Act**, and or used to verify compliance with the conditions. Summaries of the result of an audit may be published on the **Department's** website or through the general media.

### Preparation and publication of plans

29. The approval holder must:
- submit **plans** electronically to the **Department** for approval by the **Minister**;
  - publish each **plan** on the **website** within 20 **business days** of the date the **plan** is approved by the **Minister** or of the date a revised action management plan is submitted to the **Minister** or the **Department**, unless otherwise agreed to in writing by the **Minister**;
  - exclude or redact **sensitive ecological data** from **plans** published on the **website** or provided to a member of the public; and
  - keep **plans** published on the **website** until the end date of this approval.
30. The approval holder must ensure that any **monitoring data** (including **sensitive ecological data**), surveys, maps, and other spatial and metadata required under **the BMMP**, is prepared in accordance with the **Department's Guidelines for biological survey and mapped data (2018)** and submitted electronically to the **Department** in accordance with the requirements of the **BMMP**.

### Annual compliance reporting

31. The approval holder must prepare a **compliance report** for each 12 month period following the date of **commencement of the action**, or otherwise in accordance with an annual date that has been agreed to in writing by the **Minister**. The approval holder must:
- publish each **compliance report** on the **website** within 60 **business days** following the relevant 12 month period;
  - notify the **Department** by email that a **compliance report** has been published on the **website** and provide the weblink for the **compliance report** within five **business days** of the date of publication;
  - keep all **compliance reports** publicly available on the **website** until this approval expires;
  - exclude or redact **sensitive ecological data** from **compliance reports** published on the **website**; and

- e. where any **sensitive ecological data** has been excluded from the version published, submit the full **compliance report** to the **Department** within 5 **business days** of publication.

**Note:** Compliance reports may be published on the **Department's** website.

### **Reporting non-compliance**

- 32. The approval holder must notify the **Department** in writing of any: **incident**; non-compliance with the conditions; or non-compliance with the commitments made in **plans**. The notification must be given as soon as practicable, and no later than two **business days** after becoming aware of the **incident** or non-compliance. The notification must specify:
  - a. any condition which is or may be in breach;
  - b. a short description of the **incident** and/or non-compliance; and
  - c. the location (including co-ordinates), date, and time of the **incident** and/or non-compliance. In the event the exact information cannot be provided, provide the best information available.
- 33. The approval holder must provide to the **Department** the details of any **incident** or non-compliance with the conditions or commitments made in **plans** as soon as practicable and no later than 10 **business days** after becoming aware of the **incident** or non-compliance, specifying:
  - a. any corrective action or investigation which the approval holder has already taken or intends to take in the immediate future;
  - b. the potential impacts of the **incident** or non-compliance; and
  - c. the method and timing of any remedial action that will be undertaken by the approval holder.

### **Independent audit**

- 34. The approval holder must ensure that **independent audits** of compliance with the conditions are conducted as requested in writing by the **Minister**.
- 35. For each **independent audit**, the approval holder must:
  - a. provide the name and qualifications of the independent auditor and the draft audit criteria to the **Department**;
  - b. only commence the **independent audit** once the audit criteria have been approved in writing by the **Department**; and
  - c. submit an audit report to the **Department** within the timeframe specified in the approved audit criteria.
- 36. The approval holder must publish the audit report on the **website** within 10 **business days** of receiving the **Department's** approval of the audit report and keep the audit report published on the **website** until the end date of this approval.

### **Revision of action management plans**

- 37. The approval holder may, at any time, apply to the **Minister** for a variation to an action management plan approved by the **Minister**, or as subsequently revised in accordance with these conditions, by submitting an application in accordance with the requirements of section 143A of the **EPBC Act**. If the **Minister** approves a revised action management plan (RAMP) then, from the date specified, the approval holder must implement the RAMP in place of the previous action management plan.

### **Completion of the action**

- 38. Within 30 days after the **completion of the action**, the approval holder must notify the **Department** in writing and provide **completion data**.

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## Part C - Definitions

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In these conditions, except where contrary intention is expressed, the following definitions are used:

**\$100,000** means a financial contribution equivalent on the date the payment is made, by application of the **CPI**, to the value of \$100,000, GST exclusive, on the date of this approval.

**Business day** means a day that is not a Saturday, a Sunday or a public holiday in the state or territory of the action.

**Commencement of the action/ Commence the action** means the first instance of any specified activity associated with the action including clearing of vegetation and construction of any infrastructure. **Commencement of the action** does not include minor physical disturbance necessary to:

- i. undertake pre-clearance/ pre-construction surveys or monitoring programs;
- ii. install signage and /or temporary fencing to prevent unapproved use of the **Land**;
- iii. protect environmental and property assets from fire, weeds and pests, including erection of temporary fencing, and use of existing surface access tracks;
- iv. install temporary site facilities for persons undertaking pre-commencement activities so long as these are located where they have no impact on the **protected matters**.

**Completion data** means an environmental report and spatial data clearly detailing how the conditions of this approval have been met. The **Department's** preferred spatial data format is **shapefile**.

**Completion of the action** means all specified activities associated with the action have permanently ceased.

**Compliance records** means all documentation or other material in whatever form required to demonstrate compliance with the conditions of approval in the approval holder's possession or that are within the approval holder's power to obtain lawfully.

**Compliance reports** means written reports:

- i. providing accurate and complete details of compliance, **incidents**, and non-compliance with the conditions and the **plans**;
- ii. consistent with the **Department's Annual Compliance Report Guidelines (2014)**;
- iii. include a **shapefile** of any clearance of any **protected matters**, or their habitat, undertaken within the relevant 12 month period; and
- iv. annexing a schedule of all **plans** prepared and in existence in relation to the conditions during the relevant 12-month period.

**CPI** means Consumer Price Index for Tasmania or the nearest equivalent index, sourced from the Australian Bureau of Statistics website, based on the change for All Groups CPI over the July to June period, generally released at the end of July each year.

**Den** means either a social den (where extended socialising and mating may occur) or a maternal den (refuge where young are dropped from the pouch and reared) used by the **Tasmanian Devil**.

**Department** means the Australian Government agency responsible for administering the **EPBC Act**.

**Director of the EPA** means the Director, Environment Protection Authority holding office under Section 18 of Tasmanian *Environmental Management and Pollution Control Act 1994* and includes a person authorised in writing by the Director to exercise a power or function on the Director's behalf.

**Environmental Management Plan Guidelines** means the *Environment Management Plan Guidelines, 2014* published by the **Department** at:  
<http://www.environment.gov.au/epbc/publications/environmental-management-plan-guidelines>.

**EPA Permit** means the permit conditions – Environmental No. 9774 issued by the Chairperson of the Board of the Environment Protection Authority (Tasmania) as in force 7 April 2020 and provided in the extract of conditions at Appendix B or any subsequently amended version of that permit.

**EPBC Act** means the *Environment Protection and Biodiversity Conservation Act 1999* (Cth).

**EPBC Act listed threatened bird species-** means any and all of the following;

- Tasmanian Wedge-tailed Eagle (*Aquila audax* subsp. *fleayi*) listed as Endangered under the **EPBC Act**.
- Tasmanian Masked Owl (*Tyto novaehollandiae* subsp. *Castanops* Tasmanian population) listed as Vulnerable under the **EPBC Act**
- Orange-bellied Parrot (*Neophema chrysogaster*) listed as Critically Endangered under the **EPBC Act**

**Incident** means any event which has the potential to, or does, impact on one or more **protected matter(s)**.

**Independent** means a person who does not have any individual, or by employment or family affiliation, conflicting or competing interests with the approval holder; the approval holder's staff, representatives or associated persons; or the project, including any personal, financial, business or employment relationship, other than receiving payment for undertaking the role for which the condition requires an independent person.

**Independent audit:** means an audit conducted by an independent and **suitably qualified person** as detailed in the *Environment Protection and Biodiversity Conservation Act 1999 Independent Audit and Audit Report Guidelines* (2019)

**Key transport route** means the route between Smithton and the **Land** and specifically includes the following roads;

- Montagu Road
- West Montagu Road
- Harcus River Road
- Little Harcus Road

**Land** means the site of the Jim's Plain renewable energy park, comprising the areas enclosed within red lines designated as 'Project Site' in Appendix A.

**Monitoring data** means the data required to be recorded under the conditions of this approval.

**Minister** means the Australian Government Minister administering the **EPBC Act** including any delegate thereof.

**Nest** means a nest potentially constructed or used by a **Wedge-tailed Eagle**

**Operation** means the point in time when one or more wind turbine is generating electricity that is available for sale.

**Peer review** means an examination of the relevant plan by an independent **suitably qualified and experienced person** approved by the **Minister** and written advice on the suitability of the plan to achieve its purpose.

**Plan** means any of the documents required to be prepared, approved by the **Minister**, implemented by the approval holder and/or published on the **website** in accordance with these conditions (includes action management plans and/or strategies).

**Protected matters** means a matter protected under a controlling provision in Part 3 of the **EPBC Act** for which this approval has effect.

**Publish** means make publicly available on the approval holder's website until the end date of this approval.

**Quoll(s)**- means either an individual of the species Spotted-tailed Quoll (*Dasyurus maculatus maculatus* (Tasmanian population)) listed as vulnerable under the **EPBC Act** or an individual from the species Eastern Quoll (*Dasyurus viverrinus*) listed as endangered under the **EPBC Act**.

**Sensitive ecological data** means data as defined in the Australian Government Department of the Environment (2016) *Sensitive Ecological Data – Access and Management Policy V1.0*.

**Shapefile** means location and attribute information of the action provided in an Esri shapefile format. Shapefiles must contain '.shp', '.shx', '.dbf' files and a '.prj' file that specifies the projection/geographic coordinate system used. Shapefiles must also include an '.xml' metadata file that describes the shapefile for discovery and identification purposes.

**Suitably qualified or experienced person(s)** means a person who has professional qualifications, training, skills and/or experience related to the nominated subject matter and can give authoritative independent assessment, advice and analysis on performance relative to the subject matter using the relevant protocols, standards, methods and/or literature.

**Tasmanian Devil** means the Tasmanian Devil (*Sarcophilus harrisii*) listed as Endangered under the **EPBC Act**.

**Vehicle(s)**- refers only to vehicles associated with the action when used on, or driven to or from the **Land**.

**Website** means a set of related web pages located under a single domain name attributed to the approval holder and available to the public.

**Wedge-tailed eagle** means the Tasmanian Wedge-tailed Eagle (*Aquila audax fleayi*) listed as Endangered under the **EPBC Act**.



Figure 1: Map of the Land



<p>1:25,000 @ A3</p> <p>0 200 400 600 800 1000</p> <p>Meters</p> <p>Map Projection: Transverse Mercator Horizontal Datum: GDA 1984 Grid: S 24 1004 MGA Zone 55</p>		<p><b>Legend</b></p> <ul style="list-style-type: none"> <li><span style="border: 2px solid red; display: inline-block; width: 15px; height: 10px; margin-right: 5px;"></span> Project Site</li> <li><span style="background-color: yellow; border: 1px solid black; display: inline-block; width: 15px; height: 10px; margin-right: 5px;"></span> Residential building</li> <li><span style="border-bottom: 2px solid yellow; display: inline-block; width: 15px; margin-right: 5px;"></span> Distance to residential building</li> <li><span style="border-bottom: 1px solid black; display: inline-block; width: 15px; margin-right: 5px;"></span> Cadastre</li> <li><span style="border-bottom: 1px solid black; display: inline-block; width: 15px; margin-right: 5px;"></span> Road access</li> <li><span style="border-bottom: 1px solid blue; display: inline-block; width: 15px; margin-right: 5px;"></span> Watercourse</li> <li><span style="border-bottom: 1px solid grey; display: inline-block; width: 15px; margin-right: 5px;"></span> Contours (10m)</li> <li><span style="background-color: #c0392b; display: inline-block; width: 15px; height: 10px; margin-right: 5px;"></span> Welcome River State Reserve</li> <li><span style="background-color: #e74c3c; display: inline-block; width: 15px; height: 10px; margin-right: 5px;"></span> Authority Land (Parks and Wildlife Service)</li> </ul>		<p>UPC Robbins Island Pty Ltd Jim's Plain Renewable Energy Park</p> <p><b>DPEMP</b> Project location</p>	<p>Job Number 32-185800 Revision 1 Date 09 Oct 2019</p>
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Figure 2-1

**EXTRACT -****PERMIT PART B****PERMIT CONDITIONS No. 9774**

**granted under the *Land Use Planning and Approvals Act 1993* on 7 April 2020 by the Chairperson of the Board of the Tasmanian Environment Protection Authority**

**Construction****CN1 Design Report**

- 1** At least three months prior to the commencement of construction activities, or by a date specified in writing by the Director, a Design Report must be submitted to the Director for approval in writing.
- 2** The Design Report must be prepared in accordance with any reasonable guidelines provided by the Director.
- 3** Without limitation, the Design Report must include details of the following:
  - 3.1** the model, size (including hub height and blade length) and capacity (MW) of the wind turbines;
  - 3.2** a site plan showing the locations of all major infrastructure, including wind turbines, hard stand areas, access roads, cables, substation, buildings, temporary construction facilities and construction areas, including a map showing all environmental constraints considered in determining the final site layout;
  - 3.3** the results of pre-construction surveys for eagles nests (*Aquila audax subsp. fleayi* [wedge-tailed eagle] and *Haliaeetus leucogaster* [white-bellied sea eagle]) and Tasmanian devil (*Sarcophilus harrisii*) dens;
  - 3.4** the results of pre-construction surveys for threatened vegetation communities and threatened flora within the project footprint;
  - 3.5** details of the impacts on threatened vegetation communities and threatened flora species, if any, including:
    - 3.5.1** location maps showing the extent of the threatened vegetation communities and the location of the threatened flora species that will be affected by the activity;
    - 3.5.2** the area (m<sup>2</sup>) of threatened vegetation communities affected and the number of individuals of threatened flora species affected;
    - 3.5.3** detail on micro-siting for each wind turbine demonstrating minimal impact to threatened flora; and
    - 3.5.4** the measures undertaken to further mitigate or offset any impacts.
  - 3.6** a table containing all of the major commitments made in the Design Report.
- 4** Construction must not commence until the Design Report has been approved by the Director, and construction must be undertaken in accordance with the approved Design Report.
- 5** In the event that the Director, by notice in writing to the person responsible, either approves a minor variation to the approved Design Report or approves a new Design Report in substitution for the Design Report originally approved, the person responsible must implement and act in accordance with the varied Design Report or the new Design Report, as the case may be.

**CN2 Construction Environmental Management Plan**

- 1** At least 60 days prior to the commencement of construction activities, or by a date specified in writing by the Director, a Construction Environmental Management Plan (CEMP) must be submitted to the Director for approval.
- 2** The plan must be prepared in accordance with any reasonable guidelines provided by the Director, and in accordance with the management measures included in UPC Robbins Island

Pty Ltd's *Jim's Plain Renewable Energy Park Development Proposal and Environmental Management Plan, November 2019* (DPEMP).

- 3 The CEMP must contain a detailed description of the proposed timing and sequence of the major construction activities and of the proposed management measures to be implemented to avoid or minimise the environmental impacts during the construction phase. The CEMP must include, but not necessarily limited to, management measures in relation to the following:
  - 3.1 the prevention of impacts on surface water and waterways;
  - 3.2 monitoring of groundwater drawdown rates;
  - 3.3 erosion and sediment control techniques, in accordance with section 6.6.4 of the DPEMP;
  - 3.4 noise mitigation measures to be implemented during construction, in particular traffic noise;
  - 3.5 dust control;
  - 3.6 management of environmentally hazardous materials;
  - 3.7 cultural (Aboriginal and non-aboriginal) heritage considerations;
  - 3.8 avian management, including protection of Tasmanian masked owl (*Tyto novaelandiae subsp. Castanops*) potential breeding habitat;
  - 3.9 non-avian fauna management, including infrastructure exclusion zones, minimising roadkill risk and roadkill monitoring and reporting, in accordance with section 6.2.4 of the DPEMP;
  - 3.10 flora management, including minimising vegetation clearance;
  - 3.11 weed, pest and disease management, in particular *Phytophthora cinnamomi* (root rot fungus) and *Batrachochytrium denerobatidis* (amphibian chytrid fungus);
  - 3.12 quality control arrangements including supervision by appropriately qualified and experienced persons, detailed construction specifications for key items of environmental management infrastructure, documented site procedures, quality control testing and the keeping of appropriate records;
  - 3.13 solid waste management, in accordance with section 6.9.4 of the DPEMP;
  - 3.14 a table containing all of the major commitments made in the plan;
  - 3.15 an implementation timetable for key aspects of the plan; and
  - 3.16 a reporting program to regularly advise the Director of the results of the plan.
- 4 Construction must not commence until the Construction Environmental Management Plan has been approved by the Director, and construction must be undertaken in accordance with the approved Construction Environmental Management Plan.
- 5 In the event that the Director, by notice in writing to the person responsible, either approves a minor variation to the approved plan or approves a new plan in substitution for the plan originally approved, the person responsible must implement and act in accordance with the varied plan or the new plan, as the case may be.

## **FF2 EAGLE MONITORING AND MANAGEMENT PLAN**

- 1 At least 60 days prior to the commencement of construction, or by a date specified in writing by the Director, an Eagle Monitoring and Management Plan must be submitted to the Director for approval.
- 2 The plan must be prepared in accordance with any reasonable guidelines provided by the Director, and in accordance with UPC Robbins Island Pty Ltd's *Jim's Plain Renewable Energy Park Preliminary Eagle Monitoring and Management Plan July 2019*.
- 3 Without limitation, the plan must include details of the following:
  - 3.1 avian mortality monitoring survey program designed to detect mortalities of, and injuries to, bird and bat species as a result of collisions with wind turbines and wind monitoring towers including

- 3.1.1 the results of scavenger trials and carcass detectability trials which must be taken into account
  - 3.1.2 search methodology, including, the search area, wind turbines to be searched, frequency of searches, search technique and search area management (i.e. vegetation management)
  - 3.1.3 reporting requirements;
  - 32 eagle nest activity monitoring methodology, timing and reporting;
  - 33 adaptive management strategy in the event of an eagle mortality occurring as a result of the operation of the wind farm, including recommendations following a review of the effectiveness of available technologies in reducing eagle collision mortalities;
  - 34 carrion management, including the removal of animal carcasses within 200 m of any wind turbine and carcass disposal;
  - 35 eagle mortality offset strategy, including the undertaking to make financial contributions to research programs commensurate with the scale of the mortalities, or other equivalent measures; and
  - 36 a reporting program to regularly advise the Director of the results of the plan.
- 4 Operations must not commence until the Eagle Monitoring and Management Plan has been approved by the Director, and all operations must be undertaken in accordance with the approved Eagle Monitoring and Management Plan.
  - 5 In the event that the Director, by notice in writing to the person responsible, either approves a minor variation to the approved plan or approves a new plan in substitution for the plan originally approved, the person responsible must implement and act in accordance with the varied plan or the new plan, as the case may be.

**FF3 Reporting requirements**

- 1 The Director must be notified of any evidence of dead or injured native birds or bats found on The Land, identified during mortality monitoring or through on-site observation, within:
  - 1.1 24 hours of the discovery of such evidence for any threatened species; and
  - 1.2 3 days of the discovery of such evidence for any non-threatened species.
- 2 Within three days of notification, a mortality report must be submitted to the Director and must include the following:
  - 2.1 unique identification number;
  - 2.2 general description of evidence;
  - 2.3 species identification;
  - 2.4 sex and estimated age (if known);
  - 2.5 date and time of discovery;
  - 2.6 estimated date and time of incident;
  - 2.7 estimate of general weather conditions at time of incident;
  - 2.8 position of evidence relative to infrastructure;
  - 2.9 photograph of evidence; and
  - 2.10 any other relevant information.
- 3 The mortality report must be prepared by a suitably qualified or experienced person(s).