



Australian Government

Department of the Environment and Water Resources

Supplementary Form C —

- Threatened species & Ecological Communities
- Migratory species
- Listed marine species

(use Form A for Cetaceans)

Use this supplementary form if you are applying for a permit to kill, injure, take, trade, keep or move a listed species or ecological community, a listed migratory species, or a listed marine species in a Commonwealth Area. You will also need to complete "The General Permit Application Form".

If you are proposing to take or send specimens out of Australia it is likely that you will also need an export permit. Import permits may also be necessary for taking specimens into an overseas country. For more information on imports and exports contact the Wildlife Trade Assessments Section on 02 6274 2880.

Please note that it is a requirement under subsection 200(3) of the Environment Protection and Biodiversity Conservation Act 1999 that details of this application (which may include the applicant's name) be provided to persons or bodies registered with the Department of the Environment and Water Resources under section 266A of the Act, and to whom notice of applications is to be given, for the purpose of inviting submissions from those persons or bodies regarding permit applications.

1 Under which section(s) of the EPBC Act are you applying for this permit?

It will help you complete your application if you know which list in the EPBC Act the affected species/ecological community appears on.

Search the lists at: www.environment.gov.au/cgi-bin/sprat/public/sprat.pl

Please note some species appear on more than one list. For example the Green Turtle *Chelonia mydas* is a listed threatened species, a listed migratory species, and a listed marine species.

Select all that apply

Section 201 — Listed threatened species and ecological communities

Section 216 — Listed migratory species

Section 258 — Listed marine species

2 On the next page list details of species or ecological communities that will be affected by the action. Use the following codes to enter details in columns 3, 4 and 5.

Column 3 Conservation status of threatened species or ecological communities under EPBC Act

- EW Extinct in the wild
- EX Extinct
- CE Critically endangered
- EN Endangered
- VU Vulnerable
- CD Conservation dependent

Column 5 Type of effect

- DE Death
- IN Injury
- TR Trading
- TA Taking
- KE Keeping
- MO Moving

Details of species or ecological communities that will be affected by the action.

Common name of listed species/ecological communities, listed migratory species, or listed marine species	Scientific name of species Common and scientific names are available at the Department's website: www.environment.gov.au/cgi-bin/sprat/public/sprat.pl	Conservation status under EPBC Act	Estimated number that will be affected. For ecological communities, provide estimate of the affected area	Type of effect
Natural Temperate Grassland of the Southern Tablelands of NSW and ACT (NTG)	Natural Temperate Grassland of the Southern Tablelands of NSW and ACT	EN	10.8ha of grasses of varying quality and species	TA ^a
Grassland Earless Dragon (GED)	<i>Tympanocryptis pinguicolla</i>	EN	Minimal numbers are expected in the 3.8ha area (within the total 10.8ha of affected grasses) in which GED has previously been recorded.	MO ^b
Golden Sun Moth (GSM)	<i>Syremon plana</i>	CE	10.8ha of grasses of varying quality and species which may contain Golden Sun Moth	TA ^c

Where the project is of less than 1 km² in size, provide the location as a single pair of latitude and longitude references. Latitude and longitude references should be used instead of AMG and/or digital coordinates.

Locality:

Latitude: S35 degrees: 18 minutes 0 seconds
 Longitude E149 degrees: 11 minutes 40(approx) seconds

Where the project area is greater than 1 km², or any dimension is greater than 1 km, provide additional coordinates to enable accurate identification of the location of the project area.

Permit to Take Natural Temperate Grassland – Taxiway B Extension map attached.

^a The grasses will be taken and it will not be translocated. It will therefore be destroyed.

^b It is proposed that any GED will be located or moved. We acknowledge that if any GED are in the affected grasses and not found it is possible that they may be killed.

^c Any GSM identified in the grasses will be taken. It is anticipated that any GSM/larvae may be killed in the process.

Provide an attachment describing the action addressing the following points.

- A. The objectives and purposes of the action;
- B. The equipment and methods used;

- 4 What are the likely short and long term impacts of the proposed action on the species or the ecological community?

Natural Temperate Grassland

The Taxiway Bravo extension and associated works will require the removal of grassland of varying botanical quality. The area unaffected by the works (between the runway and taxiway) will still provide a link to the surrounding grassland. The impact of works on the ecological community of natural temperate grassland is expected to be minimal.

Grassland Earless Dragon

If Grassland Earless Dragons (GED) are found the individual members of the GED species will be retrieved from the spider holes, photographed, measured, observed and then released by placing them in artificial refuge holes in an area of potential habitat.

The impact on the GED species is expected to be negligible because of the very low probability of GED being on the site, combined with the translocation of any specimen if found. The 2007 monitoring, which included searching in spider holes, found no GED on the Airport.

If GED are found and moved to suitable artificial refuge holes the information gained will be incorporated in research currently undertaken by University of Canberra to aid in conservation of the GED population.

Golden Sun Moth

Monitoring at and around Canberra International Airport in 2003 and 2006 showed the Golden Sun Moth located largely in areas of significant grasslands and predominantly in the north and east of the Airport.

The Airport Environment Strategy acknowledges Golden Sun Moth habitat on the Airport consistent with these findings.

The proposed Taxiway Bravo and high-speed taxiway exit area will be located in an area which has low occurrences of Golden Sun Moth.

The impact of works on the Golden Sun Moth population is expected to be minimal.

- 5 Describe the steps that will be taken to minimise impacts on the listed species/ecological community, including contingency plans in the case of events that may adversely affect members of the species/ecological community.

Natural Temperate Grassland

The significant grassland areas adjoining the works will be clearly marked to avoid vehicle damage and spillage of spoil.

Access to the construction zone, will be on existing gravelled surfaces and then from the run up bay adjoining Taxiway Alpha.

The impact of works on the adjoining grassland is expected to be minimal.

Grassland Earless Dragon

The Grassland Earless Dragon (GED) retreats in invertebrate holes when startled and the holes will be checked with a fiberscope before the commencement of construction.

Any GED that is found will be handled in accordance with the procedures in the endorsed Grassland Management Plan. These procedures were detailed further in a protocol outlined to the Department of Environment and Water Resources on 13 September 2005 and used in previous permit to takes.

Golden Sun Moth

The activity will be undertaken when the Golden Sun Moth is in its larval stage. If Golden Sun Moth larvae are present in the works area they will be forwarded to the University of Canberra for Golden Sun Moth Research.

Monitoring of Golden Sun Moth in the future in accordance with the Airport's 2004 Grassland Management Plan will reveal whether the moth can re-establish in a new environment.

- 6 Attach a description of any research relevant to the affected species or communities that will be carried out in the course of or in conjunction with the proposed action, including:
- A. a copy of the research proposal;
 - B. the names of the researchers and institutions involved in or supporting the research; and
 - C. relationship of the researchers to the permit applicant, including any funding being provided by the permit applicant.

Will the action involve invasive techniques?

No **Go to next question**

Yes If permit relates to mammals, birds, reptiles or amphibians, attach evidence that the proposed methods have been approved by an independent Animal Ethics Committee (this may include a State or Territory ethics committee, even if the action is conducted in a Commonwealth area).

A permit can only be issued under one of the following criteria: the action

- will contribute significantly to the conservation of a listed species/ecological community (go to Question 8); or
- will be incidental to, and not the purpose of the action (go to Question 12); or
- is of particular significance to indigenous tradition (go to Question 15); or
- is necessary to control pathogen(s) (go to Question 18).

8 Are you applying on the basis that the action will contribute significantly to the conservation of a listed species/ecological community?

No **Go to 12**

Yes **Go to next question**

9 Why do you believe that the action will contribute significantly to the conservation of listed species/ecological communities, listed migratory species or listed marine species?

10 Will the proposed action implement the recommendations of any recovery plan or wildlife conservation plan in force for the species or ecological community that may be affected by the action?

Commonwealth recovery plans that are in force are available at

www.environment.gov.au/biodiversity/threatened/recovery/list-common.html

Commonwealth wildlife conservation plans that are in force are available at

www.environment.gov.au/biodiversity/migratory/waterbirds/shorebird-plan/plan.html

State and territory recovery plans are available from state and territory environmental agencies.

No **Go to next question**

Yes Describe how this will be implemented.

11 Will the proposed action respond directly or indirectly to recommendations of any national or international organisation responsible for management of the affected species?

No **Go to next question**

Yes Describe how the proposed action will respond.

12 Are you applying on the basis that the impact of the action will be incidental to, and not the purpose of, the action?

No **Go to 15**

Yes **Go to next question**

13 Why do you believe that the impact of the action will be incidental to and not the purpose of the action?

The purpose of the action is to extend Taxiway Bravo to the north and taxiway linkages to the west of the main runway. These works form part of a Major Development Plan which was approved by the Minister of Transport and Regional Services on 26 August 2004.

14 Why do you believe that the taking of the action will not adversely affect the:

- survival or recovery in nature of the species or ecological community?
- conservation status of a listed species or ecological community?

The action will not adversely affect the survival of the Natural Temperate Grassland, Grassland Earless Dragon or Golden Sun Moth habitat. The areas unaffected by the works between the taxiway and runway will link the remaining grassland and habitat.

Canberra International Airport has committed to fund over \$141,501 plus \$33,000 in kind over 3 years in partnership with University of Canberra and the Australian Research Council, a post graduate research position for the Grassland Earless Dragon at the University of Canberra.

Are you applying on the basis that the action is of particular significance to indigenous tradition?

No **Go to 18**

Yes **Go to next question**

- 16 Explain why do you believe that the proposed action will be of particular significance to indigenous tradition?

- 17 Why do you believe that the proposed action will not adversely affect the:

- i. survival or recovery in nature of the listed species or ecological community; or
- ii. conservation status of the listed species or ecological community.

- 18 Are you applying on the basis that the action is necessary to control a pathogen(s), and is conducted in a way that will, as far as is practicable, keep to a minimum any impact on listed species/ecological communities, listed migratory species or listed marine species?

No **Continue to Payment Section**

Yes **Go to next question**

- 19 Why do you believe that the action is necessary for the control of pathogen(s)?

- 20 Explain how the action will be conducted in a way to minimise impacts on the species/communities affected.

If you have answered NO to Questions 8, 12, 15 and 18, it is unlikely that a permit can be issued under the EPBC Act.

21 Fees

The following fees apply:

- permits relating to listed threatened species or ecological communities - \$100
- permits relating to listed migratory species - nil
- permits relating to listed marine species - nil

Please note that exemption from fee payment may apply under circumstances as set out in EPBC Regulation 18.04.