

This report identifies the number and type of credits required at a DEVELOPMENT SITE.

Date of report: 9/09/2015

Time: 9:41:06AM

Calculator version: v4.0

Development details

Proposal ID: n/a/2014/1414D
Proposal name: Byron Bay Bypass -Final
Proposal address: Browning Street Byron Bay NSW 248

Proponent name: Byron Shire Council
Proponent address: PO Box 219 Mullumbimby NSW 2482
Proponent phone: 0266267000

Assessor name: Arien Quin
Assessor address: Level 3, 24 Honeysuckle Drive NEWCASTLE NSW 2300
Assessor phone: 0405 443 341
Assessor accreditation: 0120

Improving or maintaining biodiversity

An application for a red flag determination is required for the following red flag areas

Red flag	Reason
Paperbark swamp forest of the coastal lowlands of the NSW North Coast Bioregion and Sydney Basin Bioregion	Vegetation type being > 70% cleared; or it contains an endangered ecological community;
Paperbark swamp forest of the coastal lowlands of the NSW North Coast Bioregion and Sydney Basin Bioregion	Vegetation type being > 70% cleared; or it contains an endangered ecological community;
Mitchells Rainforest Snail	An impact greater than that allowed;

The application for a red flag determination should address the criteria set out in the BioBanking Assessment Methodology. Please note that a biobanking statement cannot be issued unless the determination is approved.

Additional information required for approval:

- Change to percent cleared for a vegetation type/s
- Use of local benchmark
- Change negligible loss
- Expert report...
- Request for additional gain in site value
- Predicted threatened species not on site
- Change threatened species response to gain (Tg value)

Ecosystem credits summary

Plant Community type	Area (ha)	Credits required	Red flag
Paperbark swamp forest of the coastal lowlands of the NSW North Coast Bioregion and Sydney Basin Bioregion	1.44	73.92	Yes
Total	1.44	74	

Credit profiles

1. Paperbark swamp forest of the coastal lowlands of the NSW North Coast Bioregion and Sydney Basin Bioregion, (NR217)

Number of ecosystem credits created

74

IBRA sub-region

Murwillumbah (Qld - Southeast Hills and Ranges)

Offset options - vegetation types	Offset options - CMA sub-regions
<p>Paperbark swamp forest of the coastal lowlands of the NSW North Coast Bioregion and Sydney Basin Bioregion, (NR217)</p> <p>Swamp Mahogany swamp forest on coastal lowlands of the NSW North Coast Bioregion and northern Sydney Basin Bioregion, (NR254)</p>	<p>Murwillumbah (Qld - Southeast Hills and Rang and any IBRA subregion that adjoins the IBRA subregion in which the development occurs</p>

Species credits summary

Common name	Scientific name	Extent of impact Ha or individuals	Number of species credits created
Mitchells Rainforest Snail	<i>Thersites mitchellae</i>	0.63	49
Common Planigale	<i>Planigale maculata</i>	1.44	37
Pale-vented Bush-hen	<i>Amauornis moluccana</i>	0.63	8
Black Bittern	<i>Ixobrychus flavicollis</i>	0.63	8

Credit retirement report

Effective date: 03-June-2019

Transaction number: 201906-RT-403

Credit owners' details

Credit owner ID: 455

Name of credit holder: Byron Shire Council

Other owner(s):
No other owners

Reason for retirement: Retirement to satisfy the requirements of BioBanking Statement ID 19

Ecosystem credit(s) retired

Number of credits	Credit profile ID	Agreement ID	Vegetation code	Vegetation type	CMA subregion	% surrounding vegetation	Patch size	Vegetation formation(see key)
64	2,891	352	NR217	NR217/Paperbark swamp forest of the coastal lowlands of the NSW North Coast Bioregion and Sydney Basin Bioregion	Murwillumbah (Qld - Southeast Hills and Ranges)	31-70%	>100 ha	FRW
6	2,892	352	NR254	NR254/Swamp Mahogany swamp forest on coastal lowlands of the NSW North Coast Bioregion and northern Sydney Basin Bioregion	Murwillumbah (Qld - Southeast Hills and Ranges)	31-70%	>100 ha	FRW

Species credit(s) retired

Number of credits	Credit profile ID	Agreement ID	Species type	Scientific name	Common name
49	613	352	Fauna	<i>Thersites mitchellae</i>	Mitchell's Rainforest Snail

Key to vegetation formations

Code	Vegetation formation
ALP	Alpine complex
ASA	Arid shrublands (Acacia)
ASC	Arid shrublands (Chenopod)
DSG	Dry sclerophyll forests (shrub/grass)
DSS	Dry sclerophyll forests (shrubby)
FRW	Forested wetlands
FWW	Freshwater wetlands
GLD	Grasslands
GRW	Grassy woodlands
HLD	Heathlands
MES	Miscellaneous ecosystems
RFT	Rainforests
SAW	Saline wetlands
SWG	Semi-arid woodlands (grassy)
SWS	Semi-arid woodlands (shrubby)
WSG	Wet sclerophyll forests (grassy)
WSS	Wet sclerophyll forests (shrubby)

The credit register provides further information about credit holdings and reports about credit trading activity. To view this information, please visit the public register website at www.environment.nsw.gov.au/bimspr/index.htm

For more information, please contact the BioBanking Scheme Manager - phone (02) 9995 6753; email biobanking@environment.nsw.gov.au

Credit retirement report

Effective date: 03-June-2019

Transaction number: 201906-RT-404

Credit owners' details

Credit owner ID: 450

Name of credit holder: Byron Shire Council

Other owner(s):

No other owners

Reason for retirement: Retirement to satisfy the requirements of BioBanking Statement ID 19

Ecosystem credit(s) retired

Number of credits	Credit profile ID	Agreement ID	Vegetation code	Vegetation type	CMA subregion	% surrounding vegetation	Patch size	Vegetation formation(see key)
11	2,869	348	NR217	NR217/Paperbark swamp forest of the coastal lowlands of the NSW North Coast Bioregion and Sydney Basin Bioregion	Murwillumbah (Qld - Southeast Hills and Ranges)	31-70%	>100 ha	FRW

Species credit(s) retired

Number of credits	Credit profile ID	Agreement ID	Species type	Scientific name	Common name
8	603	348	Fauna	Amaurornis moluccana	Pale-vented Bush-hen
8	601	348	Fauna	Ixobrychus flavicollis	Black Bittern
37	602	348	Fauna	Planigale maculata	Common Planigale

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SAW	Saline wetlands
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