

# Assessment form

## Damage mitigation permit (culling and dispersal)

This form is to be used to assess an application for a damage mitigation permit (DMP) under the Nature Conservation (Wildlife Management) Regulation 2006 (the Wildlife Management Regulation) for culling of protected wildlife other than commercially harvested macropods only, or flying-foxes. This form can however be used for commercially harvested macropods in circumstances where they are requested on a DMP application in addition to other species (e.g. birds or non-commercial macropods).

**Date:**

26/10/17

**Assessing Officer:**

Lisa Owen

**Project Ref:****Permit Ref:**

APP0006964

### 1. Applicant name and address:

A wildlife authority may only be granted to an individual or corporation (only if the corporation has an office within Queensland).

Individual ☐Corporation ☒

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|                                    |                                                                                                                                                                                 |                                        |
|------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------|
| Applicants:                        | <div>s.73 irrelevant information</div>                                                                                                                                          |                                        |
| Person in charge (if corporation): | <div>s.73 irrelevant information</div>                                                                                                                                          |                                        |
| Company name:                      | <div>s.73 irrelevant information</div>                                                                                                                                          | ABN/ACN number<br>153 680 374          |
| Property name:                     | <div>s.73 irrelevant information</div>                                                                                                                                          |                                        |
| Lot on Plan details                | 15/sp151988 - 243.2ha                                                                                                                                                           |                                        |
| Property Location (GPS etc)        |                                                                                                                                                                                 |                                        |
| Address:                           | Registered: <div>s.73 irrelevant information</div> Blue Mountain Dr BLUEWATER PARK QLD 4818 Australia<br>Postal: <div>s.73 irrelevant information</div><br>LGA: Townsville City |                                        |
| Phone/Fax:                         | <div>s.73 irrelevant information</div>                                                                                                                                          | <div>s.73 irrelevant information</div> |

## 2. Identify DMP purpose:

A permit will only be issued for section 185 OR section 186 of the Wildlife Management Regulation.

Section 185 - damage or loss caused, or likely to be caused, by a protected animal ☐ or

Section 186 - threat, or potential threat, to human health and wellbeing caused by a protected animal ☒

Background:

Applicant states: The site is a commercial airport able to land large military and civilian aircraft. Animals, including birds, must be culled (using firearms) and disturbed in order to prevent a threat to human health and well-being by way of prevention of aircraft collision. This includes damage to aircraft.

## 3. Legislative requirement: Section 182 - General restriction about animals for which permit may be granted

Section 182 of the Wildlife Management Regulation:

(1) The chief executive may grant a damage mitigation permit only for—

(a) a least concern animal; or

(b) an endangered, vulnerable or near threatened animal.

(1) However, for a damage mitigation permit for an animal mentioned in subsection (1)(b), other than a damage mitigation permit (removal and relocation of wildlife), the chief executive must not grant the

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*permit unless a conservation plan authorises the holder of a damage mitigation permit to take the animal under the permit.*

Species:

s.73 irrelevant information

agile wallaby, *Macropus agilis*

s.73 irrelevant information

Has the animal been identified?

☒ Yes ☐ No

How?

Animals have been identified by the applicant.

What *Nature Conservation Act 1992* classification is this species?

☒ Least concern

☐ EVNT (endangered, vulnerable or near threatened). If EVNT, is it consistent with the conservation plan?

Describe:

**Section  
182  
Delegate  
Comments:**

**Complete sections 4-8 only if DMP application relates to section 185 of the Wildlife Management Regulation: damage or loss caused, or likely to be caused, by a protected animal**

**4. Legislative requirement: Section 185(1)(a) of the Wildlife Management Regulation**

*Section 185(1)(a):*

*(a) the animal is causing, or may cause, damage.*

What damage or loss, current or potential, is being experienced?

Describe:

List of  
Evidence:

Provide image if appropriate (insert file or cut and paste) :

**Section  
185(1)(a)**  
  
**Delegate  
Comments**

**5. Legislative requirement: Section 185(1)(b) of the Wildlife Management Regulation**

*Section 185(1)(b):*

*(b) the landholder of the land on which the animal is causing, or may cause, damage has made a reasonable attempt to prevent or minimise the damage and the action taken has not prevented or minimised the damage;*

What reasonable attempt has the landholder taken to prevent or minimise damage:

Describe:

List of  
Evidence:

Provide image if available/appropriate (insert file or cut and paste) :

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Have the attempts been successful/ unsuccessful? What were the outcomes?

Comments:

**Section  
185(1) (b)**

**Delegate  
Comments:**

**6. Legislative requirement: Section 185(1)(c) of the Wildlife Management Regulation**

*Section 185(1)(c):*

(c) *if the damage is not prevented or controlled-*

- i. individuals may suffer significant economic loss; or*
- ii. the ecological sustainability of nature is likely to be harmed*

Has the applicant identified:

(a) Economic loss

☐ Yes ☐ No

Detail the significant economic loss of the landholder (include some information regarding why the loss is deemed significant):

Comments:

OR;

(b) Likelihood of harm

☐ Yes ☐ No

Detail the likelihood of harm to the ecological sustainability of nature:

Comments:

List of  
Evidence:

Provide image if appropriate (insert file or cut and paste) :

**Section  
185(1)(c)**

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**Delegate  
Comments:**

**7. Legislative requirement: Section 185(1)(d) of the Wildlife Management Regulation**

*Section 185(1)(d):*

(d) *action under the permit will not adversely affect the survival of the animal in the wild*

How many animals are being requested?

**Comments:**

Is this amount likely to adversely affect the survival of the species in the wild?

☐

Yes

☐

No

Why?

**Comments:**

For harvest macropods only:

Will the requested amount cause the permissible quota to exceed the 2% of the estimated species population?  
(Numbers, date and region to be changed with each new application)

☐

Yes

☐

No

Quota used as

at

State

Usage to date

State quota allocated  
for Combined Zones

*insert assessment date*

08134

s.73 irrelevant information

**Comments:**

Is the applicant aware of their obligations to accurately record and report any animals taken under the permit, and to submit these details to EHP every three months (within 10 business days)?

☐

Yes

☐

No

Comments:

**Section  
185(1)(d)**

**Delegate  
Comments:**

**8. Legislative requirement: Section 185(1)(e) of the Wildlife Management Regulation**

*Section 185(1)(e):*

(e) *the proposed way of taking the animal is humane and not likely to cause unnecessary suffering to the animal*

What is the proposed mitigation method?

Comments:

How will the applicant ensure that the proposed mitigation method is humane? (Consideration should be given to the capability and methods of the operator who will be carrying out the take).

Comments:

If the proposed method is not humane, what changes to the mitigation method are required to ensure the take would be humane?

Comments:

If the mitigation method cannot be amended to ensure humaneness, a DMP cannot be issued.

**Section  
185 (1)(e)**

**Delegate**

Comments:

**Complete sections 9-12 only if DMP application relates to section 186 of the Wildlife Management Regulation: risk/potential risk to a person's health and wellbeing by a protected animal**

**9. Legislative requirement: Section 186(a) of the Wildlife Management Regulation**

Section 186(a):

- (a) *there is, or may be, a threat to a person's health and wellbeing resulting from harm caused by the animal to the person*

What threat or potential threat is there to human health and wellbeing?

Comments:

Applicant states: A single aircraft damage incident may result in loss of life and hundreds of thousands of dollars damage

List of  
Evidence:

None provided.

Provide Image if appropriate (insert file or cut and paste) :

**Section  
186(a)**

**Delegate  
Comments:**

**10. Legislative requirement: Section 186(b) of the Wildlife Management Regulation**

*Section 186(b):*

*(b) action under the permit will not detrimentally affect the survival of the animal in the wild*

How many animals are being requested?

Comments:

s.73 irrelevant information

agile wallaby, *Macropus agilis* - 30

s.73 irrelevant information

Is this amount likely to adversely affect the survival of the species in the wild? ☐ Yes ☒ No

Why?

Comments: All species listed are of Least Concern and numbers requested are minimal.

Is the landholder aware of their obligations to accurately record and report any animals taken under the permit, and to submit these details to EHP every three months (within 10 business days)? ☒ Yes ☐ No

Comments: Emailed applicant on 26/10/17 explaining their reporting and return obligations. Applicant phoned on 27/10/17 and explained these obligations and how to report.

**Section  
186(b)**

**Delegate  
Comments:**

**11. Legislative requirement: Section 186(c) of the Wildlife Management Regulation**

*Section 186(c):*

- (c) *the proposed way of taking the animal is humane and not likely to cause unnecessary suffering to the animal*

What is the proposed mitigation method?

Comments: Shooting

Applicant states previous methods included noise application (car horns, buzzing the strip with cars and aircraft on aborted landing approach) and movement with minimal success. It is now proposed that killing by shooting needs to occur to reduce the threat.

How will the applicant ensure that the proposed mitigation method is humane? (Consideration should be given to the capability and methods of the operator who will be carrying out the take).

Comments: Email sent to applicant on 26/10/17 with the shooting code of conduct attached and conditions of the permit.

If the proposed method is not humane, what changes to the mitigation method are required to ensure the take would be humane?

Comments:

If the mitigation method cannot be amended to ensure humaneness, a DMP cannot be issued.

**Section  
186(c)**

**Delegate  
Comments:**

**12. Legislative requirement: Section 186(d) of the Wildlife Management Regulation**

*Section 186(d):*

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(d) *if the animal is a protected reptile—*

*i. the reptile will be released into the wild; or*

*ii. a conservation plan for the reptile authorises the holder of a damage mitigation permit to keep the reptile under the permit or otherwise*

Is the DMP for a reptile?

☐

Yes

☒

No

If Yes, this type of DMP cannot be issued.

**Section**

**186(d)**

**Delegate**

**Comments:**

|  |
|--|
|  |
|--|

- 13. Legislative requirement: Section 26 of the Nature Conservation (Administration) Regulation 2017 – Considerations to be taken into account by the delegate**

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| <b>Section 25 considerations<br/>(to be completed by assessing officer)</b>                                                                                                                                                                                                                                                                                                                                                                                                                               | <b>Consideration given<br/>(delegate's use only)</b> |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------|
| <p>(a) <i>The impact the activities that may be carried out under the DMP may have on the conservation of this or other native wildlife;</i></p> <ul style="list-style-type: none"> <li><i>Is this proposed activity likely to affect other species?</i></li> </ul> <p>No</p>                                                                                                                                                                                                                             | <input type="checkbox"/>                             |
| <p>(b) <i>The effect the grant of the authority will have on the fair and equitable access to nature, having regard to, in particular, the ecologically sustainable use of wildlife;</i></p> <ul style="list-style-type: none"> <li><i>Will the issue of this permit reduce an existing ecologically sustainable use of wildlife?</i></li> </ul> <p>No</p> <ul style="list-style-type: none"> <li><i>Will the issue of this permit reduce the general public's access to nature?</i></li> </ul> <p>No</p> | <input type="checkbox"/>                             |
| <p>(c) <i>Any contribution the applicant proposes to make to the conservation of nature;</i></p> <ul style="list-style-type: none"> <li><i>Is the applicant proposing to undertake conservation works that will alleviate impacts on the species?</i></li> </ul> <p>No</p>                                                                                                                                                                                                                                | <input type="checkbox"/>                             |
| <p>(d) <i>Any relevant Australian or international code, instrument, protocol or standard or any relevant intergovernmental agreement;</i></p> <ul style="list-style-type: none"> <li><i>Has there been a search for documents and instruments relating to the species?</i></li> </ul> <p>Yes</p>                                                                                                                                                                                                         | <input type="checkbox"/>                             |
| <p>(e) <i>The precautionary principle;</i></p> <ul style="list-style-type: none"> <li><i>Is there any gap in our understanding of impact on the species that should preclude issuing the permit?</i></li> </ul> <p>No</p>                                                                                                                                                                                                                                                                                 | <input type="checkbox"/>                             |
| <p>(f) <i>Public health and safety;</i></p> <ul style="list-style-type: none"> <li><i>Is there a public health and safety risk from the activities in the permit that has not been addressed?</i></li> </ul> <p>No</p>                                                                                                                                                                                                                                                                                    | <input type="checkbox"/>                             |
| <p>(g) <i>The public interest;</i></p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | <input type="checkbox"/>                             |

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|                                                                                                                                                                                                                                                                                                       |                          |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|
| <ul style="list-style-type: none"> <li>Is the issue of the permit in the public interest?</li> </ul> <p>Yes</p>                                                                                                                                                                                       |                          |
| <p>(h) Whether the applicant is a suitable person to hold the authority, having regard to the matters mentioned in schedule 2 of the Administration Regulation;</p> <ul style="list-style-type: none"> <li>Does the applicant have a conviction relating to the permit activity?</li> </ul> <p>No</p> | <input type="checkbox"/> |
| <p>(k) Any recovery plan for wildlife to which the authority applies.</p> <ul style="list-style-type: none"> <li>Has a search been carried out for a recovery plan for the species?</li> </ul> <p>Yes</p>                                                                                             | <input type="checkbox"/> |

**14. Other considerations prior to issuing the permit:**

Has the applicant held this type of permit before?

☐ Yes ☒ No

If yes, has the applicant submitted the 'return of operations'?

☐ Yes ☐ No

(A return of operation is due for each 3 month period during the life of the permit)

If no, permit not to be issued until returns are submitted.

Has a field assessment been completed? (attach copy)

☐ Yes ☒ No

Comments:

Has the applicant specified start and completion dates?

☒ Yes ☐ No

Comments:

1/11/17 to 1/11/18

What is the length of the permit term?

Is this application for a 12 month 'culling and dispersal' DMP?

☒ Yes ☐ No

Is this application for a 3 year 'culling and dispersal' DMP and is accompanied by a Property Management Plan?

☐ Yes ☒ No

Provide comment if not issued for either full term as listed above:

Comments:

**15. Ecotrack conditions**

**a) Standard conditions – lethal take activity**

Check the following conditions are added to the permit:

**Ecotrack standard condition (ESC)**

☒ WI Important notes:

A Return of operations form must be sent to EHP within 10 business days after the end of the permit, and you must keep a copy for your records. If the return of operations on the approved form is not submitted a penalty may be given. The approved form should be downloaded via the following EHP website link: [http://www.ehp.qld.gov.au/licences-permits/plants-animals/return\\_of\\_operations.html](http://www.ehp.qld.gov.au/licences-permits/plants-animals/return_of_operations.html)

**Ecotrack standard conditions –permits issued under a Property Management Plan**

☐ This permit must be in conjunction with and in adherence with the approved Property Management Plan (PMP).

**16. Recommendation and comment regarding grant of permit:**

Supported ☒ Not supported ☐

Name: Lisa Owen

Position: Wildlife Officer

Date: 27/10/17

Comments: Applicant has not held this permit previously so explained reporting obligations and shooting conditions.  
All species are listed as Least Concern and minimal numbers have been requested.  
Location is a commercial airport so risk is significant.

**17. Senior conservation officer endorsement: (where applicable)**

Supported ☐ Not supported ☐

Name:

Position:

Date:

Comments:

**18. Manager/delegate approval:**

Supported ☐      Not supported ☐

Name:

Position:

Date:

Comments:

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EHP policy standards and legislative requirements are detailed within:

*Nature Conservation Act 1992*

*Nature Conservation (Wildlife) Regulation 2006*

*Nature Conservation (Wildlife Management) Regulation 2006*

*Nature Conservation (Administration) Regulation 2017*

# Application form

## Section 12(a) – Nature Conservation (Administration) Regulation 2006

### Damage mitigation permit (culling or disturbance of or interference with wildlife)

#### Important information for applicants

Applications can be made using the Department's digital platform for online services and transactions. In most instances, online licences are granted straight away. Visit [www.ehp.qld.gov.au/connect](http://www.ehp.qld.gov.au/connect) for more information

This form is to be used to apply for a damage mitigation permit for the purpose of the culling of wildlife, or the disturbance of or interference with wildlife for the purpose of dispersing wildlife (**note: a separate application form is required for lethal take of flying-foxes damaging crops**). A damage mitigation permit may be granted for a maximum period of twelve months, unless operating under an approved property management plan (PMP), in which case it may be granted for a maximum period of three years. If you wish to apply for a PMP in order to seek a damage mitigation permit for up to three years, please contact the Department of Environment and Heritage Protection (EHP) Customer Service Team on the phone number below for the appropriate PMP template form to accompany this application. Before lodging this application you should be familiar with the relevant sections of the *Nature Conservation Act 1992* and regulations, available from the Office of the Queensland Parliamentary Counsel website <http://www.legislation.qld.gov.au>.

Your application must be assessed and a permit granted by the chief executive before you can proceed with the proposed activity. Your application may take up to 40 business days to process. A comprehensive and detailed application will assist EHP in making a prompt decision. If your application does not include all required information, EHP will notify you.

The permit holder must ensure they are in compliance with all relevant legislation, including the *Weapons Act 1990*. If you have queries about how to complete this form correctly or need guidance contact the Department of Environment and Heritage Protection (EHP) Customer Service Team on **1300 130 372**.

#### Terms and Conditions

**Permits, licences and authorities** Queensland's native wildlife is protected by legislation that aims to conserve biodiversity by protecting native plants and animals and their habitat. All native birds, reptiles, mammals and amphibians are protected, along with some invertebrates (certain butterflies, spiders and scorpions), freshwater fish and the grey nurse shark. Other aquatic species are protected by the Department of Agriculture and Fisheries, the Great Barrier Reef Marine Park Authority and the Australian Government. A licensing system helps us protect native wildlife species. By regulating the sustainable taking, keeping, using or moving of wildlife for commercial, recreational or other purposes we contribute to the maintenance of viable wild populations of plants and animals. The type of approval(s) you will need depends upon a number of things, including:

- The nature and purpose of your proposed activity
- The tenure of the area in which you intend to undertake your activity and
- The species of wildlife concerned



**Damage mitigation permit (culling or disturbance of or interference with wildlife)**

To apply for permits:

- within the protected area estate (except nature refuges and special wildlife reserve) as defined in the *Nature Conservation Act 1992* (e.g. national park, national park [Aboriginal land], national park [Torres Strait Island land] etc); or
- within a marine park under the *Marine Parks Act 2004*; or
- within State forest estate under the *Forestry Act 1959* (e.g. state forests and timber reserves)

please contact the Department of National Parks, Sport and Racing

Note: Corporations must have an office in Queensland to be eligible to apply for a wildlife authority.

The *Nature Conservation Act 1992* and the subordinate Nature Conservation Regulations may be found on-line on the Office of Queensland Parliamentary Counsel website.

**Privacy statement for wildlife permits**

Information you provide assists the Department of Environment and Heritage Protection (EHP) to administer wildlife licences, permits and authorities granted under the Nature Conservation (Wildlife Management) Regulation 2006.

Some information may be provided to the Departments of National Parks, Sport and Racing; Agriculture and Fisheries; Science, Information Technology and Innovation; Health; Queensland Police Service or the Australian Defence Force in order investigate biosecurity or health issues or allegations of unlawful activity, if required.

Some information, where relevant, may also be sent to non-government organisations such as the RSPCA Qld and the Queensland Wildlife Rehabilitation Council for the purpose of improving standards of native animal care.

Information regarding your status as a holder of a permit may be provided to any party upon request. Your personal information will not be disclosed to any other parties without your consent unless authorised or required by law.

More information on our commitment to privacy is available on our website. Should you have a general question on the Department and its obligations under the *Information Privacy Act 2009* please email [privacy@ehp.qld.gov.au](mailto:privacy@ehp.qld.gov.au) or for specific questions concerning privacy information and wildlife activities please email: [wildlife.management@ehp.qld.gov.au](mailto:wildlife.management@ehp.qld.gov.au)

**1. You may only lodge this application if you have accepted the above terms and conditions**

☒ I accept the above terms and conditions.

**2. All questions must be answered for the application to be processed. If you do not complete all questions, sign and date the application form, your application will be returned to you as an invalid application.**

Application form

Damage mitigation permit (culling or disturbance of or interference with wildlife)

### 3. Applicant information

A wildlife authority may only be granted to an individual or corporation (only if the corporation has an office within Queensland). Please tick the appropriate box:

- ☐ **AN INDIVIDUAL** → Complete Section 4 applicant details — then complete sections 6 to 20.
- ☒ **AN ORGANISATION** → Complete Section 5 applicant details — then complete sections 6 to 20.

### 4. Applicant details for an individual

| TITLE                                                                                                                                                                                           | *FIRST NAME | MIDDLE NAME | *SURNAME | * DATE OF BIRTH |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|-------------|----------|-----------------|
| <input type="checkbox"/> Mr<br><input type="checkbox"/> Mrs<br><input type="checkbox"/> Ms<br><input type="checkbox"/> Miss<br><input type="checkbox"/> Doctor<br><input type="checkbox"/> Prof |             |             |          |                 |

### 5. Applicant details for an organisation

Organisation type –

- ☒ Company    ☐ Australian registered (foreign) body    ☐ Incorporated association  
☐ Co-operative    ☐ Government    ☐ Non for profit organisation

|                             |                             |
|-----------------------------|-----------------------------|
| *AUSTRALIAN BUSINESS NUMBER | * BUSINESS NAME             |
| 153 680 374                 | s.73 irrelevant information |
| CEO                         | ABN                         |
| s.73 irrelevant information | 90899545433                 |

### 6. Applicant registered / residential address

|                                                              |                |                       |             |
|--------------------------------------------------------------|----------------|-----------------------|-------------|
| * RESIDENTIAL ADDRESS (NOT A POST OFFICE BOX)                | * SUBURB       | * STATE               | * POST CODE |
| s.73 Blue Mountain Drive                                     | Bluewater Park | Qld                   | 4818        |
| (WRITE 'AS ABOVE' IF SAME AS REGISTERED/RESIDENTIAL ADDRESS) |                |                       |             |
| POSTAL ADDRESS                                               | SUBURB         | STATE                 | POST CODE   |
| s.73 irrelevant                                              | s.73 irrelev   | s.73 irrelevant infor |             |

Application form

**Damage mitigation permit (culling or disturbance of or interference with wildlife)**

**7. Applicant contact details – email or phone contact is mandatory.**

|                                                                                                                                                                                |                                                                                                                                                                     |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| EMAIL ADDRESS <span style="border: 1px solid black; padding: 2px;">s.73 irrelevant information</span>                                                                          |                                                                                                                                                                     |
| TICK THIS BOX IF YOU DO NOT CONSENT TO RECEIVING DEPARTMENTAL CORRESPONDENCE BY EMAIL <input type="checkbox"/>                                                                 |                                                                                                                                                                     |
| PHONE TYPE<br><input type="checkbox"/> Home phone <input type="checkbox"/> Office phone<br><input checked="" type="checkbox"/> Mobile phone <input type="checkbox"/> Facsimile | AREA CODE    PHONE NUMBER (NOTE: 10 DIGITS INCLUDING AREA CODE)<br><div style="border: 1px solid black; padding: 2px; display: inline-block;">s.73 irrelevant</div> |

**8. Permit activity**

- ☐ Culling to prevent damage or loss
- ☐ Lethal take of protected animals (non flying-fox). Use this application type if you identify that culling may be necessary to minimise damage or loss of property. Permit holders may be required to comply with a code of practice that specifies appropriate and humane methods of taking protected animals.
- ☒ Culling to protect human health or well-being
- ☒ Lethal take of protected animals (non flying-fox) - Use this application type if you identify that culling may be necessary to protect human health or wellbeing. You may also be required to comply with a code of practice that specifies appropriate and humane methods of taking protected animals.
- ☒ Disturb or interfere with protected animals - Use this application type if you wish to stop or prevent damage or remove a human health risk caused by wildlife.

**9. Have you an approved property management plan (PMP)**

- ☐ Yes If answering yes - permit holders are required to produce a Property Management Plan for non-lethal methods.
- ☒ No

**10. Location of the activity**

**Where will the activities be conducted? When completing this application, please attach sufficient supporting information to identify exactly where activities will take place.**

(If you require more than one location, attach a separate sheet listing locations.)

|                                                                                         |          |         |             |
|-----------------------------------------------------------------------------------------|----------|---------|-------------|
| * PHYSICAL STREET ADDRESS (WRITE "AS ABOVE" IF SAME AS RESIDENTIAL /REGISTERED ADDRESS) | * SUBURB | * STATE | * POST CODE |
| as above                                                                                |          | *       |             |

**OR**

|           |          |
|-----------|----------|
| * LOT# AS | * PLAN#  |
| 15        | SP151988 |

## Damage mitigation permit (culling or disturbance of or interference with wildlife)

**11. Wildlife details**

(If you require more space, attach a separate sheet of wildlife details)

| COMMON NAME                 | SCIENTIFIC NAME | NUMBER |
|-----------------------------|-----------------|--------|
| s.73 irrelevant information |                 |        |
| Agile Wallaby               | Macropus agilis | 30     |
| s.73 irrelevant information |                 |        |
|                             |                 |        |

**12. Damage mitigation details**

**You must be able to demonstrate that you have tried a combination of at least two non-lethal methods before a lethal damage mitigation permit application will be considered.**

What is your reason for applying for this permit? (Examples include damage to pastures, grains, crops, threat to human health and well-being.)

The site is a commercial airport able to land large military and civilian aircraft. Animals, including birds, must be culled (using firearms) and disturbed in order to prevent a threat to human health and well-being by way of prevention of aircraft collision. This includes damage to aircraft.

Outline the monetary loss experienced:

A single aircraft damage incident may result in hundreds of thousands of dollars and loss of life.

What previous damage mitigation method(s) have you tried (if any) and was this successful?

Damage mitigation permit (culling or disturbance of or interference with wildlife)

NOISE APPLICATION (CAR HORNS, BUZZING THE STRIP WITH CARS AND AIRCRAFT ON ABORTED LANDING APPROACH) AND MOVEMENT WITH MINIMAL SUCCESS. It is now proposed that killing by shooting needs to occur to reduce the threat.

### 13. Start and completion dates

Please enter the proposed start and completion dates for the project

|            |             |
|------------|-------------|
| START DATE | FINISH DATE |
| 1/11/2017  | ONGOING     |

### 14. Provide the name(s) of the person(s) operating under this permit

Question 14 is only to be completed if permit activity is for culling to prevent damage or loss or culling to protect human health or well-being.

Complete this section if person(s) other than the applicant will be operating under this permit. Use an attachment if insufficient space.

|             |            |
|-------------|------------|
| FAMILY NAME | GIVEN NAME |
| FAMILY NAME | GIVEN NAME |
| FAMILY NAME | GIVEN NAME |
| FAMILY NAME | GIVEN NAME |
| FAMILY NAME | GIVEN NAME |

### 15. Application questions

| QUESTIONS                                                                                                                                                                                                                                                                     | DETAILS                                                                |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------|
| 1. During the past 10 years have you ever (in Queensland or elsewhere) been found guilty of any criminal offence or entered a plea of guilty in a Court? (Note: does not include simple traffic offences such as parking, speeding) If yes, provide details of the offence/s. | <input type="checkbox"/> Yes<br><input checked="" type="checkbox"/> No |
| 2. Have you ever had an equivalent permit from another State or country that was suspended and/or cancelled? If yes, provide details about the permit, the date it was suspended                                                                                              | <input type="checkbox"/> Yes<br><input checked="" type="checkbox"/> No |

## Damage mitigation permit (culling or disturbance of or interference with wildlife)

and/or cancelled and reasons for suspension/cancellation.

**16. Person in Charge**

Details of the person nominated to be in charge of the place(s) where the authorised activity is to be undertaken.

Nominate Person in Charge\*

☒ Same as applicant

☐ Alternate person in charge

**Person in Charge Identity Details**

| TITLE                       | *FIRST NAME | MIDDLE NAME | *SURNAME | *DATE OF BIRTH  |
|-----------------------------|-------------|-------------|----------|-----------------|
| s.73 irrelevant information |             |             |          | sch4p4( 6) Pers |

**Person in Charge Registered / residential address**

| * RESIDENTIAL ADDRESS (NOT A POST OFFICE BOX)                | * SUBURB | * STATE | * POST CODE |
|--------------------------------------------------------------|----------|---------|-------------|
| s.73 irrelevant information                                  |          |         |             |
| (WRITE 'AS ABOVE' IF SAME AS REGISTERED RESIDENTIAL ADDRESS) |          |         |             |
| POSTAL ADDRESS                                               | SUBURB   | STATE   | POST CODE   |
| s.73 irrelevant information                                  |          |         |             |

**Person in Charge contact details – email and phone contact is mandatory.**

|                                                                                                                                                                  |                             |                                                     |  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|-----------------------------------------------------|--|
| EMAIL ADDRESS                                                                                                                                                    | s.73 irrelevant information |                                                     |  |
| TICK THIS BOX IF YOU DO NOT CONSENT TO RECEIVING DEPARTMENTAL CORRESPONDENCE BY EMAIL <input type="checkbox"/>                                                   |                             |                                                     |  |
| PHONE TYPE                                                                                                                                                       | AREA CODE                   | PHONE NUMBER: NOTE: 10 DIGITS (INCLUDING AREA CODE) |  |
| <input type="checkbox"/> Home phone <input type="checkbox"/> Office phone<br><input checked="" type="checkbox"/> Mobile phone <input type="checkbox"/> Facsimile |                             | s.73 irreleva                                       |  |

**17. Application Contact Details**

An alternative contact nominated by the legal entity which has submitted, or will in future submit, applications to be assessed by the department. All departmental correspondence relating to the assessment of applications will be directed to the application contact, however, if the application results in the issuing of a relevant authority, the relevant authority will be sent to the customer contact or if nominated, the primary contact.

| *NAME OR POSITION           | *PRIMARY PHONE: NOTE: 10 DIGITS (INCLUDING AREA CODE) | EMAIL ADDRESS | SECONDARY PHONE |
|-----------------------------|-------------------------------------------------------|---------------|-----------------|
| s.73 irrelevant information |                                                       |               |                 |

## Damage mitigation permit (culling or disturbance of or interference with wildlife)

## 18. Applicant's signature

|                                                          |                    |
|----------------------------------------------------------|--------------------|
| APPLICANT'S NAME<br>s.73 irrelevant information          |                    |
| APPLICANT'S SIGNATURE<br>sch4p4( 6) Personal information | DATE<br>10/10/2017 |

## 19. Applicant checklist

- ☒ All questions on application form completed, signed and dated.
- ☒ Supporting information and accreditation attached (if applicable)

Please return your completed application kit to:

**Customer Service Team**  
**Department of Environment and Heritage Protection**  
GPO Box 2454  
Brisbane  
Queensland 4001

Enquiries: 1300 130 372 option 4

Facsimile: (07) 3330 5875

Email: [palm@ehp.qld.gov.au](mailto:palm@ehp.qld.gov.au)

Code of Practice or guidelines and Information sheet – Wildlife authorities and privacy may be obtained from the EHP website <http://www.ehp.qld.gov.au/licences-permits/plants-animals> or by contacting the EHP Customer Service Unit on 1300 130 372.

# Notice of Decision

## Section 12(a) of Nature Conservation (Administration) Regulation 2017

*This notice is issued by the administering authority to advise of a statutory decision on a permit application*

To:



Our reference: APP0006964

Dear Sir/Madam

Re: Decision made in relation to your application

Your application received on 26 October 2017 has been assessed and the decision in regards to your application is specified below:

| Permit applied for                                                                                                                                      | Permit number | Decision |
|---------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|----------|
| Damage Mitigation Permit, Culling to protect human health or well-being, Lethal take of protected animals (non flying-fox), No property management plan | WA0002467     | GRANTED  |

Your application for a permit has been granted, the conditions of approval are attached.

Your permit reference is WA0002467.

Please note that for the approval, this Notice of Decision and the relevant attachments constitute the permit documentation. Please retain this approval documentation for your records.

Included with this notice is advice on review and appeal processes that may be available to you. Should you seek a review or appeal, you are advised to seek independent advice before taking such action.

Should you have any queries in relation to this notice, please refer to the contact details below.

Brent Smith  
Department of Environment and Heritage Protection  
Delegate of the administering authority  
Nature Conservation Act 1992

Enquiries:  
Wildlife Assessment Team  
Email: [wildlife@ehp.qld.gov.au](mailto:wildlife@ehp.qld.gov.au)  
Postal Address: PO Box 102, Toowoomba, QLD, 4350

**Date granted: 30 October 2017**

Attachments:

Permit:

Information notice: Statutory decision on a permit application under the Nature Conservation (Administration) Regulation 2017

# Permit

Section 12(a) of Nature Conservation (Administration) Regulation 2017

## Damage Mitigation Permit

This wildlife authority is issued under the following legislation: Nature Conservation (Administration) Regulation 2017 Part 2 Division 1.

**Permit number:** WA0002467

**Valid from:** 30 October 2017 to 29 October 2018

**Activity:** Culling to protect human health or well-being - Lethal take of protected animals (non flying-fox)

| Role                                        | Name                        | Registered address                                               |
|---------------------------------------------|-----------------------------|------------------------------------------------------------------|
| <b>Principal Holder:</b>                    | s.73 irrelevant information | s.73 Blue Mountain Dr<br>BLUEWATER PARK<br>QLD 4818<br>Australia |
| <b>Person In Charge:</b>                    | s.73 irrelevant inform      | s.73 irrelevant information                                      |
| <b>Business name:</b>                       |                             | <b>ABN/ACN</b> / 153680374                                       |
| <b>Activity location//licensed premises</b> | LOT 15/sp151988             |                                                                  |

### Schedule

| Species details                | Category | Quantity | Unit |
|--------------------------------|----------|----------|------|
| s.73 irrelevant information    | Live     | 20       |      |
|                                |          |          |      |
|                                |          |          |      |
|                                |          |          |      |
|                                |          |          |      |
|                                |          |          |      |
| agile wallaby, Macropus agilis | Live     | 30       |      |
| s.73 irrelevant information    |          |          |      |

# Permit

Damage Mitigation Permit

|                             |  |  |
|-----------------------------|--|--|
| s.73 irrelevant information |  |  |
|-----------------------------|--|--|

Brent Smith  
Department of Environment and Heritage Protection  
Delegate of the administering authority  
Nature Conservation Act 1992

**Date issued: 30 October 2017**

**Enquiries:**  
Wildlife Assessment Team  
Email: [wildlife@ehp.qld.gov.au](mailto:wildlife@ehp.qld.gov.au)  
Postal Address: PO Box 102, Toowoomba, QLD, 4350



## Legislative Requirements and Conditions of Wildlife Authority

### Nature Conservation

- DMLR01 A return of operations is required to be sent to EHP either on the approved form or entered directly into Connect, if this is not submitted a penalty may be given.  
The required details must be provided:
- within 10 business days after each 3 month period after the permit has been granted, and
  - upon expiry.
- You must keep a copy for your records, see [www.ehp.qld.gov.au](http://www.ehp.qld.gov.au)  
This requirement may be found in section 188 of the Nature Conservation (Wildlife Management) Regulation 2006
- DMLR03 Activities carried out under this authority, unless otherwise authorised, apply to non-protected areas only.  
This requirement may be found in section 12 of the Nature Conservation (Administration) Regulation 2006

### Condition

#### Nature Conservation

- DMM13 Accurate records of animals shot under this permit must be recorded in the return of operations form. These must be made at the end of each day/night that the animals are taken.
- DMM14 Lethal take of wildlife is by shooting only. Shooters are to ensure the combination of firearm, projectile distance to target and point of aim must result in the instantaneous death of the target animal. If death is not instantaneous, shooters must make every effort to locate wounded or orphaned animals to quickly and humanely cause immediate death.
- DMM22 Macropods must be taken by centrefire rifle in a way specified in the National Code of Practice for the Humane Shooting of Kangaroos and Wallabies for Non-Commercial Purposes, endorsed by the Natural Resource Management Ministerial Council.

# Information Sheet

This information sheet is issued by the Department of Environment and Heritage Protection to advise of a statutory decision on a permit application under the *Nature Conservation Act 1992 (the Act)*.

When assessing an application for a license, permit or other authority, the chief executive must have regard to the following matters under the following laws:

## Section 26(1) of the Nature Conservation (Administration) Regulation 2017<sup>1</sup>

- a) the impact the activities that may be carried out under the authority may have on the conservation of the cultural or natural resources of a protected area or native wildlife;
- b) the effect the grant of the authority will have on the fair and equitable access to nature, having regard to, in particular, the ecologically sustainable use of protected areas or wildlife;
- c) any contribution the applicant proposes to make to the conservation of nature;
- d) any relevant Australian or international code, instrument, protocol or standard or any relevant intergovernmental agreement;
- e) the precautionary principle;
- f) public health and safety;
- g) the public interest;
- h) for an application for a relevant authority other than a camping permit—whether the applicant is a suitable person to hold the authority, having regard to the matters mentioned in schedule 2;
- i) for an application for a relevant authority for a national park (Cape York Peninsula Aboriginal land)—the indigenous management agreement for the protected area;
- j) any recovery plan for wildlife to which the authority applies;
- k) any other matter stated in a management instrument as a matter the chief executive must have regard to when considering an application for the authority.

## Section 26(2) of the Nature Conservation (Administration) Regulation 2017<sup>1</sup>

Without limiting subsection (1), the chief executive may have regard to anything else the chief executive considers appropriate to achieve the object of the Act.

## Section 33 of the Nature Conservation (Administration) Regulation 2017<sup>1</sup>

The chief executive cannot –

- a) grant a protected area authority to a person if the Protected Areas Management Regulation states the chief executive can not grant the authority to the person or to any person; or
- b) grant a wildlife authority to a person if the Wildlife Management Regulation or a conservation plan states the chief executive can not grant the authority to the person or to any person

<sup>1</sup> Matters relating to Protected Areas (excluding Nature Refuges) under the Nature Conservation Act 1992 are the responsibility of the Department of National Parks, Sport and Racing.

**This notice is issued by the Department of Environment and Heritage Protection to advise of a statutory decision on a permit application under the *Nature Conservation Act 1992 (the Act)*.**

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Note – See also section 137 of the Act.

Section 137 of the *Nature Conservation Act 1992*

(2) A licence, permit or other authority issued or given under a regulation to—

- (a) take, use or keep protected wildlife; or
- (b) abandon, release, keep, use or introduce international or prohibited wildlife;

must be consistent with—

- (c) the management principles for the wildlife; and
- (d) the declared management intent, or conservation plan, applicable to the wildlife.

In assessing your application, consideration has been given to each of the relevant matters listed above, and consequently some conditions have been imposed on your permit. Please take the time to familiarise yourself with these requirements. Should you have any questions regarding any of these conditions please contact the Department of Environment and Heritage Protection using the contact details provided under the Enquiries heading on your licence, permit or other authority.

Part 4 of the Nature Conservation (Administration) Regulation 2017 provides for internal and external reviews, should you be dissatisfied with any reviewable decision. In summary these include:

- If you wish to apply for an internal review of the decision an application must be made in writing within 20 business days after being given this notice.
- The application must be supported by sufficient information to decide the application.
- The application for internal review does not stay the decision made. However you may apply to the Queensland Civil and Administrative Tribunal (QCAT) for a stay of the decision.
- The Department of Environment and Heritage Protection must review the decision within 28 days of receiving the application and provide you with a decision within 14 days of making the review decision.
- If you are dissatisfied with the internal review decision then you are able to file an application for an external review in the registry of the QCAT within 28 days of receiving the internal review notice.
- For further information you are directed to Part 4: Internal and External Reviews, of the Nature Conservation (Administration) Regulation 2017 and the *Queensland Civil and Administrative Tribunal Act 2009* which can both be found at [www.legislation.qld.gov.au/OQPChome.htm](http://www.legislation.qld.gov.au/OQPChome.htm)

Also please note:

Should it be determined at some future date by any Court or Tribunal that Native Title exists over the subject land or waters, this permit may be terminated and the holder (or any subsequent holder) may be required to remove any works established under this permit at the permit holder's (or any subsequent permit holder's) own cost, expense and risk. In that event, no compensation for works, development costs or loss of income shall be payable to the permit holder (or any subsequent permit holder) by the State of Queensland.

**From:** OWEN Lisa  
**Sent:** Thursday, 26 October 2017 3:40 PM  
**To:** s.73 irrelevant information  
**Subject:** FW: Request for more information for your DMP application  
**Attachments:** National Code of Practice for the Humane Shooting of Kangaroos and Walla....pdf



Hi s.73 irrelevant

I tried to send this to your address but it bounced back. Please see below.

Kind Regards,

**Lisa Owen**  
Wildlife Officer (Wildlife Assessments)  
Wildlife Assessment, Strategic Compliance and Southern Operations  
Conservation and Biodiversity Operations Branch

Department of Environment and Heritage Protection

P 07 3330 5537  
400 George St, Brisbane QLD 4000  
GPO Box 2454, Brisbane Q 4001



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**From:** OWEN Lisa  
**Sent:** Thursday, 26 October 2017 2:14 PM  
**To:** s.73 irrelevant information  
**Subject:** Request for more information for your DMP application

Hi s.73 irrelev

I am the Wildlife Officer who is currently processing your request for a Damage Mitigation Permit (Application reference: APP0006964). I just have a few things I need to clarify before I can process it further.

1. Have you held this type of permit previously?
2. If so, have you submitted your 'return of operations'?

I noticed in your application you have the activity start and completion dates as 1/11/17 to ongoing. In case no one has spoken to you yet, we only issue permits of up to 1 year without an approved Property Management Plan (which is then only issued for 3 years). We understand the activity will be ongoing, however you will have to reapply for the permit every year or if you reach the quotas requested in your permit before the expiry date, you may cancel your permit and reapply early. So I am processing your permit for a one year period from date of approval.

In case you haven't held this type of permit before I will just provide a reminder of some of the return obligations and conditions that we normally place on these type of permits:

1. Accurate records of animals shot under this permit must be recorded in the 'Return of Operations' form. These must be made at the end of each day/night that the animals are taken.
2. A 'Return of Operations' is required to be sent to EHP either on the approved form or entered directly into Connect (<https://www.ehp.qld.gov.au/connect/>), if this is not submitted a penalty may be given. The required details must be provided:
  - Within 10 business days after each 3 month period after the permit has been granted, and



- Upon expiry.

You must keep a copy for your records, see [www.ehp.qld.gov.au](http://www.ehp.qld.gov.au)

This requirement may be found in section 188 of the Nature Conservation (Wildlife Management) Regulation 2006.

3. Lethal take of wildlife is by shooting only. Shooters are to ensure the combination of firearm, projectile distance to target and point of aim must result in the instantaneous death of the target animal. If death is not instantaneous, shooters must make every effort to locate wounded or orphaned animals to quickly and humanely cause immediate death.

Once I clarify these few things with you I'll be able to quickly finalise my recommendation on the permit application.

Should you have any questions please do not hesitate to ask.

Kind Regards,

Lisa

**Lisa Owen**

**Wildlife Officer (Wildlife Assessments)**

Wildlife Assessment, Strategic Compliance and Southern Operations

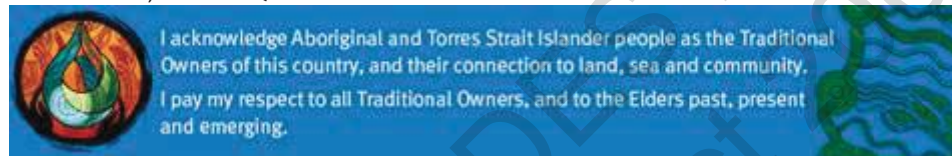
**Conservation and Biodiversity Operations Branch**

Department of Environment and Heritage Protection

P 07 3330 5537

400 George St, Brisbane QLD 4000

GPO Box 2454, Brisbane Q 4001



# File Note

**File Reference: APP0006964***Print and file when complete.***Date:** 27/10/17**File Name:** [s.73 irrelevant information] APP0006964**Subject (Detail):** Request for information for DMP application

Received a phone call on 27/10/17 from [s.73 irrelevant information] who informed me they have not held this permit previously. Explained the recording and reporting obligations, how to fill out the return of operations and to submit every 3 months. Applicant requested a copy of the return of operations be sent to him. Sent this in an email on 27/10/17.

Applicant informed me he would like the permit issued for a 1 year period.

---

**Date:** 27/10/17

---

**Author:** Lisa Owen**Position:** Wildlife Officer**Unit/Office:** Wildlife Assessment Team**Phone:** 33305537

# Assessment form

## Damage mitigation permit (culling and dispersal)

*This form is to be used to assess an application for a damage mitigation permit (DMP) under the Nature Conservation (Wildlife Management) Regulation 2006 (the Wildlife Management Regulation) for culling of protected wildlife other than commercially harvested macropods only, or flying-foxes. This form can however be used for commercially harvested macropods in circumstances where they are requested on a DMP application in addition to other species (e.g. birds or non-commercial macropods).*

**Date:**

06/11/2017

**Assessing Officer:**

Laura Affleck

**Project Ref:**

APP0005627

**Permit Ref:**

### 1. Applicant name and address:

A wildlife authority may only be granted to an individual or corporation (only if the corporation has an office within Queensland).

Individual ☐Corporation ☒

**Assessment form**

**Damage mitigation permit (culling and dispersal)**

|                                       |                                                                                                                                                                                                                                                 |                                        |
|---------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------|
| Applicants:                           | <div>s.73 irrelevant information</div>                                                                                                                                                                                                          |                                        |
| Person in charge<br>(if corporation): | <div>s.73 irrelevant information</div>                                                                                                                                                                                                          |                                        |
| Company name:                         | <div>s.73 irrelevant information</div>                                                                                                                                                                                                          | ABN/ACN number<br>009 946 909          |
| Property name:                        |                                                                                                                                                                                                                                                 |                                        |
| Lot on Plan details                   | LOT 8/CP861993 (the entire island)<br>Area: 680.5 ha (for the entire island)<br>~ 34.55 ha for the airside area covered by the Protected Wildlife Management Strategy                                                                           |                                        |
| Property Location<br>(GPS etc)        |                                                                                                                                                                                                                                                 |                                        |
| Address:                              | Registered: <div>s.73 irrelevant information</div><br>Postal: <div>s.73 irrelevant information</div><br>Activity Location: Airport Drive, Hamilton Island QLD 4803<br>LGA: Whitsunday Regional<br>Email: <div>s.73 irrelevant information</div> |                                        |
| Phone/Fax:                            | <div>s.73 irrelevant information</div>                                                                                                                                                                                                          | <div>s.73 irrelevant information</div> |

**2. Identify DMP purpose:**

A permit will only be issued for section 185 OR section 186 of the Wildlife Management Regulation.

Section 185 - damage or loss caused, or likely to be caused, by a protected animal ☐ or

Section 186 - threat, or potential threat, to human health and wellbeing caused by a protected animal ☒

Background:

Application states: Threat to conduct safe aircraft operations with potential threat to human health and well-being

**3. Legislative requirement: Section 182 - General restriction about animals for which permit may be granted**

*Section 182 of the Wildlife Management Regulation:*

- (1) The chief executive may grant a damage mitigation permit only for—
- (a) a least concern animal; or
  - (b) an endangered, vulnerable or near threatened animal.

**Assessment form**

**Damage mitigation permit (culling and dispersal)**

- (1) *However, for a damage mitigation permit for an animal mentioned in subsection (1)(b), other than a damage mitigation permit (removal and relocation of wildlife), the chief executive must not grant the permit unless a conservation plan authorises the holder of a damage mitigation permit to take the animal under the permit.*

Species:

- Agile wallaby (*Macropus agilis*)

s.73 irrelevant information

Has the animal been identified?

☒ Yes ☐ No

How?

• The animals have been identified by the applicant

What *Nature Conservation Act 1992* classification is this species?

☒ Least concern

☐ EVNT (endangered, vulnerable or near threatened). If EVNT, is it consistent with the conservation plan?

Describe:

**Section  
182  
Delegate  
Comments:**

**Complete sections 4-8 only if DMP application relates to section 185 of the Wildlife Management Regulation: damage or loss caused, or likely to be caused, by a protected animal**

**4. Legislative requirement: Section 185(1)(a) of the Wildlife Management Regulation**

Section 185(1)(a):

(a) *the animal is causing, or may cause, damage.*

What damage or loss, current or potential, is being experienced?

Describe:

List of  
Evidence:

Provide image if appropriate (insert file or cut and paste) :

**Section  
185(1)(a)**  
  
**Delegate  
Comments**

**5. Legislative requirement: Section 185(1)(b) of the Wildlife Management Regulation**

Section 185(1)(b):

(b) *the landholder of the land on which the animal is causing, or may cause, damage has made a reasonable attempt to prevent or minimise the damage and the action taken has not prevented or minimised the damage;*

What reasonable attempt has the landholder taken to prevent or minimise damage:

Describe:

List of  
Evidence:

Provide image if available/appropriate (insert file or cut and paste) :

Have the attempts been successful/ unsuccessful? What were the outcomes?

Comments:

**Section  
185(1) (b)**

**Delegate  
Comments:**

**6. Legislative requirement: Section 185(1)(c) of the Wildlife Management Regulation**

*Section 185(1)(c):*

(c) *if the damage is not prevented or controlled-*

- i. individuals may suffer significant economic loss; or*
- ii. the ecological sustainability of nature is likely to be harmed*

Has the applicant identified:

(a) Economic loss

☒ Yes ☐ No

Detail the significant economic loss of the landholder (include some information regarding why the loss is deemed significant):

Comments:

OR;

(b) Likelihood of harm

☐ Yes ☐ No

Detail the likelihood of harm to the ecological sustainability of nature:

Comments:

List of  
Evidence:

Provide image if appropriate (insert file or cut and paste) :

**Section  
185(1)(c)**

**Delegate  
Comments:**

**7. Legislative requirement: Section 185(1)(d) of the Wildlife Management Regulation**

*Section 185(1)(d):*

(d) *action under the permit will not adversely affect the survival of the animal in the wild*

How many animals are being requested?

Comments:

Is this amount likely to adversely affect the survival of the species in the wild?

☐

Yes

☐

No

Why?

Comments:

For harvest macropods only:

Will the requested amount cause the permissible quota to exceed the 2% of the estimated species population?

*(Numbers, date and region to be changed with each new application)*

☐

Yes

☐

No

| Quota used as<br>at<br><i>insert assessment date</i>                                                                                                                                                      | State | Usage to date | State quota allocated<br>for Combined Zones |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|---------------|---------------------------------------------|
| <div style="border: 1px solid black; height: 80px; position: relative;"> <div style="position: absolute; bottom: 5px; left: 5px; color: blue; font-size: small;">s.73 irrelevant information</div> </div> |       |               |                                             |
| <p>Comments:</p> <div style="border: 1px solid black; height: 50px;"></div>                                                                                                                               |       |               |                                             |

Is the applicant aware of their obligations to accurately record and report any animals taken under the permit, and to submit these details to EHP every three months (within 10 business days)?

☒

Yes

☐

No

Comments:

**Section  
185(1)(d)**

**Delegate  
Comments:**

**8. Legislative requirement: Section 185(1)(e) of the Wildlife Management Regulation**

*Section 185(1)(e):*

(e) *the proposed way of taking the animal is humane and not likely to cause unnecessary suffering to the animal*

What is the proposed mitigation method?

Comments:

How will the applicant ensure that the proposed mitigation method is humane? (Consideration should be given to the capability and methods of the operator who will be carrying out the take).

Comments:

If the proposed method is not humane, what changes to the mitigation method are required to ensure the take would be humane?

Comments:

If the mitigation method cannot be amended to ensure humaneness, a DMP cannot be issued.

**Section  
185 (1)(e)**

**Delegate  
Comments:**

**Complete sections 9-12 only if DMP application relates to section 186 of the Wildlife Management Regulation: risk/potential risk to a person's health and wellbeing by a protected animal**

**9. Legislative requirement: Section 186(a) of the Wildlife Management Regulation**

Section 186(a):

- (a) *there is, or may be, a threat to a person's health and wellbeing resulting from harm caused by the animal to the person*

What threat or potential threat is there to human health and wellbeing?

Comments: Application states: Threat to conduct safe aircraft operations with potential threat to human health and well-being

List of Evidence: Protected Wildlife Management Strategy: August 2017 provided. This included general information on wildlife strikes, as well as wildlife species involvement and hazard potential at the

s.73 irrelevant information

s.73 irrelevant information

Provide Image if appropriate (insert file or cut and paste) :

**Section  
186(a)**

**Delegate  
Comments:**

**10. Legislative requirement: Section 186(b) of the Wildlife Management Regulation**

Section 186(b):

(b) *action under the permit will not detrimentally affect the survival of the animal in the wild*

How many animals are being requested?

Comments:

- Agile wallaby (*Macropus agilis*): Unlimited

s.73 irrelevant information

Is this amount likely to adversely affect the survival of the species in the wild?

☐ Yes

☒ No

Why?

Comments:

All species are considered of least concern.

s.73 irrelevant information

Is the landholder aware of their obligations to accurately record and report any animals taken under the permit, and to submit these details to EHP every three months (within 10 business days)? ☒ Yes ☐ No

Comments:

The applicant has held this type of permit before and fulfilled their return obligations. Conditions will be placed on the permit.

**Section  
186(b)**

**Delegate  
Comments:**

**11. Legislative requirement: Section 186(c) of the Wildlife Management Regulation**

Section 186(c):

- (c) *the proposed way of taking the animal is humane and not likely to cause unnecessary suffering to the animal*

What is the proposed mitigation method?

Comments: Protected Wildlife Management Strategy states:

s.73 irrelevant information

- Mammals: Shooting

How will the applicant ensure that the proposed mitigation method is humane? (Consideration should be given to the capability and methods of the operator who will be carrying out the take).

Comments: Conditions will be placed on the permit.

If the proposed method is not humane, what changes to the mitigation method are required to ensure the take would be humane?

Comments: N/A

If the mitigation method cannot be amended to ensure humaneness, a DMP cannot be issued.

**Section  
186(c)**

**Delegate  
Comments:**

**12. Legislative requirement: Section 186(d) of the Wildlife Management Regulation**

Section 186(d):

(d) if the animal is a protected reptile—

i. the reptile will be released into the wild; or

ii. a conservation plan for the reptile authorises the holder of a damage mitigation permit to keep the reptile under the permit or otherwise

Is the DMP for a reptile?

☐ Yes ☒ No

If Yes, this type of DMP cannot be issued.

**Section  
186(d)**

**Delegate  
Comments:**

**13. Legislative requirement: Section 26 of the Nature Conservation (Administration) Regulation 2017 – Considerations to be taken into account by the delegate**

**Assessment form**  
**Damage mitigation permit (culling and dispersal)**

| <b>Section 25 considerations<br/>(to be completed by assessing officer)</b>                                                                                                                                                                                                                                                                                                                                                                                                                               | <b>Consideration given<br/>(delegate's use only)</b> |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------|
| <p>(a) <i>The impact the activities that may be carried out under the DMP may have on the conservation of this or other native wildlife;</i></p> <ul style="list-style-type: none"> <li><i>Is this proposed activity likely to affect other species?</i></li> </ul> <p>No</p>                                                                                                                                                                                                                             | <input type="checkbox"/>                             |
| <p>(b) <i>The effect the grant of the authority will have on the fair and equitable access to nature, having regard to, in particular, the ecologically sustainable use of wildlife;</i></p> <ul style="list-style-type: none"> <li><i>Will the issue of this permit reduce an existing ecologically sustainable use of wildlife?</i></li> </ul> <p>No</p> <ul style="list-style-type: none"> <li><i>Will the issue of this permit reduce the general public's access to nature?</i></li> </ul> <p>No</p> | <input type="checkbox"/>                             |
| <p>(c) <i>Any contribution the applicant proposes to make to the conservation of nature;</i></p> <ul style="list-style-type: none"> <li><i>Is the applicant proposing to undertake conservation works that will alleviate impacts on the species?</i></li> </ul> <p>No</p>                                                                                                                                                                                                                                | <input type="checkbox"/>                             |
| <p>(d) <i>Any relevant Australian or international code, instrument, protocol or standard or any relevant intergovernmental agreement;</i></p> <ul style="list-style-type: none"> <li><i>Has there been a search for documents and instruments relating to the species?</i></li> </ul> <p>Yes</p>                                                                                                                                                                                                         | <input type="checkbox"/>                             |
| <p>(e) <i>The precautionary principle;</i></p> <ul style="list-style-type: none"> <li><i>Is there any gap in our understanding of impact on the species that should preclude issuing the permit?</i></li> </ul> <p>No</p>                                                                                                                                                                                                                                                                                 | <input type="checkbox"/>                             |
| <p>(f) <i>Public health and safety;</i></p> <ul style="list-style-type: none"> <li><i>Is there a public health and safety risk from the activities in the permit that has not been addressed?</i></li> </ul> <p>No</p>                                                                                                                                                                                                                                                                                    | <input type="checkbox"/>                             |
| <p>(g) <i>The public interest;</i></p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | <input type="checkbox"/>                             |

**Assessment form**

**Damage mitigation permit (culling and dispersal)**

|                                                                                                                                                                                                                                                                                                       |                          |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|
| <ul style="list-style-type: none"> <li>Is the issue of the permit in the public interest?</li> </ul> <p>Yes</p>                                                                                                                                                                                       |                          |
| <p>(h) Whether the applicant is a suitable person to hold the authority, having regard to the matters mentioned in schedule 2 of the Administration Regulation;</p> <ul style="list-style-type: none"> <li>Does the applicant have a conviction relating to the permit activity?</li> </ul> <p>No</p> | <input type="checkbox"/> |
| <p>(k) Any recovery plan for wildlife to which the authority applies.</p> <ul style="list-style-type: none"> <li>Has a search been carried out for a recovery plan for the species?</li> </ul> <p>Yes</p>                                                                                             | <input type="checkbox"/> |

**14. Other considerations prior to issuing the permit:**

Has the applicant held this type of permit before?

☒ Yes ☐ No

If yes, has the applicant submitted the 'return of operations'?

☒ Yes ☐ No

(A return of operation is due for each 3 month period during the life of the permit)

If no, permit not to be issued until returns are submitted.

Has a field assessment been completed? (attach copy)

☐ Yes ☒ No

Comments:

Has the applicant specified start and completion dates?

☒ Yes ☐ No

Comments:

20.11.2017 - 19.11.2020

What is the length of the permit term?

Is this application for a 12 month 'culling and dispersal' DMP?

☐ Yes ☒ No

Is this application for a 3 year 'culling and dispersal' DMP and is accompanied by a Property Management Plan?

☒ Yes ☐ No

Provide comment if not issued for either full term as listed above:

Comments:

**15. Ecotrack conditions**

**a) Standard conditions – lethal take activity**

Check the following conditions are added to the permit:

**Ecotrack standard condition (ESC)**

☐ WI Important notes:

A Return of operations form must be sent to EHP within 10 business days after the end of the permit, and you must keep a copy for your records. If the return of operations on the approved form is not submitted a penalty may be given. The approved form should be downloaded via the following EHP website link: [http://www.ehp.qld.gov.au/licences-permits/plants-animals/return\\_of\\_operations.html](http://www.ehp.qld.gov.au/licences-permits/plants-animals/return_of_operations.html)

**Ecotrack standard conditions –permits issued under a Property Management Plan**

☐ This permit must be in conjunction with and in adherence with the approved Property Management Plan (PMP).

**16. Recommendation and comment regarding grant of permit:**

Supported ☒ Not supported ☐

Name: Laura Affleck

Position: Conservation Officer

Date: 6.11.17

Comments: The application is for an airport and in the interest of public safety. All species are considered of least concern

s.73 irrelevant information

Additional current applications: The applicant currently has a permit application (APP0005717) in for the rest of Hamilton Island (excluding airport) and the neighbouring Dent Island. This second application is requesting unlimited agile wallabies.

s.73 irre I feel that the two applications need to be considered together.

Problems with the PMP provided:

- No population estimates provided
- It states that compared to birdstrikes, ground-based animal strikes are relatively rare, and does not even list the s.73 irrelevant informa as one of the most common animals involved (pg. 7)

s.73 irrelevant information

s.73 irrelevant information

- Out of the five applicable non-lethal mammal control actions, one is satisfactory, three need improvement and one is unsatisfactory (pg. 22)
- Out of the fourteen applicable habitat management control actions, five are satisfactory and nine need improvement (pg. 23)
- On the application, in response to the question about previous damage mitigation methods they answered 'We operate under Wildlife Management Strategy which includes dispersal techniques using vehicles, lights, sirens, pyrotechnics and lethal shot as last resort'. When you actually look up their dispersal techniques in the Wildlife Management Strategy, pyrotechnics is listed as 'not applicable' to the island, lights are not mentioned and sirens are listed as 'needs improvement'. The use of vehicles is the only technique from the above list that is considered 'satisfactory' under their own assessment.

s.73 irrelevant information

s.73 irrelevant information

Note: Delegation sits with the Director

**17. Senior conservation officer endorsement: (where applicable)**

Supported ☐ Not supported ☐

Name:

Position:

Date:

Comments:

**18. Manager/delegate approval:**

Supported ☐ Not supported ☐

Name:

Position:

Date:

Comments:

---

EHP policy standards and legislative requirements are detailed within:

*Nature Conservation Act 1992*

*Nature Conservation (Wildlife) Regulation 2006*

*Nature Conservation (Wildlife Management) Regulation 2006*

*Nature Conservation (Administration) Regulation 2017*

APP0005627

- Summary
- Assessment
- Tasks
- Financial Summary
- Condition Summary
- News
- Related Actions

Application Summary

Application Reference: APP0005627

Authority Type: Wildlife Authority

Permit Type: Damage Mitigation Permit

Industry Sector: Unknown

Lodgement Date: 28/09/2017

Stage: Decision

Status: Permit Issued

Related Permit: [WA0002726](#)

Damage Mitigation

Damage mitigation Details

|                                                                                                                                                |                                                                                                                                                                |
|------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| What is your reason for applying for this permit? (Examples include damage to pastures, grains, crops, threat to human health and well-being.) | Threat to conduct safe Aircraft operations with potential threat to human health and well-being.                                                               |
| Outline the monetary loss experienced:                                                                                                         | N/A                                                                                                                                                            |
| What previous damage mitigation method(s) have you tried (if any) and was this successful?                                                     | We operate under Wildlife Management Strategy which includes dispersal techniques using vehicles, lights, sirens, pyrotechnics and lethal shot as last resort. |

Wildlife Suitability

During the past 10 years have you ever (in Queensland or elsewhere) been found guilty of any criminal offence or entered a plea of guilty in a Court?

No

Have you ever had an equivalent permit from another State or country that was suspended and/or cancelled?

No

Project Dates

Start and completion dates

|                 |             |
|-----------------|-------------|
| Start date      | 20 Nov 2017 |
| Completion date | 19 Nov 2020 |

Persons Operating

Provide the name(s) of the person(s) operating under this permit

| Family Name                            | Given Name |
|----------------------------------------|------------|
| <div>s.73 irrelevant information</div> |            |

Information Requests

Information Requests

|        |        |           |
|--------|--------|-----------|
| 18-028 | File B | 49 of 221 |
|--------|--------|-----------|

| ID                 | Type | Direction | EIS Flag | Reason | Updated timestamp | Last updated by |
|--------------------|------|-----------|----------|--------|-------------------|-----------------|
| No items available |      |           |          |        |                   |                 |

Approval Workflow History

| Outcome                     | Timestamp        | Reason                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Recommendation | Status   | User          | Comments |
|-----------------------------|------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|----------|---------------|----------|
| Permit Application Decision | 13/11/2017 11:53 | <p>The application is for an airport and in the interest of public safety. All species are considered of least concern.</p> <div></div> <p>s.73 irrelevant info</p> <p>Additional current applications: The applicant currently has a permit application (APP0005717) in for the rest of Hamilton Island (excluding airport) and the neighbouring Dent Island. This second application is requesting unlimited agile wallabies, s.73 ir</p> <div></div> <p>s.73 irrelevant info</p> <p>s.73 irr I feel that the two applications need to be considered together.</p> <p>Problems with the PMP provided:</p> <ul style="list-style-type: none"><li>- No population estimates provided</li><li>- It states that compared to birdstrikes, ground-</li></ul> | Grant          | Approved | Michael Joyce |          |

| Outcome | Timestamp | Reason                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Recommendation | Status | User | Comments |
|---------|-----------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|--------|------|----------|
|         |           | <p>based animal strikes are relatively rare, and does not even list the s.73 irrelevant as one of the most common animals involved (pg. 7)</p>                                                                                                                                                                                                                                                                                                                             |                |        |      |          |
|         |           | <p>s.73 irrelevant information</p> <ul style="list-style-type: none"><li>- Out of the five applicable non-lethal mammal control actions, one is satisfactory, three need improvement and one is unsatisfactory (pg. 22)</li><li>- Out of the fourteen applicable habitat management control actions, five are satisfactory and nine need improvement (pg. 23)</li><li>- On the application, in response to the question about previous damage mitigation methods</li></ul> |                |        |      |          |

| Outcome | Timestamp | Reason                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Recommendation | Status | User | Comments |
|---------|-----------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|--------|------|----------|
|         |           | <p>they answered 'We operate under Wildlife Management Strategy which includes dispersal techniques using vehicles, lights, sirens, pyrotechnics and lethal shot as last resort'. When you actually look up their dispersal techniques in the Wildlife Management Strategy, pyrotechnics is listed as 'not applicable' to the island, lights are not mentioned and sirens are listed as 'needs improvement'. The use of vehicles is the only technique from the above list that is considered 'satisfactory' under their own assessment.</p> <div></div> <p>s.73 irrelevant information</p> |                |        |      |          |

| Outcome          | Timestamp        | Reason                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Recommendation | Status   | User          | Comments                                                                       |
|------------------|------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|----------|---------------|--------------------------------------------------------------------------------|
| Pending Approval | 10/11/2017 12:35 | <p>sits with the Director</p> <p>The application is for an airport and in the interest of public safety. All species are considered of least concern.</p> <div></div> <p>s.73 irrelevant info</p> <p>Additional current applications: The applicant currently has a permit application (APP0005717) in for the rest of Hamilton Island (excluding airport) and the neighbouring Dent Island. This second application is requesting unlimited agile wallabies, s.73 ir</p> <p>s.73 irrelevant info</p> <p>s.73 irrelevant info</p> <p>s.73 irrelevant info I feel that the two applications need to be considered together.</p> <p>Problems with the PMP provided:</p> <ul style="list-style-type: none"><li>- No population estimates provided</li><li>- It states that compared to birdstrikes, ground-based animal strikes are relatively rare, and does not even list the</li></ul> <p>s.73 irrelevant info as one of the most common animals involved (pg. 7)</p> <div></div> <p>s.73 irrelevant info</p> |                | Approved | Michael Joyce | Delegate- I have written conditions with assessment officer- happy to discuss. |

| Outcome | Timestamp | Reason                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Recommendation | Status | User | Comments |
|---------|-----------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|--------|------|----------|
|         |           | <div></div> <div>s.73 irrelevant info</div> <div>- Out of the five applicable non-lethal mammal control actions, one is satisfactory, three need improvement and one is unsatisfactory (pg. 22)</div> <div>- Out of the fourteen applicable habitat management control actions, five are satisfactory and nine need improvement (pg. 23)</div> <div>- On the application, in response to the question about previous damage mitigatoin methods they answered 'We operate under Wildlife Management Strategy which includes dispersal techniques using vehicles, lights, sirens, pyrotechnics and lethal shot as</div> |                |        |      |          |

18-028

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| Outcome                     | Timestamp        | Reason                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Recommendation | Status           | User         | Comments                                                                       |
|-----------------------------|------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|------------------|--------------|--------------------------------------------------------------------------------|
|                             |                  | <p>last resort'. When you actually look up their dispersal techniques in the Wildlife Management Strategy, pyrotechnics is listed as 'not applicable' to the island, lights are not mentioned and sirens are listed as 'needs improvement'. The use of vehicles is the only technique from the above list that is considered 'satisfactory' under their own assessment.</p> <div></div> <p>s.73 irrelevant info</p> <p>Note: Delegation sits with the Director</p> |                |                  |              |                                                                                |
| Permit Application Decision | 10/11/2017 12:35 | The application is for an airport and in the interest of public safety. All species are considered of least concern.                                                                                                                                                                                                                                                                                                                                               | Grant          | Pending Approval | Samuel Dawes | Delegate- I have written conditions with assessment officer- happy to discuss. |
| 18-028                      |                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | File B         |                  |              | 55 of 221                                                                      |

| Outcome | Timestamp | Reason                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Recommendation | Status | User | Comments  |
|---------|-----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|--------|------|-----------|
|         |           | <div></div> <p><u>s.73 irrelevant info</u></p> <p>Additional current applications: The applicant currently has a permit application (APP0005717) in for the rest of Hamilton Island (excluding airport) and the neighbouring Dent Island. This second application is requesting unlimited agile wallabies, <u>s.73 ii</u></p> <p><u>s.73 irrelevant info</u></p> <p><u>s.73 irrelevant info</u> I feel that the two applications need to be considered together.</p> <p>Problems with the PMP provided:</p> <ul style="list-style-type: none"><li>- No population estimates provided</li><li>- It states that compared to birdstrikes, ground-based animal strikes are relatively rare, and does not even list the</li></ul> <p><u>s.73 irrelevant info</u> as one of the most common animals involved (pg. 7)</p> <div></div> |                |        |      |           |
| 18-028  |           | <u>s.73 irrelevant info</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | File B         |        |      | 56 of 221 |

| Outcome | Timestamp | Reason                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Recommendation | Status | User | Comments  |
|---------|-----------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|--------|------|-----------|
| 18-028  |           | <div></div> <p>s.73 irrelevant info</p> <ul style="list-style-type: none"><li>- Out of the five applicable non-lethal mammal control actions, one is satisfactory, three need improvement and one is unsatisfactory (pg. 22)</li><li>- Out of the fourteen applicable habitat management control actions, five are satisfactory and nine need improvement (pg. 23)</li><li>- On the application, in response to the question about previous damage mitigatoin methods they answered 'We operate under Wildlife Management Strategy which includes dispersal techniques using vehicles, lights, sirens, pyrotechnics and lethal shot as last resort'. When you actually look up their dispersal techniques in the Wildlife Management Strategy, pyrotechnics is listed as 'not applicable' to the</li></ul> | File B         |        |      | 57 of 221 |

| Outcome                     | Timestamp        | Reason                                                                                                                                                                                                                                                                                                          | Recommendation | Status         | User          | Comments |
|-----------------------------|------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|----------------|---------------|----------|
|                             |                  | <p>island, lights are not mentioned and sirens are listed as 'needs improvement'. The use of vehicles is the only technique from the above list that is considered 'satisfactory' under their own assessment.</p> <div></div> <p>s.73 irrelevant information</p> <p>Note: Delegation sits with the Director</p> |                |                |               |          |
| Permit Application Decision | 06/11/2017 10:23 | <p>The application is for an airport and in the interest of public safety. All species are considered of least concern.</p> <div></div> <p>s.73 irrelevant information</p>                                                                                                                                      | Grant          | Pending Review | Laura Affleck |          |

| Outcome | Timestamp | Reason                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Recommendation | Status | User | Comments  |
|---------|-----------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|--------|------|-----------|
|         |           | <div></div> <div>s.73 irrelevant information</div> <div>Additional current applications: The applicant currently has a permit application (APP0005717) in for the rest of Hamilton Island (excluding airport) and the neighbouring Dent Island. This second application is requesting unlimited a file wallabies s.73 irrelevant information</div> <div>s.73 irrelevant information</div> <div>s.73 irrelevant information I feel that the two applications need to be considered together.</div> <div>Problems with the PMP provided:<ul style="list-style-type: none"><li>- No population estimates provided</li><li>- It states that compared to birdstrikes, ground-based animal strikes are relatively rare, and does not even list the s.73 irrelevant information as one of the most common animals involved .7</li></ul></div> <div></div> |                |        |      |           |
| 18-028  |           | s.73 irrelevant information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | File B         |        |      | 59 of 221 |

| Outcome | Timestamp | Reason                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Recommendation | Status | User | Comments |
|---------|-----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|--------|------|----------|
|         |           | <div></div> <p>s.73 irrelevant information</p> <ul style="list-style-type: none"><li>- Out of the five applicable non-lethal mammal control actions, one is satisfactory, three need improvement and one is unsatisfactory (pg. 22)</li><li>- Out of the fourteen applicable habitat management control actions, five are satisfactory and nine need improvement (pg. 23)</li><li>- On the application, in response to the question about previous damage mitigation methods they answered 'We operate under Wildlife Management Strategy which includes dispersal techniques using vehicles, lights, sirens, pyrotechnics and lethal shot as last resort'. When you actually look up their dispersal techniques in the Wildlife Management Strategy, pyrotechnics is listed as 'not applicable' to the island, lights are not mentioned and sirens are listed as 'needs improvement'. The use of vehicles is the only technique from the above list that is considered 'satisfactory' under</li></ul> |                |        |      |          |

| Outcome | Timestamp | Reason                                                                                                                   | Recommendation | Status | User | Comments |
|---------|-----------|--------------------------------------------------------------------------------------------------------------------------|----------------|--------|------|----------|
|         |           | <div>their own assessment.</div> <div></div> <div>s.73 irrelevant info<br/>Note: Delegation sits with the Director</div> |                |        |      |          |

Internal Review

Requests

| Reviewed Decision  | Compliant | Comment | Created | Created by |
|--------------------|-----------|---------|---------|------------|
| No items available |           |         |         |            |

Original Decisions Under Review

| Decision           | Recommendation | Reason | Comment | Updated | User |
|--------------------|----------------|--------|---------|---------|------|
| No items available |                |        |         |         |      |

# Notice of Decision

## Section 12(a) of Nature Conservation (Administration) Regulation 2017

This notice is issued by the administering authority to advise of a statutory decision on a permit application

To:



Our reference: APP0005627

Dear Sir/Madam

Re: Decision made in relation to your application

Your application received on 28 September 2017 has been assessed and the decision in regards to your application is specified below:

| Permit applied for                                                                                                                                   | Permit number | Decision |
|------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|----------|
| Damage Mitigation Permit, Culling to protect human health or well-being, Lethal take of protected animals (non flying-fox), Property management plan | WA0002726     | GRANTED  |

Your application for a permit has been granted, the conditions of approval are attached.

Your permit reference is WA0002726.

Please note that for the approval, this Notice of Decision and the relevant attachments constitute the permit documentation. Please retain this approval documentation for your records.

Included with this notice is advice on review and appeal processes that may be available to you. Should you seek a review or appeal, you are advised to seek independent advice before taking such action.

Should you have any queries in relation to this notice, please refer to the contact details below.

Michael Joyce  
Department of Environment and Heritage Protection  
Delegate of the administering authority  
Nature Conservation Act 1992

Enquiries:  
Wildlife Assessment Team  
Email: [wildlife@ehp.qld.gov.au](mailto:wildlife@ehp.qld.gov.au)  
Postal Address: PO Box 102, Toowoomba, QLD, 4350

**Date granted: 13 November 2017**

Attachments:

Permit:

## Nature Conservation Act 1992

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Information notice: Statutory decision on a permit application under the Nature Conservation (Administration) Regulation 2017

Published on DES Disclosure Log  
RTI Act 2009



# Permit

Section 12(a) of Nature Conservation (Administration) Regulation 2017

## Damage Mitigation Permit

This wildlife authority is issued under the following legislation: Nature Conservation (Administration) Regulation 2017 Part 2 Division 1.

**Permit number:** WA0002726

**Valid from:** 13 November 2017 to 12 November 2020

**Activity:** Culling to protect human health or well-being - Lethal take of protected animals (non flying-fox)

| Role                                        | Name                                   | Registered address          |
|---------------------------------------------|----------------------------------------|-----------------------------|
| <b>Principal Holder:</b>                    | s.73 irrelevant information            |                             |
| <b>Person In Charge:</b>                    | s.73 irrelevant information            | s.73 irrelevant information |
| <b>Business name:</b>                       | s.73 irrelevant information            | <b>ABN/ACN</b> / 009946909  |
| <b>Activity location//licensed premises</b> | Airport Drive HAMILTON ISLAND QLD 4803 |                             |

### Schedule

| Species details                | Category | Quantity  | Unit |
|--------------------------------|----------|-----------|------|
| agile wallaby, Macropus agilis | Live     | Unlimited |      |
| s.73 irrelevant information    |          |           |      |
|                                |          |           |      |
|                                |          |           |      |
|                                |          |           |      |

# Permit

Damage Mitigation Permit

Michael Joyce  
Department of Environment and Heritage Protection  
Delegate of the administering authority  
Nature Conservation Act 1992

**Enquiries:**  
Wildlife Assessment Team  
Email: [wildlife@ehp.qld.gov.au](mailto:wildlife@ehp.qld.gov.au)  
Postal Address: PO Box 102, Toowoomba, QLD, 4350

**Date issued: 13 November 2017**

Published on DES Disclosure Log  
RTI Act 2009



# Permit<sup>1</sup>

## Legislative Requirements and Conditions of Wildlife Authority

### Nature Conservation

- DMLR01** A return of operations is required to be sent to EHP either on the approved form or entered directly into Connect, if this is not submitted a penalty may be given.  
The required details must be provided:
- within 10 business days after each 3 month period after the permit has been granted, and
  - upon expiry.
- You must keep a copy for your records, see [www.ehp.qld.gov.au](http://www.ehp.qld.gov.au)  
This requirement may be found in section 188 of the Nature Conservation (Wildlife Management) Regulation 2006
- DMLR03** Activities carried out under this authority, unless otherwise authorised, apply to non-protected areas only.  
This requirement may be found in section 12 of the Nature Conservation (Administration) Regulation 2006

## Condition

### Nature Conservation

- DMM13** Accurate records of animals taken under this permit must be recorded in the return of operations form. These must be made at the end of each day/night that the animals are taken. These records must include the GPS coordinates of where the animal was taken, and the lethal mitigation method used.
- DMM14** Lethal take of macropods is by shooting only. Shooters are to ensure the combination of firearm, projectile distance to target and point of aim must result in the instantaneous death of the target animal. If death is not instantaneous, shooters must make every effort to locate wounded or orphaned animals to quickly and humanely cause immediate death.
- DMM15** A deterrent method that is not harmful to a protected animal, such as one using noise and/or light, must be used in conjunction with this permit.

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<sup>1</sup> Permit includes licences, approvals, permits, authorisations, certificates, sanctions or equivalent/similar as required by legislation

DMCC01 Activities under this permit are restricted to the area covered by the '*Protected Wildlife Management Strategy: August 2017*' provided as part of the application for this damage mitigation permit.

s.73 irrelevant information

DMCC04 Euthanasia must be performed by a suitably qualified person.

DMCC05 Methods of euthanasia, including methods of trapping and restraint for euthanasia, must not cause significant pain, suffering or distress.

s.73 irrelevant information

# Information Sheet

This information sheet is issued by the Department of Environment and Heritage Protection to advise of a statutory decision on a permit application under the *Nature Conservation Act 1992 (the Act)*.

When assessing an application for a license, permit or other authority, the chief executive must have regard to the following matters under the following laws:

Section 26(1) of the Nature Conservation (Administration) Regulation 2017<sup>1</sup>

- a) the impact the activities that may be carried out under the authority may have on the conservation of the cultural or natural resources of a protected area or native wildlife;
- b) the effect the grant of the authority will have on the fair and equitable access to nature, having regard to, in particular, the ecologically sustainable use of protected areas or wildlife;
- c) any contribution the applicant proposes to make to the conservation of nature;
- d) any relevant Australian or international code, instrument, protocol or standard or any relevant intergovernmental agreement;
- e) the precautionary principle;
- f) public health and safety;
- g) the public interest;
- h) for an application for a relevant authority other than a camping permit—whether the applicant is a suitable person to hold the authority, having regard to the matters mentioned in schedule 2;
- i) for an application for a relevant authority for a national park (Cape York Peninsula Aboriginal land)—the indigenous management agreement for the protected area;
- j) any recovery plan for wildlife to which the authority applies;
- k) any other matter stated in a management instrument as a matter the chief executive must have regard to when considering an application for the authority.

Section 26(2) of the Nature Conservation (Administration) Regulation 2017<sup>1</sup>

Without limiting subsection (1), the chief executive may have regard to anything else the chief executive considers appropriate to achieve the object of the Act.

Section 33 of the Nature Conservation (Administration) Regulation 2017<sup>1</sup>

The chief executive cannot –

- a) grant a protected area authority to a person if the Protected Areas Management Regulation states the chief executive can not grant the authority to the person or to any person; or
- b) grant a wildlife authority to a person if the Wildlife Management Regulation or a conservation plan states the chief executive can not grant the authority to the person or to any person

<sup>1</sup> Matters relating to Protected Areas (excluding Nature Refuges) under the Nature Conservation Act 1992 are the responsibility of the Department of National Parks, Sport and Racing.

**This notice is issued by the Department of Environment and Heritage Protection to advise of a statutory decision on a permit application under the *Nature Conservation Act 1992 (the Act)*.**

Note – See also section 137 of the Act.

Section 137 of the *Nature Conservation Act 1992*

(2) A licence, permit or other authority issued or given under a regulation to—

- (a) take, use or keep protected wildlife; or
- (b) abandon, release, keep, use or introduce international or prohibited wildlife;

must be consistent with—

- (c) the management principles for the wildlife; and
- (d) the declared management intent, or conservation plan, applicable to the wildlife.

In assessing your application, consideration has been given to each of the relevant matters listed above, and consequently some conditions have been imposed on your permit. Please take the time to familiarise yourself with these requirements. Should you have any questions regarding any of these conditions please contact the Department of Environment and Heritage Protection using the contact details provided under the Enquiries heading on your licence, permit or other authority.

Part 4 of the Nature Conservation (Administration) Regulation 2017 provides for internal and external reviews, should you be dissatisfied with any reviewable decision. In summary these include:

- If you wish to apply for an internal review of the decision an application must be made in writing within 20 business days after being given this notice.
- The application must be supported by sufficient information to decide the application.
- The application for internal review does not stay the decision made. However you may apply to the Queensland Civil and Administrative Tribunal (QCAT) for a stay of the decision.
- The Department of Environment and Heritage Protection must review the decision within 28 days of receiving the application and provide you with a decision within 14 days of making the review decision.
- If you are dissatisfied with the internal review decision then you are able to file an application for an external review in the registry of the QCAT within 28 days of receiving the internal review notice.
- For further information you are directed to Part 4: Internal and External Reviews, of the Nature Conservation (Administration) Regulation 2017 and the *Queensland Civil and Administrative Tribunal Act 2009* which can both be found at [www.legislation.qld.gov.au/OQPChome.htm](http://www.legislation.qld.gov.au/OQPChome.htm)

Also please note:

Should it be determined at some future date by any Court or Tribunal that Native Title exists over the subject land or waters, this permit may be terminated and the holder (or any subsequent holder) may be required to remove any works established under this permit at the permit holder's (or any subsequent permit holder's) own cost, expense and risk. In that event, no compensation for works, development costs or loss of income shall be payable to the permit holder (or any subsequent permit holder) by the State of Queensland.

## AFFLECK Laura

---

**From:** s.73 irrelevant information  
**Sent:** Monday, 23 October 2017 11:01 AM  
**To:** AFFLECK Laura  
**Cc:** s.73 irrelevant information  
**Subject:** RE: Making contact to update you on the status of your damage mitigation permit application  
**Attachments:** WIMP15187914 Damage Mitigation Permit expiry 11{2}19{2}2017 (ID 197433).pdf



Hi Laura,

Apologies for the delayed response.

s.73 irrelevant information

Would this be acceptable to you?

Kind Regards,

s.73 irrelevant information

Deloitte has released an economic impact study that has placed a value for the first time on the Great Barrier Reef at \$56 billion. Discover this Natural Wonder of the World for yourself when you visit Hamilton Island.

---

**From:** AFFLECK Laura [mailto:Laura.Affleck@ehp.qld.gov.au]  
**Sent:** Wednesday, 18 October 2017 4:28 PM  
**To:** s.73 irrelevant information  
**Subject:** RE: Making contact to update you on the status of your damage mitigation permit application

Good afternoon s.73 irr

Thank you for meeting with us on Monday.

s.73 irrelevant information

Kind regards,

Laura Affleck  
Conservation Officer  
Wildlife Assessment, Strategic Compliance and Southern Operations



**Conservation & Biodiversity Operations**  
Department of Environment and Heritage Protection  
400 George Street, Brisbane QLD 4000  
GPO Box 2454, Brisbane QLD 4001

---

**From:** AFFLECK Laura  
**Sent:** Thursday, 12 October 2017 2:30 PM  
**To:** [s.73 irrelevant information]  
**Cc:** SMITH Brent <[Brent.Smith@ehp.qld.gov.au](mailto:Brent.Smith@ehp.qld.gov.au)>  
**Subject:** RE: Making contact to update you on the status of your damage mitigation permit application

Hi [s.73 irre]

Excellent, we will call you at 11:30am on Monday 16<sup>th</sup> of October on your provided contact details.

Kind regards,

Laura Affleck  
Conservation Officer  
Wildlife Assessment, Strategic Compliance and Southern Operations  
**Conservation & Biodiversity Operations**  
Department of Environment and Heritage Protection  
P (07) 3330 5121 ext. 25121  
400 George Street, Brisbane QLD 4000  
GPO Box 2454, Brisbane QLD 4001

---

**From:** [s.73 irrelevant information]  
**Sent:** Thursday, 12 October 2017 1:32 PM  
**To:** AFFLECK Laura <[Laura.Affleck@ehp.qld.gov.au](mailto:Laura.Affleck@ehp.qld.gov.au)>  
**Subject:** Fwd: Making contact to update you on the status of your damage mitigation permit application

Sorry I meant 11.30am.

[s.73 irrelevant information]

Begin forwarded message:

**From:** [s.73 irrelevant information]  
**Date:** 12 October 2017 at 2:30:52 pm AEDT  
**To:** AFFLECK Laura <[Laura.Affleck@ehp.qld.gov.au](mailto:Laura.Affleck@ehp.qld.gov.au)>  
**Cc:** SMITH Brent <[Brent.Smith@ehp.qld.gov.au](mailto:Brent.Smith@ehp.qld.gov.au)>, [s.73 irrelevant information]  
**Subject:** Re: Making contact to update you on the status of your damage mitigation permit application

Hi Laura,

Yes, 10.30am Monday would be perfect, you can contact me on the number below, [s.73 irrelevant information] will be joining me, he holds the DMP for [s.73 irrelevant information] excluding the airport DMP which is also up for renewal, we work very closely in regards to wholistic wildlife management.

Kind Regards,

s.73 irrelevant information

On 12 Oct 2017, at 2:14 pm, AFFLECK Laura <[Laura.Affleck@ehp.qld.gov.au](mailto:Laura.Affleck@ehp.qld.gov.au)> wrote:

Hi s.73 irre

Would 11:30am on Monday 16 October 2017 work for you? We are just keen to arrange for this meeting to happen as soon as possible so that we can expedite the completion of this permit assessment.

Kind regards,

<image003.png> Laura Affleck  
Conservation Officer  
Wildlife Assessment, Strategic Compliance and Southern Operations  
**Conservation & Biodiversity Operations**  
Department of Environment and Heritage Protection  
P (07) 3330 5121 ext. 25121  
400 George Street, Brisbane QLD 4000  
GPO Box 2454, Brisbane QLD 4001

---

**From:** s.73 irrelevant information  
**Sent:** Wednesday, 11 October 2017 4:39 PM  
**To:** AFFLECK Laura <[Laura.Affleck@ehp.qld.gov.au](mailto:Laura.Affleck@ehp.qld.gov.au)>  
**Cc:** SMITH Brent <[Brent.Smith@ehp.qld.gov.au](mailto:Brent.Smith@ehp.qld.gov.au)>  
**Subject:** Re: Making contact to update you on the status of your damage mitigation permit application

Hi Laura,

Apologies I have been flying most of today.

I am interstate for some meetings returning late Friday afternoon, would it be possible to schedule the Tele conference for early next week?

Kind Regards,

s.73 irrelevant inform

On 11 Oct 2017, at 4:58 pm, AFFLECK Laura <[Laura.Affleck@ehp.qld.gov.au](mailto:Laura.Affleck@ehp.qld.gov.au)> wrote:

Good afternoon s.73 irr

I am the Conservation Officer who is currently processing your request for a lethal Damage Mitigation Permit application (application reference: APP0005627), for s.73 irrelevant inform  
s.73 irrelevant information

I would like to arrange a time to have a tele conference with you tomorrow 12 October 2017, in order to further discuss your

application with the view of completing my assessment and submitting it to the delegate. Please note my manager Brent Smith will be present during this meeting.

Kind regards,

<image002.png> Laura Affleck

Conservation Officer

Wildlife Assessment, Strategic Compliance and Southern Operations

**Conservation & Biodiversity Operations**

Department of Environment and Heritage Protection

400 George Street, Brisbane QLD 4000

GPO Box 2454, Brisbane QLD 4001

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**Reason for meeting:** Lethal DMP Application from [s.73 irrelevant information]

**Date:** 16.10.2017

**Time:** 11:30 AM – 12:00 PM

**Location:** Teleconference – EHP location: 400 George Street, Brisbane City QLD 4000

**Attendees:** Brent Smith (EHP), Laura Affleck (EHP), [s.73 irrelevant information]

**General overview of the situation:**

[s.73 irr] submitted an application for a lethal DMP on the 28.09.2017. This application is for the airport area and for 3 years. A meeting was requested with them as the numbers of [s.73 irrelevant information] requested to be taken seemed inconsistent with the threat posed in the 'Protected Wildlife Management Strategy August 2017' provided.

- The following are the meeting notes taken by Laura Affleck -

- **General overview of the meeting (note: this is not verbatim):**
  - **Previous permits**

[s.73 irrelevant information]

Off the top of their heads they approximated that their last permit had been for: unlimited agile wallabies, [s.73 irrelevant information]

[s.73 irrelevant information]

[s.73 irrelevant information]

[s.73 irrelevant information]

s.73 irrelevant information

- **Other submission problems**

When asked if they had any other questions, [s.73 irr] said that they are in the process of submitting their other DMP for the rest of the island but were having trouble uploading it. He asked whether they will be asked the same questions (that they were being asked in this meeting) with the new application. [s.73 irr] replied by saying that these questions were being asked due to a change-over in our permitting systems, but that the second application should be processed smoothly.

- **Conclusion of the meeting**

[s.73 irrelevant information] Brent replied that we are working to expedite this application in the interest of human safety. He said that he does not have an issue with requesting for unlimited agile wallabies to be taken in the airfield, as this species poses a significant threat to safe aircraft operation and human safety. In the information provided (PMP), the risk that [s.73 irrelevant information] pose is inconsistent with the number requested. He commented that the size of a [s.73 irrelevant information] does not generally pose a risk to aircraft. Brent concluded by requesting that [s.73 irr] submit their previous Return of Operations forms to us while our Ecotrack system was being fixed.

s.73 irrelevant information

s.73 irrelevant information

**Hamilton Island**

## **Protected Wildlife Management Strategy August 2017**



## DOCUMENT CONTROL

Updates, revisions and alterations to this Protected Wildlife Management Strategy are recorded below in the Revision Record. Authority to make updates and alterations to this record is restricted to either the General Manager Engineering & Services or General Manager Civil Services & Operations who is authorised by s.73 in

s.73 irrelevant information to effect such changes.

| REVISION RECORD |                       |               |                  |                   |                                                                                                                             |               |
|-----------------|-----------------------|---------------|------------------|-------------------|-----------------------------------------------------------------------------------------------------------------------------|---------------|
| Version number  | Nature of revision    | Revision date | Page(s) affected | Sections affected | Actioned by (name, title)                                                                                                   | Action date   |
| 1.0             | New Template and Maps | August 2011   | All              | All               | s.73 irrelevant General Manager Engineering and Services                                                                    | August 2011   |
| 2.0             | Full Review           | November 2014 | All              | All               | s.73 irrelevant General Manager Engineering and Services<br>Jeanette Kirby, Department of Environment & Heritage Protection | November 2014 |
|                 | Full Review           | August 2017   | All              | All               | s.73 irrelevant General Manager Civil Services & Operations                                                                 | August 2017   |
|                 |                       |               |                  |                   |                                                                                                                             |               |
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## FOREWORD

To meet the requirements of Appendix 1 to CASR 1998 subparagraph 139.095(a)(ii) this Management Strategy outlines the procedures to deal with dangers to aircraft operations caused by the presence of birds or other animals on or near the aerodrome.

Birds specifically, and wildlife in general, are a threat to air safety, particularly if they are present on the airport and in the vicinity of runways. The aim of this Management Strategy is to minimise the hazard to aircraft operations created by the presence of birds or other animals on or in the vicinity of the airport. Whilst the ultimate goal of a wildlife management program would be to keep all airside sections of the airport free of all wildlife, this is neither practical nor possible.

The following guidelines have been developed based on the knowledge of local wildlife populations and the hazard that various species pose to aircraft. They are designed to allow s.73 irrelevant information to concentrate their efforts at times and locations when and where aircraft are most at risk from birds and other wildlife.

s.73 irrelevant information aims to reduce the risk of wildlife strikes. The data contained in this management strategy has been collated to provide information to s.73 irrelevant information Environmental Management staff.

## GLOSSARY OF BIRD AND OTHER WILDLIFE MANAGEMENT TERMS

| Term                   | Meaning                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Active Bird Management | The use of short-term management techniques such as distress calls, pyrotechnics, trapping and culling to disperse or remove birds.                                                                                                                                                                                                                                                                                                                                                                                     |
| Airside                | The movement area of the airport, adjacent terrain and buildings or portions thereof within the airport security fence line                                                                                                                                                                                                                                                                                                                                                                                             |
| Bird strike            | <p>A “reported bird or other animal strike” is deemed to have occurred whenever:</p> <p>A pilot reports a strike to the ATSB</p> <p>Aircraft maintenance personnel find evidence of a bird or other animal strike on an aircraft</p> <p>Personnel on the ground report seeing an aircraft strike one or more birds or other animals</p> <p>Bird or other animal remains are found on the airside pavement area, or within the runway strip, unless another reason for the bird or other animal’s death can be found</p> |

| Term                    | Meaning                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Bird strike (Continued) | <p>A “suspected bird or other animal strike” is deemed to have occurred whenever a bird or animal strike has been suspected by aircrew or ground personnel but upon inspection:</p> <p>No bird or animal carcass is found, and there is no physical evidence on the aircraft of the strike having occurred</p> <p>A “confirmed bird or other animal strike” is deemed to have occurred whenever:</p> <p>Aircrew report that they <i>definitely</i> saw, heard or smelt a bird strike</p> <p>Bird or other animal remains are found on the airside pavement area or within the runway strip, unless another reason for the bird or animal’s death can be found</p> <p>Aircraft maintenance personnel find evidence of a bird or other animal strike on an aircraft</p> <p>A “bird or other animal near miss” is deemed to have occurred whenever a pilot takes evasive action to avoid birds or other animals</p> <p>An “on-aerodrome bird or other animal strike” is deemed to be any strike that occurs within the boundary fence of the aerodrome, or where this is uncertain, where it occurred below 500 ft on departure and 200 ft on arrival</p> <p>A “bird strike in the vicinity of an aerodrome” is deemed to have occurred whenever a bird strike occurs outside the area defined as “on aerodrome” but within an area of 15 kilometres radius from the aerodrome reference point (ARP) or up to 1,000 feet above the elevation of the aerodrome.</p> <p>A “bird or other animal strike remote from the aerodrome” is deemed to have occurred whenever a bird strike occurs more than 15 kilometres from an aerodrome or more than 1,000 feet above the elevation of the aerodrome.</p> |
| Consequence             | The outcome of an event expressed qualitatively or quantitatively, being a loss, injury, disadvantage or gain. There may be a range of possible outcomes associated with an event.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Critical Area           | Areas within or in close proximity to the flight strip, approach and landing paths, and movement areas of an airport                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Foraging Habituation    | When birds search for and obtain food. The tendency for wildlife to become accustomed to certain stimulus when repeatedly exposed to it.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Hazard                  | A source of potential harm or a situation with potential to cause loss.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Loafing                 | When birds rest                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Migration               | When birds pass periodically from one region to another                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |

| Term                    | Meaning                                                                                                                                                 |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|
| Nocturnal Species       | A species which is most active during the night                                                                                                         |
| Passive Bird Management | The modification of habitat to render it less attractive to birds                                                                                       |
| Probability             | The likelihood of a specific event or outcome, measured by the ratio of specific events or outcomes to the total number of possible events or outcomes. |
| Raptor                  | Birds of prey such as eagles and falcons                                                                                                                |
| Risk                    | The chance of something happening that will have an impact upon objectives. It is measured in terms of consequences and probability                     |
| Risk Treatment          | The process of selection and implementation of measures to modify risk.                                                                                 |
| Roosting                | When birds repeatedly return to a particular place in numbers to loaf or spend the night.                                                               |
| Transit                 | When birds fly from one place to another.                                                                                                               |

## PHRASES / ACRONYMS

| Abbreviation                | Meaning                                                                    |
|-----------------------------|----------------------------------------------------------------------------|
| AOO                         | Airport Operations Officer                                                 |
| ARP                         | Aerodrome Reference Point                                                  |
| ASIC                        | Aviation Security Identification Card                                      |
| ATC                         | Air Traffic Control                                                        |
| ATSB                        | Australian Transport Safety Bureau                                         |
| CASA                        | Civil Aviation Safety Authority                                            |
| EPBC                        | Environment Protection & Biodiversity Conservation Act (Commonwealth) 1999 |
| FOD                         | Foreign Object Debris                                                      |
| s.73 irrelevant information |                                                                            |
| ICAO                        | International Civil Aviation Organisation                                  |
| NCA                         | Nature Conservation Act (Queensland) 1992                                  |
| EHP                         | Queensland Parks and Wildlife Service                                      |
| RPT                         | Regular Public Transport                                                   |
| RWY                         | Runway                                                                     |
| SPP                         | State Planning Policy July 2017                                            |

## 1. INTRODUCTION

### 1.1 Purpose

Occurrences involving aircraft striking wildlife, particularly birds, are the most common aviation occurrence reported to the Australian Transport Safety Bureau (ATSB). Strikes with birds continue to be a potential safety risk and present a significant economic risk for aerodrome and airline operators.

This Wildlife Management Strategy has been prepared in accordance with Civil Aviation Safety Regulations 1998 Part 139 (CASR Part 139) to provide particulars of the procedures to deal with danger to aircraft operations caused by the presence of birds or other animals on or near the aerodrome. As such this document forms the Wildlife Hazard Management Strategy for the s.73 irrelevant information As this document relates to the management of native wildlife protected under the Nature Conservation Act 1992. It is therefore intended to also fulfil the requirements of an 'approved property management plan' as provided for in the Nature Conservation (Administration) Regulation 2006.

### 1.2 Background Information

Between 2006 and 2015, there were 16,069 birdstrikes reported to the ATSB, most of which involved high capacity air transport aircraft. Both the number and rate of birdstrikes per 10,000 movements in high capacity operations have increased markedly in the past two years 2014 – 2015. In contrast, the number of birdstrikes in low capacity operations and general aviation has remained relatively consistent. In the two years since 2013, the rates for six of the ten major airports have increased relative to ten year averages. The largest increase in the rate of birdstrikes was observed at Cairns, Canberra, Darwin, Gold Coast and Sydney.

Domestic high capacity aircraft were those most often involved in birdstrikes, and the birdstrike rate per aircraft movement for these aircraft was significantly higher than all other categories. The number of engine bird ingestions for high capacity air transport operations had been increasing until 2011, but has since decreased slightly. Still, about one in ten birdstrikes for turbofan aircraft involved a bird ingested into an engine.

The four most commonly struck types of flying animal in the 2014 to 2015 period were: bats/flying foxes, Swallow/Martins, Kites, and Lapwings/Plovers. Swallows and Martins had the most significant increase in the number of reported birdstrikes per year in the last two years, with these species being involved in an average of 96 birdstrikes per year for 2014 and 2015 compared with 65 per year on average across the entire 10-year reporting period. Galahs were more commonly involved in birdstrikes of multiple birds, with more than 38 per cent of Galah strikes involving more than one Galah. However, larger birds were more likely to result in aircraft damage.

The latest ATSB report presents a new species mass analysis which estimates that over the ten years between 2006 and 2015, 766 kg of flying animals were struck per year by aircraft in Australia. Additionally, for every 1 kg increase in animal mass, the likelihood of a birdstrike causing damage increases by 12.5%.

Compared to birdstrikes, ground-based animal strikes are relatively rare. The most common animals involved were hares and rabbits, kangaroos, wallabies, and dogs / foxes. Damaging animal strikes mostly involved kangaroos, wallabies and livestock. (ATSB - Australian aviation wildlife strike statistics, February 2017)

### 1.3 Why Manage Wildlife?

Historically, over 90% of reported strikes between aircraft and wildlife have occurred on or in close proximity to airports. Consequently, the primary responsibility of management strategies to minimise or eliminate strikes rests with airport owners and operators. It is, however, important that the whole airport community (including airline operators) and surrounding land managers are aware of bird and other wildlife strikes as an issue and that all stakeholders become involved in the process of reducing the hazard wildlife represent to aircraft operations. It is imperative that the risk presented from wildlife attracting land use adjacent to the airport is also managed effectively.

### 1.3 Why Manage Wildlife? (Continued)

Examination of the available birdstrike statistics reveals that strikes are possible at all altitudes, but the likelihood of a strike substantially increases within close proximity to the airport environment (ICAO 1998).

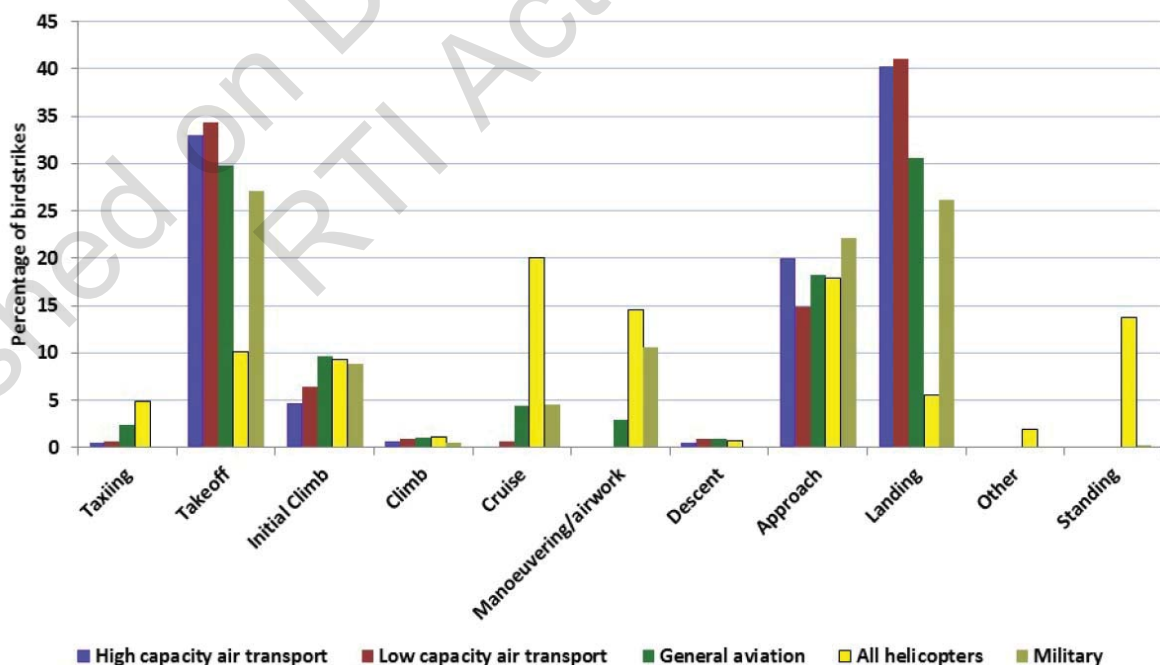
Here an airport is defined as 'a place where civil aircraft arrive and depart, with facilities for passengers and cargo, and including an aerodrome with large tracts of open level ground'.

According to Australian Transport Safety Bureau (ATSB) figures, Birdstrikes reported during landing were most common for all fixed-wing aircraft (39%), followed by take-off (33%), approach (19%) and initial climb (6%). This was similar for high capacity, low capacity, and general aviation aeroplanes.

Whilst statistics for strikes with non-birds are not available, it is reasonable to assume that most incidents with mammals and other wildlife would also occur within close proximity to the airport precinct, during aircraft take-off or landing and other ground movements.

Wildlife is attracted to airports for many reasons. The open grassed areas at many airports provide ideal feeding and resting areas for many species, including ground-nesting birds. Water, either lying in drains and spillways, or on adjacent lakes and dams provides an ideal environment for waterfowl and amphibians. The wooded environment surrounding the airport may also attract wildlife such as birds, fruit bats and macropods. Irrespective of why wildlife is attracted to airports, the potential for collisions with aircraft and the resultant economic damage and human injury are the main reasons why wildlife needs to be managed and sometimes controlled.

**Table 1 Proportion of birdstrikes by phase of flight (where known) and operation type, aggregated for the 2006-2015 period**



(ATSB - Australian aviation wildlife strike statistics, February 2017)

## 1.4 Wildlife Control and Management

Within Australia, there is a trend towards major airports having Protected Wildlife Management Strategies. These strategies may include control methods such as:

- Minimising bird nesting areas;
- Reducing the amount of free water lying on the airport ;
- Maintaining the grass at low height to deter animals;
- Minimising other food sources; and
- Dispersing animals with noise or light devices.

s.73 irr is committed to a zero tolerance for all bird and other wildlife that may be in a position, on or near the airport, which could cause damage or risk the safety of aircraft and passengers using s.73 irre. Despite the attempts of staff to deter wildlife from airports, some species may continue to cause concerns to or around the airport precinct. For these species lethal control is sometimes the only option. While the safety of aircraft and passengers at s.73 irr is paramount, all care is taken to ensure that the culling of birds and other wildlife is a last resort and this option is only used after all other bird and other animal "Move along" measures have been undertaken.

Part 139 of the Civil Aviation Safety Regulations 1998 regulates wildlife hazard management on Australian airports, but this does not address the wildlife hazard associated with off-airport hazards. In May 2012, the Department of Infrastructure and Transport released the National Airports Safeguarding Framework, which aims to develop informed land use planning regimes to safeguard airports and their adjacent communities. Guideline C of the Framework, Managing the Risk of Wildlife Strikes in the Vicinity of Airports, provides recommendations for the management of wildlife hazards within the International Civil Aviation Organization defined radial distances from airports of 3km, 8km and 13km. The Framework allocates risk categories to incompatible land uses (very low to high) and recommends actions for both existing and proposed developments (incompatible, mitigate, monitor, no action).

The Framework encourages a coordinated approach between airport operators and land use planning authorities, and where risks are identified for new developments, the Framework recommends:

- Developing a management program
- Establishing management performance standards
- Allowing for design changes and/or operating procedures where the land use is likely to increase the strike risk
- Establishing appropriate habitat management
- Creating performance bonds should obligations not be met
- Monitoring by airport authorities
- Reporting wildlife incidents as per Australian Transport Safety Bureau requirements.

Where off-airport locations are known to support hazardous populations, whether through the supply of food, water or shelter, their contribution to the strike risk must be assessed. Such assessments may determine that the risk is too low to require action, or that a significant strike event is inevitable if left unmanaged. Professional expertise may be required, and developing relationships with external stakeholders is essential.

## 1.5 Legislation

Australia has international obligations as a contracting state to the International Civil Aviation Organisation (ICAO). Australia's Civil Aviation Safety Authority (CASA) enacts and enforces the Civil Aviation Safety Regulations (1998).

The following legislation was taken into consideration when creating this Management Strategy:

- ICAO Annex 14;
- ICAO Airport Services Manual, Part 3
- Civil Aviation Safety Authority (CASA) advisory circular (AC126-0)
- Civil Aviation Safety Regulations (CASA) 1998, Part 139.B.2 – Aerodrome Manual;
- Civil Aviation Safety Officer (CASA) Manual Of Standards (MOS) – Part 139 – Aerodromes;
  - Section 10.1.4 – Aerodrome Safety Management System;
  - Section 10.2.7 – Birds or Animals on, or in the Vicinity of the Movement Area;
  - Section 10.14 – Bird and Animal Hazard Management;
  - Section 13.17 – Runway and Runway Strip Conditions;
- Air Navigation Act Section 19A & B;
- Transport Safety Act 2003 (requiring mandatory reporting of bird and other wildlife strikes);
- State Planning Policy July 2017 (pertaining to developments in the vicinity of airports QLD);
- Queensland Nature Conservation Act 1992;
- Environment Protection and Biodiversity Conservation Act 1999.

## 2. s.73 irrelevant information PRECINCT

### 2.1 Description and Location

The s.73 irrelevant information first came into being as a joint \$12 million venture between Ansett Airlines and Keith Williams, the entrepreneur who developed Hamilton Island. The Airport operated its first commercial jet service on 7 July 1984 with Ansett Airlines being the sole operator into the island. In April 1999 Qantas Airways commenced jet services into the airport with a daily B737 service from Brisbane. This was soon expanded to include a direct Sydney service.

In 2001 s.73 irrelevant information purchased the Aerodrome from Ansett Airlines and Bankers Trust. In September of that year Ansett Airlines went into receivership with Qantas Airways becoming the sole RPT operator into the Aerodrome. In June 2005 Virgin Blue commenced operations into the s.73 irrelevant information s.73 irrelevant information with a daily direct service from Brisbane. Today, the s.73 irrelevant information services a significant influx of air traffic from all phases of commercial, public and private enterprises.

Adequate facilities are provided at the Aerodrome. Itinerant, as well as permanent, parking bays are provided for a minimum charge. All the pavements for parking, apron and taxiways are bitumen sealed and clearly marked. Other usual services such as refuelling, inspection and hanger and maintenance facilities are catered for by the commercial enterprises located within the Aerodrome.

s.73 irrelevant information – Hamilton Island was originally licensed by CASA, under CAR (1988) 89C, on 22 December 1994. The Aerodrome was later certified by CASA under regulation 139.050 of the CASR's 1998 on 5 April 2006.

### 2.2 Information on Wildlife Strikes

ATSB data records the seasonal variation in birdstrikes and the frequency of birdstrikes among different individual airports. For the purposes of the ATSB, the s.73 irrelevant information at Hamilton Island occurs within the northern airport precinct in Australia. The s.73 irrelevant information Aerodrome Manual states that s.73 irrelevant information s.73 irrelevant information at Hamilton Island must monitor and record, on a regular basis, the presence of birds or animals on or in the vicinity of the aerodrome. Monitoring personnel must be suitably trained for this purpose.

Where regular monitoring confirms the existence of a bird or animal hazard to aircraft operations, or when CASA so directs, the Airport must produce a bird or animal hazard management plan.”

Table 2 lists the number of birdstrikes recorded in each state between 2006 and 2015. The ‘Unknown’ field in Table 2 indicates birdstrikes where it could not be determined where the birdstrike occurred.

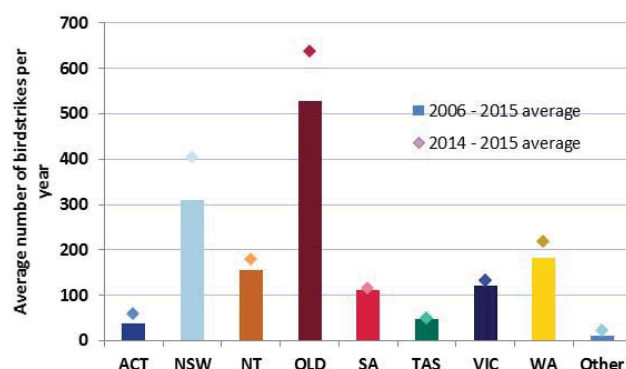
**Table 2 Number of birdstrikes per year by state, 2006 to 2015**

| State              | 2006         | 2007         | 2008         | 2009         | 2010         | 2011         | 2012         | 2013         | 2014         | 2015         | Total         |
|--------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|---------------|
| ACT                | 48           | 37           | 30           | 24           | 34           | 46           | 21           | 33           | 55           | 62           | 390           |
| NSW                | 222          | 256          | 259          | 295          | 291          | 330          | 296          | 351          | 398          | 413          | 3,111         |
| NT                 | 112          | 115          | 112          | 161          | 182          | 166          | 145          | 210          | 147          | 210          | 1,560         |
| QLD                | 396          | 412          | 454          | 470          | 589          | 558          | 516          | 605          | 615          | 657          | 5,272         |
| SA                 | 98           | 92           | 94           | 135          | 124          | 161          | 109          | 88           | 110          | 118          | 1,129         |
| TAS                | 41           | 62           | 56           | 51           | 55           | 36           | 43           | 48           | 60           | 36           | 488           |
| VIC                | 126          | 81           | 117          | 134          | 156          | 107          | 118          | 108          | 132          | 135          | 1,214         |
| WA                 | 159          | 138          | 124          | 156          | 152          | 210          | 256          | 198          | 249          | 188          | 1,830         |
| ATW <sup>5</sup>   | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 1            | 2            | 3             |
| Other <sup>6</sup> | 3            | 4            | 9            | 9            | 9            | 7            | 12           | 9            | 18           | 25           | 105           |
| Unknown            | 29           | 61           | 84           | 73           | 108          | 127          | 125          | 95           | 161          | 131          | 994           |
| <b>Total</b>       | <b>1,234</b> | <b>1,258</b> | <b>1,339</b> | <b>1,508</b> | <b>1,700</b> | <b>1,748</b> | <b>1,641</b> | <b>1,745</b> | <b>1,946</b> | <b>1,977</b> | <b>16,096</b> |

(ATSB - Australian aviation wildlife strike statistics, February 2017)

Table 3 shows the average number of birdstrikes per year from 2006 to 2015 (columns), compared with that for the last 2 years of the reporting period (2014 and 2015) (data points). Relative to the 10-year average, in the past 2 years (2014 – 2015), Tasmania had the smallest increase in birdstrikes per year, with no increase in 2014 – 2015, relative to the ten year average. In descending order, Australian Territorial Islands (denoted as ‘Other’), Australian Capital Territory, New South Wales, and Queensland and the had the highest percentage increase in the last 2 years when compared with the 10-year average. It is important to note that very few birdstrikes occurred in the Australian Territorial Islands over the last 10 years.

**Table 3 Average birdstrikes per year by state, 2006 to 2015**



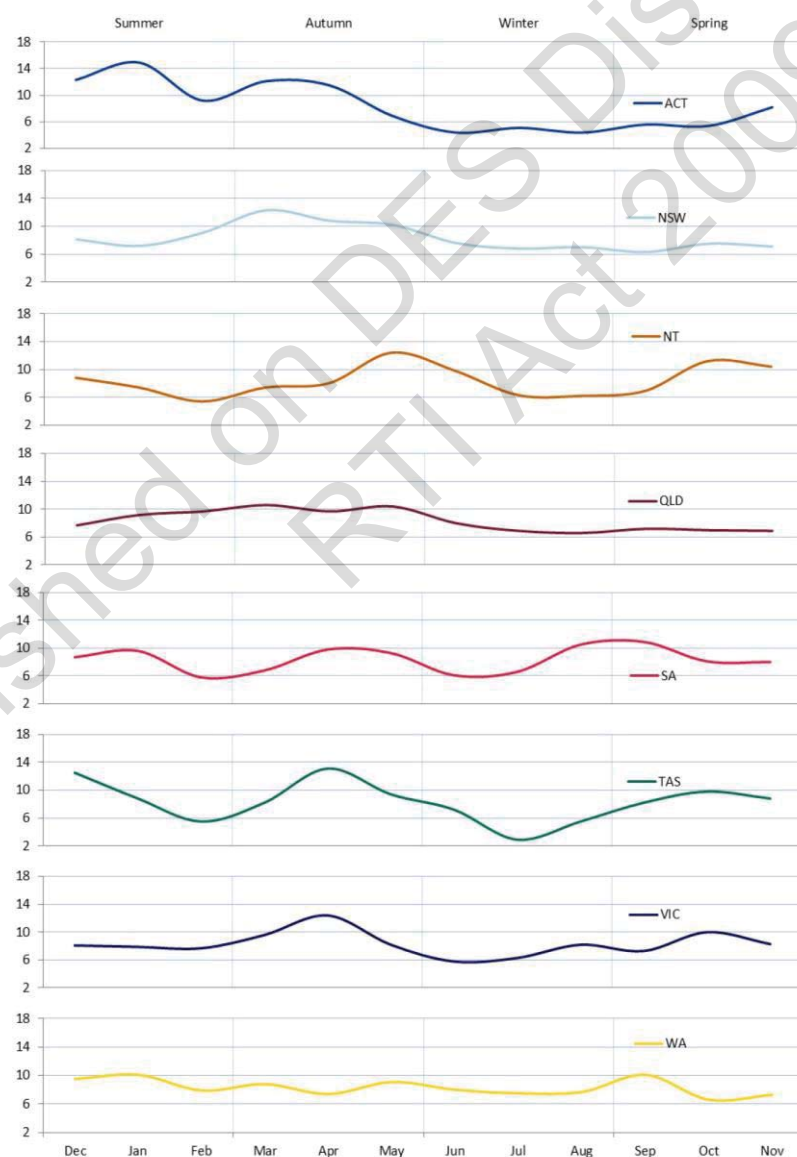
(ATSB - Australian aviation wildlife strike statistics, February 2017)

There is considerable variation in aircraft movement types and sizes between airports. <sup>s.73.ir</sup> has comparatively fewer large aircraft (over 7000kg) movements to some of the other major Australian airports. Large aircraft are more prone to bird strike due to their size, speed and engine intake size, whereas helicopter and light aircraft tend to be less prone to bird strike. In recent years, the number of large, jet aircraft using <sup>s.73.ir</sup> has increased to over 50 scheduled services per week, therefore increasing the potential occurrence of bird strike due to the size, speed and engine intake size and number of aircraft using the airport.

Bird behaviour, movement patterns and different species are likely to have a strong influence on the data in Table 2. For these reasons the data from the northern airports and southern airports are not strictly comparable, but they do illustrate that birdstrikes per se are an Australia-wide phenomenon and the strike rate is relatively constant across the country.

The below figure shows birdstrikes by season and by state. Considering all states, July has the lowest number of birdstrikes on average, with 6.4 per cent of the yearly average for the 10-year period. In comparison, over 10 per cent occurred in both October and March. There was some variability observed across all states; however, most have one or two distinct peaks.

**Percentage of total yearly reported birdstrikes occurring each month by state, averaged for the 2006-2015 period**



(ATSB - Australian aviation wildlife strike statistics, February 2017)

3. WILDLIFE SPECIES INVOLVEMENT & HAZARD POTENTIAL AT THE s.73 irrelevant information

3.1 List the Species

An understanding of the species most frequently involved with strikes to aircraft is vital to the development of practical control and avoidance methods.

Table 4 shows the total number of birdstrikes by bird type, distributed by state. The data is presented in order of the most commonly struck bird types nationwide, and includes all bird types that were involved in 70 or more birdstrike occurrences nationally between 2006 and 2015.

Flying foxes and bats continue to be the most commonly struck species in Australia for the 2006 to 2015 period, with the majority of flying fox and bat strikes occurring at locations on the east coast of Australia. It is likely that the majority of these occurrences involve flying foxes, however, bats and flying foxes are reported as a combined group as flying foxes are often reported as bats

Since the last edition of the ATSB report, Kites have replaced Lapwing/Plovers as the second most frequently struck bird type. It can be seen that the Kite group is made up of birds that are reported as being either Kites, Black Kites, Kite-Hawks, Whistling Kites, Black-shouldered Kites, and Fork-tailed Kites.

Birds in the Lapwing/Plover family were the third most frequently struck; however, it is likely that this is influenced by the broad species range included in this bird type (Banded Plover, Black-fronted Plover, Dotterel, Lapwing, Masked Lapwing, Masked Plover, Oriental Plover, Pacific Golden Plover, Plover, Spur-winged Plover).

The four bird types most commonly involved in birdstrikes between 2014 and 2015. Clockwise from top left; Bat/Flying Fox, Kite, Lapwing Plover and Swallows/Martins.



**Table 4 Birdstrikes by bird type and state, 2006 to 2015**

| <b>Bird Type</b> | <b>ACT</b> | <b>NSW</b> | <b>NT</b> | <b>QLD</b> | <b>SA</b> | <b>TAS</b> | <b>VIC</b> | <b>WA</b> | <b>Other</b> | <b>Total</b> |
|------------------|------------|------------|-----------|------------|-----------|------------|------------|-----------|--------------|--------------|
| Bat/Flying Fox   | 5          | 322        | 71        | 537        | 8         | 0          | 39         | 34        | 0            | <b>1016</b>  |
| Kite             | 0          | 81         | 277       | 426        | 9         | 0          | 29         | 108       | 0            | <b>930</b>   |
| Lapwing/Plover   | 14         | 174        | 107       | 176        | 58        | 142        | 45         | 149       | 0            | <b>865</b>   |
| Galah            | 110        | 308        | 27        | 132        | 130       | 2          | 44         | 73        | 0            | <b>826</b>   |
| Swallow/Martin   | 11         | 120        | 40        | 328        | 38        | 18         | 25         | 68        | 2            | <b>650</b>   |
| Nankeen Kestrel  | 15         | 105        | 32        | 219        | 54        | 1          | 11         | 126       | 18           | <b>581</b>   |
| Magpie           | 32         | 135        | 3         | 87         | 113       | 4          | 110        | 29        | 0            | <b>513</b>   |
| Magpie-lark      | 1          | 50         | 25        | 121        | 129       | 3          | 10         | 30        | 0            | <b>369</b>   |
| Hawk             | 7          | 76         | 16        | 108        | 21        | 10         | 13         | 65        | 1            | <b>317</b>   |
| Pipit            | 12         | 79         | 11        | 43         | 0         | 25         | 58         | 43        | 0            | <b>271</b>   |
| Silver Gull      | 1          | 66         | 1         | 13         | 42        | 29         | 58         | 42        | 4            | <b>256</b>   |
| Curlew/Sandpiper | 0          | 3          | 95        | 122        | 1         | 1          | 0          | 11        | 3            | <b>236</b>   |
| Duck             | 22         | 44         | 4         | 82         | 2         | 6          | 13         | 54        | 3            | <b>230</b>   |
| Dove             | 0          | 39         | 15        | 60         | 64        | 1          | 25         | 20        | 3            | <b>227</b>   |
| Pratincole       | 0          | 0          | 143       | 24         | 0         | 0          | 0          | 20        | 0            | <b>187</b>   |
| House Sparrow    | 2          | 30         | 5         | 72         | 11        | 14         | 30         | 16        | 0            | <b>180</b>   |
| Heron/Egret      | 0          | 25         | 6         | 115        | 2         | 0          | 5          | 8         | 10           | <b>171</b>   |
| Owl              | 0          | 25         | 10        | 39         | 7         | 0          | 16         | 44        | 1            | <b>142</b>   |
| Ibis             | 2          | 32         | 4         | 78         | 4         | 0          | 12         | 5         | 0            | <b>137</b>   |
| Parrot           | 0          | 9          | 21        | 35         | 11        | 0          | 1          | 26        | 0            | <b>103</b>   |
| Crow/Raven       | 6          | 12         | 7         | 37         | 10        | 7          | 14         | 8         | 0            | <b>101</b>   |
| Finch            | 0          | 5          | 19        | 18         | 1         | 22         | 4          | 22        | 2            | <b>93</b>    |
| Eagle            | 0          | 13         | 8         | 32         | 1         | 3          | 6          | 24        | 0            | <b>87</b>    |
| Swift            | 0          | 15         | 0         | 61         | 0         | 0          | 0          | 3         | 1            | <b>80</b>    |
| Falcon           | 0          | 11         | 17        | 14         | 2         | 1          | 12         | 19        | 0            | <b>76</b>    |
| Starling         | 1          | 15         | 1         | 9          | 12        | 17         | 14         | 3         | 1            | <b>73</b>    |

(ATSB - Australian aviation wildlife strike statistics, February 2017)

### 3.2 Specific Management Actions

The initial management action is to physically separate wildlife from airports. This is best achieved through adequate boundary fencing that is of sufficient gauge to prevent entry of most wildlife species. However, active wildlife management also involves scaring, or removing, wildlife from the airport. There are numerous options available to achieve this task, some of which have limited effects in the long term as species become accustomed to them. Usually, a combination of techniques, and persistence over time, provide the best results. The following active management options may be considered:

| Technique                                   | Species                             |
|---------------------------------------------|-------------------------------------|
| Fencing airport boundaries                  | Deer, wallaby, reptiles, amphibians |
| Dispersing wildlife using scaring devices   | Bats, various birds                 |
| Occasional killing via shooting             | Deer, wallaby, some birds           |
| Using trained animals to rouse and scare    | Birds                               |
| Removing or limiting food sources           | Mammals, birds, reptiles, amphibian |
| Insect control (eg midges and grasshoppers) | Birds, amphibians                   |
| Management of nearby attractions            | Mammals, birds                      |

### 3.3 Identification of Habituated Birds

Habituated birds are defined as those individuals that actively solicit or accept food from people, and then aggressively defend that food from other birds or people. These individuals exhibit unusual and delinquent behaviour in that they preferentially co-habit with people rather than their congeners in modified environments such as human eating areas where they may aggressively take food from people. Habituated birds can be identified by painlessly marking them with water-based paint and then subsequently observing them in the same environments over time. Habituated birds have the potential to transfer diseases such as giardia and psitticosis to people, and cause physical harm by scratching and biting people. The birds are themselves unhealthy because of eating excessive amounts of inappropriate food.

### 3.4 Euthanasia of Habituated Birds

All euthanasia methods are designed to achieve a humane and, where possible, a quick and pain-free death. Developing humane protocols for euthanasia of wildlife involves understanding that the behavioural responses of wildlife to capture and close human contact are very different to those of domestic animals. The birds are usually frightened and distressed by human restraint and are likely to vocalise. Thus minimising the amount, degree, and/or cognition of human contact during procedures that require handling is of the utmost importance. Minimisation of auditory, visual, and tactile stimulation will help ensure the most stress free euthanasia possible.

Due to the built up environment on Hamilton and Dent Islands, it is necessary that habituated birds be caught in a net or similar device and immediately transferred to a dark space and removed from public view. Euthanasia would then be best achieved by administration of intra-peritoneal injection of barbiturate by a veterinarian.

The intra-peritoneal injection of barbiturate anaesthetic should be considered preferable over intravenous injections as additional restraint will increase stress to the bird and danger to the operator. In addition, it is considered humane for some smaller bird species to use cervical dislocation and CO<sub>2</sub> asphyxiation as a method of euthanasia; however CO<sub>2</sub> is considered unsuitable for any bird weighing over 600g. A list of the possible

species of habituated birds that may be encountered on Hamilton Island, and the recommended best-practise method of euthanasia, is provided in the Table at the end of this section.

Major reduction programs using external contractors will use all euthanasia options. Outside of these programs, destruction of habituated birds, or birds necessarily destroyed because of disease or injury, will be achieved by shooting using licensed and competent operators.

In conjunction with a targeted removal and euthanasia program for habituated birds the company proposes to establish a 'nuisance bird management advice' communication strategy to inform concerned staff and the public of the reasons why the habituated birds need to be removed from Hamilton Island. In addition emphasis will be on preventing further habituation through continuing education of staff and guests.

| Habituated bird species that may be encountered on Hamilton and Dent Islands | Recommended best-practice method of euthanasia                                                                        |
|------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------|
| Silver Gull                                                                  | intra-peritoneal injection of barbiturate by a veterinarian; shooting                                                 |
| Magpie Lark                                                                  | cervical dislocation; CO <sub>2</sub> asphyxiation by a veterinarian or person with equivalent experience; shooting   |
| Masked Lapwing                                                               | intra-peritoneal injection of barbiturate by a veterinarian; shooting                                                 |
| Laughing Kookaburra                                                          | intra-peritoneal injection of barbiturate by a veterinarian; shooting                                                 |
| Strew-Necked Ibis                                                            | intra-peritoneal injection of barbiturate by a veterinarian; shooting                                                 |
| Rainbow Lorikeet                                                             | cervical dislocation or CO <sub>2</sub> asphyxiation by a veterinarian or person with equivalent experience; shooting |
| Sulphur Crested Cockatoo                                                     | intra-peritoneal injection of barbiturate by a veterinarian; shooting                                                 |
| Torresian Crow                                                               | intra-peritoneal injection of barbiturate by a veterinarian; shooting                                                 |
| Pied Currawong                                                               | intra-peritoneal injection of barbiturate by a veterinarian; shooting                                                 |

### 3.5 Habituated Bird Management Matrix

Birds which are clinically identified as unhealthy and diseased by veterinarians, wildlife biologists, bird handlers and raptor consultants who are physically on-island for approximately 20 weeks per annum will be euthanased on humane grounds with no reference to the following matrix.

Outside of these times in the event that birds are identified as obviously diseased or injured, they may be euthanased by nominated persons at the request of senior s.73 managerial staff.

Other birds will need to meet the following criteria to be identified as habituated before euthanasia will be considered.

| Behaviour                                                                                    | Level of Habituation | Frequency of Behaviour                       |
|----------------------------------------------------------------------------------------------|----------------------|----------------------------------------------|
| Aggressive, demanding, food seeking behaviour on tables of restaurants or food service areas | High                 | Three consecutive days, or four times weekly |
| Overt aggression to staff and guests                                                         | High                 | Three consecutive days, or four times weekly |
| Harassing behaviour at periphery of food service areas                                       | Low                  | Daily for a fortnight                        |

Identification of habituated birds and subsequent record keeping with respect to habituated birds will be the responsibility of consultant veterinarians and wildlife biologists. Birds identified as having low-level habituation will be noted and recorded by on-island staff.

An alternative management strategy is to develop a decision matrix that outlines specific management actions for each species of concern. An example is provided as Table 5.

**Table 5 Wildlife Management Actions**

| Issue                                                                                                                         | Actions                                                                                                                                            |                 | Agile wallabies |                             |
|-------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|-----------------|-----------------------------|
| <b>Encourage living with wildlife in a safe and sustainable manner</b>                                                        | Promote value of native wildlife through education, brochures, talks etc. Information in guest rooms on issues of attracting and feeding wildlife. |                 |                 |                             |
| <b>Removal of food attractants to wildlife.</b>                                                                               | All inductions for staff include the importance of not leaving food scraps.                                                                        |                 |                 |                             |
| <b>Addresses issues of harassment, damage to buildings, removal of property, bird faeces on furniture and infrastructure.</b> | Ensure that tables are cleared of food and other sources of attractions for animals                                                                |                 |                 |                             |
| <b>Education</b>                                                                                                              | Education program for staff and guests on problems caused by feeding wildlife.                                                                     |                 |                 |                             |
|                                                                                                                               | Install clear "no feeding wildlife" signs in key areas                                                                                             |                 |                 |                             |
|                                                                                                                               | Use rubbish bins with latched lids preventing wildlife accessing food.                                                                             |                 |                 |                             |
|                                                                                                                               |                                                                                                                                                    | s.73 irrelevant |                 | s.73 irrelevant information |

s.73 irrelevant information

| Issue                                                                                        | Actions                                                                                         |                 | Agile wallabies |                             |
|----------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|-----------------|-----------------|-----------------------------|
| <b>Manage health issues and encourage problem species to relocate away from the airport.</b> | Construct a raptor nesting pole as per specification (resort and airport wildlife implications) |                 |                 |                             |
|                                                                                              | Remove diseased individuals                                                                     |                 | •               |                             |
|                                                                                              | Eradicate population, where possible                                                            |                 | •               |                             |
|                                                                                              | Block holes where native animals can gain access to ceilings and roof cavities.                 |                 |                 |                             |
| <b>Building design to limit potential for damage caused by wildlife</b>                      | Use materials that are not easily damaged by wildlife.                                          |                 |                 |                             |
| <b>Removal of property by wildlife</b>                                                       | Install automatic closing doors                                                                 |                 |                 |                             |
|                                                                                              | Replace insect mesh with security mesh.                                                         |                 |                 |                             |
|                                                                                              | Inform guests and staff to keep doors and windows closed that allow wildlife into buildings     |                 |                 |                             |
| <b>Damage to island ecology</b>                                                              | Eradicate population, where possible                                                            |                 | •               |                             |
|                                                                                              | Remove problem animals with reduced take over a two-year period.                                |                 | •               |                             |
|                                                                                              |                                                                                                 | s.73 irrelevant |                 | s.73 irrelevant information |

### 3.5 Habituated Bird Management Matrix (Continued)

All wildlife management strategies should seek to initially make the airport as undesirable as possible to wildlife through habitat modification. Simple and relatively inexpensive techniques deter many species of wildlife. Ensuring that grasses are mowed to 50mm and/or every 2-3 weeks during wetter periods, or at other appropriate times may also deter many ground feeding and nesting species.

## 4. MANAGEMENT ACTION

### 4.1 Wildlife Hazard Management

The following hazard management plan describes a system (ATSB 2003) for objectively managing the implementation of wildlife hazard management plans at airports. Five assessment categories, each with a list of sub-categories to be evaluated, are used to indicate the performance of the airport wildlife hazard management plan. These categories are:

|                   |                                                                                        |
|-------------------|----------------------------------------------------------------------------------------|
| <b>Category 1</b> | Management functions related to wildlife hazards at or in the vicinity of the airport. |
| <b>Category 2</b> | Bird control at or in the vicinity of the airport.                                     |
| <b>Category 3</b> | Mammal control at or in the vicinity of the airport.                                   |
| <b>Category 4</b> | Management of wildlife habitat and food sources on airport property.                   |
| <b>Category 5</b> | Land uses and food sources off-airport that may impact on wildlife hazards on-airport. |

The elements within categories 1-4 assess the degree that management programs have been implemented. The elements of category 5 are rated as the degree of hazard posed. All elements can be modified to address any unique situations on s.73 irrelevant information at Hamilton Island. During a wildlife hazard assessment, the following elements can be used within categories 1-4:

|           |                   |                                                                                                                                                                                                         |
|-----------|-------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>S</b>  | Satisfactory      | If an assessor finds that the airport has initiated action to reduce a wildlife hazard according to the plan and is on schedule, the action would be 'satisfactory'.                                    |
| <b>U</b>  | Unsatisfactory    | If no measure has been taken, or inappropriate action has been taken, the assessment would be 'unsatisfactory'.                                                                                         |
| <b>NI</b> | Needs Improvement | If implementation of a control measure is behind schedule or only partially completed, the assessment may be either 'needs improvement' or 'unsatisfactory' depending on the seriousness of the hazard. |
| <b>NA</b> | Not Applicable    | If it apparent that a certain technique is not applicable to the airport, the assessment would be 'not applicable'.                                                                                     |

The elements for scoring category 5 include:

|          |                                                                                              |
|----------|----------------------------------------------------------------------------------------------|
| <b>0</b> | Land use, of food source, not present to create a hazard.                                    |
| <b>1</b> | Present but no wildlife problems noticed or anticipated.                                     |
| <b>2</b> | Sites attract some hazardous wildlife creating possible problems; sites should be monitored. |
| <b>3</b> | Site creates significant wildlife hazard for airport; action should be implemented.          |

The complete wildlife hazard assessment protocol follows.

### Category 1

#### Management functions related to wildlife hazards at or in the vicinity of the airport.

Assessment codes are S, U, NI or NA for each sub-category

|      |                                                                                                                                                                           |    |
|------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|
| 1.1  | Acquiring wildlife control permits from relevant authorities.                                                                                                             | S  |
| 1.2  | Arranging for wildlife hazard assessments or other studies to evaluate hazard potential of wildlife attracted by habitats, land uses and food sources on the airport.     | NI |
| 1.3  | Developing a Wildlife Hazard Management Plan based on the wildlife hazard assessments.                                                                                    | S  |
| 1.4  | Defining and delegating authority and responsibility for the Wildlife Hazard Management Plan.                                                                             | S  |
| 1.5  | Supervising, implementing, and co-ordinating the [s.73 irrelevant information] Wildlife Hazard Management Plan.                                                           | S  |
| 1.6  | Annual evaluation of the [s.73 irrelevant information] Wildlife Hazard Management Plan.                                                                                   | U  |
| 1.7  | Training personnel responsible for implementing [s.73 irrelevant information] Protected Wildlife Management Strategy.                                                     | NI |
| 1.8  | Operating wildlife patrol system with trained field staff, and conducting wildlife control when needed.                                                                   | S  |
| 1.9  | Establishing communication between wildlife management and air traffic control personnel.                                                                                 | S  |
| 1.10 | Establish and maintain a system of warning pilots about wildlife hazards on [s.73 irrelevant information] Hamilton Island.                                                | S  |
| 1.11 | Ensuring that airport habitats are managed to reduce, and preferably eliminate, wildlife attractions.                                                                     | S  |
| 1.12 | Ensuring that airport policy prohibits feeding of wildlife and exposure of food wastes                                                                                    | S  |
| 1.13 | Interacting with adjacent landowners to ensure that land use does not create wildlife hazards in the vicinity of [s.73 irrelevant information] at Hamilton Island.        | S  |
| 1.14 | Maintaining a daily log of wildlife control activities, wildlife activity and reported strikes and wildlife remains found on runways identified to species (if possible). | S  |
| 1.15 | Reporting all wildlife strikes to ATSB.                                                                                                                                   | S  |

## Category 2

Bird control at or in the vicinity of the airport.

Assessment codes are S, U, NI or NA for each sub-category

| Non-lethal management, in descending order of effectiveness |                                                                                   |    |
|-------------------------------------------------------------|-----------------------------------------------------------------------------------|----|
| 2.1                                                         | Grass management.                                                                 | S  |
| 2.1                                                         | Thinning or removal of roosting trees and shrubs, including reducing understorey. | NI |
| 2.3                                                         | Wildlife patrols in vehicles.                                                     | S  |
| 2.4                                                         | Shooting to scare.                                                                | S  |
| 2.5                                                         | Use of trained predatory birds.                                                   | NI |
| 2.8                                                         | Use of bioacoustics, such as distress calls.                                      | NI |
| 2.9                                                         | Use of electronically generated noise.                                            | NI |
| 2.10                                                        | Use of propane guns.                                                              | NA |
| 2.11                                                        | Use of pyrotechnics.                                                              | NA |
| 2.12                                                        | Netting hanger rafters.                                                           | NA |
| 2.13                                                        | Perching deterrents such as needles and tanglefoot gels.                          | NI |
| 2.14                                                        | Overhead wires for ponds, lakes and roofs.                                        | NA |
| 2.15                                                        | Chemical repellents.                                                              | NA |
| 2.16                                                        | Dogs.                                                                             | NA |
| 2.17                                                        | Radio-controlled aircraft.                                                        | NA |
| Lethal Management                                           |                                                                                   |    |
| 2.18                                                        | Shooting.                                                                         | S  |
| 2.19                                                        | Chemical capture with alpha-chloralose.                                           | NA |
| 2.20                                                        | Nest and /or egg destruction.                                                     | NI |
| 2.21                                                        | Trapping.                                                                         | NI |

## Category 3

Mammal control at or in the vicinity of the airport.

Assessment codes are S, U, NI or NA for each sub-category

| Non-lethal control |                                                  |    |
|--------------------|--------------------------------------------------|----|
| 3.1                | Grids and guards at entry points.                | U  |
| 3.2                | Fencing.                                         | NI |
| 3.3                | Vehicle patrols.                                 | S  |
| 3.4                | Propane guns.                                    | NA |
| 3.5                | Pyrotechnics.                                    | NA |
| 3.6                | Mammal-resistant sheathing on electrical cables. | NI |
| 3.7                | Live trapping and relocation.                    | NI |
| Lethal control     |                                                  |    |
| 3.8                | Shooting.                                        | S  |
| 3.8                | Live trapping and relocation or euthanasia.      | NA |

#### Category 4

Management of wildlife habitat and food sources on airport property.

Assessment codes are S, U, NI or NA for each sub-category

| Vegetation management     |                                                       |    |
|---------------------------|-------------------------------------------------------|----|
| 4.1                       | Mowing.                                               | S  |
| 4.2                       | Landscaping.                                          | NI |
| 4.3                       | Woodland management.                                  | NA |
| 4.4                       | Nesting sites for ibis and cockatoos.                 | NI |
| Waste management          |                                                       |    |
| 4.5                       | Feeding wildlife by people.                           | NI |
| 4.6                       | Food waste storage.                                   | S  |
| 4.7                       | Garbage disposal.                                     | S  |
| 4.8                       | Sewage treatment ponds.                               | S  |
| 4.9                       | Weeds, construction debris, compost dumps.            | NI |
| 4.10                      | Animal carcasses.                                     | S  |
| Water management          |                                                       |    |
| 4.11                      | Aquatic vegetation.                                   | NA |
| 4.12                      | Ditches, and waterways.                               | NI |
| 4.13                      | Retention ponds.                                      | NI |
| Miscellaneous attractants |                                                       |    |
| 4.14                      | Insect hatches from vegetation, water or soil         | NI |
| 4.15                      | Flower and seed-producing vegetation.                 | NI |
| 4.16                      | Built structures such as hangers, towers, signs, etc. | NI |

#### Category 5

Land uses and food sources off-airport that may impact on wildlife hazards on-airport.

Assessment codes are 0, 1, 2 or 3 for each sub-category

| Commercial land uses               |                                     |   |
|------------------------------------|-------------------------------------|---|
| 5.1                                | Restaurants                         | 3 |
| 5.2                                | Picnic areas and parks              | 2 |
| 5.3                                | Marina                              | 1 |
| 5.4                                | Golf courses                        | 1 |
| Waste management                   |                                     |   |
| 5.5                                | Garbage dumps and transfer stations | 2 |
| 5.6                                | Sewage lagoons                      | 1 |
| Water sources                      |                                     |   |
| 5.7                                | Retention ponds                     | 2 |
| 5.8                                | Lakes, ditches                      | 2 |
| Nesting, roosting or feeding areas |                                     |   |
| 5.9                                | Marshes, tidal flats and beaches    | 2 |
| 5.10                               | Roosting and nesting trees          | 2 |

## 5. REFERENCES

Australian Transport Safety Bureau (ATSB) (2017). Australian aviation wildlife strike statistics 2006-2015. Department of Infrastructure and Regional Development.

Australian Transport Safety Bureau (ATSB) (2003). The Hazard Posed to Aircraft by Birds. Department of Infrastructure and Regional Development.

Australian Transport Safety Bureau (ATSB) (2009). Aviation Occurrence Statistics: January 1999 - June 2009. Department of Infrastructure and Regional Development.

Australian Airports Association (AAA) (2015). Managing Bird Strike Risk and Species Information Sheet.

## 6. REVIEW OF THE PROTECTED WILDLIFE MANAGEMENT STRATEGY

As required by the Australian Civil Aviation Safety Authority, this Wildlife Management Strategy has been prepared in accordance with Civil Aviation Safety Regulations 1998 Part 139 (CASR Part 139) to provide particulars of the procedures to deal with danger to aircraft operations caused by the presence of birds or other animals on or near the aerodrome. As such this document forms the Wildlife Hazard Management Strategy for the [s.73 irrelevant information]

The organisations responsible for coordinating this plan are the [s.73 irrelevant information]

[s.73 irrelevant information] The Strategy is authorised by the General Manager, Civil Services & Operations, and [s.73 irrelevant information]  
[s.73 irrelevant information]

The Protected Wildlife Management Strategy, from its date of acceptance, will be valid for the term of the Damage Mitigation Permit (DMP). At the end of the term of the DMP, a detailed assessment will be jointly conducted by [s.73 irrelevant information] and EHP.

Acceptance of this Plan

[s.73 irrelevant information]

[s.73 irrelevant information]

Signature: [s.73 irrelevant information]

For: [s.73 irrelevant information]

Date: 29/08/2017

## APPENDIX 1 Bird Strike Report used on s.73 irrelevant information at Hamilton Island

 Australian Government  
Australian Transport Safety Bureau

About the ATSB | Safety Awareness | **Aviation** | Marine | Rail

Search this website

---

**Aviation**

- Aviation safety
- Aviation safety investigations and reports
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- Aviation publications
- Aviation statistics
- Aviation occurrence database
- Flight Crew Licence Check
- Aviation REPCON
- Hazards at aviation accident sites: Guidance for police and emergency personnel
- Terminology, investigation procedures and deciding whether to investigate
- Mandatory aviation accident or incident notification
- REPCON - Aviation Confidential Reporting Scheme
- Aviation Self-Reporting (ASRS)
- Aviation mandatory reporting consultation

Home > Aviation > Aviation accident or incident notification form

### Aviation accident or incident notification form

Accidents and serious incidents (commonly called [Immediately Reportable Matters](#)), which affect the safety of aircraft must, in the first instance, be notified to the ATSB by telephone toll-free call - 1800 011 034. If telephoning from outside Australia, please use +61 2 6230 4408 (toll free).

 Notify the ATSB by telephone toll-free  
**1800 011 034**

Important information about [making a notification and information disclosed to CASA](#).

Next page >> Resume progress Save progress 0%

#### Summary

##### Person reporting

Name \*   
Phone \*   
Email \*   
Role:

##### Type of event

These questions help to determine how much information to ask you for. We will not ask you to supply more information than necessary.

Did the event involve?:

- ☐ Bird/animal strike
- ☐ Mechanical/System problem
- ☐ Near collision between two aircraft

##### Summary of event

Date \*   
Local Time (24hr) \*   
State \*   
Location \*   
Damage to aircraft \*   
Most serious injury \*

Please provide an overall summary of what happened. \*

Please enter summary...

You can come back to this screen to make changes. On the following screens we will ask for more information based on the type of event

Next page >> Resume progress Save progress 0%

For assistance contact the ATSB by telephone toll-free - 1800 011 034.

 Share  Feedback

Last update 16 November 2016

APPENDIX 2 Certificate of staff authorised to participate in the s.73 irre PWMS

C E R T I F I C A T E   O F   C O M P L E T I O N



AUSTRALIAN  
AIRPORTS  
ASSOCIATION

This certifies that

s.73 irrelevant information

has completed the  
Australian Airports Association  
Online Wildlife Hazard Management Essentials  
Course

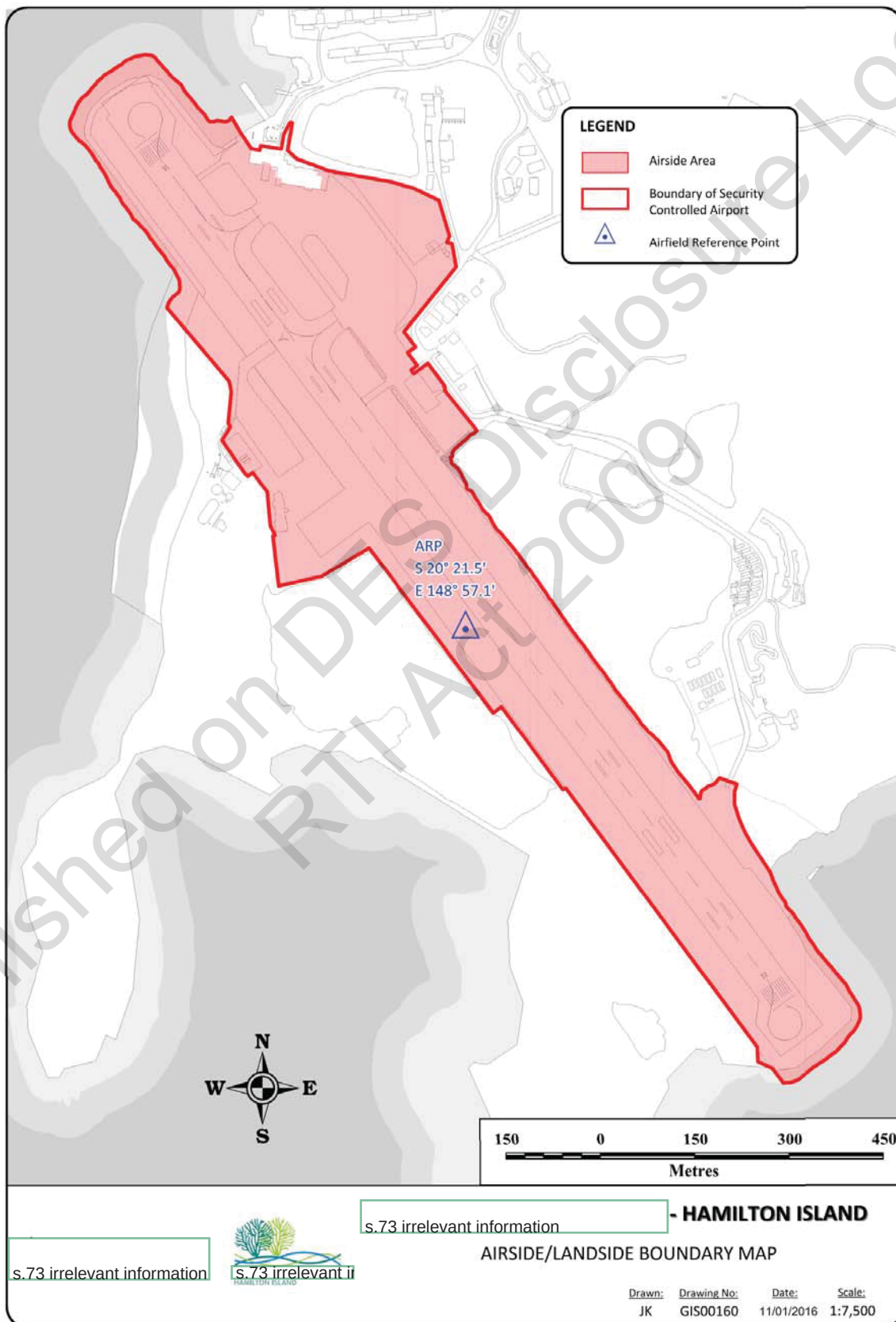
21 June 2017

sch4p4( 6) Personal informa  
Chief Executive Officer



## APPENDIX 4 Airside Plan - Airport Plan showing extremities of Airside

Area covered by this PWMS



# Assessment form

## Damage mitigation permit (culling and dispersal)

*This form is to be used to assess an application for a damage mitigation permit (DMP) under the Nature Conservation (Wildlife Management) Regulation 2006 (the Wildlife Management Regulation) for culling of protected wildlife other than commercially harvested macropods only, or flying-foxes. This form can however be used for commercially harvested macropods in circumstances where they are requested on a DMP application in addition to other species (e.g. birds or non-commercial macropods).*

**Date:**

04/12/2017

**Assessing Officer:**

Laura Affleck

**Project Ref:**

APP0008917

**Permit Ref:**

### 1. Applicant name and address:

A wildlife authority may only be granted to an individual or corporation (only if the corporation has an office within Queensland).

Individual ☐Corporation ☒

**Assessment form**

**Damage mitigation permit (culling and dispersal)**

|                                    |                                                                                                                                                                                                                                                          |                                   |
|------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------|
| Applicants:                        | <div>s.73 irrelevant information</div>                                                                                                                                                                                                                   |                                   |
| Person in charge (if corporation): | <div>s.73 irrelevant info</div>                                                                                                                                                                                                                          |                                   |
| Company name:                      | <div>s.73 irrelevant information</div>                                                                                                                                                                                                                   | ABN/ACN number<br>090 590 891     |
| Property name:                     |                                                                                                                                                                                                                                                          |                                   |
| Lot on Plan details                | LOT 8/CP861993 (the entire island)<br>Area: 680.5 ha (for the entire island)<br>~ 34.55 ha for the airside area covered by the Protected Wildlife Management Strategy                                                                                    |                                   |
| Property Location (GPS etc)        |                                                                                                                                                                                                                                                          |                                   |
| Address:                           | Registered: <div>s.73 irrelevant information</div><br>Postal: As above<br>Activity Location: <div>s.73 irrelevant information</div> Airport Drive, Hamilton Island QLD 4803<br>LGA: Whitsunday Regional<br>Email: <div>s.73 irrelevant information</div> |                                   |
| Phone/Fax:                         | <div>s.73 irrelevant informati</div>                                                                                                                                                                                                                     | <div>s.73 irrelevant inform</div> |

**2. Identify DMP purpose:**

A permit will only be issued for section 185 OR section 186 of the Wildlife Management Regulation.

Section 185 - damage or loss caused, or likely to be caused, by a protected animal ☐ or

Section 186 - threat, or potential threat, to human health and wellbeing caused by a protected animal ☒

Background:

Application states: Threat to conduct safe aircraft operations with potential threat to human health and well-being

**3. Legislative requirement: Section 182 - General restriction about animals for which permit may be granted**

Section 182 of the Wildlife Management Regulation:

- (1) The chief executive may grant a damage mitigation permit only for—
- (a) a least concern animal; or
  - (b) an endangered, vulnerable or near threatened animal.

**Assessment form**

**Damage mitigation permit (culling and dispersal)**

- (1) *However, for a damage mitigation permit for an animal mentioned in subsection (1)(b), other than a damage mitigation permit (removal and relocation of wildlife), the chief executive must not grant the permit unless a conservation plan authorises the holder of a damage mitigation permit to take the animal under the permit.*

Species:

- Agile wallaby (*Macropus agilis*)

s.73 irrelevant information

Has the animal been identified?

☒ Yes ☐ No

How?

• The animals have been identified by the applicant

What *Nature Conservation Act 1992* classification is this species?

☒ Least concern

☐ EVNT (endangered, vulnerable or near threatened). If EVNT, is it consistent with the conservation plan?

Describe:

**Section**

**182**

**Delegate**

**Comments:**

**Complete sections 4-8 only if DMP application relates to section 185 of the Wildlife Management Regulation: damage or loss caused, or likely to be caused, by a protected animal**

**4. Legislative requirement: Section 185(1)(a) of the Wildlife Management Regulation**

Section 185(1)(a):

(a) *the animal is causing, or may cause, damage.*

What damage or loss, current or potential, is being experienced?

Describe:

List of  
Evidence:

Provide image if appropriate (insert file or cut and paste) :

**Section  
185(1)(a)**  
  
**Delegate  
Comments**

**5. Legislative requirement: Section 185(1)(b) of the Wildlife Management Regulation**

Section 185(1)(b):

(b) *the landholder of the land on which the animal is causing, or may cause, damage has made a reasonable attempt to prevent or minimise the damage and the action taken has not prevented or minimised the damage;*

What reasonable attempt has the landholder taken to prevent or minimise damage:

Describe:

List of  
Evidence:

Provide image if available/appropriate (insert file or cut and paste) :

Have the attempts been successful/ unsuccessful? What were the outcomes?

Comments:

**Section  
185(1) (b)**

**Delegate  
Comments:**

**6. Legislative requirement: Section 185(1)(c) of the Wildlife Management Regulation**

*Section 185(1)(c):*

(c) *if the damage is not prevented or controlled-*

- i. individuals may suffer significant economic loss; or*
- ii. the ecological sustainability of nature is likely to be harmed*

Has the applicant identified:

(a) Economic loss

☒ Yes ☐ No

Detail the significant economic loss of the landholder (include some information regarding why the loss is deemed significant):

Comments:

OR;

(b) Likelihood of harm

☐ Yes ☐ No

Detail the likelihood of harm to the ecological sustainability of nature:

Comments:

List of  
Evidence:

Provide image if appropriate (insert file or cut and paste) :

**Section  
185(1)(c)**

**Delegate  
Comments:**

**7. Legislative requirement: Section 185(1)(d) of the Wildlife Management Regulation**

*Section 185(1)(d):*

(d) *action under the permit will not adversely affect the survival of the animal in the wild*

How many animals are being requested?

Comments:

Is this amount likely to adversely affect the survival of the species in the wild?

☐

Yes

☐

No

Why?

Comments:

For harvest macropods only:

Will the requested amount cause the permissible quota to exceed the 2% of the estimated species population?

*(Numbers, date and region to be changed with each new application)*

☐

Yes

☐

No

| Quota used as<br>at<br><i>insert assessment date</i>                                                                                                                                                       | State | Usage to date | State quota allocated<br>for Combined Zones |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|---------------|---------------------------------------------|
| <div style="border: 1px solid black; height: 80px; position: relative;"> <div style="position: absolute; bottom: 5px; left: 5px; color: green; font-size: small;">s.73 irrelevant information</div> </div> |       |               |                                             |
| <p>Comments:</p> <div style="border: 1px solid black; height: 40px;"></div>                                                                                                                                |       |               |                                             |

Is the applicant aware of their obligations to accurately record and report any animals taken under the permit, and to submit these details to EHP every three months (within 10 business days)?

☒

Yes

☐

No

Comments:

Section  
185(1)(d)

Delegate  
Comments:

**8. Legislative requirement: Section 185(1)(e) of the Wildlife Management Regulation**

Section 185(1)(e):

(e) *the proposed way of taking the animal is humane and not likely to cause unnecessary suffering to the animal*

What is the proposed mitigation method?

Comments:

How will the applicant ensure that the proposed mitigation method is humane? (Consideration should be given to the capability and methods of the operator who will be carrying out the take).

Comments:

If the proposed method is not humane, what changes to the mitigation method are required to ensure the take would be humane?

Comments:

If the mitigation method cannot be amended to ensure humaneness, a DMP cannot be issued.

Section  
185 (1)(e)

Delegate  
Comments:

**Complete sections 9-12 only if DMP application relates to section 186 of the Wildlife Management Regulation: risk/potential risk to a person's health and wellbeing by a protected animal**

**9. Legislative requirement: Section 186(a) of the Wildlife Management Regulation**

Section 186(a):

- (a) *there is, or may be, a threat to a person's health and wellbeing resulting from harm caused by the animal to the person*

What threat or potential threat is there to human health and wellbeing?

Comments: Application states: Threat to conduct safe aircraft operations with potential threat to human health and well-being

List of Evidence: Protected Wildlife Management Strategy: August 2017 provided. This included general information on wildlife strikes, as well as wildlife species involvement and hazard potential at the s.73 irrelevant information

s.73 irrelevant information

Provide Image if appropriate (insert file or cut and paste) :

**Section  
186(a)**

**Delegate  
Comments:**

**10. Legislative requirement: Section 186(b) of the Wildlife Management Regulation**

Section 186(b):

(b) action under the permit will not detrimentally affect the survival of the animal in the wild

How many animals are being requested?

Comments:

- Agile wallaby (*Macropus agilis*): Unlimited

s.73 irrelevant information

Is this amount likely to adversely affect the survival of the species in the wild?

☐ Yes

☒ No

Why?

Comments:

All species are considered of least concern.

s.73 irrelevant information

Is the landholder aware of their obligations to accurately record and report any animals taken under the permit, and to submit these details to EHP every three months (within 10 business days)? ☒ Yes ☐ No

Comments:

The applicant has held this type of permit before and fulfilled their return obligations. Conditions will be placed on the permit.

**Section  
186(b)**

**Delegate  
Comments:**

**11. Legislative requirement: Section 186(c) of the Wildlife Management Regulation**

Section 186(c):

- (c) *the proposed way of taking the animal is humane and not likely to cause unnecessary suffering to the animal*

What is the proposed mitigation method?

Comments: Protected Wildlife Management Strategy states:

s.73 irrelevant information

- Mammals: Shooting

How will the applicant ensure that the proposed mitigation method is humane? (Consideration should be given to the capability and methods of the operator who will be carrying out the take).

Comments: Conditions will be placed on the permit.

If the proposed method is not humane, what changes to the mitigation method are required to ensure the take would be humane?

Comments: N/A

If the mitigation method cannot be amended to ensure humaneness, a DMP cannot be issued.

**Section  
186(c)**

**Delegate  
Comments:**

**12. Legislative requirement: Section 186(d) of the Wildlife Management Regulation**

Section 186(d):

(d) if the animal is a protected reptile—

i. the reptile will be released into the wild; or

ii. a conservation plan for the reptile authorises the holder of a damage mitigation permit to keep the reptile under the permit or otherwise

Is the DMP for a reptile?

☐ Yes ☒ No

If Yes, this type of DMP cannot be issued.

**Section  
186(d)**

**Delegate  
Comments:**

**13. Legislative requirement: Section 26 of the Nature Conservation (Administration) Regulation 2017 – Considerations to be taken into account by the delegate**

**Assessment form**  
**Damage mitigation permit (culling and dispersal)**

| <b>Section 25 considerations<br/>(to be completed by assessing officer)</b>                                                                                                                                                                                                                                                                                                                                                                                                                               | <b>Consideration given<br/>(delegate's use only)</b> |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------|
| <p>(a) <i>The impact the activities that may be carried out under the DMP may have on the conservation of this or other native wildlife;</i></p> <ul style="list-style-type: none"> <li><i>Is this proposed activity likely to affect other species?</i></li> </ul> <p>No</p>                                                                                                                                                                                                                             | <input type="checkbox"/>                             |
| <p>(b) <i>The effect the grant of the authority will have on the fair and equitable access to nature, having regard to, in particular, the ecologically sustainable use of wildlife;</i></p> <ul style="list-style-type: none"> <li><i>Will the issue of this permit reduce an existing ecologically sustainable use of wildlife?</i></li> </ul> <p>No</p> <ul style="list-style-type: none"> <li><i>Will the issue of this permit reduce the general public's access to nature?</i></li> </ul> <p>No</p> | <input type="checkbox"/>                             |
| <p>(c) <i>Any contribution the applicant proposes to make to the conservation of nature;</i></p> <ul style="list-style-type: none"> <li><i>Is the applicant proposing to undertake conservation works that will alleviate impacts on the species?</i></li> </ul> <p>No</p>                                                                                                                                                                                                                                | <input type="checkbox"/>                             |
| <p>(d) <i>Any relevant Australian or international code, instrument, protocol or standard or any relevant intergovernmental agreement;</i></p> <ul style="list-style-type: none"> <li><i>Has there been a search for documents and instruments relating to the species?</i></li> </ul> <p>Yes</p>                                                                                                                                                                                                         | <input type="checkbox"/>                             |
| <p>(e) <i>The precautionary principle;</i></p> <ul style="list-style-type: none"> <li><i>Is there any gap in our understanding of impact on the species that should preclude issuing the permit?</i></li> </ul> <p>No</p>                                                                                                                                                                                                                                                                                 | <input type="checkbox"/>                             |
| <p>(f) <i>Public health and safety;</i></p> <ul style="list-style-type: none"> <li><i>Is there a public health and safety risk from the activities in the permit that has not been addressed?</i></li> </ul> <p>No</p>                                                                                                                                                                                                                                                                                    | <input type="checkbox"/>                             |
| <p>(g) <i>The public interest;</i></p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | <input type="checkbox"/>                             |

**Assessment form**

**Damage mitigation permit (culling and dispersal)**

|                                                                                                                                                                                                                                                                                                                                  |                          |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|
| <ul style="list-style-type: none"> <li>Is the issue of the permit in the public interest?</li> </ul> <p style="margin-left: 20px;">Yes</p>                                                                                                                                                                                       |                          |
| <p>(h) Whether the applicant is a suitable person to hold the authority, having regard to the matters mentioned in schedule 2 of the Administration Regulation;</p> <ul style="list-style-type: none"> <li>Does the applicant have a conviction relating to the permit activity?</li> </ul> <p style="margin-left: 20px;">No</p> | <input type="checkbox"/> |
| <p>(k) Any recovery plan for wildlife to which the authority applies.</p> <ul style="list-style-type: none"> <li>Has a search been carried out for a recovery plan for the species?</li> </ul> <p style="margin-left: 20px;">Yes</p>                                                                                             | <input type="checkbox"/> |

**14. Other considerations prior to issuing the permit:**

Has the applicant held this type of permit before?

☒ Yes    ☐ No

If yes, has the applicant submitted the 'return of operations'?

☒ Yes    ☐ No

(A return of operation is due for each 3 month period during the life of the permit)

If no, permit not to be issued until returns are submitted.

Has a field assessment been completed? (attach copy)

☐ Yes    ☒ No

Comments:

Has the applicant specified start and completion dates?

☒ Yes    ☐ No

Comments:

20.11.2017 - 19.11.2020

What is the length of the permit term?

Is this application for a 12 month 'culling and dispersal' DMP?

☐ Yes    ☒ No

Is this application for a 3 year 'culling and dispersal' DMP and is accompanied by a Property Management Plan?

☒ Yes    ☐ No

Provide comment if not issued for either full term as listed above:

Comments:

**15. Ecotrack conditions**

**a) Standard conditions – lethal take activity**

Check the following conditions are added to the permit:

**Ecotrack standard condition (ESC)**

☐ WI Important notes:

A Return of operations form must be sent to EHP within 10 business days after the end of the permit, and you must keep a copy for your records. If the return of operations on the approved form is not submitted a penalty may be given. The approved form should be downloaded via the following EHP website link: [http://www.ehp.qld.gov.au/licences-permits/plants-animals/return\\_of\\_operations.html](http://www.ehp.qld.gov.au/licences-permits/plants-animals/return_of_operations.html)

**Ecotrack standard conditions –permits issued under a Property Management Plan**

☐ This permit must be in conjunction with and in adherence with the approved Property Management Plan (PMP).

**16. Recommendation and comment regarding grant of permit:**

Supported ☒ Not supported ☐

Name: Laura Affleck

Position: Conservation Officer

Date: 4.12.17

Comments: The application is for an airport and in the interest of public safety. All species are considered of least concern

History: The applicant has held this type of permit with the exact numbers requested (with s.73 irrelevant information) On their return of operations it reflects that they took in the three years: 78 agile wallabies, s.73 irrelevant information  
s.73 irrelevant information

Additional current applications: The applicant currently has a permit application (APP0005717) in for the rest of Hamilton Island (excluding airport) and the neighbouring Dent Island. This second application is requesting unlimited agile wallabies, s.73 irrelevant information  
s.73 irrelevant information I feel that the two applications need to be considered together.

Problems with the PMP provided:

- No population estimates provided

- It states that compared to birdstrikes, ground-based animal strikes are relatively rare, s.73 irrelevant information

s.73 irrelevant information

**Assessment form**

**Damage mitigation permit (culling and dispersal)**

s.73 irrelevant information

- It supplies the number of birdstrikes of general bird types in the entire state of QLD from 2006-2015 and the numbers seem inconsistent with what they are requesting (pg. 14):

- Ibis: 78 birdstrikes over the 10 year period across QLD.

s.73 irrelevant information

s.73 irrelevant information

- Crow/Raven: 37 birdstrikes over the 10 year period across QLD.

s.73 irrelevant information

s.73 irrelevant information

s.73 irrelevant information

s.73 irrelevant information

- Out of the fourteen applicable habitat management control actions, five are satisfactory and nine need improvement (pg. 23)

- On the application, in response to the question about previous damage mitigation methods they answered 'We operate under Wildlife Management Strategy which includes dispersal techniques using vehicles, lights, sirens, pyrotechnics and lethal shot as last resort'. When you actually look up their dispersal techniques in the Wildlife Management Strategy, pyrotechnics is listed as 'not applicable' to the island, lights are not mentioned and sirens are listed as 'needs improvement'. The use of vehicles is the only technique from the above list that is considered 'satisfactory' under their own assessment.

In the 'Wildlife Management Actions' for agile wallabies it ticks that an action they take is to 'eradicate population, where possible'.

s.73 irrelevant information

Note: Delegation sits with the Director

**17. Senior conservation officer endorsement: (where applicable)**

Supported ☐ Not supported ☐

Name:

Position:

Date:

Comments:

**18. Manager/delegate approval:**

Supported ☐ Not supported ☐

Name:

Position:

Date:

Comments:

---

EHP policy standards and legislative requirements are detailed within:

*Nature Conservation Act 1992*

*Nature Conservation (Wildlife) Regulation 2006*

*Nature Conservation (Wildlife Management) Regulation 2006*

*Nature Conservation (Administration) Regulation 2017*

APP0008917

- Summary
- Assessment
- Tasks
- Financial Summary
- Condition Summary
- News
- Related Actions

Application Summary

Application Reference: APP0008917

Authority Type: Wildlife Authority

Permit Type: Damage Mitigation Permit

Industry Sector: Unknown

Lodgement Date: 04/12/2017

Stage: Decision

Status: Permit Issued

Related Permit: [WA0003226](#)

Damage Mitigation

Damage mitigation Details

|                                                                                                                                                |                                                                                                                                                                  |
|------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| What is your reason for applying for this permit? (Examples include damage to pastures, grains, crops, threat to human health and well-being.) | Threat to conduct safe Aircraft operations with potential threat to human health and well-being.                                                                 |
| Outline the monetary loss experienced:                                                                                                         | N/A                                                                                                                                                              |
| What previous damage mitigation method(s) have you tried (if any) and was this successful?                                                     | We operate under Wildlife Management Strategy which includes dispersal techniques using vehicles, lights, sirens, pyrotechnics and lethal shot as a last resort. |

Wildlife Suitability

During the past 10 years have you ever (in Queensland or elsewhere) been found guilty of any criminal offence or entered a plea of guilty in a Court?

No

Have you ever had an equivalent permit from another State or country that was suspended and/or cancelled?

No

Project Dates

Start and completion dates

|                 |             |
|-----------------|-------------|
| Start date      | 20 Nov 2017 |
| Completion date | 19 Nov 2020 |

Persons Operating

Provide the name(s) of the person(s) operating under this permit

| Family Name                            | Given Name |
|----------------------------------------|------------|
| <div>s.73 irrelevant information</div> |            |

Information Requests

Information Requests

|        |        |            |
|--------|--------|------------|
| 18-028 | File B | 120 of 221 |
|--------|--------|------------|

8/17/2018APP0008917

| ID                 | Type | Direction | EIS Flag | Reason | Updated timestamp | Last updated by |
|--------------------|------|-----------|----------|--------|-------------------|-----------------|
| No items available |      |           |          |        |                   |                 |

Approval Workflow History

| Outcome                     | Timestamp        | Reason                                                                                                                                                                                                           | Recommendation | Status           | User         | Comments                         |
|-----------------------------|------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|------------------|--------------|----------------------------------|
| Permit Application Decision | 05/12/2017 13:52 | <div>Same application as their application under the name</div> <div>s.73 irrelevant info (APP0005627) which was approved on the 13 November 2017 (WA0002726).</div> <div></div> <div>s.73 irrelevant info</div> | Grant          | Approved         | Brent Smith  |                                  |
| Pending Approval            | 05/12/2017 10:39 | <div>Same application as their application under the name</div> <div>s.73 irrelevant info (APP0005627) which was approved on the 13 November 2017 (WA0002726).</div> <div></div> <div>s.73 irrelevant info</div> |                | Approved         | Brent Smith  | Delegate- I endorse this permit. |
| Permit Application Decision | 05/12/2017 10:39 | <div>Same application as their application under the name</div> <div>s.73 irrelevant info (APP0005627) which was approved on the 13 November 2017 (WA0002726).</div> <div></div> <div>s.73 irrelevant info</div> | Grant          | Pending Approval | Samuel Dawes | Delegate- I endorse this permit. |

8/17/2018APP0008917

| Outcome                     | Timestamp        | Reason                                                                                                                                                                                               | Recommendation | Status         | User          | Comments |
|-----------------------------|------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|----------------|---------------|----------|
| Permit Application Decision | 05/12/2017 10:27 | <div>Same application as their application under the name</div> <div>s.73 irrelevant info (APP0005627) which was approved on the 13 November 2017 (WA0002726).</div> <div>s.73 irrelevant info</div> | Grant          | Pending Review | Laura Affleck |          |

Internal Review

Requests

| Reviewed Decision  | Compliant | Comment | Created | Created by |
|--------------------|-----------|---------|---------|------------|
| No items available |           |         |         |            |

Original Decisions Under Review

| Decision           | Recommendation | Reason | Comment | Updated | User |
|--------------------|----------------|--------|---------|---------|------|
| No items available |                |        |         |         |      |



# Notice of Decision

## Section 12(a) of Nature Conservation (Administration) Regulation 2017

This notice is issued by the administering authority to advise of a statutory decision on a permit application

To: s.73 irrelevant information Our reference: APP0008917  
s.73 irrelevant information

Dear Sir/Madam

Re: Decision made in relation to your application

Your application received on 04 December 2017 has been assessed and the decision in regards to your application is specified below:

| Permit applied for                                                                                                                                   | Permit number | Decision |
|------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|----------|
| Damage Mitigation Permit, Culling to protect human health or well-being, Lethal take of protected animals (non flying-fox), Property management plan | WA0003226     | GRANTED  |

Your application for a permit has been granted, the conditions of approval are attached.

Your permit reference is WA0003226.

Please note that for the approval, this Notice of Decision and the relevant attachments constitute the permit documentation. Please retain this approval documentation for your records.

Included with this notice is advice on review and appeal processes that may be available to you. Should you seek a review or appeal, you are advised to seek independent advice before taking such action.

Should you have any queries in relation to this notice, please refer to the contact details below.

Brent Smith  
Department of Environment and Heritage Protection  
Delegate of the administering authority  
Nature Conservation Act 1992

Enquiries:  
Wildlife Assessment Team  
Email: [wildlife@ehp.qld.gov.au](mailto:wildlife@ehp.qld.gov.au)  
Postal Address: PO Box 102, Toowoomba, QLD, 4350

**Date granted: 05 December 2017**

Attachments:

Permit:

Information notice: Statutory decision on a permit application under the Nature Conservation (Administration) Regulation 2017

# Permit

Section 12(a) of Nature Conservation (Administration) Regulation 2017

## Damage Mitigation Permit

This wildlife authority is issued under the following legislation: Nature Conservation (Administration) Regulation 2017 Part 2 Division 1.

**Permit number:** WA0003226

**Valid from:** 05 December 2017 to 04 December 2020

**Activity:** Culling to protect human health or well-being - Lethal take of protected animals (non flying-fox)

| Role                                        | Name                        | Registered address                     |
|---------------------------------------------|-----------------------------|----------------------------------------|
| <b>Principal Holder:</b>                    | s.73 irrelevant information | s.73 irrelevant information            |
| <b>Person In Charge:</b>                    | s.73 irrelevant information | s.73 irrelevant information            |
| <b>Business name:</b>                       |                             | <b>ABN/ACN</b> / 090590891             |
| <b>Activity location//licensed premises</b> | s.73 irrelevant information | Airport Drive HAMILTON ISLAND QLD 4803 |

### Schedule

| Species details                       | Category | Quantity  | Unit |
|---------------------------------------|----------|-----------|------|
| s.73 irrelevant information           |          |           |      |
| agile wallaby, <i>Macropus agilis</i> | Live     | Unlimited |      |
| s.73 irrelevant information           |          |           |      |

Brent Smith  
Department of Environment and Heritage Protection  
Delegate of the administering authority  
Nature Conservation Act 1992

**Enquiries:**  
Wildlife Assessment Team  
Email: [wildlife@ehp.qld.gov.au](mailto:wildlife@ehp.qld.gov.au)  
Postal Address: PO Box 102, Toowoomba, QLD, 4350

**Date issued: 05 December 2017**

# Permit<sup>1</sup>

## Legislative Requirements and Conditions of Wildlife Authority

### Nature Conservation

- DMLR01** A return of operations is required to be sent to EHP either on the approved form or entered directly into Connect, if this is not submitted a penalty may be given.  
The required details must be provided:
- Within 10 business days after each 3 month period after the permit has been granted, and
  - Upon expiry.
- You must keep a copy for your records, see [www.ehp.qld.gov.au](http://www.ehp.qld.gov.au)  
This requirement may be found in section 188 of the Nature Conservation (Wildlife Management) Regulation 2006
- DMLR03** Activities carried out under this authority, unless otherwise authorised, apply to non-protected areas only.  
This requirement may be found in section 12 of the Nature Conservation (Administration) Regulation 2006

## Condition

### Nature Conservation

- DMM13** Accurate records of animals taken under this permit must be recorded in the return of operations form. These must be made at the end of each day/night that the animals are taken. These records must include the GPS coordinates of where the animal was taken, and the lethal mitigation method used.
- DMM14** Lethal take of macropods is by shooting only. Shooters are to ensure the combination of firearm, projectile distance to target and point of aim must result in the instantaneous death of the target animal. If death is not instantaneous, shooters must make every effort to locate wounded or orphaned animals to quickly and humanely cause immediate death.
- DMM15** A deterrent method that is not harmful to a protected animal, such as one using noise and/or light, must be used in conjunction with this permit.

---

<sup>1</sup> Permit includes licences, approvals, permits, authorisations, certificates, sanctions or equivalent/similar as required by legislation

DMCC01 Activities under this permit are restricted to the area covered by the '*Protected Wildlife Management Strategy: August 2017*' provided as part of the application for this damage mitigation permit.

s.73 irrelevant information

DMCC04 Euthanasia must be performed by a suitably qualified person.

DMCC05 Methods of euthanasia, including methods of trapping and restraint for euthanasia, must not cause significant pain, suffering or distress.

s.73 irrelevant information

# Information Sheet

This information sheet is issued by the Department of Environment and Heritage Protection to advise of a statutory decision on a permit application under the *Nature Conservation Act 1992 (the Act)*.

When assessing an application for a license, permit or other authority, the chief executive must have regard to the following matters under the following laws:

## Section 26(1) of the Nature Conservation (Administration) Regulation 2017<sup>1</sup>

- a) the impact the activities that may be carried out under the authority may have on the conservation of the cultural or natural resources of a protected area or native wildlife;
- b) the effect the grant of the authority will have on the fair and equitable access to nature, having regard to, in particular, the ecologically sustainable use of protected areas or wildlife;
- c) any contribution the applicant proposes to make to the conservation of nature;
- d) any relevant Australian or international code, instrument, protocol or standard or any relevant intergovernmental agreement;
- e) the precautionary principle;
- f) public health and safety;
- g) the public interest;
- h) for an application for a relevant authority other than a camping permit—whether the applicant is a suitable person to hold the authority, having regard to the matters mentioned in schedule 2;
- i) for an application for a relevant authority for a national park (Cape York Peninsula Aboriginal land)—the indigenous management agreement for the protected area;
- j) any recovery plan for wildlife to which the authority applies;
- k) any other matter stated in a management instrument as a matter the chief executive must have regard to when considering an application for the authority.

## Section 26(2) of the Nature Conservation (Administration) Regulation 2017<sup>1</sup>

Without limiting subsection (1), the chief executive may have regard to anything else the chief executive considers appropriate to achieve the object of the Act.

## Section 33 of the Nature Conservation (Administration) Regulation 2017<sup>1</sup>

The chief executive cannot –

- a) grant a protected area authority to a person if the Protected Areas Management Regulation states the chief executive can not grant the authority to the person or to any person; or
- b) grant a wildlife authority to a person if the Wildlife Management Regulation or a conservation plan states the chief executive can not grant the authority to the person or to any person

<sup>1</sup> Matters relating to Protected Areas (excluding Nature Refuges) under the Nature Conservation Act 1992 are the responsibility of the Department of National Parks, Sport and Racing.

**This notice is issued by the Department of Environment and Heritage Protection to advise of a statutory decision on a permit application under the *Nature Conservation Act 1992 (the Act)*.**

Note – See also section 137 of the Act.

Section 137 of the *Nature Conservation Act 1992*

(2) A licence, permit or other authority issued or given under a regulation to—

- (a) take, use or keep protected wildlife; or
- (b) abandon, release, keep, use or introduce international or prohibited wildlife;

must be consistent with—

- (c) the management principles for the wildlife; and
- (d) the declared management intent, or conservation plan, applicable to the wildlife.

In assessing your application, consideration has been given to each of the relevant matters listed above, and consequently some conditions have been imposed on your permit. Please take the time to familiarise yourself with these requirements. Should you have any questions regarding any of these conditions please contact the Department of Environment and Heritage Protection using the contact details provided under the Enquiries heading on your licence, permit or other authority.

Part 4 of the Nature Conservation (Administration) Regulation 2017 provides for internal and external reviews, should you be dissatisfied with any reviewable decision. In summary these include:

- If you wish to apply for an internal review of the decision an application must be made in writing within 20 business days after being given this notice.
- The application must be supported by sufficient information to decide the application.
- The application for internal review does not stay the decision made. However you may apply to the Queensland Civil and Administrative Tribunal (QCAT) for a stay of the decision.
- The Department of Environment and Heritage Protection must review the decision within 28 days of receiving the application and provide you with a decision within 14 days of making the review decision.
- If you are dissatisfied with the internal review decision then you are able to file an application for an external review in the registry of the QCAT within 28 days of receiving the internal review notice.
- For further information you are directed to Part 4: Internal and External Reviews, of the Nature Conservation (Administration) Regulation 2017 and the *Queensland Civil and Administrative Tribunal Act 2009* which can both be found at [www.legislation.qld.gov.au/OQPChome.htm](http://www.legislation.qld.gov.au/OQPChome.htm)

Also please note:

Should it be determined at some future date by any Court or Tribunal that Native Title exists over the subject land or waters, this permit may be terminated and the holder (or any subsequent holder) may be required to remove any works established under this permit at the permit holder's (or any subsequent permit holder's) own cost, expense and risk. In that event, no compensation for works, development costs or loss of income shall be payable to the permit holder (or any subsequent permit holder) by the State of Queensland.

## AFFLECK Laura

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**From:** s.73 irrelevant information  
**Sent:** Thursday, 30 November 2017 8:37 AM  
**To:** AFFLECK Laura  
**Subject:** RE: WA0002726 Damage Mitigation Permit



Good Morning Laura

Thank you for clarifying, I will complete the new application under the correct legal entity name today.

Have a great day.

Kind regards

s.73 irrelevant information

Deloitte has released an economic impact study that has placed a value for the first time on the Great Barrier Reef at \$56 billion. Discover this Natural Wonder of the World for yourself when you visit Hamilton Island.

---

**From:** AFFLECK Laura [mailto:Laura.Affleck@ehp.qld.gov.au]  
**Sent:** Wednesday, 29 November 2017 2:57 PM  
**To:** s.73 irrelevant information  
**Subject:** RE: WA0002726 Damage Mitigation Permit

Good afternoon s.73 irre

The existing permit will not affect the approval of the new permit application but, as you have noted, if permit number WA0002726 was applied for under the incorrect legal entity it is considered invalid and cannot be operated under.

As you have completed the pertinent components of your previous Damage Mitigation Permit application, and your new application will simply be under a new legal entity name, your application would be able to be processed quickly.

Kind regards,

**Laura Affleck**  
**Conservation Officer**  
Wildlife Assessment, Strategic Compliance and Southern Operations  
**Conservation & Biodiversity Operations**  
Department of Environment and Heritage Protection

P (07) 3330 5258 ext. 25258  
400 George Street, Brisbane QLD 4000  
GPO Box 2454, Brisbane QLD 4001

---

**From:** s.73 irrelevant information  
**Sent:** Friday, 24 November 2017 11:05 AM  
**To:** AFFLECK Laura <[Laura.Affleck@ehp.qld.gov.au](mailto:Laura.Affleck@ehp.qld.gov.au)>  
**Subject:** WA0002726 Damage Mitigation Permit

Hello Laura

Thank you so much for taking the time to chat with me this morning, it was greatly appreciated.

Further to our discussion I now realise that an individual account must be made for each new application as the account holder becomes the principal permit holder. I did make enquires throughout the application process, however, this issue was not apparent to me until after the permit was issued.

As advised in our phone conversation as part of our Airport compliance the correct entity must be noted on the Permit. In accordance with your instructions we will lodge a new application in the correct entity, we however, wish to know if:

- the existing permit will affect the approval of the new permit application; and
- will there be a period of time where activities conducted to ensure the safety of airport operations not be permitted;

I acknowledge this is a time consuming process for you and appreciate your patience and all the assistance you have provided to date.

We look forward to receiving your response in due course.

Kind regards

s.73 irrelevant information

Deloitte has released an economic impact study that has placed a value for the first time on the Great Barrier Reef at \$56 billion. Discover this Natural Wonder of the World for yourself when you visit Hamilton Island.

-----  
The information in this email together with any attachments is intended only for the person or entity to which it is addressed and may contain confidential and/or privileged material. There is no waiver of any confidentiality/privilege by your inadvertent receipt of this material.

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## AFFLECK Laura

---

**From:** s.73 irrelevant information  
**Sent:** Monday, 4 December 2017 2:41 PM  
**To:** AFFLECK Laura  
**Subject:** APP0008917 Damage Mitigation Permit Application

Hello Laura

Please note I have completed and submitted the new application with Ref No. APP0008917.

The connect system has not recognised the Lot and Plan details in the Activity Location section so I had to use the physical address option instead. The last permit had the following location details on it and thought it may be a good idea to forward it to you as a reference in case you need it.

### Locations(s)

s.73 irrelevant information Airport Drive, Hamilton Island QLD 4803  
8 CP861993, X HR2009  
WHITSUNDAY REGIONAL

If you require any other information please let me know.

Thank You.

Kind regards

s.73 irrelevant information

Deloitte has released an economic impact study that has placed a value for the first time on the Great Barrier Reef at \$56 billion. Discover this Natural Wonder of the World for yourself when you visit Hamilton Island.

---

**From:** s.73 irrelevant info  
**Sent:** Friday, 24 November 2017 11:05 AM  
**To:** 'AFFLECK Laura' <Laura.Affleck@ehp.qld.gov.au>  
**Subject:** WA0002726 Damage Mitigation Permit

Hello Laura

Thank you so much for taking the time to chat with me this morning, it was greatly appreciated.

Further to our discussion I now realise that an individual account must be made for each new application as the account holder becomes the principal permit holder. I did make enquires throughout the application process, however, this issue was not apparent to me until after the permit was issued.

As advised in our phone conversation as part of our Airport compliance the correct entity must be noted on the Permit. In accordance with your instructions we will lodge a new application in the correct entity, we however, wish to know if:

- the existing permit will affect the approval of the new permit application; and
- will there be a period of time where activities conducted to ensure the safety of airport operations not be permitted;

I acknowledge this is a time consuming process for you and appreciate your patience and all the assistance you have provided to date.

We look forward to receiving your response in due course.

Kind regards

s.73 irrelevant information

Deloitte has released an economic impact study that has placed a value for the first time on the Great Barrier Reef at \$56 billion. Discover this Natural Wonder of the World for yourself when you visit Hamilton Island.

Published on DES Disclosure Log  
RTI Act 2009

# File Note

**File Reference: APP0008917***Print and file when complete.***Date:** 5.12.2017**File Name:** [s.73 irrelevant information] (APP0008917) - phone call**Subject (Detail):** Phone call to request further information on her wildlife movement permit application

I received and processed a lethal DMP application under the name [s.73 irrelevant information] (APP0005627) that was granted on the 13 November 2017 (WA0002726).

On approximately the 14 November 2017 [s.73 irrelevant information] called me to discuss the permit. She was enquiring about the business name on the permit which read as [s.73 irrelevant information]

[s.73 irrelevant information]

She asked whether they would need the golf course taken off the permit as this permit did not cover the golf course. I told her that the business name is everything that is under the principle holder [s.73 irrelevant information] [s.73 irrelevant information] on Connect. I advised her that so long as the principle holder and the location were right the business name did not affect anything. I ran this past my Senior Wildlife Officer, Samuel Dawes, and he agreed.

On the 23 November 2017 [s.73 irrelevant information] called and emailed Deb Hotchkis multiple times and Deb forwarded the emails to me. When [s.73 irrelevant information] called me she started saying that principle holder on the permit was incorrect and that we had discussed this. I reminded her that we had discussed the business name, not the principle holder being incorrect. She then told me that she had been trying to change the principle holder in Connect and could not. I explained that you cannot change a legal entity and that she will need to create a new Connect profile for [s.73 irrelevant information] [s.73 irrelevant information] and re-apply for the permit. I also reminded her that if the generated permit is under the wrong name, it is considered invalid and cannot be operated under.

**Date:** 5.12.2017

-----

**Author:** Laura Affleck  
**Position:** Conservation Officer  
**Unit/Office:** Wildlife Assessment Team  
**Phone:** 3330 5258

# Assessment form

## Damage mitigation permit (culling and dispersal)

*This form is to be used to assess an application for a damage mitigation permit (DMP) under the Nature Conservation (Wildlife Management) Regulation 2006 (the Wildlife Management Regulation) for culling of protected wildlife other than commercially harvested macropods only, or flying-foxes. This form can however be used for commercially harvested macropods in circumstances where they are requested on a DMP application in addition to other species (e.g. birds or non-commercial macropods).*

**Date:**

11.12.2017

**Assessing Officer:**

Laura Affleck

**Project Ref:**

APP0005717

**Permit Ref:**

### 1. Applicant name and address:

A wildlife authority may only be granted to an individual or corporation (only if the corporation has an office within Queensland).

Individual ☐Corporation ☒

**Assessment form**

**Damage mitigation permit (culling and dispersal)**

|                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                               |
|---------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| Applicants:                           | s.73 irrelevant information                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                               |
| Person in charge<br>(if corporation): | s.73 irrelevant information                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                               |
| Company name:                         | s.73 irrelevant information                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | ABN/ACN number<br>009 946 909 |
| Property name:                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                               |
| Lot on Plan details                   | LOT 8/CP861993                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                               |
| Property Location<br>(GPS etc)        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                               |
| Address:                              | Residential: <span style="border: 1px solid black; display: inline-block; width: 200px; height: 15px;">s.73 irrelevant information</span><br>Postal: <span style="border: 1px solid black; display: inline-block; width: 400px; height: 15px;">s.73 irrelevant information</span><br>Activity Location: Hamilton Island (excluding the airport) and Dent Island<br>Email: <span style="border: 1px solid black; display: inline-block; width: 150px; height: 15px;">s.73 irrelevant information</span> |                               |
| Phone/Fax:                            | s.73 irrelevant information                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                               |

**2. Identify DMP purpose:**

A permit will only be issued for section 185 OR section 186 of the Wildlife Management Regulation.

Section 185 - damage or loss caused, or likely to be caused, by a protected animal ☒ or

Section 186 - threat, or potential threat, to human health and wellbeing caused by a protected animal ☒

Background: Application states: Culling wildlife to prevent damage or loss and threat to human health and well-being.

**3. Legislative requirement: Section 182 - General restriction about animals for which permit may be granted**

*Section 182 of the Wildlife Management Regulation:*

(1) The chief executive may grant a damage mitigation permit only for—

(a) a least concern animal; or

(b) an endangered, vulnerable or near threatened animal.

(1) However, for a damage mitigation permit for an animal mentioned in subsection (1)(b), other than a damage mitigation permit (removal and relocation of wildlife), the chief executive must not grant the permit unless a conservation plan authorises the holder of a damage mitigation permit to take the animal under the permit.

**Assessment form**

**Damage mitigation permit (culling and dispersal)**

Species:

s.73 irrelevant information

- Agile wallaby (*Macropus agilis*)

Has the animal been identified?



Yes



No

How?

• The animals have been identified by the applicant.

What *Nature Conservation Act 1992* classification is this species?



Least concern



EVNT (endangered, vulnerable or near threatened). If EVNT, is it consistent with the conservation plan?

Describe:

**Section**

**182**

**Delegate**

**Comments:**

**Complete sections 4-8 only if DMP application relates to section 185 of the Wildlife Management Regulation: damage or loss caused, or likely to be caused, by a protected animal**

**4. Legislative requirement: Section 185(1)(a) of the Wildlife Management Regulation**

*Section 185(1)(a):*

**Assessment form**  
**Damage mitigation permit (culling and dispersal)**

---

(a) *the animal is causing, or may cause, damage.*

What damage or loss, current or potential, is being experienced?

Describe:

Application states:

s.73 irrelevant information

Agile wallabies:

- Overgrazing and defoliation
- Feed on garden plants both in the resort and residential areas of Hamilton Island

s.73 irrelevant information

s.73 irrelevant information

List of  
Evidence:

None provided.

Provide image if appropriate (insert file or cut and paste) :

**Section  
185(1)(a)**

**Delegate  
Comments**

## 5. Legislative requirement: Section 185(1)(b) of the Wildlife Management Regulation

Section 185(1)(b):

- (b) *the landholder of the land on which the animal is causing, or may cause, damage has made a reasonable attempt to prevent or minimise the damage and the action taken has not prevented or minimised the damage;*

What reasonable attempt has the landholder taken to prevent or minimise damage:

Describe:

Application states:

- Install physical barriers to prevent wildlife accessing food sources
- Educate staff and guests about the negative impact of feeding animals and birds
- Continue to implement a signage campaign aimed at staff and guest eating areas, stressing that wildlife must not be fed or encouraged
- Install physical barriers to prevent entry to rooms and food preparation and eating areas
- Explore option of netting at indoor and outdoor eating areas
- Replace infrastructure found to be damaged by birds with design types not attractive to birds
- Prompt clearing away of food and beverages left by patrons
- Installation of reflective bird deterrent devices
- Installation of "bird spike" roosting deterrents
- Provide rubbish bins with bird proof/ possum resistant/ vermin proof lids and monitor effectiveness
- Review construction of all timber handrails, and move towards aluminium or other more robust

**Assessment form**

**Damage mitigation permit (culling and dispersal)**

- material where appropriate
- Reduction of food attractants in immediate area (planter box vegetation)
  - Inform guests to keep doors to balconies closed
  - Replace mesh insect screens with view-friendly security mesh where feasible
  - Review external doors to guest rooms/ staff rooms and install automatic closing doors where feasible
  - Block holes where the possums are entering the ceilings
  - Reduce waste spillage at waste transfer stations. Keep operation areas clean.
  - Close skip bin lids outside of operational hours
  - Install physical barriers around bin enclosures
  - Facilitate non-lethal management via resident raptor program
  - Use food covers over plates of food at tables
  - Remove food source (e.g. serve sugar only with tea or coffee rather than leaving it permanently available on tables)

List of  
Evidence:

None provided

Provide image if available/appropriate (insert file or cut and paste) :

Have the attempts been successful/ unsuccessful? What were the outcomes?

Comments: During the teleconference between s.73 ir and EHP on the 8 December 2017 s.73 irrelevant discussed how the measures have been effective to a degree, especially for birds, as seen by a reduction of take on their Return of Operations.

**Section  
185(1) (b)**

**Delegate  
Comments:**

**6. Legislative requirement: Section 185(1)(c) of the Wildlife Management Regulation**

*Section 185(1)(c):*

(c) *if the damage is not prevented or controlled-*

**Assessment form**

**Damage mitigation permit (culling and dispersal)**

- i. *individuals may suffer significant economic loss; or*
- ii. *the ecological sustainability of nature is likely to be harmed*

Has the applicant identified:

(a) Economic loss ☒ Yes ☐ No

Detail the significant economic loss of the landholder (include some information regarding why the loss is deemed significant):

Comments: Application states:

- There are significant costs associated with replacing plants and landscaping
- Economic loss due to structural damage

Follow-up email states:

s.73 irrelevant information does incur economical loss throughout the island resulting from habituated birds and animals.

Some examples are –

- Guest room LCD TV frames being chewed and damaged – approx. 12 this year
- Timber railing / windows / panelling etc being damaged, but replaced with products like cement sheet, aluminium, stainless steel, etc.
- Restaurants reimbursing full meals to guests due to birds or animals eating or defecating on the food.
- Damage and replacement of landscaping and plants

OR;

(b) Likelihood of harm ☐ Yes ☒ No

Detail the likelihood of harm to the ecological sustainability of nature:

Comments:

List of  
Evidence:

Provide image if appropriate (insert file or cut and paste) :

**Section  
185(1)(c)  
Delegate**

Comments:

**7. Legislative requirement: Section 185(1)(d) of the Wildlife Management Regulation**

*Section 185(1)(d):*

(d) action under the permit will not adversely affect the survival of the animal in the wild

How many animals are being requested?

Comments:

s.73 irrelevant information

- Agile wallaby (*Macropus agilis*): 1000 (Changed from "Unlimited")

Is this amount likely to adversely affect the survival of the species in the wild?

☐ Yes

☒ No

Why?

Comments:

All species are considered of least concern under the NCA 1992.

s.73 irrelevant information

For harvest macropods only:

Will the requested amount cause the permissible quota to exceed the 2% of the estimated species population?  
*(Numbers, date and region to be changed with each new application)*

☐ Yes

☐ No

| Quota used as<br>at<br><i>insert assessment date</i> | State | Usage to date | State quota allocated<br>for Combined Zones |
|------------------------------------------------------|-------|---------------|---------------------------------------------|
|                                                      |       |               |                                             |

**Assessment form**

**Damage mitigation permit (culling and dispersal)**

|           |                                                                                                           |
|-----------|-----------------------------------------------------------------------------------------------------------|
|           | <div style="border: 1px solid green; padding: 5px; margin-bottom: 5px;">s.73 irrelevant information</div> |
| Comments: |                                                                                                           |

Is the applicant aware of their obligations to accurately record and report any animals taken under the permit, and to submit these details to EHP every three months (within 10 business days)?    ☒ Yes    ☐ No

Comments:    

Applicant has held this type of permit before and fulfilled their return obligations. Conditions will be placed on the permit.

**Section 185(1)(d)**  
**Delegate Comments:**

**8. Legislative requirement: Section 185(1)(e) of the Wildlife Management Regulation**

*Section 185(1)(e):*

- (e)    *the proposed way of taking the animal is humane and not likely to cause unnecessary suffering to the animal*

What is the proposed mitigation method?

Comments:    Application states:

|  |                                                                                                           |
|--|-----------------------------------------------------------------------------------------------------------|
|  | <div style="border: 1px solid green; padding: 5px; margin-bottom: 5px;">s.73 irrelevant information</div> |
|--|-----------------------------------------------------------------------------------------------------------|

**Assessment form**

**Damage mitigation permit (culling and dispersal)**

---

s.73 irrelevant information

For agile wallabies:

- Trapping/penning (as described in an attached file note email)
- Shooting / spotlighting from a vehicle

How will the applicant ensure that the proposed mitigation method is humane? (Consideration should be given to the capability and methods of the operator who will be carrying out the take).

Comments: Application states: All animals taken under a DMP will be humanely euthanased. Conditions will be placed on the permit..

If the proposed method is not humane, what changes to the mitigation method are required to ensure the take would be humane?

Comments: N/A

If the mitigation method cannot be amended to ensure humaneness, a DMP cannot be issued.

**Section  
185 (1)(e)**

**Delegate  
Comments:**

**Complete sections 9-12 only if DMP application relates to section 186 of the Wildlife Management Regulation: risk/potential risk to a person's health and wellbeing by a protected animal**

**9. Legislative requirement: Section 186(a) of the Wildlife Management Regulation**

*Section 186(a):*

- (a) *there is, or may be, a threat to a person's health and wellbeing resulting from harm caused by the animal to the person*

What threat or potential threat is there to human health and wellbeing?

Comments:

s.73 Irrelevant information

Agile wallabies:

- traffic hazard

s.73 irrelevant information

**Assessment form**

**Damage mitigation permit (culling and dispersal)**

---

s.73 irrelevant information

List of  
Evidence:

None provided.

Provide Image if appropriate (insert file or cut and paste) :

**Section  
186(a)**

**Delegate  
Comments:**

**10. Legislative requirement: Section 186(b) of the Wildlife Management Regulation**

*Section 186(b):*

*(b) action under the permit will not detrimentally affect the survival of the animal in the wild*

How many animals are being requested?

Comments:

s.73 irrelevant information

- Agile wallaby (*Macropus agilis*): 1000 (Changed from "Unlimited")

Is this amount likely to adversely affect the survival of the species in the wild?

☐

Yes

☒

No

Why?

Comments:

All species are considered of least concern under the NCA 1992.

s.73 irrelevant information

Is the landholder aware of their obligations to accurately record and report any animals taken under the permit, and to submit these details to EHP every three months (within 10 business days)? ☒ Yes ☐ No

Comments:

Applicant has held this type of permit before and fulfilled their return obligations. Conditions will be placed on the permit.

**Section  
186(b)**

**Delegate  
Comments:**

**11. Legislative requirement: Section 186(c) of the Wildlife Management Regulation**

*Section 186(c):*

- (c) *the proposed way of taking the animal is humane and not likely to cause unnecessary suffering to the animal*

What is the proposed mitigation method?

|           |                                                                                                                                                                                                                                                                                                                                                                                               |
|-----------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Comments: | <div style="border: 1px solid black; padding: 5px;"><p>Application states:</p><div style="border: 1px solid green; height: 250px; margin: 10px 0;"></div><p>s.73 irrelevant information</p><p>For agile wallabies:</p><ul style="list-style-type: none"><li>- Trapping/penning (as described in an attached file note email)</li><li>- Shooting / spotlighting from a vehicle</li></ul></div> |
|-----------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

How will the applicant ensure that the proposed mitigation method is humane? (Consideration should be given to the capability and methods of the operator who will be carrying out the take).

|           |                                                                                                                                                                                          |
|-----------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Comments: | <div style="border: 1px solid black; padding: 5px;"><p>Application states: All animals taken under a DMP will be humanely euthanased. Conditions will be placed on the permit.</p></div> |
|-----------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

If the proposed method is not humane, what changes to the mitigation method are required to ensure the take would be humane?

**Assessment form**  
**Damage mitigation permit (culling and dispersal)**

Comments: N/A

If the mitigation method cannot be amended to ensure humaneness, a DMP cannot be issued.

**Section  
186(c)**  
**Delegate  
Comments:**

**12. Legislative requirement: Section 186(d) of the Wildlife Management Regulation**

*Section 186(d):*

(d) *if the animal is a protected reptile—*

*i. the reptile will be released into the wild; or*

*ii. a conservation plan for the reptile authorises the holder of a damage mitigation permit to keep the reptile under the permit or otherwise*

Is the DMP for a reptile?

☐ Yes ☒ No

If Yes, this type of DMP cannot be issued.

**Section  
186(d)**  
**Delegate  
Comments:**

**13. Legislative requirement: Section 26 of the Nature Conservation (Administration) Regulation 2017 – Considerations to be taken into account by the delegate**

**Assessment form**  
**Damage mitigation permit (culling and dispersal)**

| <b>Section 25 considerations<br/>(to be completed by assessing officer)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | <b>Consideration given<br/>(delegate's use only)</b> |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------|
| <p>(a) <i>The impact the activities that may be carried out under the DMP may have on the conservation of this or other native wildlife;</i></p> <ul style="list-style-type: none"> <li><i>Is this proposed activity likely to affect other species?</i></li> </ul> <p>No</p>                                                                                                                                                                                                                                                                                | <input type="checkbox"/>                             |
| <p>(b) <i>The effect the grant of the authority will have on the fair and equitable access to nature, having regard to, in particular, the ecologically sustainable use of wildlife;</i></p> <ul style="list-style-type: none"> <li><i>Will the issue of this permit reduce an existing ecologically sustainable use of wildlife?</i></li> </ul> <p>No</p> <ul style="list-style-type: none"> <li><i>Will the issue of this permit reduce the general public's access to nature?</i></li> </ul> <p>Yes, but the idea is to reduce negative interactions.</p> | <input type="checkbox"/>                             |
| <p>(c) <i>Any contribution the applicant proposes to make to the conservation of nature;</i></p> <ul style="list-style-type: none"> <li><i>Is the applicant proposing to undertake conservation works that will alleviate impacts on the species?</i></li> </ul> <p>No</p>                                                                                                                                                                                                                                                                                   | <input type="checkbox"/>                             |
| <p>(d) <i>Any relevant Australian or international code, instrument, protocol or standard or any relevant intergovernmental agreement;</i></p> <ul style="list-style-type: none"> <li><i>Has there been a search for documents and instruments relating to the species?</i></li> </ul> <p>Yes</p>                                                                                                                                                                                                                                                            | <input type="checkbox"/>                             |
| <p>(e) <i>The precautionary principle;</i></p> <ul style="list-style-type: none"> <li><i>Is there any gap in our understanding of impact on the species that should preclude issuing the permit?</i></li> </ul> <p>No</p>                                                                                                                                                                                                                                                                                                                                    | <input type="checkbox"/>                             |
| <p>(f) <i>Public health and safety;</i></p> <ul style="list-style-type: none"> <li><i>Is there a public health and safety risk from the activities in the permit that has not been addressed?</i></li> </ul> <p>No</p>                                                                                                                                                                                                                                                                                                                                       | <input type="checkbox"/>                             |
| <p>(g) <i>The public interest;</i></p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | <input type="checkbox"/>                             |

**Assessment form**

**Damage mitigation permit (culling and dispersal)**

|                                                                                                                                                                                                                                                                                                       |                          |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|
| <ul style="list-style-type: none"> <li>Is the issue of the permit in the public interest?</li> </ul> <p>Yes</p>                                                                                                                                                                                       |                          |
| <p>(h) Whether the applicant is a suitable person to hold the authority, having regard to the matters mentioned in schedule 2 of the Administration Regulation;</p> <ul style="list-style-type: none"> <li>Does the applicant have a conviction relating to the permit activity?</li> </ul> <p>No</p> | <input type="checkbox"/> |
| <p>(k) Any recovery plan for wildlife to which the authority applies.</p> <ul style="list-style-type: none"> <li>Has a search been carried out for a recovery plan for the species?</li> </ul> <p>Yes</p>                                                                                             | <input type="checkbox"/> |

**14. Other considerations prior to issuing the permit:**

Has the applicant held this type of permit before?

☒ Yes ☐ No

If yes, has the applicant submitted the 'return of operations'?

☒ Yes ☐ No

(A return of operation is due for each 3 month period during the life of the permit)

If no, permit not to be issued until returns are submitted.

Has a field assessment been completed? (attach copy)

☐ Yes ☒ No

Comments:

Has the applicant specified start and completion dates?

☒ Yes ☐ No

Comments:

8.11.2017 - 7.11.2020

What is the length of the permit term?

Is this application for a 12 month 'culling and dispersal' DMP?

☐ Yes ☒ No

Is this application for a 3 year 'culling and dispersal' DMP and is accompanied by a Property Management Plan?

☒ Yes ☐ No

Provide comment if not issued for either full term as listed above:

Comments:

**15. Ecotrack conditions**

**a) Standard conditions – lethal take activity**

Check the following conditions are added to the permit:

**Ecotrack standard condition (ESC)**

☒ WI Important notes:

A Return of operations form must be sent to EHP within 10 business days after the end of the permit, and you must keep a copy for your records. If the return of operations on the approved form is not submitted a penalty may be given. The approved form should be downloaded via the following EHP website link: [http://www.ehp.qld.gov.au/licences-permits/plants-animals/return\\_of\\_operations.html](http://www.ehp.qld.gov.au/licences-permits/plants-animals/return_of_operations.html)

**Ecotrack standard conditions –permits issued under a Property Management Plan**

☐ This permit must be in conjunction with and in adherence with the approved Property Management Plan (PMP).

**16. Recommendation and comment regarding grant of permit:**

Supported ☒ Not supported ☐

Name: Laura Affleck

Position: Conservation Officer

Date: 11.12.17

Comments:

After consultation with the applicant they have provided an adequate explanation of damage, economic loss and reasonable use of non-lethal mitigation methods used.

The applicant has applied for this DMP under the reasoning of both damage and threat to human health. I have pulled out what information I could into the two sections.

Original application was for s.73 irrelevant info and unlimited agile wallabies. s.73 irrelevant informatio  
s.73 irrelevant information The applicant was requested to state a specific number for agile wallabies based on their harvest calculator which enables them to calculate how many individuals they need to take each year to ensure a sustainable population. The applicant requested to change this quantity to 1000.

s.73 irrelevant information

They stated in the teleconference that there are 1-2 traffic incidents a month with wildlife and that there are 200-300 cars and vans on Hamilton Island . Their website says that the island is a "car-free environment" (see attached file note).

In the teleconference s.73 irrelevant informed us that there are no agile wallabies on Dent Island.

s.73 irrelevant information

Note: Application activity in Connect is listed as 'Culling to protect human health or wel-being' as

**Assessment form**

**Damage mitigation permit (culling and dispersal)**

---

you cannot select two activities.

**17. Senior conservation officer endorsement: (where applicable)**

Supported ☐ Not supported ☐

Name:

Position:

Date:

Comments:

**18. Manager/delegate approval:**

Supported ☐ Not supported ☐

Name:

Position:

Date:

Comments:

---

EHP policy standards and legislative requirements are detailed within:

*Nature Conservation Act 1992*

*Nature Conservation (Wildlife) Regulation 2006*

*Nature Conservation (Wildlife Management) Regulation 2006*

*Nature Conservation (Administration) Regulation 2017*

APP0005717

- Summary
- Assessment
- Tasks
- Financial Summary
- Condition Summary
- News
- Related Actions

Application Summary

Application Reference: APP0005717

Authority Type: Wildlife Authority

Permit Type: Damage Mitigation Permit

Industry Sector: Unknown

Lodgement Date: 24/10/2017

Stage: Decision

Status: Permit Issued

Related Permit [WA0004343](#)

Damage Mitigation

Damage mitigation Details

|                                                                                                                                                |                                                                                        |
|------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|
| What is your reason for applying for this permit? (Examples include damage to pastures, grains, crops, threat to human health and well-being.) | Culling Wildlife to prevent damage or loss, and threat to human health and well being. |
| Outline the monetary loss experienced:                                                                                                         | Refer to current Property Management Plan                                              |
| What previous damage mitigation method(s) have you tried (if any) and was this successful?                                                     | Refer to current Property Management Plan                                              |

Wildlife Suitability

During the past 10 years have you ever (in Queensland or elsewhere) been found guilty of any criminal offence or entered a plea of guilty in a Court?

No

Have you ever had an equivalent permit from another State or country that was suspended and/or cancelled?

No

Project Dates

Start and completion dates

|                 |            |
|-----------------|------------|
| Start date      | 8 Nov 2017 |
| Completion date | 7 Nov 2020 |

Persons Operating

Provide the name(s) of the person(s) operating under this permit

| Family Name                 | Given Name |
|-----------------------------|------------|
| s.73 irrelevant information |            |

Information Requests

Information Requests

| ID     | Type | Direction | EIS Flag | Reason | Updated timestamp | Last updated by |
|--------|------|-----------|----------|--------|-------------------|-----------------|
| 18-028 |      |           | File B   |        |                   |                 |

8/17/2018APP0005717

| ID                 | Type | Direction | EIS Flag | Reason | Updated timestamp | Last updated by |
|--------------------|------|-----------|----------|--------|-------------------|-----------------|
| No items available |      |           |          |        |                   |                 |

Approval Workflow History

| Outcome                     | Timestamp        | Reason                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Recommendation | Status   | User          | Comments                                                                                                                                                                                                                                                                                                 |
|-----------------------------|------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|----------|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Permit Application Decision | 23/12/2017 17:08 | <p>After consultation with the applicant they have provided an adequate explanation of damage, economic loss and reasonable use of non-lethal mitigation methods used.</p> <p>The applicant has applied for this DMP under the reasoning of both damage and threat to human health. I have pulled out what information I could into the two sections.</p> <p>Original application was for <u>s.73 irre</u> <u>s.73 irre</u> and unlimited agile wallabies.</p> <p><u>s.73 irrelevant info</u> <u>s.73 irrele</u> The applicant was requested to state a specific number for agile wallabies based on their harvest calculator which enables them to calculate how many individuals they need to take each year to ensure a sustainable population. The applicant requested to change this quantity to 1000.</p> <div></div> <p><u>s.73 irrelevant infor</u></p> <p>They stated in the teleconference that there are 1-2 traffic incidents a month</p> | Grant          | Approved | Dayna Couprie | <p>I believe the conditions listed and actions undertaken as part of this assessment meet the legislative requirements. I particularly note the robust conditions regarding the high numbers of <u>s.73 irre</u> and wallabies and the requirement to deliver a report to EHP after a certain point.</p> |

| Outcome          | Timestamp        | Reason                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Recommendation | Status   | User        | Comments                                                                                                          |
|------------------|------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|----------|-------------|-------------------------------------------------------------------------------------------------------------------|
|                  |                  | <p>with wildlife and that there are 200-300 cars and vans on Hamilton Island . Their website says that the island is a "car-free environment" (see attached file note).</p> <p>In the teleconference <span>s.73 irrelev</span> informed us that there are no agile wallabies on Dent Island. <span>s.73 irrel</span></p> <p><span>s.73 irrelevant in</span></p> <p>Note: Application activity in Connect is listed as 'Culling to protect human health or well-being' as you cannot select two activities.</p>                                                                                                                                                                                                                                                                                                                                                                 |                |          |             |                                                                                                                   |
| Pending Approval | 13/12/2017 13:30 | <p>After consultation with the applicant they have provided an adequate explanation of damage, economic loss and reasonable use of non-lethal mitigation methods used.</p> <p>The applicant has applied for this DMP under the reasoning of both damage and threat to human health. I have pulled out what information I could into the two sections.</p> <p>Original application was for <span>s.73</span> <span>s.73 irre</span> and unlimited agile wallabies.</p> <p><span>s.73 irrelevant infor</span> <span>s.73 irrelev</span> The applicant was requested to state a specific number for agile wallabies based on their harvest calculator which enables them to calculate how many individuals they need to take each year to ensure a sustainable population. The applicant requested to change this quantity to 1000.</p> <p><span>s.73 irrelevant infor</span></p> |                | Approved | Brent Smith | Delegate- I endorse this permit. Have sent reminder email regarding assessment officers concerns with conditions. |

| Outcome                     | Timestamp        | Reason                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Recommendation | Status           | User         | Comments                                                                                                          |
|-----------------------------|------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|------------------|--------------|-------------------------------------------------------------------------------------------------------------------|
|                             |                  | <div></div> <p>s.73 irrelevant info</p> <p>They stated in the teleconference that there are 1-2 traffic incidents a month with wildlife and that there are 200-300 cars and vans on Hamilton Island . Their website says that the island is a "car-free environment" (see attached file note).</p> <p>In the teleconference s.73 irrelev informed us that there are no agile wallabies on Dent Island. s.73 irrelev</p> <div></div> <p>s.73 irrelevant i</p> <p>Note: Application activity in Connect is listed as 'Culling to protect human health or well-being' as you cannot select two activities.</p> |                |                  |              |                                                                                                                   |
| Permit Application Decision | 13/12/2017 13:30 | <p>After consultation with the applicant they have provided an adequate explanation of damage, economic loss and reasonable use of non-lethal mitigation methods used.</p> <p>The applicant has applied for this DMP under the reasoning of both damage and threat to human health. I have pulled out what information I could into the two sections.</p> <p>Original application was for s.73 s.73 irre and unlimited agile wallabies.</p> <div></div> <p>s.73 irrelevant info s.73 irrelev</p> <p>The applicant was requested to state a specific number for agile wallabies</p>                          | Grant          | Pending Approval | Samuel Dawes | Delegate- I endorse this permit. Have sent reminder email regarding assessment officers concerns with conditions. |

| Outcome                     | Timestamp        | Reason                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Recommendation | Status         | User          | Comments |
|-----------------------------|------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|----------------|---------------|----------|
|                             |                  | <p>based on their harvest calculator which enables them to calculate how many individuals they need to take each year to ensure a sustainable population. The applicant requested to change this quantity to 1000.</p> <p>[REDACTED]</p> <p>s.73 irrelevant info</p> <p>They stated in the teleconference that there are 1-2 traffic incidents a month with wildlife and that there are 200-300 cars and vans on Hamilton Island . Their website says that the island is a "car-free environment" (see attached file note).</p> <p>In the teleconference [REDACTED]</p> <p>s.73 irrelevant info</p> <p>informed us that there are no agile wallabies on Dent Island. [REDACTED]</p> <p>s.73 irrelevant info</p> <p>Note: Application activity in Connect is listed as 'Culling to protect human health or well-being' as you cannot select two activities.</p> |                |                |               |          |
| Permit Application Decision | 13/12/2017 11:19 | <p>After consultation with the applicant they have provided an adequate explanation of damage, economic loss and reasonable use of non-lethal mitigation methods used.</p> <p>The applicant has applied for this DMP under the</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Grant          | Pending Review | Laura Affleck |          |

| Outcome | Timestamp | Reason                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Recommendation | Status | User | Comments |
|---------|-----------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|--------|------|----------|
|         |           | <p>reasoning of both damage and threat to human health. I have pulled out what information I could into the two sections.</p> <p>Original application was for s.73 irrelev and unlimited agile wallabies.</p> <p>s.73 irrelevant info (s.73 irrelevant) The applicant was requested to state a specific number for agile wallabies based on their harvest calculator which enables them to calculate how many individuals they need to take each year to ensure a sustainable population. The applicant requested to change this quantity to 1000.</p> <p>s.73 irrelevant info</p> <p>They stated in the teleconference that there are 1-2 traffic incidents a month with wildlife and that there are 200-300 cars and vans on Hamilton Island. Their website says that the island is a "car-free environment" (see attached file note).</p> <p>In the teleconference s.73 irrelevant informed us that there are no agile wallabies on Dent Island. s.73 irrelevant</p> <p>s.73 irrelevant info</p> <p>Note: Application activity in Connect is listed as 'Culling to protect human</p> |                |        |      |          |

| Outcome | Timestamp | Reason                                                     | Recommendation | Status | User | Comments |
|---------|-----------|------------------------------------------------------------|----------------|--------|------|----------|
|         |           | health or well-being' as you cannot select two activities. |                |        |      |          |

Internal Review

Requests

| Reviewed Decision  | Compliant | Comment | Created | Created by |
|--------------------|-----------|---------|---------|------------|
| No items available |           |         |         |            |

Original Decisions Under Review

| Decision           | Recommendation | Reason | Comment | Updated | User |
|--------------------|----------------|--------|---------|---------|------|
| No items available |                |        |         |         |      |



**From:** s.73 irrelevant information  
**Sent:** Tuesday, 24 October 2017 12:10 PM  
**To:** HOTCHKIS Debra  
**Subject:** Damage Mitigation Permit Application APP0005717  
**Attachments:** Additional Information.pdf

Hello Deb

As discussed, please find **attached** additional information to be uploaded to application APP0005717.

Thank you again for your assistance.

**Kind regards**

s.73 irrelevant information

Deloitte has released an economic impact study that has placed a value for the first time on the Great Barrier Reef at \$56 billion. Discover this Natural Wonder of the World for yourself when you visit Hamilton Island.

Additional information

14. Provide the names of the persons operating under this permit (Continued)

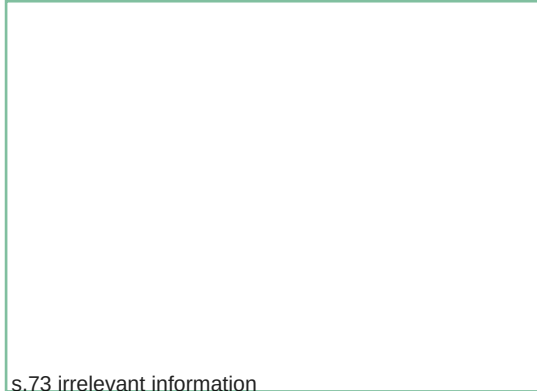
|                         |                               |
|-------------------------|-------------------------------|
| FAMILY NAME<br>s.73 irr | GIVEN NAME<br>s.73 irrelevant |
| FAMILY NAME<br>s.73 irr | GIVEN NAME<br>s.73 irr        |

# Notice of Decision

## Section 12(a) of Nature Conservation (Administration) Regulation 2017

This notice is issued by the administering authority to advise of a statutory decision on a permit application

To:



s.73 irrelevant information

Our reference: APP0005717

Dear Sir/Madam

Re: Decision made in relation to your application

Your application received on 24 October 2017 has been assessed and the decision in regards to your application is specified below:

| Permit applied for                                                                                                                                   | Permit number | Decision |
|------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|----------|
| Damage Mitigation Permit, Culling to protect human health or well-being, Lethal take of protected animals (non flying-fox), Property management plan | WA0004343     | GRANTED  |

Your application for a permit has been granted, the conditions of approval are attached.

Your permit reference is WA0004343.

Please note that for the approval, this Notice of Decision and the relevant attachments constitute the permit documentation. Please retain this approval documentation for your records.

Included with this notice is advice on review and appeal processes that may be available to you. Should you seek a review or appeal, you are advised to seek independent advice before taking such action.

Should you have any queries in relation to this notice, please refer to the contact details below.

Dayna Couprie  
Department of Environment and Heritage Protection  
Delegate of the administering authority  
Nature Conservation Act 1992

Enquiries:  
Wildlife Assessment Team  
Email: [wildlife@ehp.qld.gov.au](mailto:wildlife@ehp.qld.gov.au)  
Postal Address: PO Box 102, Toowoomba, QLD, 4350

**Date granted: 02 January 2018**

Attachments:

Permit:

## Nature Conservation Act 1992

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Information notice: Statutory decision on a permit application under the Nature Conservation (Administration) Regulation 2017

Published on DES Disclosure Log  
RTI Act 2009



# Information Sheet

This information sheet is issued by the Department of Environment and Heritage Protection to advise of a statutory decision on a permit application under the *Nature Conservation Act 1992 (the Act)*.

When assessing an application for a license, permit or other authority, the chief executive must have regard to the following matters under the following laws:

## Section 26(1) of the Nature Conservation (Administration) Regulation 2017<sup>1</sup>

- a) the impact the activities that may be carried out under the authority may have on the conservation of the cultural or natural resources of a protected area or native wildlife;
- b) the effect the grant of the authority will have on the fair and equitable access to nature, having regard to, in particular, the ecologically sustainable use of protected areas or wildlife;
- c) any contribution the applicant proposes to make to the conservation of nature;
- d) any relevant Australian or international code, instrument, protocol or standard or any relevant intergovernmental agreement;
- e) the precautionary principle;
- f) public health and safety;
- g) the public interest;
- h) for an application for a relevant authority other than a camping permit—whether the applicant is a suitable person to hold the authority, having regard to the matters mentioned in schedule 2;
- i) for an application for a relevant authority for a national park (Cape York Peninsula Aboriginal land)—the indigenous management agreement for the protected area;
- j) any recovery plan for wildlife to which the authority applies;
- k) any other matter stated in a management instrument as a matter the chief executive must have regard to when considering an application for the authority.

## Section 26(2) of the Nature Conservation (Administration) Regulation 2017<sup>1</sup>

Without limiting subsection (1), the chief executive may have regard to anything else the chief executive considers appropriate to achieve the object of the Act.

## Section 33 of the Nature Conservation (Administration) Regulation 2017<sup>1</sup>

The chief executive cannot –

- a) grant a protected area authority to a person if the Protected Areas Management Regulation states the chief executive can not grant the authority to the person or to any person; or
- b) grant a wildlife authority to a person if the Wildlife Management Regulation or a conservation plan states the chief executive can not grant the authority to the person or to any person

<sup>1</sup> Matters relating to Protected Areas (excluding Nature Refuges) under the Nature Conservation Act 1992 are the responsibility of the Department of National Parks, Sport and Racing.

**This notice is issued by the Department of Environment and Heritage Protection to advise of a statutory decision on a permit application under the *Nature Conservation Act 1992 (the Act)*.**

Note – See also section 137 of the Act.

Section 137 of the *Nature Conservation Act 1992*

(2) A licence, permit or other authority issued or given under a regulation to—

- (a) take, use or keep protected wildlife; or
- (b) abandon, release, keep, use or introduce international or prohibited wildlife;

must be consistent with—

- (c) the management principles for the wildlife; and
- (d) the declared management intent, or conservation plan, applicable to the wildlife.

In assessing your application, consideration has been given to each of the relevant matters listed above, and consequently some conditions have been imposed on your permit. Please take the time to familiarise yourself with these requirements. Should you have any questions regarding any of these conditions please contact the Department of Environment and Heritage Protection using the contact details provided under the Enquiries heading on your licence, permit or other authority.

Part 4 of the Nature Conservation (Administration) Regulation 2017 provides for internal and external reviews, should you be dissatisfied with any reviewable decision. In summary these include:

- If you wish to apply for an internal review of the decision an application must be made in writing within 20 business days after being given this notice.
- The application must be supported by sufficient information to decide the application.
- The application for internal review does not stay the decision made. However you may apply to the Queensland Civil and Administrative Tribunal (QCAT) for a stay of the decision.
- The Department of Environment and Heritage Protection must review the decision within 28 days of receiving the application and provide you with a decision within 14 days of making the review decision.
- If you are dissatisfied with the internal review decision then you are able to file an application for an external review in the registry of the QCAT within 28 days of receiving the internal review notice.
- For further information you are directed to Part 4: Internal and External Reviews, of the Nature Conservation (Administration) Regulation 2017 and the *Queensland Civil and Administrative Tribunal Act 2009* which can both be found at [www.legislation.qld.gov.au/OQPChome.htm](http://www.legislation.qld.gov.au/OQPChome.htm)

Also please note:

Should it be determined at some future date by any Court or Tribunal that Native Title exists over the subject land or waters, this permit may be terminated and the holder (or any subsequent holder) may be required to remove any works established under this permit at the permit holder's (or any subsequent permit holder's) own cost, expense and risk. In that event, no compensation for works, development costs or loss of income shall be payable to the permit holder (or any subsequent permit holder) by the State of Queensland.

# Permit

Section 12(a) of Nature Conservation (Administration) Regulation 2017

## Damage Mitigation Permit

This wildlife authority is issued under the following legislation: Nature Conservation (Administration) Regulation 2017 Part 2 Division 1.

**Permit number:** WA0004343

**Valid from:** 26 July 2018 to 01 January 2021

**Activity:** Culling to protect human health or well-being - Lethal take of protected animals (non flying-fox)

| Role                                       | Name                        | Registered address          |
|--------------------------------------------|-----------------------------|-----------------------------|
| <b>Principal Holder:</b>                   | s.73 irrelevant information | s.73 irrelevant information |
| <b>Person In Charge:</b>                   | s.73 irrelevant information |                             |
| <b>Business name:</b>                      | s.73 irrelevant information | <b>ABN/ACN</b> / 009946909  |
| <b>Activity location/licensed premises</b> | Lot 8/CP861993              |                             |

### Schedule

| Family or Species or Schedule | Details                     | Category | Quantity | Unit |
|-------------------------------|-----------------------------|----------|----------|------|
| Species                       | s.73 irrelevant information |          |          |      |
| Species                       |                             |          |          |      |
| Species                       |                             |          |          |      |
| Species                       |                             |          |          |      |
| Species                       |                             |          |          |      |

|         |                                       |      |      |  |
|---------|---------------------------------------|------|------|--|
| Species | s.73 irrelevant information           |      |      |  |
| Species | agile wallaby, <i>Macropus agilis</i> | Live | 1000 |  |
| Species | s.73 irrelevant information           |      |      |  |
| Species |                                       |      |      |  |

Department of Environment and Science  
 Delegate of the administering authority  
 Nature Conservation Act 1992

**Date issued: 31 July 2018**

**Enquiries:**  
 Wildlife Assessment Team  
 Email: [wildlife@des.qld.gov.au](mailto:wildlife@des.qld.gov.au)  
 Postal Address: PO Box 102, Toowoomba, QLD, 4350

## Legislative Requirements and Conditions of Wildlife Authority

### Nature Conservation

#### Legislative Requirements

- DMLR01 A return of operations is required to be sent to DES either on the approved form or entered directly into Connect, if this is not submitted a penalty may be given.  
The required details must be provided within 10 business days after each 3 month period after the permit has been granted, and upon expiry.

You must keep a copy for your records, see [www.des.qld.gov.au](http://www.des.qld.gov.au)

This requirement may be found in section 188 of the Nature Conservation (Wildlife Management) Regulation 2006

- DMLR03 Activities carried out under this authority, unless otherwise authorised, apply to non-protected areas only.

This requirement may be found in section 12 of the Nature Conservation (Administration) Regulation 2006

#### Conditions

- DMM13 Accurate records of animals shot under this permit must be recorded in the return of operations form. These must be made at the end of each day/night that the animals are taken. These records must include the GPS coordinates of where the animal was taken, and the lethal mitigation method used.

- DMM15 A deterrent method that is not harmful to a protected animal, such as one using noise and/or light, must be used in conjunction with this permit.

- DMCC01 Euthanasia must be performed by a suitably qualified person.

- DMCC02 Methods of euthanasia, including methods of trapping and restraint for euthanasia, must not cause significant pain, suffering or distress.

s.73 irrelevant information

s.73 irrelevant information

DMCC04 Lethal take of wildlife must be humane and as per the recommended best practice listed  
'Code of Practice: Care of Sick, Injured or Orphaned Protected Animals in Queensland,  
Nature Conservation Act 1992'.

s.73 irrelevant information

Page 2 of 3

s.73 irrelevant information

This report is to be sent to [wildlife@des.qld.gov.au](mailto:wildlife@des.qld.gov.au)

## AFFLECK Laura

---

**From:** [s.73 irrelevant information]  
**Sent:** Thursday, 30 November 2017 9:01 AM  
**To:** AFFLECK Laura  
**Subject:** FW: Request for more information on your damage mitigation permit application

Hi Laura,  
Could we please arrange a phone meeting early next week to discuss these points before I submit in a reply in writing?  
If so, would next Tuesday afternoon sometime suit?

Kind regards,

[s.73 irrelevant information]

Deloitte has released an economic impact study that has placed a value for the first time on the Great Barrier Reef at \$56 billion. Discover this Natural Wonder of the World for yourself when you visit Hamilton Island.

---

**From:** [s.73 irrelevant information]  
**Sent:** Wednesday, November 22, 2017 9:02 AM  
**To:** [s.73 irrelevant information]  
**Cc:** [s.73 irrelevant information]  
**Subject:** FW: Request for more information on your damage mitigation permit application

Hello [s.73 irrelevant information]

Please see below email.

Kind regards

[s.73 irrelevant information]

Deloitte has released an economic impact study that has placed a value for the first time on the Great Barrier Reef at \$56 billion. Discover this Natural Wonder of the World for yourself when you visit Hamilton Island.

---

**From:** AFFLECK Laura [<mailto:Laura.Affleck@ehp.qld.gov.au>]  
**Sent:** Monday, 20 November 2017 10:47 AM  
**To:** [s.73 irrelevant information]  
**Cc:** DAWES Samuel <[Samuel.Dawes@ehp.qld.gov.au](mailto:Samuel.Dawes@ehp.qld.gov.au)>  
**Subject:** Request for more information on your damage mitigation permit application

Good morning,

Thank you for your application.

We are currently assessing your lethal damage mitigation permit application (reference number: APP0005717), for the s.73 irrelevant information lease area. In order to continue to process your application, we require clarification on your property management plan (PMP).

s.73 irrelevant information

s.73 irrelevant information

### **Wildlife Management Continuous improvement-Review and Evaluation**

On page 13 under the heading “*Wildlife management Continuous improvement- Review and Evaluation*” we note that you intend to compile a log book of records that review the effectiveness of management actions. The department notes that any log book(s), developed by the applicant cannot substitute for evidence provided in the form of a report prepared by a suitably qualified person(s).

s.73 irrelevant information

### **Agile Wallaby Management Action Plan**

Can you please provide details of the person/s who conducted the surveys on which the current population estimate for the island is based? Further details required are the dates and survey methodology used.

In addition please provide details as to how the proposed sustainable population number of 400 was reached, and what consideration [s.73 irrelevant information] is using to define a “sustainable population”. Further to this please provide details of the number of animals that [s.73 irrelevant information] is planning to cull on an annual basis to maintain a “sustainable population”.

Can you please discern the population between Dent Island and Hamilton Island?

In the table on page 16 you noted “causing traffic hazards, including aviation hazards”, as a potential problems. Can you please provide incident reports to evidence traffic hazards as a result of agile wallabies? We note also that aviation hazards are not applicable to this DMP.

s.73 irrelevant information



### **Damage Mitigation permits (DMP's)**

The department notes that you will only attempt lethal mitigation measure if non-lethal methods have failed or are not appropriate. Can you please evidence how your non-lethal methods that you have implement have failed or are not appropriate, and furthermore how you are lessening your reliance on lethal mitigation measures.

Once we hear back from you regarding the above matters we will be able to finalise our assessment of you permit application.

Kind regards,

**Laura Affleck**

**Conservation Officer**

Wildlife Assessment, Strategic Compliance and Southern Operations

**Conservation & Biodiversity Operations**

Department of Environment and Heritage Protection

400 George Street, Brisbane QLD 4000

GPO Box 2454, Brisbane QLD 4001

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## AFFLECK Laura

---

**From:** s.73 irrelevant information  
**Sent:** Tuesday, 5 December 2017 4:20 PM  
**To:** AFFLECK Laura  
**Cc:** s.73 irrelevant information  
**Subject:** FW: Request for more information on your damage mitigation permit application  
**Attachments:** FW: EHP site inspection

Hi Laura,

As discussed during the conference call today, please see below responses to your questions. I have also attached an email from Jeanette Kirby (EHP) from February which I have referred to in several points below

Kind regards,

s.73 irrelevant information

Deloitte has released an economic impact study that has placed a value for the first time on the Great Barrier Reef at \$56 billion. Discover this Natural Wonder of the World for yourself when you visit Hamilton Island.

---

**From:** AFFLECK Laura [<mailto:Laura.Affleck@ehp.qld.gov.au>]  
**Sent:** Monday, 20 November 2017 10:47 AM  
**To:** s.73 irrelevant information  
**Cc:** DAWES Samuel <[Samuel.Dawes@ehp.qld.gov.au](mailto:Samuel.Dawes@ehp.qld.gov.au)>  
**Subject:** Request for more information on your damage mitigation permit application

Good morning,

Thank you for your application.

We are currently assessing your lethal damage mitigation permit application (reference number: APP0005717), for the s.73 irrelevant information lease area. In order to continue to process your application, we require clarification on your property management plan (PMP).

s.73 irrelevant information

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RTI Act 2009

Published on DES Disclosure Log  
RTI Act 2009

s.73 irrelevant information

#### **8/ Wildlife Management Continuous improvement-Review and Evaluation**

On page 13 under the heading “*Wildlife management Continuous improvement- Review and Evaluation*” we note that you intend to compile a log book of records that review the effectiveness of management actions. The department notes that any log book(s), developed by the applicant cannot substitute for evidence provided in the form of a report prepared by a suitably qualified person(s).

**Management logs will not be substituted for expert oversight. s.73 uses industry authorities to develop, initiate, and advise on animal management.**

s.73 irrelevant information

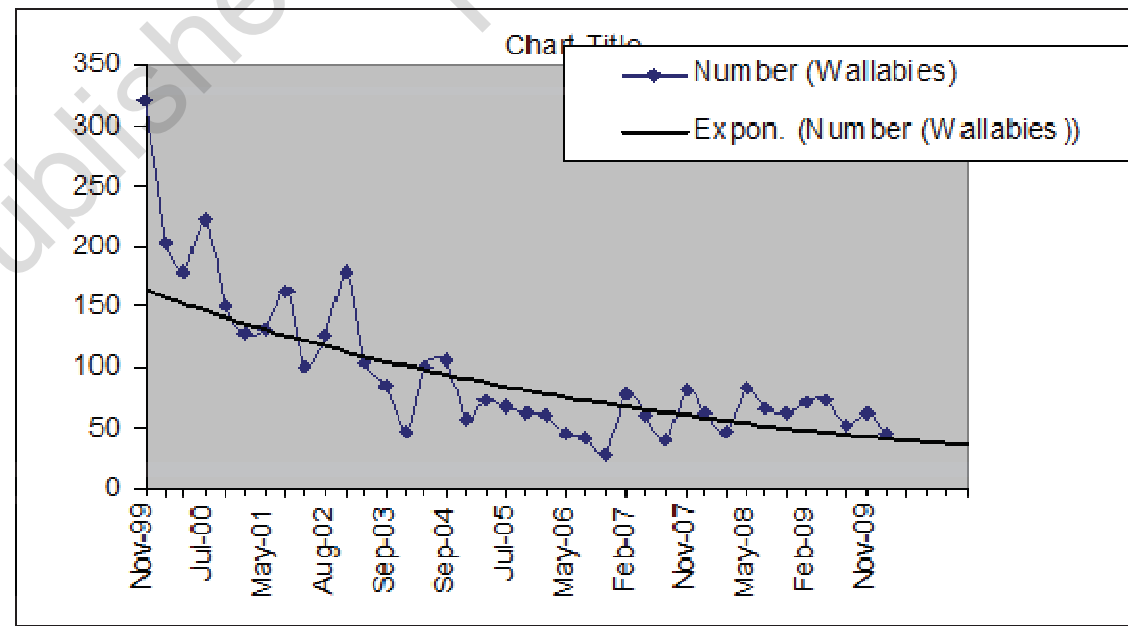
#### **10/ Agile Wallaby Management Action Plan**

Can you please provide details of the person/s who conducted the surveys on which the current population estimate for the island is based? Further details required are the dates and survey methodology used. In addition please provide details as to how the proposed sustainable population number of 400/600 (add in the "600" to PMP) was reached, and what consideration s.73 irrelevant information is using to define a "sustainable population". Further to this please provide details of the number of animals that s.73 irrelevant information is planning to cull on an annual basis to maintain a "sustainable population".

Background to the management of Agile wallabies on s.7 Agile wallabies are not native to s.7 but introduced as exhibits during the 1980's and have no predators on the island. Since their introduction they have become progressively more abundant and more widely distributed across the island. During the 1990s s.7 and QPWS recognised the negative environmental impacts resulting from their overabundance. These impacts included widespread loss of all grasses, defoliation of shrubs and absolute reliance on small irrigated areas and garden plants. The extent of impacts was very evident and included damage to fringing reefs due to sediment run-off secondary to vegetation loss, and poor condition and emaciation. Behaviourally animals were noted to act aggressively toward each other. Management programs to reduce the number of wallabies on the island were initiated in 1999. The graph below shows offtake per visit reducing from >300 per five day visit by contractors in 1999 to between 50 – 80 in 2010. Visits have continued since that time at approximately four per year with the effort remaining the same and offtake stabilizing at about 50 – 80 per visit.

A "harvest calculator" (using figures of – sex ratio, estimated life expectancy, proportion of breeding females, natural mortality rate, yearly offtake, breeding cycle/rate, etc) is used to establish the island population. This constant level of offtake suggests a stable population.

Condition of individual animals varies with animals visibly better conditioned during the wet season than late in the dry season (ref Veterinarian consultant). Reproductive output however is maintained throughout the year and in both good and dry years. This is consistent with known high survivability of adult macropods but vulnerability of recently emerged pouch young to nutritional stress. These offtake records constitute minimum and stable population estimates of 400/600 animals based on 10% natural attrition and >80 % annual recruitment of females in and beyond their second year, life expectancy 10 years. At this level, (400/600) animals, and the current level of offtake, notwithstanding a seasonal variation in body condition s.7 consider the population sustainable. At higher levels of abundance individuals, and the vegetation communities suffer the effects of excessive competition for food.



Can you please discern the population between Dent Island and Hamilton Island?

## No Agile Wallabies on Dent Island

In the table on page 16 you noted “causing traffic hazards, including aviation hazards”, as a potential problems. Can you please provide incident reports to evidence traffic hazards as a result of agile wallabies? We note also that aviation hazards are not applicable to this DMP.

Wallabies are often involved in traffic incidents/accidents. Even with the maximum speed limit around the island of mostly 20km/hr and some areas 30km/hr, the vehicles, particularly at night time, can come into unavoidable contact with wallabies sometimes causing injuries or death to the animals, and damage to the vehicles. This occurs approximately once or twice a month.

While this DMP does not apply to the airport, threat to aviation remains somewhat relevant because wallabies travel below the airport fence at low tide to graze on the airport apron. s.7 is limited by GBRMPA in the extent to which fences can intrude below low water.

s.73 irrelevant information

### 12/ Damage Mitigation permits (DMP's)

The department notes that you will only attempt lethal mitigation measure if non-lethal methods have failed or are not appropriate. Can you please evidence how your non-lethal methods that you have implement have failed or are not appropriate, and furthermore how you are lessening your reliance on lethal mitigation measures.

s.73 has achieved considerable success in minimizing the use of lethal control of wildlife. Considerable effort and resources have been committed to a raft of measures including;

- Staff education at induction
- Guest education with regard to not feeding wildlife
- Door security to exclude cockatoos from rooms.
- Signage to discourage feeding of birds
- Restaurant protocols to avoid leaving food on tables when diners leave so removing access of food to birds
- Bin design to discourage bird entry.
- Cages built around bin enclosures

s.73 make the point that despite all reasonable efforts and a culture of responsibly embracing wildlife some level of control remains necessary for the hygienic, safety, and environmentally sustainable operation of the island. In the case of animals not native to the island the options other than some level of lethal control may involve large scale periodic starvation events which s.7 would try to avoid.

Once we hear back from you regarding the above matters we will be able to finalise our assessment of you permit application.

Kind regards,



**Laura Affleck**  
**Conservation Officer**  
Wildlife Assessment, Strategic Compliance and Southern Operations  
**Conservation & Biodiversity Operations**  
Department of Environment and Heritage Protection

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400 George Street, Brisbane QLD 4000  
GPO Box 2454, Brisbane QLD 4001

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## AFFLECK Laura

**From:** s.73 irrelevant information  
**Sent:** Monday, 11 December 2017 9:07 AM  
**To:** AFFLECK Laura  
**Cc:** s.73 irrelevant information  
**Subject:** FW: Request for more information on your damage mitigation permit application  
**Attachments:** 170929 - Email from Paul Beri EHP re wallaby mustering trapping.pdf; 171209 Property wildlife Management Plan- per EHP RFI's.pdf

Hi Laura,  
Please see my response to your questions below in red.

Kind regards,

s.73 irrelevant information

Deloitte has released an economic impact study that has placed a value for the first time on the Great Barrier Reef at \$56 billion. Discover this Natural Wonder of the World for yourself when you visit Hamilton Island.

---

**From:** AFFLECK Laura [<mailto:Laura.Affleck@ehp.qld.gov.au>]  
**Sent:** Friday, December 8, 2017 11:51 AM  
**To:** s.73 irrelevant information  
**Subject:** RE: Request for more information on your damage mitigation permit application

Good morning s.73 irre

Thank you for such a productive meeting on Tuesday and the information provided in the previous email, it has clarified a lot of aspects of your application.

There are just three more things that have been identified in the final assessment stages that we will require from you:

s.73 irrelevant information

2. What is the proposed lethal mitigation method for s.73 irrelevant information and Agile Wallabies?

**Agile Wallabies –**

- Trapping/penning as described to EHP in the attached email
- Shooting / spotlighting from a vehicle.

s.73 irrelevant information

3. As described in the meeting on Tuesday and your below email, your harvest calculator for Agile Wallabies is able to establish the island population, and calculate how many are needed to be taken in order to keep it at the sustainable number. You also confirmed that the population estimate from last year was within this sustainable population bracket. With this in mind, can you please identify what a reasonable number of



individuals needing to be taken over the next three-year period would be for you, in order to maintain this sustainable population.

During the last three year DMP a total of 730 Wallabies were taken. We would therefore like to request 1,000 numbers.

The additional numbers reflects the possibility of higher than normal breeding numbers which could occur, and has been observed on occasions in past years.

As part of our assessment we have to comment on whether the amount requested is likely to adversely affect the survival of the species in the wild. Since this permit application covers the entire island (excluding the airport which has been granted unlimited take of Agile Wallabies due to the threat to human safety), and there is no natural immigration or emigration in the wallaby population on Hamilton Island, unlimited take does have the potential to adversely affect the survival of this local population. In order to address this concern, if a permit were to be granted we would like it to be for a specified number of Agile Wallabies, as determined by your calculations and review of previous Return of Operations.

It should be noted that the Agile wallabies on Hamilton Island were an introduced species (sometime in the 1980's), and are not native to Hamilton Island

Once I hear back from you my final assessment will be sent to the delegate.

If you have any questions please do not hesitate to ask.

Kind regards,

Laura Affleck

Conservation Officer

Wildlife Assessment, Strategic Compliance and Southern Operations

Conservation & Biodiversity Operations

Department of Environment and Heritage Protection

P (07) 3330 5258 ext. 25258

400 George Street, Brisbane QLD 4000

GPO Box 2454, Brisbane QLD 4001

From: [s.73 irrelevant information]

Sent: Tuesday, 5 December 2017 4:20 PM

To: AFFLECK Laura <[Laura.Affleck@ehp.qld.gov.au](mailto:Laura.Affleck@ehp.qld.gov.au)>

[s.73 irrelevant information]

**Subject:** FW: Request for more information on your damage mitigation permit application

Hi Laura,

As discussed during the conference call today, please see below responses to your questions.

I have also attached an email from Jeanette Kirby (EHP) from February which I have referred to in several points below

Kind regards,

[s.73 irrelevant information]

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---

**From:** AFFLECK Laura [<mailto:Laura.Affleck@ehp.qld.gov.au>]

**Sent:** Monday, 20 November 2017 10:47 AM

**To:** [s.73 irrelevant information]

**Cc:** DAWES Samuel <[Samuel.Dawes@ehp.qld.gov.au](mailto:Samuel.Dawes@ehp.qld.gov.au)>

**Subject:** Request for more information on your damage mitigation permit application

Good morning,

Thank you for your application.

We are currently assessing your lethal damage mitigation permit application (reference number: APP0005717), for the [s.73 irrelevant information] lease area. In order to continue to process your application, we require clarification on your property management plan (PMP).

Published on DES Disclosure Log  
RTI Act 2009

s.73 irrelevant information

As a follow up from our meeting on Friday 10 February and site visit 14 February 2017, I can provide the following responses for queries:

s.73 irrelevant information

2. Does s.73 need to include in the RoO the number of roadkills and/or sick injured animals that are brought to management for euthanizing? (they currently do)

EHP response:

- Similar to all land holders, EHP does not require that we are notified about roadkills;
- s.73 may consider addressing this issue in the Property Management Plan, with options of how best to minimise roadkills; and
- Not reportable in RoO as not due to actions under the DMP permit.
- Similar to all land holders, EHP does not require that we are notified about sick/injured animals unless they are EVNT species;
- They may consider addressing this issue in the Property Management Plan, with options of how s.7 will deal with sick/injured animals;
- Sick and injured animals should be dealt with as per the [Code of Practice Care of Sick, Injured or Orphaned Protected Animals in Qld](#); and
- Not reportable in RoO as not due to actions under the DMP permit.

s.73 irrelevant information

## **8/ Wildlife Management Continuous improvement-Review and Evaluation**

On page 13 under the heading “Wildlife management Continuous improvement- Review and Evaluation” we note that you intend to compile a log book of records that review the effectiveness of management actions. The

department notes that any log book(s), developed by the applicant cannot substitute for evidence provided in the form of a report prepared by a suitably qualified person(s).

**Management logs will not be substituted for expert oversight. [s.7] uses industry authorities to develop, initiate, and advise on animal management.**

s.73 irrelevant information

#### **10/ Agile Wallaby Management Action Plan**

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In addition please provide details as to how the proposed sustainable population number of 400/600 (add in the "600" to PMP) was reached, and what consideration [s.73 irrelevant information] is using to define a "sustainable population". Further to this please provide details of the number of animals that [s.73 irrelevant information] is planning to cull on an annual basis to maintain a "sustainable population".

#### **Background to the management of Agile wallabies on [s.73]**

Agile wallabies are not native to [s.7] but introduced as exhibits during the 1980's and have no predators on the island. Since their introduction they have become progressively more abundant and more widely distributed across the island. During the 1990s [s.7] and QPWS recognised the negative environmental impacts resulting from their overabundance. These impacts included widespread loss of all grasses, defoliation of shrubs and absolute reliance on small irrigated areas and garden plants. The extent of impacts was very evident and included damage to fringing reefs due to sediment run-off secondary to vegetation loss, and poor condition and emaciation.

Behaviourally animals were noted to act aggressively toward each other.

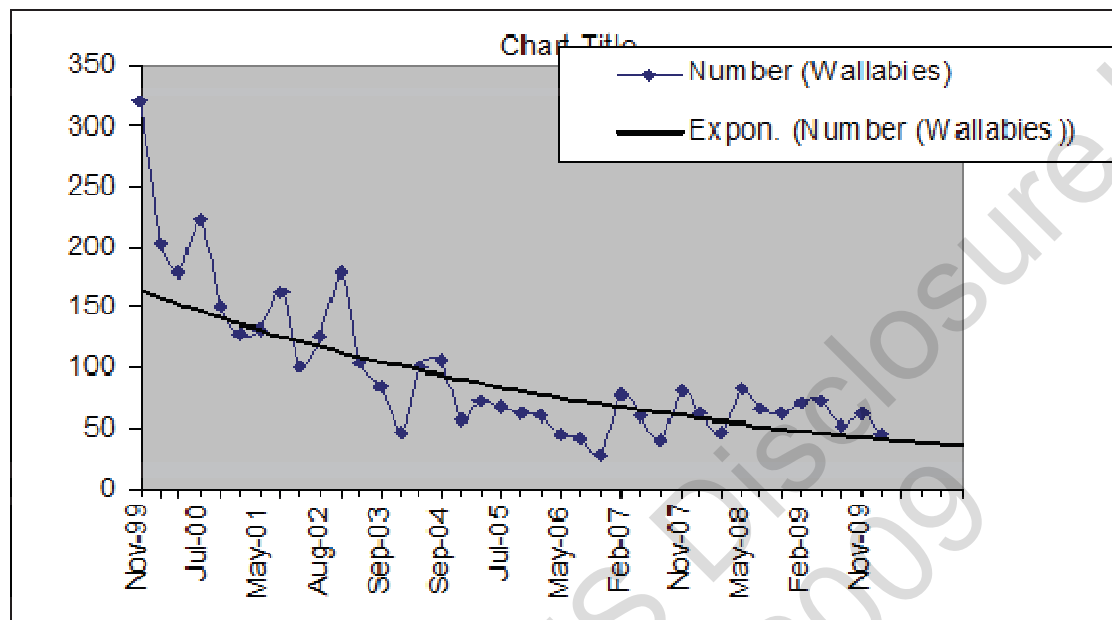
Management programs to reduce the number of wallabies on the island were initiated in 1999. The graph below shows offtake per visit reducing from >300 per five day visit by contractors in 1999 to between 50 – 80 in 2010. Visits have continued since that time at approximately four per year with the effort remaining the same and offtake stabilizing at about 50 – 80 per visit.

A "harvest calculator" (using figures of – sex ratio, estimated life expectancy, proportion of breeding females, natural mortality rate, yearly offtake, breeding cycle/rate, etc) is used to establish the island population. This constant level of offtake suggests a stable population.

Condition of individual animals varies with animals visibly better conditioned during the wet season than late in the dry season (ref Veterinarian consultant). Reproductive output however is maintained throughout the year and in both good and dry years. This is consistent with known high survivability of adult macropods but vulnerability of recently emerged pouch young to nutritional stress.

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At this level, (400/600) animals, and the current level of offtake, notwithstanding a seasonal variation in body condition s.73 consider the population sustainable. At higher levels of abundance individuals, and the vegetation communities suffer the effects of excessive competition for food.



Can you please discern the population between Dent Island and Hamilton Island?

#### No Agile Wallabies on Dent Island

In the table on page 16 you noted “causing traffic hazards, including aviation hazards”, as a potential problems. Can you please provide incident reports to evidence traffic hazards as a result of agile wallabies? We note also that aviation hazards are not applicable to this DMP.

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s.73 irrelevant information



s.73 irrelevant information

## **12/ Damage Mitigation permits (DMP's)**

The department notes that you will only attempt lethal mitigation measure if non-lethal methods have failed or are not appropriate. Can you please evidence how your non-lethal methods that you have implement have failed or are not appropriate, and furthermore how you are lessening your reliance on lethal mitigation measures.

**s.73 has achieved considerable success in minimizing the use of lethal control of wildlife. Considerable effort and resources have been committed to a raft of measures including;**

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- **Guest education with regard to not feeding wildlife**
- **Door security to exclude cockatoos from rooms.**
- **Signage to discourage feeding of birds**
- **Restaurant protocols to avoid leaving food on tables when diners leave so removing access of food to birds**
- **Bin design to discourage bird entry.**
- **Cages built around bin enclosures**

**s.73 make the point that despite all reasonable efforts and a culture of responsibly embracing wildlife some level of control remains necessary for the hygienic, safety, and environmentally sustainable operation of the island. In the case of animals not native to the island the options other than some level of lethal control may involve large scale periodic starvation events which s.73 would try to avoid.**

Once we hear back from you regarding the above matters we will be able to finalise our assessment of you permit application.

Kind regards,

**Laura Affleck**

**Conservation Officer**

Wildlife Assessment, Strategic Compliance and Southern Operations

**Conservation & Biodiversity Operations**

Department of Environment and Heritage Protection

400 George Street, Brisbane QLD 4000

GPO Box 2454, Brisbane QLD 4001

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## Email

From: BERI Paul  
 To: s.73 irrelevant  
 CC: PERERA Dinouk  
 Subject: RE: Exemption submission - 1/ Animal control fenced pen areas, 2/ Firearm/ammunition combination

Sent: 9/29/2017 10:05:55 AM



**Attachments may contain viruses that are harmful to your computer. Attachments may not display correctly.**

image001.png (35Kb) image003.png (28Kb)

Hi s.73 irrele

Thanks for your time on the phone yesterday. As discussed, on September 1<sup>st</sup>, 2017, the latest review to many pieces of QLD legislation was released. Among these was the updated *Nature Conservation (Macropod) Conservation Plan 2017*, which supersedes the 2005 version. While the advice given that prompted your below email was accurate at the time, certain things have changed in the updated version, available here:

<https://www.legislation.qld.gov.au/view/html/inforce/current/sl-2017-0153#pt.3-div.5>

The most relevant of these changes for s.73 is found in division 5 - Damage mitigation permits for macropods. The prohibition on mustering/trapping has been removed in this section, although it still stands in sections relating to macropod 'harvesting' permits. This change removes the need for the first exemption that s.73 has expressed an interest in. It is worth noting that this *does not nullify any requirements outlined in the permit conditions or codes of practice referred to within these conditions*. Condition PB6 of WIMP15187914 makes note of the *Code of Practice for the Humane Shooting of Kangaroos*, which has since been superseded by a number of others, including *National Code of Practice for the Humane Shooting of Kangaroos and Wallabies for Non-Commercial Purposes*. Interestingly, this code also does not rule out mustering/trapping prior to take.

I hope this information is of use to yourself and s.73 in

In relation to the second exemption regarding firearms/ammunition combination, I'll look into heads of power regarding these requirements and we can move forward on it. Any advice given will relate specifically to humane take of macopods - other advice relating to weapons safety and requirements relating to the use of firearms in built up areas will need to come from Qld Police.

Regards,



Paul Beri

A/Senior Wildlife Officer, Mackay - Northern Operations

**Conservation and Biodiversity Operations | Conservation and Sustainability Services**

Department of Environment and Heritage Protection

P 07 4796 7791 M sch4p4(6) Person  
 PO Box 375, Garbutt East LPO, QLD, 4810  
 Website: [www.ehp.qld.gov.au](http://www.ehp.qld.gov.au)

From: s.73 irrelevant information  
 Sent: Tuesday, 26 September 2017 4:01 PM  
 To: BERI Paul  
 Cc: s.73 irrelevant informati  
 Subject: Exemption submission - 1/ Animal control fenced pen areas, 2/ Firearm/ammunition combination

Paul,

s.73 irrelevant information would like to apply for the following two exemptions -

**1/ Animal control fenced pen areas – exemption from the Nature Conservation (Macropod) Conservation Plan 2005**

<https://archivemanager.hamiltonisland.com.au/PrintMessage.aspx?CheckSums=4068f16f-b2e8-c7fd-c151-4b051b325afb>

As discussed on the phone a few weeks ago [s.73] would like to seek official approval to use fenced pen areas (traps) as part of the wildlife control measures utilised for our DMP permit WIMP15187414.

Your email dated 24/8/2017 points out that this is not permitted under the act – extract below

*Section 15 of this legislation states:*

*"Prohibition on mustering or trapping macropod:*

*The holder, or a relevant person for the holder, of a relevant authority who is authorised to take a macropod under the authority must not muster or trap a macropod for the purpose of taking it under the authority."*

*The definition of 'Take' under the Nature Conservation Act 1992 as it relates to an animal is to:*

*"Hunt, shoot, wound, kill, skin, poison, net, snare, spear, trap, catch, dredge for, bring ashore or aboard a boat, pursue, lure, injure or harm the animal"*

[s.73] believe there is provision under the act to apply for an exemption to this section of legislation if there is fair and reasonable safety and ethical grounds.

[s.73] believe due to the following information that it is in the best interest of public safety, and a more humane procedure for lethal take animal control, to allow the use of *animal control fenced pen areas (traps)*.

#### History –

These traps have been approved in the past by senior EHP wildlife rangers as an appropriate method to contain wallabies (and feral deer) in a safe and humane manner before they are lethally taken.

These traps were trialled and were proven very successful, and provided enhanced safety for the public.

Precedent exists with trapping common practice for many species, including macropods under permit in other states.

#### Justification –

Enhanced safety for staff, residents, and members of the public due to –

- Safety risk assessments for the locations completed up front
- Projectile direction zone plans completed up front.
- Operations completed with minimal (spot) light disturbance
- Operations completed with minimal noise disturbance
- Operations completed in more remote locations

Sudden and humane death of target animals

- Almost certain sudden and humane death of target animals.
- 100% kill rate, and no risk of an injured animal or pouch young escaping.
- Shooter to use minimal noise and light disturbance so as to create minimal stress to the animals as possible

#### Locations –

Locations would be selected on the basis of –

At a safe distance and direction away from residential buildings

At a safe distance and direction away from public areas.

Areas where staff, residents, and members of the public generally do not traffic.

Areas where a risk assessment has been conducted, and deemed an appropriate location.

Areas where high numbers of target animals habitat, but cannot be population controlled under normal practices due to safety reasons.

Areas of natural scrub where animals feel comfortable and within their natural habitat

#### Construction of fenced areas (traps) –

1.8 meter high chain wire mesh fence (with bird wire at the base, rolled back into the trap and pinned down), supported by 50mm steel posts and star pickets, with minimum top and bottom wires.

Total fenced pen area of a minimum 100 M2.

Hinged swing gate, weighted to closed position.

Motion activated night vision outdoor camera, which sends real time photos via SMS on activation.

Battery gate release mechanism activated via remote SMS signal.

#### Methodology –

Traps are only operated at night to reduce stress in captured animals.

Environment Officer (EO) places feed within the fenced area for several weeks, until visiting animal numbers increase (monitoring via cameras).

Once viable, EO unbolts swing gate and engages auto-release mechanism.

EO receives SMS photo(s) of activity within the trap.

EO makes an assessment of numbers of animals, and deems safe and appropriate to remotely release the gate. [s.73 irre] would seek advice from EHP on maximum numbers of animals per trap at any one time. We suggest 4 or less)

EO and trained assistant quietly travel to trap in the cover of darkness to assess the trap and surrounding area, using filtered torches and or a night vision scope

EO uses appropriate firearm with night vision scope, (no lights).

If safe to proceed, shot is taken to the brain according to COP. Method repeated until all animals are killed.

EO and assistant move into fenced area and confirm all animals area deceased, and searched for any pouch young which are euthanised as per National Code of Practice.

Animals appropriately removed and buried.

It should be noted that [s.73] is currently seeking approval from police for sound suppression device for the weapon(s) used for the above procedure.

If approved, this would enable less noise and disturbance, and assist with creating less stress on any animals in the penned area.

## 2/ Firearm and Ammunition combination authorisation - Part C of Schedule 1

[s.73] would also like to apply for an exemption on the combinations of firearms and ammunition used for shooting Agile Wallabies under section 7.1 and 7.2 of the *National Code of Practice for the Humane Shooting of Kangaroos and Wallabies for Non-Commercial Purposes* "Shooting of animals in non-commercial circumstances where it might be unsafe to use firearms listed in Schedule 1 / Part A".

Due to the close proximity of residential houses and dense general public population of Hamilton Island, [s.73] consider it unsafe to use any high powered firearms around the populated areas.

In these areas shots will only be taken at close range acknowledging that shot opportunities will be diminished. Shots beyond 40m will not be taken.

Because of the above reason, [s.73] request the use of any or all of the combinations of firearms and ammunition as listed in Part C of Schedule 1.

[s.73] has spoken to the local police about this exemption, and they advise it is probably an EHP decision.

Kind regards,

[s.73 irrelevant information]

Deloitte has released an economic impact study that has placed a value for the first time on the Great Barrier Reef at \$56 billion. Discover this Natural Wonder of the World for yourself when you visit Hamilton Island.

-----  
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**Reason for meeting:** Lethal DMP Application from [s.73 irrelevant information]

**Date:** 5.12.2017

**Time:** 2:00 PM – 3:00 PM

**Location:** Teleconference – EHP location: 400 George Street, Brisbane City QLD 4000

**Attendees:** Samuel Dawes (EHP), Laura Affleck (EHP), [s.73 irrelevant information]

[s.73 irrelevant information]

#### **General overview of the situation:**

[s.73 irr] submitted an application for a lethal DMP on the 24 October 2017. This application is for the Hamilton Island lease area excluding the airport (which holds a separate DMP) and for 3 years. The applicant requested a meeting to discuss questions sent to them in regards to their submitted Property Management Plan. The agenda was the discuss the dozen questions asked to them before they submitted their written responses.

- The following are the meeting notes taken by Laura Affleck -

- **General overview of the meeting (note: this is not verbatim) The questions emailed to the applicant are in bold, a general overview of the discussion regarding the questions is below:**

[s.73 irrelevant information] started the meeting by providing some history to their applications and operations on Hamilton Island.

[sch4p4( 6) Pers] (Veterinary and Wildlife Services Australia Pty Ltd) comes to the island a couple of times a year for a week at a time. He provides professional advice and training to the Environmental Officer on the island, [s.73 irrelevant information]

[sch4p4( 6) Person] is a wildlife biologist who was involved in the early Property Management Plans (PMP) with QPWS ([s.73 irrelevant information]) believed this was with [s.73 irrelevant information]

Since then they have renewed the DMP and have only tweaked the PMP slightly.

They have also had communication with Jeanette Kirby from EHP and will attach the emails from her when they send through their written responses.

[s.73 irrelevant information]

s.73 irrelevant information

#### 8. Wildlife Management Continuous improvement-Review and Evaluation

On page 13 under the heading “*Wildlife management Continuous improvement- Review and Evaluation*” we note that you intend to compile a log book of records that review the effectiveness of management actions. The department notes that any log book(s), developed by the applicant cannot substitute for evidence provided in the form of a report prepared by a suitably qualified person(s).

s.73 irre asked whether this was just a statement rather than a question, Laura agreed that it was intended as a statement to confirm that log books do not substitute expert advice from an ecologist.

s.73 irrelevant information

## 10. Agile Wallaby Management Action Plan

Can you please provide details of the person/s who conducted the surveys on which the current population estimate for the island is based? Further details required are the dates and survey methodology used.

In addition please provide details as to how the proposed sustainable population number of 400 was reached, and what consideration [s.73 irrelevant information] is using to define a “sustainable population”. Further to this please provide details of the number of animals that [s.73 irrelevant information] is planning to cull on an annual basis to maintain a “sustainable population”.

Can you please discern the population between Dent Island and Hamilton Island?

In the table on page 16 you noted “causing traffic hazards, including aviation hazards”, as a potential problems. Can you please provide incident reports to evidence traffic hazards as a result of agile wallabies? We note also that aviation hazards are not applicable to this DMP.

[s.73 i] A “harvest calculator” (using figures of – sex ratio, estimated life expectancy, proportion of breeding females, natural mortality rate, yearly offtake, breeding cycle/rate, etc) is used to establish the island population. This constant level of offtake suggests a stable population.

[s.73 i] Condition of individual animals varies with animals visibly better conditioned during the wet season than late in the dry season (ref Veterinarian consultant). Reproductive output however is maintained throughout the year and in both good and dry years. This is consistent with known high survivability of adult macropods but vulnerability of recently emerged pouch young to nutritional stress.

[s.73 i] These offtake records constitute minimum and stable population estimates of 400/600 animals based on 10% natural attrition and >80 % annual recruitment of females in and beyond their second year, life expectancy 10 years.

[s.73 i] At this level, (400/600) animals, and the current level of offtake, notwithstanding a seasonal variation in body condition [s.73 i] consider the population sustainable. At higher levels of abundance individuals, and the vegetation communities suffer the effects of excessive competition for food.

[s.73 i] This calculator is able to calculate how many to keep it at the sustainable number.

Laura confirmed with [s.73 irr] that the sustainable range for the island is 400-600, [s.73 irr] confirmed this.

Laura confirmed with [s.73 irr] that the population estimate from 2016 was between 400-600, [s.73 irr] confirmed this.

When asked by Laura as to whether this calculator can determine the numbers of individuals required to be taken each year to maintain this sustainable number [s.73 irr] replied with “yes that is what it does”.

On a side-note [s.73 irr] mentioned that Paul from EHP in Townsville had said that legislation has changed in September so that they can trap more safely.

[s.73 irr] stated that there are no agile wallabies on Dent Island. [s.73 irrelevant information]

[s.73 irrelevant information]

s.73 Wallabies are often involved in traffic incidents/accidents. Even with the maximum speed limit around the island of mostly 20km/hr and some areas 30km/hr, the vehicles, particularly at night time, can come into unavoidable contact with wallabies sometimes causing injuries or death to the animals, and damage to the vehicles. This occurs approximately once or twice a month.

s.73 While this DMP does not apply to the airport, threat to aviation remains somewhat relevant because wallabies travel below the airport fence at low tide to graze on the airport apron. s.73 is limited by GBRMPA in the extent to which fences can intrude below low water.

s.73 They have recent security logs of incidents but sometimes if it is night time they don't make a report and leave the animal until morning when someone can go and collect the carcass to dispose of it.

When asked by Laura if they have many cars on Hamilton Island s.73 in stated that they have 1200-1400 buggies and 200-300 cars and vans.

s.73 irrelevant information

## **12. Damage Mitigation permits (DMP's)**

**The department notes that you will only attempt lethal mitigation measure if non-lethal methods have failed or are not appropriate. Can you please evidence how your non-lethal methods that you have implement have failed or are not appropriate, and furthermore how you are lessening your reliance on lethal mitigation measures.**

s.73 irre has achieved considerable success in minimizing the use of lethal control of wildlife. Considerable effort and resources have been committed to a raft of measures including;

- Staff education at induction
- Guest education with regard to not feeding wildlife
- Door security to exclude cockatoos from rooms.
- Signage to discourage feeding of birds
- Restaurant protocols to avoid leaving food on tables when diners leave so removing access of food to birds
- Bin design to discourage bird entry.
- Cages built around bin enclosures

s.73 make the point that despite all reasonable efforts and a culture of responsibly embracing wildlife some level of control remains necessary for the hygienic, safety, and environmentally sustainable operation of the island. In the case of animals not native to the island the options other than some level of lethal control may involve large scale periodic starvation events which HI would try to avoid.

s.73 Noted that they have seen a decrease in the number of animals listed in their Return of Operations

The meeting concluded by determining the follow-up actions. s.73 irrelevant information

s.73 irrelevant information will send through responses and prior communication with the Department. s.73 ir

sch4p4( 6) Personal information advised us that he will be sch4p4( 6) Personal information Laura and Sam agreed to make sure that we made contact with him before with any final questions we may have.

s.73 irrelevant information

## Hamilton Island and Dent Island Lease Areas

### Property (Wildlife) Management Plan (PMP) September 2017



**DOCUMENT CONTROL**

Updates, revisions and alterations to this Property (Wildlife) Management Plan (PMP) are recorded below in the Revision Record. Authority to make updates and alterations to this record is restricted to the General Manager Engineering & Services who is authorised by s.73 irrelevant information to effect such changes.

[illegible]

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## SECTION A - WILDLIFE MANAGEMENT STRATEGY

### 1.0 INTRODUCTION

#### 1.1 Purpose

This document relates to the management of native wildlife protected under the *Nature Conservation Act 1992*. It is intended to fulfil the requirements of an 'approved property management plan' as provided for in the *Nature Conservation (Administration) Regulation 2006*.

#### 1.2 Background

Hamilton and Dent Islands are two of 150 islands, islets and rocks in a group known as the Cumberland Group. They are located within the Whitsunday region of the Great Barrier Reef Marine Park of Queensland, Australia. Hamilton and Dent Islands are approximately 21 km from the mainland coast. Hamilton Island covers an area of approximately 721 hectares, and Dent Island is approximately 275 hectares. The lease areas of both islands are managed by s.73 irrelevant information (see Appendix 3).

Modifications to natural ecosystems such as urban development can result in changes to habitat that is favourable to some species of wildlife while causing other species to decline. This has occurred in many parts of Australia and may have occurred on Hamilton and Dent Islands. The development on both Hamilton and Dent Islands provides shelter and food resources for some wildlife. Resort infrastructure can form an artificial habitat for some species of wildlife providing shelter and opportunities for roosting, breeding, and other natural and unnatural behaviour. Activities such as eating in outdoor areas can provide food sources to wildlife and bring people and animals close together. This can result in hygiene concerns, wildlife developing delinquent unnatural and unhealthy behaviours, and also damage to property. s.73 recognised the affect some species are having on the health and safety and quiet enjoyment of their guests and visitors, and the damage being carried out on resort infrastructure. Following an intensive investigation by an environmental scientist engaged by s.73 in 2006 many non-lethal deterrent measures were put in place aimed at minimising access for some problem species to unnatural food sources. Also an extensive education programme was introduced with staff, residents, guests and visitors regarding interaction and feeding of native animals.

#### 1.3 Species of Concern

There are a number of species of wildlife identified as currently causing concern at Hamilton and Dent Islands, including:

s.73 irrelevant information

- Agile wallaby (*Macropus agilis*)

s.73 irrelevant information

s.73 irrelevant information

#### **Agile Wallabies**

An unplanned introduction of agile wallabies to Hamilton Island occurred in the late 1970's after several animals escaped from a fauna collection intended for the enjoyment of guests. A large population was quickly established which led to massive over grazing and defoliation. This had massive associated problems as recognised by ecologists, such as soil erosion and increased sediment loads affecting the viability of inshore reefs, thus destroying much of the natural amenity and attraction of the island. Agile wallabies are an extreme hazard to aircraft utilising the runway facilities at Hamilton Island. Wallabies are also a traffic hazard, and are potentially dangerous to humans when close interaction occurs. In addition, agile wallabies have been known to feed on garden plants both in the resort and residential areas of Hamilton Island. There are significant costs associated with replacing plants and landscaping.

s.73 irrelevant information

s.73 irrelevant information

#### 1.4 Previous Wildlife Management

Previously Queensland Parks and Wildlife Service (QPWS) have issued damage mitigation permits for the lethal take of some species to reduce problems that have occurred. This approach has seen a measurable decline in numbers with some species such as the agile wallaby. However, it has only been a short-term solution to the problem with some other species s.73 irrelevant information with the population returning to problem levels. A more integrated and adaptive approach to managing wildlife populations and human-wildlife interactions are needed to provide a sustainable long-term solution. Doing so will present a positive image to visitors of the professional and environmentally aware approach of Hamilton Island Enterprises.

#### 1.5 Need for a Management Strategy

This strategy will utilise a number of management actions to ensure that protected wildlife is managed appropriately according to relevant legislative requirements on Hamilton and Dent Islands in the future. Subsequent actions resulting from the implementation of this strategy will be aimed at reducing the negative impacts of animal-human interaction; reduction in numbers of introduced wildlife populations on the island; modifying the behaviour of problematic species through non-lethal means; and encouraging dispersal of problematic species. One of these actions includes the permanent removal of individual problem animals given the clearly defined health, ecological, and economic concerns, as outlined above. The behaviour of the problem individuals has become well entrenched and is unlikely to be modified by other means. However, any plans to remove problem individuals in the future will only be considered in conjunction with the objectives and management actions outlined in this strategy.

#### 1.6 Statement of Scope

This strategy aims to manage wildlife that is native to Australia and applies only to wildlife protected under the Queensland Nature Conservation Act 1992 and its regulations. The purpose of this strategy is to achieve positive outcomes within defined legislative frameworks when managing protected wildlife species throughout the Hamilton Island and Dent Island lease areas. Hamilton Island and Dent Island is home to a number of non-indigenous species not protected by law and managed under other processes. These include goats (*Capra hircus*), chital or axis deer (*Axis axis*), house mice (*Mus musculus*), black rats (*Rattus rattus*) and cane toads (*Bufo marinus*).

### 1.7 Dictionary

Concessionaires: An independently owned and operated business, which is licensed to operate on Hamilton Island. The employees of such business are termed concessionaire staff.

Contractors: All temporary and permanent workers on Hamilton and Dent Islands who are bound by contract between s.73 and their employer.

Hamilton Island: In the context of this strategy Hamilton Island refers to the Hamilton Island lease area, including Dent Island and land that is sub-leased (see Appendix 3). It excludes the Great Barrier Reef Airport (covered by a separate Wildlife Management Strategy) and areas below highest astronomical tide (i.e. State Marine Park).

s.73 irrelevant information and its successors and ensigns.

Residents: All persons permanently, occasionally or seasonally residing on Hamilton Island and who are sub lessees of the island.

Staff: All employees of s.73 including residents and commuters.

## 2.0 OBJECTIVES OF THIS PROPERTY (WILDLIFE) MANAGEMENT PLAN

This strategy places emphasis on the need to identify and highlight the positive wildlife management and interactive experiences on Hamilton and Dent Islands and the surrounding Marine Park to maintain and promote the environmental integrity of the area. The strategy will address the issues and concerns resulting from the negative interactions between humans and wildlife on Hamilton and Dent Islands. In addition, the strategies will promote the value of protected wildlife (both problematic and non-problematic) on Hamilton and Dent Islands and throughout the Whitsunday region in general.

### 2.1 Non-problematic Wildlife

Promote World Heritage values, significance of the location of the resort and protected wildlife species; and Promote value of protected wildlife to guests and staff through brochures, signage, educational talks, wildlife tours and other means.

### 2.2 Problematic Wildlife

Promote value of protected wildlife to guests and staff through brochures, signage, educational talks, wildlife tours, and other means;  
Encourage and train staff to educate guests;  
Address problem wildlife through a comprehensive management strategy that allows for the short-term and long-term management of problem animals;  
Implement management actions that will result in long-term management of problem wildlife using non-lethal control methods; and  
Implement management actions that will ensure that problem behaviour of wildlife does not develop.

## 3.0 WILDLIFE MANAGEMENT ACTIONS

The management actions outlined below will provide practical guidelines that take into consideration the needs of s.73 irrelevant information and requirements of the Department of Environment and Heritage Protection (EHP).

### 3.1 Wildlife Management Action Plans

s.73 irrelevant information have developed a Wildlife Management Action Plan for each problem species that describes the actions to be taken by Management to ensure the objectives listed above are met. The plans will list how each of the management actions will be undertaken; identify the problems with the wildlife and the preventative measures the resort will undertake; list the outcomes expected; and include a timeframe in which the problems will be addressed. (see Section B)

Section B also provides a table that lists species that have the potential to cause negative human-wildlife interactions at island resorts. The table outlines measures for managing these problems. This document will be useful as a reference document for management to consider the likelihood of a particular species becoming problematic and measures that can be put into place to prevent problems from occurring.

### 3.2 Wildlife on Hamilton and Dent Islands (Non-Problematic)

s.73 irrelevant information will promote the World Heritage values of the Marine Park, significance of the location of the resort, and value of wildlife species on the island through a variety of ways, which may include:

- Guest talks / walking tours
- Signage around the resort
- Brochures and other interpretative material

### 3.3 Non-Lethal Deterrents

s.73 irrelevant information will use its best endeavours to take preventative measures so that wildlife is not encouraged to form behavioural patterns that cause health and nuisance issues on the island. These measures may include:

- Install physical barriers to prevent wildlife accessing food sources;
- Educate staff and guests about the negative impact of feeding animals and birds;
- Install physical barriers to prevent entry to rooms and food preparation and eating areas;
- Install and apply other non-lethal deterrents to reduce problematic behaviour;
- Replace infrastructure found to be damaged by birds with design types not attractive to birds;
- Explore option of netting at indoor and outdoor eating areas; and
- Develop further strategies to minimise interactions as required.

### 3.4 Housekeeping Actions

s.73 irrelevant information has improved hygiene practices at the resort particularly around kitchens and staff housing areas so that wildlife cannot access food;

s.73 irrelevant information ensures that food scraps are not available to wildlife, particularly in outdoor eating areas, including those operated by concessionaires. Prompt clearing away of food and beverages left by patrons is important to maintain hygiene and remove attractants to wildlife.

s.73 irrelevant information has explored options in an attempt to stop wildlife entering rooms in both guest and staff areas;

s.73 irrelevant information monitors its waste management sites and develop ways to decrease the amount of waste available to wildlife, for example through increased cleaning of the operations area and covering waste containers;

s.73 irrelevant information reviews the garbage receptacles currently in use to determine if a more suitable receptacle can be used or place garbage bins in an enclosed area with a vermin proof access and covered top, particularly if wildlife are causing problems by being able to access food in bins;

s.73 irrelevant information has their staff provide positive wildlife interaction messages in the normal course of their work. For example, waiting staff to explain and instruct visitors in a positive way of the importance of not feeding the wildlife;

s.73 irrelevant information ensures staff are aware of their responsibilities regarding wildlife management, including ensuring they do not feed or encourage wildlife to become habituated to supplied food and using buildings for shelter;

s.73 irrelevant information will develop and implement other strategies and procedures to ensure effective housekeeping as required;

s.73 irrelevant information will use its best endeavours to ensure concessionaires and sub-lessees (residents) comply with all directions under the Property (Wildlife) Management Plan (PMP); and

s.73 irrelevant information ensures contractors are aware of the PMP through the island briefing at the commencement of contract.

s.73 irrelevant information has introduced biosecurity measures to reduce the risk of any further introductions of non-endemic native species.

### 3.5 Education and Interpretation Programs

s.73 irrelevant information will continue to refine existing education programs for guests and staff regarding the problems caused by feeding and encouraging wildlife; and

s.73 irrelevant information will continue to implement a signage campaign (and upgrade where necessary) aimed at staff and guest eating areas, stressing that wildlife must not be fed or encouraged.

### 3.6 Public Perception Program

s.73 irrelevant information will use its best endeavours to implement actions that will ensure the public perception of the Property (Wildlife) Management Plan and any control measures to be undertaken will be adequately addressed. This may include:

Letter to guests and staff informing them of the PMP and explaining reasons for control measures;  
Signage will be backed up by positive messages from staff to visitors on the issues of feeding wildlife. This is constant and ongoing. EHP can assist in giving information to s.73 irrelevant information that staff can use;

Discussion with relevant resort media or public relations officer regarding handling complaints and enquiries made by staff or guests in relation to the PMP; and

Develop other procedures as appropriate.

### 3.7 Damage Mitigation Permits (DMPs)

A DMP (see Appendix 2) is used as a last resort to complement non-lethal deterrents and not as the only means of control. A DMP is only used as a population control measure when non-lethal methods either have failed or are not appropriate. If an un-natural ecosystem or environment can support a number of individuals, then removing individuals will simply leave space for others to take their place. The additional food resource available to the animals from the resort encourages the growth of populations of local wildlife. Also, a variety of other environmental variables determine population levels.

s.73 irrelevant information will work with the aim of limiting their reliance on DMPs and explore other means of addressing their wildlife problems.

s.73 irrelevant information

Published on DES Disclosure Log  
RTI Act 2009

s.73 irrelevant information

s.73 irrelevant information

### 3.11 Control Measures (Lethal)

In the past, there have been attempts to relocate problem wildlife, but this option will not be used due to welfare concerns, as relocated animals do not usually survive. All animals taken under a DMP will be humanely euthanased.

Additionally, there are seasonal constraints on wildlife management during the breeding season because birds may have eggs or young nearby which will be unable to survive should a parent/s be removed. No attempt to control bird numbers will be made during this period. Pouched young of mammals will be euthanased humanely in accordance with the national Code of Practise for the non-commercial harvest of macropods.

The lethal take of problem wildlife will be the responsibility of [s.73] EHP may, at its discretion, oversee the process. The team undertaking the lethal control will undertake all control operations and record all the data and table reports as required. In order to address health & hygiene concerns and prevent access by other wildlife, all carcasses shall be buried in a suitable location at a minimum depth of two metres or incinerated. The capture and management of the wildlife shall be as per conditions outlined on DMPs issued by EHP. [s.73] will seek the cooperation of the relevant airport staff to provide data concerning the take of protected wildlife at the airport in order to assist in decision-making processes related to the issuing of DMPs.

### 3.12 Reporting

Quarterly reports on the wildlife management will be submitted to EHP as required by the conditions of the DMP. Euthanasia of terminally sick or injured animals will not form part of these reports.

#### 4.0 WILDLIFE MANAGEMENT CONTINUOUS IMPROVEMENT - REVIEW AND EVALUATION

s.73 irrelevant information shall maintain records and review the effectiveness of management actions to ensure that the PMP is meeting expectations and objectives. Records and actions will include:

Keeping a regular logbook at locations where problems with animals are observed. Details shall include the species and number of animals causing concern, the problems experienced and other comments, such as evaluation against preventative measures. This information will be kept and submitted to EHP at intervals specified on the DMPs issued under this plan;

DMPs issued will be reviewed annually (dated from effective start date) by s.73 irrelevant information and amended where necessary.

##### 4.1 Review of the Property (Wildlife) Management Plan

After the three-year period, issues and management actions outlined in this document may need revising and updating and a new plan developed. Any modifications to the management actions within this plan must be humane for the wildlife and consider the needs of s.73 irrelevant information relevant legislation and EHP policies and guidelines.

Review date: November 2020

#### 5.0 CONCLUSION

s.73 irrelevant information is committed to a long-term goal of coexistence with native wildlife and preservation of naturally occurring populations. This will be achieved through the implementation of responsible management actions as outlined in this strategy in consultation with the EHP.

The main aim of this strategy is to ensure problems will be minimised and future management actions will be less reliant on the lethal take of protected animals.

#### Acceptance of this Plan

  
sch4p4( 6) Personal information

Signature: s.73 irrelevant in

For: s.73 irrelevant information

Date:

## SECTION B EXISTING PROBLEMS AND ASSOCIATED ACTIONS

### 1.0 WILDLIFE MANAGEMENT ACTION PLANS

The following action plans set out the management actions that s.73 irrelevant information will undertake to ensure that problematic wildlife at Hamilton and Dent Islands is managed appropriately with the aim of significantly reducing negative human/wildlife interaction and the need for management actions involving the lethal take of protected wildlife.



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## 1.2 Agile Wallaby Management Action Plan

Background; Agile wallabies are not native to HI and have no predators. The primary limitation to wallaby abundance on the island is food supply, which in a tropical environment varies within and between years. Historically during sequential years of above average rainfall the population has increased to unsustainable levels and animals have perished due to nutritional stress. This is an unacceptable welfare outcome for the animals, produces long term damage to plant communities and is distressing to guests and staff.

Aim: s.73 aims to reduce both the unsustainable rise in wallaby numbers and the subsequent population crashes. This approach seeks to maintain a sustainable population of approximately 400 animals by removing individuals in excess of this number. The intention is that s.73 will manage wallaby abundance so avoiding the need for reactive measures when seasonal conditions lead to starvation.

Locations: Hamilton Island lease area

Number of animals requested over 3 year DMP: unlimited

Estimated population numbers at 12/5/2016 – 600

Estimated sustainable population numbers – 400

A sustainable population of 400 animals has been nominated based the average condition of wallabies taken during the dry season. Prior to the wet season animals suffer a nutritional shortfall, which is made worse when more animals compete for the same resource.

| Problem                                              | Preventative Measures to be Undertaken                                                             | Costs Incurred | Timeframe |
|------------------------------------------------------|----------------------------------------------------------------------------------------------------|----------------|-----------|
| Not endemic to Hamilton Island.                      | Reduce and maintain population to a sustainable level at which environmental damage is negligible. |                | On-going  |
| Island-wide defoliation.                             | Reduce and maintain population to a sustainable level at which environmental damage is negligible. |                | On-going  |
| Causing traffic hazards, including aviation hazards. | Reduce and maintain population to a sustainable level at which traffic hazards are negligible      |                | On-going  |

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## APPENDIX 1

### The Great Barrier Reef – A World Heritage Area

The Great Barrier Reef is the largest, most complex and biologically diverse coral reef system on earth and is one of Australia's most popular natural tourist attractions. The Great Barrier Reef Marine Park and adjacent inshore areas and islands were inscribed on the World Heritage List in 1981 for their outstanding natural significance and ecological integrity. It is the largest World Heritage Area ever established. There is spectacular scenery of the numerous islands, the fringing reefs and the offshore reefs and the Reef is home to over 1500 species of fish, 400 species of coral and many rare and endangered species. The significant and unique values of the Marine Park environment require protection while enabling sustainable use of the natural resources to ensure the health and survival of this complex marine environment. Queensland Parks and Wildlife Service encourages widespread use of best environmental practices and cooperative working arrangements between the management agencies and Great Barrier Reef Marine Park stakeholder groups. The Marine Park is an important area for educating and informing visitors from around the world about this unique natural environment and World Heritage values.

### Wildlife of the Great Barrier Reef

The marine life of the Great Barrier Reef is one of the most diverse in the world. It supports a huge range of animals and plant life including threatened and rare species. The Reef is an important breeding and feeding ground for whales, dugongs and dolphins that live within or visit Great Barrier Reef waters. It is also a critical breeding and foraging ground for six of the world's seven species of marine turtles. Many of the islands within the Marine Park are internationally significant for seabird breeding.

### Hamilton and Dent Islands

Hamilton and Dent Islands are located within the Cumberland group of islands in a region known as the Whitsunday's. Hamilton Island (721 hectares) includes built development covering most of the north-western section, including resort accommodation, retail outlets and restaurants. The resort can cater for up to 4000 guests (seasonally variable) with 1200 staff, 100 residents and approximately 200 contractors. The south-western peninsula also supports a domestic airport, quarry and sewerage works. Developers purchased the island in 1978 and the resort infrastructure and residences were progressively built from that time till the present day. Dent Island (275 hectares) includes resort accommodation and a golf course, but is not as developed as Hamilton Island.

### Wildlife on Hamilton and Dent Islands

The surrounding waters of Hamilton and Dent Islands are of special importance for dugongs, humpback whales and turtles. The islands support a large diversity of mammals - including flying foxes, fawn-footed melomys and water rats. Birds inhabiting the islands include sea eagles, brahmany kites, osprey and migratory seabirds. The islands also support diverse populations of reptiles and invertebrates.

s.73 irrelevant information provides a unique wildlife experience for guests and staff. The location of the islands within the Great Barrier Reef Marine Park means there are opportunities for visitors to be educated about the special values of the Marine Park and World Heritage environment and enable them to interact with native wildlife species. Most of the interactions between humans and wildlife on the island are positive and there should be an ongoing commitment by s.73 irrelevant information to education and appreciation of this natural resource. However, not all human-wildlife interaction is of a positive nature and it is the intent of this strategy to provide a structured framework through which related management issues can be addressed.

## APPENDIX 2

### Damage Mitigation Permits

The Nature Conservation Act 1992 contains legislative provisions for the take, use or keep of native wildlife within Queensland. The legislation is based upon the principle of sustainable use of wildlife and Section 112 of the Nature Conservation Regulation 1994 allows for the lawful taking (killing) of wildlife where the wildlife is causing significant economic loss to the landholder.

The Chief Executive will grant a damage mitigation permit for damage or loss caused, or likely to be caused, by a protected animal only if the chief executive is satisfied:

- (a) the animal is causing, or may cause damage, and
- (b) the landowner of the land on which the animal is causing, or may cause, damage has made a reasonable attempt to minimise the damage and the action taken has not prevented or minimised the damage, and
- (c) if the damage is not prevented or controlled –
  - individuals may suffer significant economic loss; or
  - the ecological sustainability of nature is likely to be harmed; and
- (d) action under the permit will not adversely affect the survival of the animal in the wild; and
- (e) the proposed way of taking the animal is humane and not likely to cause unnecessary suffering to the animal.

APPENDIX 3

Hamilton Island (right) and Dent Island (left)

