

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

Date of report: 8/06/2016

Time: 3:56:41PM

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	1.56	81.00	Yes
Total	1.56	81	

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	81
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