



DEPARTMENT OF PLANNING, INDUSTRY & ENVIRONMENT

BOS Support for Assessors & Local Government

BOAMS for Local Government and other Consent Authorities



Phil Wood

Principal Project Officer
Ecosystem Assessment & Ecosystem Programs Teams
Department of Planning, Industry & Environment

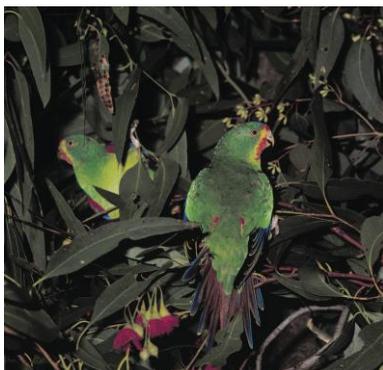
Tuesday 28th July 2020, 12:00 PM - 1:00 PM

John Spencer/DPIE



Overview

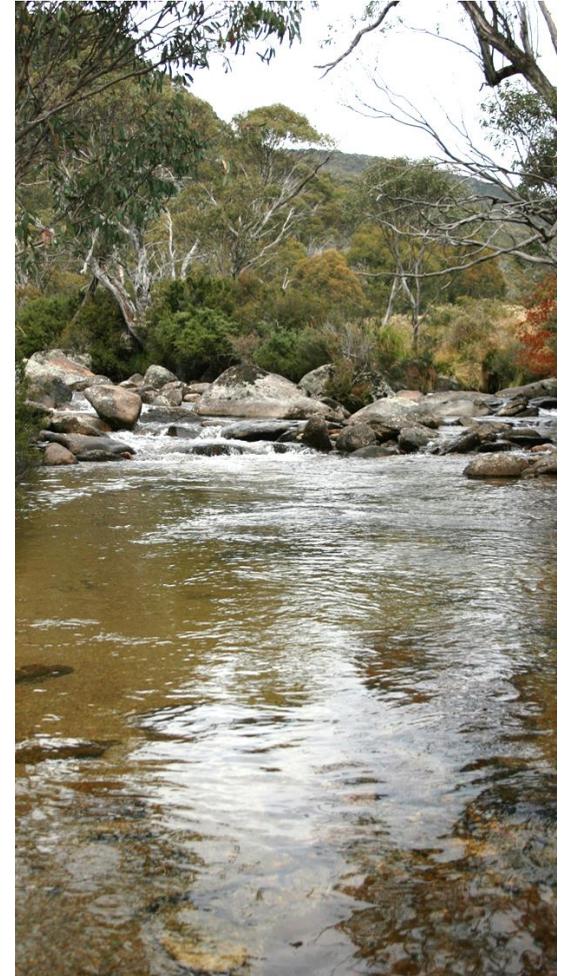
- BOAMS
- BOAMS – Council User access
- BAM-C
- Credit reports
- BOS Public registers
- Local government resources and support





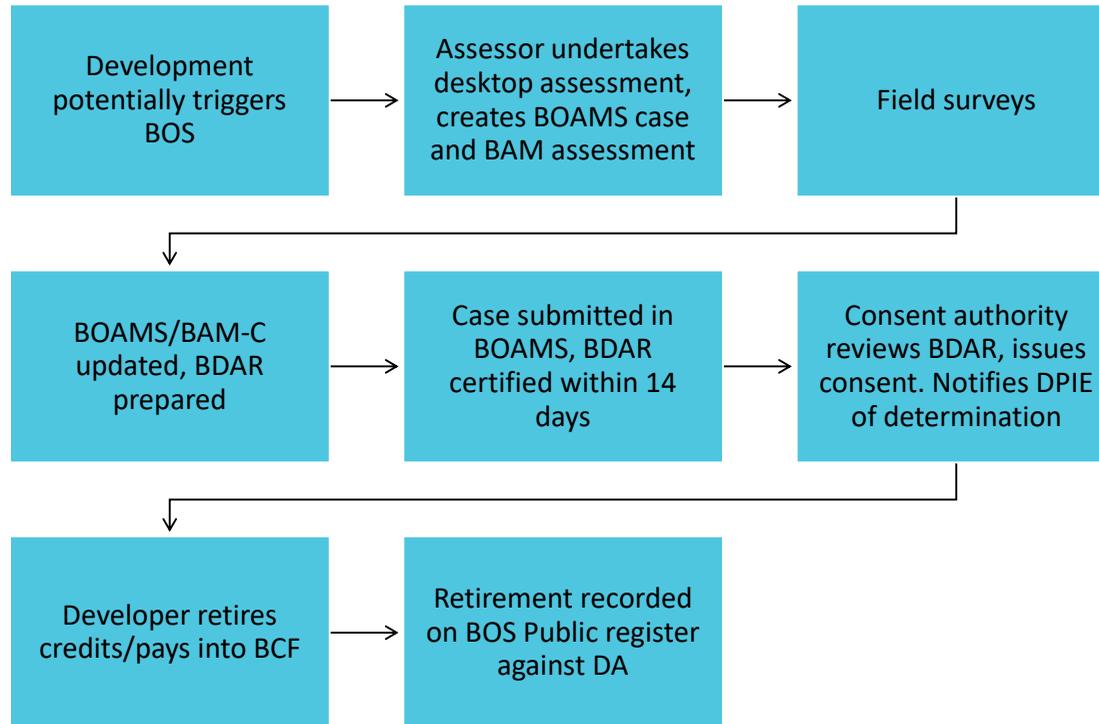
Biodiversity Offset and Agreement Management System (BOAMS)

- Manages BAM assessments for developments and biodiversity stewardship agreements
- Access point for the BAM Credit Calculator (BAM-C)
- Manages credit obligations and holdings
- Links to BOS public registers





Overview of BDAR review process





BOAMS Landing Page - Assessors

A screenshot of the BOAMS Landing Page for Assessors. The page is enclosed in a thin green border. On the left, there are six white boxes with icons and labels: 'My Profile' (man in suit), 'My Development/Clearing Assessment Cases' (green trees), 'My Stewardship Assessment Cases' (green hands holding a tree), 'My Cases' (stack of papers), 'News' (blue antenna), and 'FAQ' (white figure with a red question mark). On the right, under the heading 'As an Assessor what would you like to do today?', there is a vertical stack of blue buttons: 'NEW STEWARDSHIP ASSESSMENT', 'NEW DEVELOPMENT/CLEARING ASSESSMENT' (highlighted with a red border), 'EXPRESSION OF INTEREST', 'CREDIT WANTED', 'IMPORTANT AREA MAPS', 'NEW BUSINESS ACCOUNT', and 'NEW PERSON ACCOUNT'.



BOAMS Parent Case

Case
00021178

Type: Development Status: In-Progress

[Edit](#) [Create Assessment](#) [Submit to Consent Authority](#) ▼

i Step 1: Add a "Case party" for the landholder, with their email address. This email address is how the landholder will manage their credit obligations.
 Step 2: Add the property and the assessed lots.
 Step 3: Create an assessment by clicking "Create assessment" at top right. You will not be able to finalise an assessment without completing step 1 and 2.
 Step 4: After you have completed the assessment and the case is ready to be reviewed by the consent authority, click "Submit to Consent Authority". Note: This system does not send the assessment to council. You must notify council of the assessment.

Additional Information

Subject: Test DA July 2020

Description:

Contact Name: [EABAM ASSESSOR](#)

DA Number:

Credit Outcome:

Status: In-Progress

Contact Person on Register:

Pending credits to appear on Register?

Last Updated by Assessor:

Credit Recording (0)

Case Parties (1) [New](#)

Party...	Full N...	Role	Account
CP-16...	EABAM ...	Assessor	EABAM ... ▼

[View All](#)

Properties (0) [New](#)

- Assessor adds case parties (landholders, proponents, other assessors, and property details)
- May add Council/Consent authority case party



Creating a BAM Assessment

Case
00017802/BAAS01234/19/00017803

Edit BAM Calculator Delete Assessment

Type	Status	Contact Name	Contact Email
Development	Finalised	EABAM ASSESSOR	biobanking@environment.nsw.gov.au

Assessment Details

Status ⓘ
Finalised ✎

Application Type
Development Assessment ✎

Subject
Report test ✎

Description ✎

Related Parent Cases
[00017802](#)

Contact Name
[EABAM ASSESSOR](#)

Additional Details

Case Parties (2) New

PARTY ID
CP-10811 ▼
CP-10812 ▼
View All

Properties (1)

PRO...	STREET	STATE	CITY	
PN-0...	2	2	2	▼
View All				

➤ Assessor creates at least one BAM assessment



Submitting the Case

Case 00021165

Edit Create Assessment **Submit to Consent Authority**

Type: Development Status: In-Progress

i Step 1: Add a "Case party" for the landholder, with their email address. This email address is how the landholder will manage their credit obligations.
Step 2: Add the property and the assessed lots.
Step 3: Create an assessment by clicking "Create assessment" at top right. You will not be able to finalise an assessment without completing step 1 and 2.
Step 4: After you have completed the assessment and the case is ready to be reviewed by the consent authority, click "Submit to Consent Authority". Note: This system does not send the assessment to council. You must notify council of the assessment.

Additional Information

Subject Test DA July 2020	Status In-Progress
Description	Contact Person on Register
Contact Name EABAM ASSESSOR	Pending credits to appear on Register? <input type="checkbox"/>
DA Number	Last Updated by Assessor 21/07/2020 7:54 PM
Credit Outcome	

Credit Recording (4)

Credi...	Credit ...	Credit ...	Comm...
CR-40...	Ecosyst...		
CR-40...	Ecosyst...		
CR-40...	Species	Eastern ...	
CR-40...	Species	Masked ...	

[View All](#)

➤ Assessment **must** be finalised to submit the case and lock calculations



Council/Consent Authority access

A screenshot of a web application interface for a Council/Consent Authority. The page has a green header with a search bar and a user profile dropdown labeled 'TEST COUN...'. Below the header is a navigation bar with 'CASES' and 'CREDIT HOLDINGS/O...'. The main content area displays a welcome message: 'Welcome back Test Council (C-011598)!' and 'You had last logged in on : 21/07/2020.'. There are two informational messages with speaker icons: 'The first step in the process is to complete your profile - [Go to Profile](#)' and 'Please go through FAQ's to make your online experience better.'. Below these are four tiles: 'My Profile' (with a person icon), 'My Development/Clearing Assessment Cases' (with a landscape icon and a red border), 'FAQ' (with a question mark icon), and 'News' (with a news icon).

- Assessor adds Council case party to case
- Consent Authority logs in to see case and associated materials



Reviewing an assessment

 Case
00021165

[Send Case Back To Assessor](#) [Submit for DPIE Review](#)

Type: Development Status: Submitted to Consent Authority for Review

Additional Information

Subject Test DA July 2020	Status Submitted to Consent Authority for Review
Description	Contact Person on Register
Contact Name EABAM ASSESSOR	Pending credits to appear on Register? <input type="checkbox"/>
DA Number DA 5555/2020	Last Updated by Assessor 22/07/2020 2:16 PM
Credit Outcome	Application Origin Web
Priority Medium	Web Email

➤ Enter DA number (for credit retirement)



Confirming the credit obligation

Additional Information

Subject
DA BAMC test

Description

Contact Name
Assessor Two BOAM

DA Number
DA0823423

Credit Outcome
Obligation Accepted

--None--
✓ Obligation Accepted
Concurrence Approved

* Status
DPIE Review Complete

Contact Person on Register

Pending credits to appear on Register?

Last Updated by Assessor
21/04/2020 11:10 AM

Application Origin
Web

Web Email

Cancel Save

- **“Obligation accepted”** - credits default as per the assessment
- **“Concurrence Approved”** – consent authority to enter reduced numbers where concurrence has been given)
- **BOAMS does not provide concurrence**



Editing the Credit Obligation

Credit Recording (4)

Credit ID	Credit Outcome	Credit Type	Common Name	
CR-4007		Ecosystem		▼
CR-4008		Ecosystem		▼
CR-4009		Species	Eastern Pygmy-possum	▼
CR-4010		Species	Masked Owl	▼

[View All](#)

➤ Click “View All” in “Credit Recording” window

Cases > 00021165
Credit Recording
4 items - Sorted by Credit ID - Updated a few seconds ago

	Credit ID	Credit Type	Common Name	Status	Agree...	Reas...	Appro...	Asses...	Avalla...	
1	CR-4007	Ecosystem		Assessed			10	10	10	▼
2	CR-4008	Ecosystem		Assessed			43	43	43	Edit
3	CR-4009	Species	Eastern Pygmy-possum	Assessed			21	21	21	▼
4	CR-4010	Species	Masked Owl	Assessed			43	43	43	▼

➤ Select “Edit” from drop down for each credit.



Editing the Credit Obligation

Edit CR-4007

Credit Recording

Credit Outcome
--None--

Agreed Credits
10

---None--
Obligation Accepted
Concurrence Approved

Credit Type
Ecosystem

Assessed

Case
00021171

Related Application

Related Parent Case
00021165

Credit Transaction

Assessed Credits
10

Approved Credits
10

Cancel Save

- Edit each of the credits where concurrence is approved and save
- If no reduction is proposed, select "Obligation accepted"



Reviewing the BAM assessment

Assessed Lots (1)			
PROPERTY LOTS NAME	PROPERTY	LOT AND DP NUMBER	LOT AREA
LOT-2146	PN-0025739	12/120	View All

Related Cases (1)			
APPLICATION NUMBER	CASE TYPE	CASE NUMBER	STATUS
00017667	Development Assessment	00017666/BAAS09999/19/00017667	Finalised View All

Retire Credit Case (0)			
------------------------	--	--	--

Attachments (1)			
Upload Files			
DA Report	17/10/2019 - 32KB - png		
View All			

➤ Under “Related Cases”, click on the Application number to open the BAM calculator



Re-allocating case for Assessor edits

Case 00021165

Type: Development Status: Submitted to Consent Authority for Review

Additional Information

Subject: Test DA July 2020

Description:

Contact Name: [EABAM ASSESSOR](#)

DA Number:

Credit Outcome:

Priority: Medium

Status: Submitted to Consent Authority for Review

Contact Person on Register:

Pending credits to appear on Register?

Last Updated by Assessor: 22/07/2020 2:16 PM

Application Origin: Web

Web Email:

Send Case Back To Assessor Submit for DPIE Review

- Sets case back to in-progress
- Assessor edits and re-submits case
- Can be edited and resubmitted as often as necessary
- May provide comments on case, and add attachments at bottom of page
- Once finalised, click “Submit for DPIE Review” to relate consent to retired credits



BOAMS – Council/Consent Authority User access

- **NOTE: not mandatory**
- Provides access to BAM-C calculations, attachments (including shapefiles), credit reports, proponent details
- Online access to notification of determination within system
- Council may enter concurrence details and changes to credits where approved
- Don't need an account when assessor submits case – BAM support can add council/consent authority after submission

- BOAMS works best with Chrome or Firefox (not IE)
- To register for an account contact BAM support:

BAM.support@environment.nsw.gov.au





The BAM Calculator (BAM-C)

BAM Calculator

OPEN
SAVE
SAVE AS NEW VERSION
CANCEL
DELETE
FINALISE
PRINT
00017761/BAAS01234/19/00017762 / Revision: 1

1. Assessment details
2. Site context
3. Vegetation
4. Habitat suitability
5. Habitat survey
6. Credits
7. Credit classes
8. Price

Welcome to the Biodiversity Assessment Calculator

The 'OEH BAM Calculator' is an online application of the Biodiversity Assessment Method (BAM). The calculator uses the rules and calculations outlined in the BAM, and allows the user to apply the BAM at a site and observe the results of the assessment.

The BAM and the calculator provides:

- a consistent method for the assessment of the impact on biodiversity on a proposed development or major project, or clearing site
- a scientific and repeatable calculation of how the biodiversity impacts need to be the offset for biodiversity impacts (quantified as biodiversity credits) as required to achieve a standard of 'no net loss' of biodiversity
- a consistent method for the assessment of the biodiversity values of a stewardship site and how those values will change under conservation management

Biodiversity Assessment Calculator

By using this Biodiversity Assessment Calculator, you agree to the terms and conditions as specified by the disclaimer below.

START NOW

Disclaimer

The use of this Biodiversity Assessment Method Calculator (App) is subject to the following terms and conditions:

Office of Environment and Heritage (OEH) endeavours to make sure all the information provided in this App is correct at the time of its publication or posting.

To the extent legally permitted, OEH gives no warranty about and accepts no responsibility for the accuracy, completeness or suitability of information, or for advice given in this App or any linked site, or for any error or omission in that information. The data available from the BAM Calculator has been prepared in good faith, exercising all due care and attention, but no representation or warranty express or implied, is made to the relevance, accuracy, completeness or fitness for purpose of this information in respect of any particular user circumstances. With respect to the biodiversity data and biodiversity credit outcomes determined using the BAM, it should be noted that some data values are subject to change.

Additional information on the BAM data

Benchmark values for Plant Community Types

The benchmark data in the BAM Calculator have been prepared for more than 650 bioregional vegetation classes. Bioregional vegetation classes are an amalgamation of IBRA regions and Keith Vegetation Classes.

Benchmarks describe the reference state to which sites are compared to assess the biodiversity values of native vegetation and threatened species habitat. The reference state relates to best-on-offer sites which are those sites within the contemporary landscape with higher numbers of native plant species, greater structural complexity and replete with functional components, relative to other sites of the same vegetation type.

Richness and foliage cover benchmarks have been created by modelling data from more than 36,000 full-floristic 0.04 ha plots (approximately 1.25 million records) and represent the 75th percentile of the data distributions for richness and cover of trees, shrubs, grasses & grass-like, forbs ferns and other growth forms. They assume average prior rainfall conditions and represent the average benchmark value over 12 months.

Function benchmarks were generated from approximately 14,000 records from 0.1 ha plots, and were created at a variety of classification levels (up to Formation) based on numbers of available plots. They represent the 75th percentile of each attribute's raw data distributions.

Threatened species

The data for many threatened entities used in the BAM Calculator have been reviewed and/or generated via a consensus-based expert elicitation process involving OEH and external species experts. However, data review for a subset of entities (primarily threatened plants) is on-going.

Queries relating to threatened species data should be directed to bionet@environment.nsw.gov.au.

This website is working to conform to Level AA of the [Web Content Accessibility Guidelines version 2](#). If you encounter accessibility difficulties, please [contact us](#).

➤ Preferably use Chrome

➤ Always accept popups from Imbc (otherwise BAM-C won't open)



Assessment details and Site Context

The screenshot displays the 'BAM Calculator' application interface. At the top, it shows the NSW Government logo and the title 'BAM Calculator'. Below this, there are navigation tabs for '1. Assessment details', '2. Site context', '3. Vegetation', '4. Habitat suitability', '5. Habitat survey', '6. Credits', '7. Credit classes', and '8. Price'. A message box indicates that the user has selected 'Part 4 Developments (General)' as the 'Assessment Type'. Below the message, there are several form fields: 'Assessment type *' (dropdown menu), 'Proposer Name' (text input), 'Assessment ID' (text input), 'Assessment Revision' (text input), 'Interim Biogeographic Regionalisation for Australia (IBRA) *' (dropdown menu), 'IBRA Sub Region *' (dropdown menu), 'NSW Landscape' (dropdown menu), '% Native vegetation cover *' (text input), and 'Linear Development' (checkbox).

Note: Assessment type (Part 4 vs Part 5 vs Small area assessment)
 IBRA Region and IBRA-subregion



Assessors may use more appropriate local data, including benchmarks, if the consent authority is of the opinion that the data more accurately reflects local environmental conditions.

BAM Calculator BAM data last updated *: 27/09/20

00017751/BAAS01234/19/00017762 / Revision: 1

1. Assessment details
2. Site context
3. Vegetation
4. Habitat suitability
5. Habitat survey
6. Credits
7. Credit classes
8. Price

All fields marked with an asterisk (*) are mandatory

Information!
As you have selected 'Development' as your 'Assessment Type', you will only need to identify the dominant Plant Community Type on the site.

Errors!
Please address the errors listed below. Note: you will not be able to finalise and submit the assessment until the errors are addressed.
At least one vegetation zone is required to proceed with this application

Plant community types (PCT) & ecological communities

Formation *	Class *	Plant community type *	PCT % cleared	Associated TEC *	BC Act listing status	EPBC Act listing status	Action	Delete
Forested Wetlands	Eastern Riverine Forests	42 - River Red Gum / River Oak riparian woodland wetland in the Hunter Valley	95	Hunter Lowland Redgum Forest in the Sydney Basin and New South Wales North Coast Bioregions	Endangered Ecological Community	Not Listed	<input type="button" value="ADD VEG ZONE"/> <input type="button" value="Modify default benchmarks"/>	<input type="button" value="X"/>

Vegetation zones (Current vegetation integrity score)

Action



➤ Check for modified benchmarks. Assessors may modify any of the structure, function and composition elements of the benchmarks



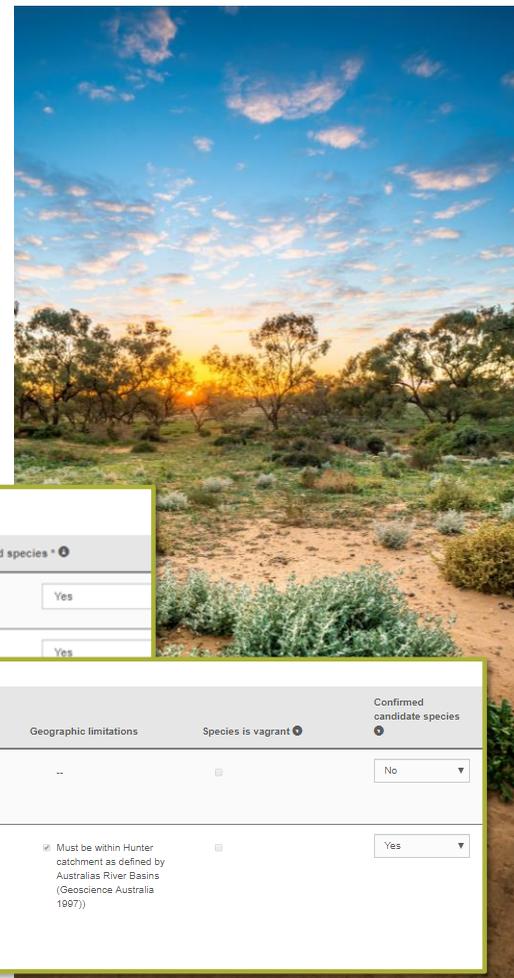
BAM Calculator - Habitat suitability

Assessors may remove a species from the candidate list where:

- habitat constraints listed in the TBDC are not present on site
- the species is vagrant to the area.

Species credit species may also be removed where the identified habitat for the species is degraded (BAM Section 6.4.1.14 and 6.4.1.17).

Species removed will be listed in the credit reports and **must** be justified in the BDAR



Predicted threatened species (Ecosystem credits)

Species	Habitat constraints	Geographic limitations	Species is vagrant	Veg Zone - Confirmed predicted species *
★ <i>Glossopsitta pusilla</i> Little Lorikeet	--	--	<input type="checkbox"/>	624_Classname1 Yes
★ <i>Neophema pulchella</i> Turquoise Parrot	--	--	<input type="checkbox"/>	624_Classname1 Yes

SEARCH PREDICTED SPECIES

Candidate threatened species (Species credits)

Species	Habitat constraints	Habitat degraded	Geographic limitations	Species is vagrant	Confirmed candidate species
<i>Acacia pendula</i> - endangered population Acacia pendula population in the Hunter catchment	--	<input checked="" type="checkbox"/>	--	<input type="checkbox"/>	No
<i>Cymbidium canaliculatum</i> - endangered population Cymbidium canaliculatum population in the Hunter Catchment	<input checked="" type="checkbox"/> Epiphytes <input checked="" type="checkbox"/> Epiphytic in a range of eucalypts and Angophora(Fallen/standing dead timber including logs	<input type="checkbox"/>	<input checked="" type="checkbox"/> Must be within Hunter catchment as defined by Australias River Basins (Geoscience Australia 1997)	<input type="checkbox"/>	Yes

SEARCH CANDIDATE SPECIES



Habitat survey

- Assessors may survey for a species to determine presence or absence
- May also assume presence OR may opt to use an expert report to determine absence – the expert report must accompany the BDAR
- Experts to be approved by DPIE

(<https://www.environment.nsw.gov.au/topics/animals-and-plants/biodiversity/biodiversity-offsets-scheme/experts>)

All fields marked with an asterisk (*) are mandatory

Message!
If Species presence 'Yes' and not 'assumed present' or 'No' and 'surveyed', Please select the survey of month, for particular species.

Candidate threatened species (Species credits)

Species	Species presence *	Survey timetable	UOM
<i>Hamirostra melanosternon</i> Black-breasted Buzzard	No (expert report)	<input type="checkbox"/> Jan <input type="checkbox"/> Feb <input type="checkbox"/> Mar <input type="checkbox"/> Apr <input type="checkbox"/> May <input type="checkbox"/> Jun <input type="checkbox"/> Jul <input type="checkbox"/> Aug <input type="checkbox"/> Sep <input type="checkbox"/> Oct <input type="checkbox"/> Nov <input type="checkbox"/> Dec	
<i>Hieraaetus morphnoides</i> Little Eagle	Yes (surveyed)	<input checked="" type="checkbox"/> Jan <input type="checkbox"/> Feb <input type="checkbox"/> Mar <input type="checkbox"/> Apr <input type="checkbox"/> May <input type="checkbox"/> Jun <input type="checkbox"/> Jul <input checked="" type="checkbox"/> Aug <input type="checkbox"/> Sep <input type="checkbox"/> Oct <input type="checkbox"/> Nov <input checked="" type="checkbox"/> Dec <input checked="" type="checkbox"/> Survey month outside the specified months?	Area (ha)



Credit summary and credit classes

Ecosystem credits for plant communities types (PCT), ecological communities & threatened species habitat

Zone	Vegetation zone name	Vegetation integrity loss	Area	Species sensitivity to gain class (for BRW)	Biodiversity risk weighting	Potential SAII	Ecosystem credits
Weeping Myall - Coobah - Scrub Wilga shrubland of the Hunter Valley							
1	116_High	46.3	2 hectares	Moderate Sensitivity to Potential Gain	2.25	TRUE	52
							Subtotal: 52
							Total: 52

Species credits for threatened species

Vegetation zone name	Habitat condition (vegetation integrity) loss	Area / Count	Biodiversity risk weighting	Potential SAII	Species credits
Cymbidium canaliculatum - endangered population / Cymbidium canaliculatum population in the Hunter Catchment (Flora)					
116_High	N/A	5 individuals	2	False	10
Diuris tricolor / Pine Donkey Orchid (Flora)					
116_High	46.3				

Ecosystem credit classes

Ecosystem credit summary

PCT	TEC	Area	Credits
116-Weeping Myall - Coobah - Scrub Wilga shrubland of the Hunter Valley	Hunter Valley Weeping Myall Woodland in the Sydney Basin Bioregion	2	52

Credit classes for 116

Like-for-like options

TEC	HBT	IBRA region
Hunter Valley Weeping Myall Woodland in the Sydney Basin Bioregion This includes PCT's: 116	Yes	Hunter , Ellerston, Karuah Manning, Kerrabee, Liverpool Range, Peel, Tomalla, Upper Hunter, Wyong and Yengo. or Any IBRA subregion that is within 100 kilometers of the outer edge of the impacted site.



Credit Pricing (Biodiversity Offsets Payment Calculator)

Ecosystem credits for plant communities types (PCT), ecological communities & threatened species habitat											
IBRA sub region	PCT common name	Baseline price per credit	Dynamic coefficient	Market coefficient	Risk premium	Administrative cost	Methodology adjustment factor	Price per credit	No. of ecosystem credits	Final credits price	
Great Darling Anabranch	17 - Lignum shrubland wetland of the semi-arid (warm) plains (mainly Rivernia Bionegon and Murray Darling Depression Bionegon) <i>Warning: This PCT has NO trades recorded</i>	\$4,248.35	0.717822	2.5185	10.00%	\$20.00	1.0000	\$8,000.20	0	\$54,083.93	
Great Darling Anabranch	23 - Yarran tall open shrubland of the sandplains and plains of the semi-arid (warm) and arid climate zones <i>Warning: This PCT has NO trades recorded</i>	\$4,248.35	0.717822	2.5185	10.00%	\$20.00	1.0000	\$8,000.20	29	\$174,290.47	
										Subtotal (excl. GST)	\$228,353.10
										Total ecosystem credits (incl. GST)	\$251,188.4
Species credits for threatened species											
Species profile ID	Species	Threat status	Price per credit	Risk premium	Administrative cost	No. of species credits	Final credits price				
10395	<i>Hamirostra melanosternon</i> (Black-breasted Buzzard)		\$85.51	10.0000%	\$20.00	29	\$3,590.30				
20131	<i>Hieraaetus morphnoides</i> (Little Eagle)		\$508.66	10.0000%	\$20.00	8	\$8,023.53				
10116	<i>Lophochroa leadbeateri</i> (Major Mitchell's Cockatoo)		\$508.66	10.0000%	\$20.00	39	\$24,489.71				
										Subtotal (excl. GST)	\$33,103.54
										GST	\$3,310.35
										Total species credits (incl. GST)	\$36,413.89
										Grand total	\$287,602.3
Calculated as on: 22/10/2019 10:00:09											



Credit report (Like for Like)



BAM Biodiversity Credit Report (Like for like)

Proposal Details

Assessment Id 00017772/BAAS01234/19/00017773	Proposal Name Report Test	BAM data last updated * 27/09/2019
Assessor Name [REDACTED]	Assessor Number	BAM Data version * 15
Proponent Names [REDACTED]	Report Created 30/09/2019	BAM Case Status Finalised
Assessment Revision 0	Assessment Type Part 4 Developments (General)	Date Finalised 30/09/2019

* Disclaimer: BAM data last updated may indicate either complete or partial update of the BAM calculator database. BAM calculator database may not be completely aligned with Bionet.

Potential Serious and Irreversible Impacts

Name of threatened ecological community	Listing status	Name of Plant Community Type/ID
Hunter Valley Weeping Myall Woodland in the Sydney Basin Bioregion	Critically Endangered Ecological Community	116-Weeping Myall - Coobah - Scrub Wilga shrubland of the Hunter Valley

Additional Information for Approval

PCTs With Customized Benchmarks

Assessment Id
00017772/BAAS01234/19/00017773
Proposal Name
Report Test
Page 1 of 4

NOTE: Once BAM-C is finalised, the BDAR must be submitted to the consent authority with 14 days (BC Act s6.15).



Modified benchmarks and ecosystem species removed

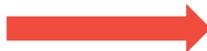
 BAM Biodiversity Credit Report (Like for like)			
PCTs With Customized Benchmarks			
PCT			
268-White Box - Blakely's Red Gum - Long-leaved Box - Nortons Box - Red Stringybark grass-shrub woodland on shallow soils on hills in the NSW South Western Slopes Bioregion			
Predicted Threatened Species Not On Site			
Name			
Anthochaera phrygia / Regent Honeyeater			
Callocephalon fimbriatum / Gang-gang Cockatoo			
Artamus cyanopterus cyanopterus / Dusky Woodswallow			
Ecosystem Credit Summary (Number and class of biodiversity credits to be retired)			
Name of Plant Community Type/ID	Name of threatened ecological community	Area of impact	Number of credits to be retired
268-White Box - Blakely's Red Gum - Long-leaved Box - Nortons Box - Red Stringybark grass-shrub woodland on shallow soils on hills in the NSW South Western Slopes Bioregion	White Box Yellow Box Blakely's Red Gum Woodland	2.0	63.00



Candidate Species Report

NSW GOVERNMENT		BAM Candidate Species Report											
<i>Phascolarctos cinereus</i> Koala	Yes (surveyed)	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
<i>Hieraetus morphnoides</i> Little Eagle	No (surveyed)	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
<i>Haliaeetus leucogaster</i> White-bellied Sea-Eagle	No (surveyed)	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
List of Species Not On Site													
Name													
<i>Anthochaera phrygia</i> Regent Honeyeater													
<i>Callocephalon fimbriatum</i> Gang-gang Cockatoo													

Species credit species removed:





BOS Public Registers

- <https://www.environment.nsw.gov.au/biodiversity/offsets-scheme-public-registers.htm>

Home > Topics > Animals and plants > Biodiversity > Biodiversity Offsets Scheme > Offsets scheme public registers

Biodiversity Offsets Scheme Public Registers

The Biodiversity Offsets Scheme (BOS) public registers provide information on biodiversity credits, obligations and transactions created under the provisions of the **Biodiversity Conservation Act 2016** (BC Act) and the Biodiversity Conservation Regulation 2017 (the Regulation).

The public registers support the operation of the biodiversity credit market by helping to connect credit buyers and sellers while increasing market transparency.

Biodiversity Offsets Scheme public registers

The BOS public registers are:

- **Credit supply register** – details of the number, type and location of credits available for purchase. This register includes Expressions of Interest (potential credit supply), pending credits (those which need assessment/approval) and issued credits.
- **Credit demand register** – details of the number, type and location of credits which are required. This register includes credits wanted (potential credit demand) and pending credits (those which need assessment/approval).
- **Transactions register** – information on BOS credit transfers and retirements including credit type, number, price and date as well as suspensions and cancellations.

➤ Transactions register: displays reason for retirement, DA number, numbers and types of credits retired

	A	B	C	D	E	F	G	H	I	K	L	M	O	P	Q	R	S
1	Biodiversity Offset																
2	Credit Transaction																
3	Report																
4	Date and Time Extracted: 22/10/2019 11:07 AM																
5	Transaction Date	Transaction ID	Transaction Status	Transaction Type	From	To	Plant Community Type	Sub Region	Offset Trading Group	Scientific Name	Common Name	Number Of Credits	Retirement Reason	Reference Number	LGA of DA	DA Number	DEH Comment
6																	
7																	
8																	
9																	



Lodging an offset obligation with DPIE (ex-BOAMS)

- <https://www.environment.nsw.gov.au/topics/animals-and-plants/biodiversity/local-government-resources/lodging-an-offset-obligation>

Lodging an offset obligation

The Department of Planning, Industry and Environment is monitoring the operation of the Biodiversity Offsets Scheme, including measuring biodiversity losses and gains across the scheme.

The Department is asking all decision makers to provide notification of the determination of every development or activity to which the Biodiversity Offsets Scheme applies.

Decision makers include local councils, Part 5 authorities and the Native Vegetation Panel.

The notification process is:

- the decision maker downloads and fills in the form **Biodiversity Offsets Scheme – Notification of Determination (DOCX 89KB)**
- the decision maker emails the completed form and attachments, including a copy of the determination and any conditions of approval, to bam.support@environment.nsw.gov.au determination outcomes will be recorded in the Biodiversity Offset and Agreement Management System.

Department of Planning, Industry and Environment

Biodiversity Offsets Scheme

Notification of Determination

Assessment ID (from credit report) ^a	Click or tap here to enter text. ^a
Proponent name ^a	Click or tap here to enter text. ^a
Development assessment (DA) number ^a	Click or tap here to enter text. ^a
Consent authority contact ^a	Click or tap here to enter text. ^a
Consent authority phone number ^a	Click or tap here to enter text. ^a
Local Government Area ^a	Click or tap here to enter text. ^a

If the offset obligations approved by the consent authority do not vary from the credit requirements determined by the Biodiversity Assessment Method (BAM), please **attach a copy** of the BAM Biodiversity Credit Report. The BAM Biodiversity Credit Report will be incorporated in the Biodiversity Development Assessment Report (BDAR).^f

If the approved offset obligations vary from the BAM Biodiversity Credit Report, please:^f

- → attach a copy of the BAM Biodiversity Credit Report (variation), which will be incorporated in the BDAR^f
- → attach a copy of the determination with conditions of consent^f
- → answer the following questions.^f

Was the offset obligation decreased?^a Yes No^a



Local government resources

- <https://www.environment.nsw.gov.au/topics/animals-and-plants/biodiversity/local-government-resources>

Biodiversity conservation

- About the Biodiversity Conservation Act 2016
- Biodiversity Offsets Scheme
- Biodiversity Conservation Trust
- Land management
- Transitional Native Vegetation Regulatory Map
- Transitional arrangements
- Biodiversity Assessment Method
- Assessment Bilateral Agreement
- Biodiversity certification
- Areas of Outstanding Biodiversity Value
- Biodiversity Conservation Advisory Panel
- Biodiversity Indicator Program
- Accredited assessors
- Local government resources**
- Implementation support
- Vegetation management
- Training for approvers
- Lodging an offset obligation
- Seeking concurrence for a reduced credit obligation

Topics > Animals and plants > Biodiversity conservation
> Local government resources

Local government resources for biodiversity conservation and management

Local government is a key partner in the conservation and management of biodiversity and threatened species in New South Wales.

The *Biodiversity Conservation Act 2016* (BC Act) commenced on 25 August 2017. This page provides a resource for local government to support implementation of the new biodiversity assessment and approval framework.

Commencement of the Biodiversity Offset Scheme

From 25th February 2018 in most local government areas, any new application for development consent or modification to an approved development under Part 4 of the *Environmental Planning & Assessment Act 1979* (EP&A) (not including State Significant Development) will be subject to the biodiversity assessment requirements of the *Biodiversity Conservation Act 2016*.

Transitional arrangements will continue to apply to activities under Part 5 of the EP&A Act, major projects and mining projects as outlined in the BC (S&T) Regulation.

Interim Designated Areas

The following local government areas are no longer Interim Designated Areas:

- Cessnock
- Newcastle
- Port Stephens
- Lake Macquarie, Maitland
- Central Coast and Coffs Harbour.

In addition, the West Dapto Urban Release Area in the Wollongong local government area is no longer an Interim Designated Area.

Contact us

Department of Planning, Industry and Environment

1300 361 967 Email

Online

Land management and biodiversity reforms bulletins

- Issue 10 Coastal management and the Biodiversity Conservation Act 2016 (PDF 345KB)
- Issue 12 Bush fire related clearing and the Biodiversity Conservation Act 2016 (PDF 393KB)
- Issue 11 Councils as decision maker on dead or dying trees (PDF 349KB)
- Issue 10 Compliance and State Environmental Planning Policy (Vegetation in Non-Rural Areas) 2017 (PDF 284KB)
- Issue 9 Development assessment decision making and biodiversity development assessment reports (PDF 292KB)
- Issue 8 Biodiversity Values Map update 5 (see Biodiversity Values Map webpage)
- Issue 7 Concept development applications and the Biodiversity



Assessor resources

- <https://www.environment.nsw.gov.au/topics/animals-and-plants/biodiversity/accredited-assessors/assessor-resources>

Accredited assessors

Applying for accreditation

Assessor questions and answers

Assessor resources

Biodiversity Assessment Method support webinars

Topics > Animals and plants > Biodiversity conservation
> Accredited assessors > Assessor resources

f t p e

Assessor resources

Resources for assessors applying the Biodiversity Assessment Method (BAM).

Legislation

- [Biodiversity Conservation Act 2016](#)
- [Biodiversity Conservation Regulation 2017](#)
- [NSW Biodiversity Assessment Method \(BAM\) Order](#)

Biodiversity Offsets and Agreement Management System manuals and guides

- [BAM Operational Manual – Stage 1](#) (PDF 1.3MB)
- [BAM Operational Manual – Stage 2](#) (PDF 1.3MB)
- [BAM Calculator User Guide](#) (PDF 3.0MB)
- [Biodiversity Offsets Payment Calculator User Guide](#) (PDF 1.7MB)

Data, information and tools

- System user guides
- Operational Manuals
- Threatened species survey guides
- Links to system data
- Assessor updates
- BAM support webinars link
- FAQs



Offsets Scheme support

Biodiversity Offsets Scheme

- How the Scheme works
- Biodiversity Offsets Scheme support
- Entry requirements
- Rules
- Serious and irreversible impacts
- Biodiversity Offsets and Agreement Management System
- Offsets payment calculator
- Fees
- Total fund deposit - discount rate
- Public registers
- Brokers
- Experts

Topics > Animals and plants > Biodiversity reform
> Biodiversity Offsets Scheme > Biodiversity Offsets Scheme support

f t p e

Biodiversity Offsets Scheme support

Use this form if you need support or want more information about the Biodiversity Offsets Scheme. You can also use it to send us your feedback.

Need help?

This form replaces the Land Management and Biodiversity Conservation (LMBC) Service Centre. Your enquiry will be sent directly to the appropriate team and actioned.

Biodiversity Offsets Scheme enquiry form

Your enquiry relates to:*

-- Please Select --

What would you like to ask about?*

-- Please Select --

Tell

- Applying to become an accredited assessor
- Experts to prepare species reports for the BAM
- Biodiversity Assessment Method Support (including BAM-C/BOAMS)
- A development application or other planning approval
- Biodiversity Offset Payment Calculator
- Spot Price Index
- BioBanking including BBAM credit transactions
- Native Vegetation Regulatory Map (NVR Map)
- Biodiversity Values Map and Threshold Tool

Up

- NSW BioNet, including Vegetation Classification database, benchmarks, Atlas of NSW Wildlife
- Wildlife Licencing Reforms
- Biodiversity Offsets Scheme Credit Transactions, public registers
- Credit equivalence (BBAM to BAM) conversion
- Compliance and Enforcement

Yo

- General Enquiry

First name:*

Contact us

Department of Planning, Industry and Environment

☎ 1300 361 967 ✉ Email

💻 Online

<https://www.environment.nsw.gov.au/topics/animals-and-plants/biodiversity/biodiversity-offsets-scheme/biodiversity-offsets-scheme-support>



Q&A

This session will not be included in the webinar recording.

Written questions and answers will be attached to the online webinar recording.

Questions asked during these webinars also contribute to the development of the [Assessor Q&A](#) page, future webinars and other Biodiversity Offsets Scheme supporting resources.

John Spencer/DPIE



Thankyou for your participation

Webinar recordings will be available to view online on the [BOS Support webinars](#) page.

For further support, contact us via the [BOS Support](#) page.