

2 June 2021

Dan Rush
Development Manager
Alliance Business Park
Level 5, 441 St Kilda Road
Melbourne VIC 3004

Dear Dan,

**Compliance with the EPBC Act approval requirements for Alliance Business Park,
O'Herns Road Epping**

Our ref: Matter 34308

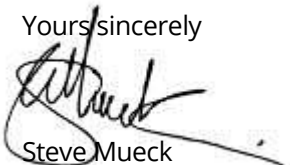
Biosis Pty Ltd was commissioned by Alliance Business Park to undertake targeted monitoring surveys for the *Environment Protection and Biodiversity Conservation Act 1999* (EPBC Act) listed Golden Sun Moth *Synemon plana*. This was completed as part of the Edgars Creek Conservation Management Plan (Edgars Creek CMP) (Biosis 2012, Biosis 2013) for the reach of Edgars Creek within 275 O'Herns Road, Epping.

Areas identified as Golden Sun Moth habitat during the Edgars Creek CMP were surveyed for presence/absence. The entire corridor of Edgars Creek within Alliance Business Park was surveyed. Monitoring was undertaken on 27th November 2020, when conditions were suitable for male flight (>20°C, bright, clear day, full sun, absence of rain and wind other than a light breeze) between 10:00 hrs and 15:00 hrs (see Appendix 1 for weather data for days on which the survey was undertaken). The site was surveyed systematically by a qualified and experienced observer walking transects spaced approximately 50 metres apart on each side of the Creek. The results can be found in Figure 1.

A total of 4 Golden Sun Moth were identified at four locations along the western bank of the Edgars Creek reserve. Edgars Creek was observed to support grassland comprising of native and introduced grass species, some of which are known or suspected Golden Sun Moth larval food plants. The condition of the reserve is reported upon in Biosis (2021). These results give us confidence that the site continues to provide Golden Sun Moth habitat and supports a local population.

Please contact me if you have any enquiries.

Yours sincerely



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Appendix 1 Golden Sun Moth survey data

Table A1.1 Golden Sun Moth survey details

Date	Time Start	Time Finish	Observer initials	Golden Sun Moth observed on site?	Number of moths recorded	Temp (on site °C)	Cloud cover (%)	Wind direction	Average wind speed (km/hr)	Ground conditions	Humidity (%)	Reference site
27/11/2020	12:08pm	2:04pm	MV	Yes	4	28.4	40%	NNW	16.7	Dry	34%	Broadmeadows Valley Parklands

References

Biosis (2013). Alliance Business Park, 275 O'Herns Road, Epping: Edgars Creek Management Plan. Report for MAB. Author: Daniel Gilmore and Steve Mueck, Biosis Pty Ltd, Melbourne

Biosis (2012). 275 O'Herns Road, Epping. Growling Grass Frog Conservation Management Plan. Report for MAB. Author: Daniel Gilmore and Steve Mueck, Biosis Pty Ltd, Melbourne

Biosis (2021). Alliance Business Park, 275 O'Herns Road, Epping: Edgars Creek Compliance Report. Report for MAB. Author: Dan Gilmore and Steve Mueck, Biosis Pty Ltd, Melbourne.

Biosis Pty Ltd
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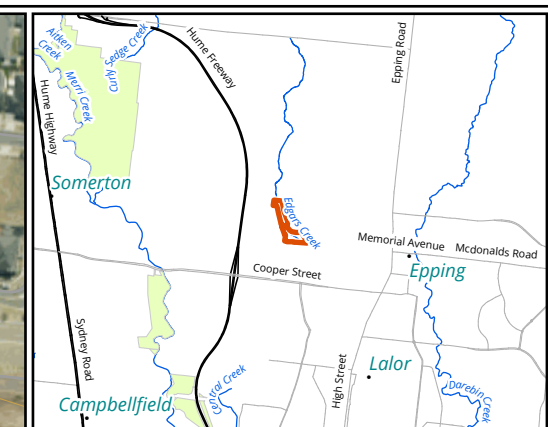
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Legend

-  Study area
-  Track 1 (27/11/2020)
-  Golden Sun Moth record

**Figure 1 GSM survey
Alliance Business Park,
Edgars Creek, Epping
November 2020**

0 50 100 150
Metres
Scale: 1:3,500 @ A3
Coordinate System: GDA 1994 MGA Zone 55



Matter: 34308,
Date: 16 June 2021 ,
Prepared for: MV, Prepared by: JSP, Last edited by: jprasad
Layout: 34308_F1_GSM_survey
Project: P:\34300s\34308\Mapping\
34308 Alliance GSM survey.aprx