



Andy Erskine  
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Mullumbimby NSW 2482  
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Our ref: [DOC22/775269]

01 September 2022

Attention: Sandra Pimm

Dear Mr Erskine

Thank you for submitting the 2022 (Active) Annual Report for year 3 of your Biodiversity Stewardship (Biobank) Agreement for **BSA 352** Lilli Pilli.

The BCT has completed an audit of the active management actions and advises that the required actions have been satisfactorily completed, however to ensure that your site remains on track, please note the following items will need to be addressed within the next reporting period:

- Control of *Sagittaria* sp. which has spread along the drainage line at the south end of the site following recent flooding
- Installation of star pickets at photo points, where practicable, to be used as a point of reference in each image for ongoing reporting.

As noted in the annual report and discussed with John McVicar at the site visit on Tuesday 30 August 2022, the incidence of *Sagittaria* has worsened following the flooding in the preceding 12 months and was observed choking the flow of water. Understanding that physical removal is likely to be the most effective treatment and is labour intensive, containing the spread is seen as the most practical outcome until conditions hopefully dry out to restrict the spread and allow better access for treatment. This issue will require monitoring and can be picked up in photo points E and F.

Please find enclosed the audit report with detailed comments prepared by the BCT regional reviewer. Also attached are next year's annual report, diary and monitoring templates.

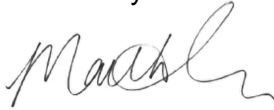
The BCT will be releasing your annual management payment which will be deposited into your nominated bank account within 20 working days. Please note that payment has been adjusted for the Consumer Price Index as per your agreement.

The next annual report for your site (2023, year 4) is due by **27 July 2024**.

Thank you for your ongoing commitment to managing the biodiversity on your property. You are contributing to over 26 300 hectares of land under in-perpetuity conservation agreements across NSW.

Please contact Anthony Jarvis on 6650 7134 or via [Anthony.jarvis@bct.nsw.gov.au](mailto:Anthony.jarvis@bct.nsw.gov.au) with any questions relating to your annual report.

Yours sincerely



Matt Carr

**Regional Manager, North Coast**

**Attached: Annual report template  
Site inspection and photo monitoring templates**

Please contact the BCT as early as possible if:

- Your bank details change
- You believe you will not be able to meet the management requirements for the year
- There is a new significant management issue that has arisen on your stewardship site
- You are considering selling your property or changing its ownership structure.

**Enclosed: Active audit report****BioBanking (Biodiversity Stewardship) Site landholder annual report & BCT audit****Audit details**

BioBanking agreement year: Year 3  
 Reporting period: 27 June 2021 to 27 June 2022  
 BCT site inspection date (if required): 30 August 2022  
 BCT Auditor: Anthony Jarvis

BioBanking agreement ID: BA 352 – Lilli Pilli  
 Landowner/site contact details: Andy Erskine – [aerskine@byron.nsw.gov.au](mailto:aerskine@byron.nsw.gov.au) – 6626 7000  
 Property address: Lilli Pilli Road, Byron Bay NSW

Management actions		Annual report (landholder to complete)	BCT annual report audit	
Management actions as per Agreement	Management item description	Actions undertaken (including completion dates) and outcomes	Action completed Yes/No/N/A	Auditor comments and recommendations
1. Management of grazing for conservation	1.1 Exclusion of grazing by Stock	Refer to Implementation of management plans below. 3 monthly inspections conducted – Refer to Site Inspection Checklist attached for 15/9/21, 8/11/21, 3/2/22, 10/6/22. No stock grazing occurring on site or within local residential area.	Yes	
	1.4 Removal of Stock when observed	N/A	N/A	
2. Weed control	2.1 Implementation of the weed management plan	Implemented - Refer to implementation of management plans in the table below and the Monitoring Report Template for weed control attached. Weed control has been significantly impacted in the first half of 2022 due to two significant flood events in February/March and continuing rainfall until June.	Yes	Weed control efforts have reduced all weed cover apart from Sagittaria which has increased in colonising drainage line following flooding. Signs of Viburnum odoratissimum popping up from neighbouring gardens.
	2.2 Review of the weed management plan	Not required before year 4 of active management.	NA	

3. Management of fire for conservation	3.1 Implementation of the fire for conservation management plan	Implemented - Refer to implementation of management plans in the table below.	N/A	
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Management actions		Annual report (landholder to complete)	BCT annual report audit	
Management actions as per Agreement	Management item description	Actions undertaken (including completion dates) and outcomes	Action completed Yes/No/N/A	Auditor comments and recommendations
	3.2 Review of the fire for conservation management plan	Not required before year 4 of active management.	NA	
4. Management of human disturbance	4.1 & 4.2 Exclusion of adverse human activities	The site was originally to be fenced along Lilly Pilly Drive adjacent residential development. Examination of the cost and the impact (loss of preferred Koala Food Trees in use) of such a fence resulted in agreement with BCT representative Don Owner, to install educational signage along this boundary instead of fencing.  Wildlife protection, reserve information and Interpretative signage in place February 2022. See attached photos in Appendix.	Yes	
	4.3 Removal of existing waste	Rubbish washed in from flood. Removal undertaken April 2022.	Yes	
	4.4 Excluding storage or disposal of rubbish	Neighbour informed re garden waste dumping over back fence. Dumped material removed. New rubbish found June 2022..	Yes	Ongoing issue being addressed. Multiple offending piles observed.
	4.5 Ongoing removal of waste	Annual check and removal undertaken 15/9/21 and 10/6/22. Bush regen team collect any rubbish during on-ground work days.	Yes	
	4.6 Installation and maintenance of fencing, gates and signage to exclude human disturbance	Biodiversity Stewardship signs, wildlife cautionary signage, reserve signage in place. Interpretative Signage installed January 2022.  The site is not fenced or gated.	Yes	
5. Retention of native vegetation	5.1 Retention of native vegetation	Minor loss of streambank vegetation due to flooding.  No native vegetation has been removed from the BSS.	Yes	

7. Retention of dead timber	7.1 Retention of dead timber	Dead timber retained on ground	Yes	
	7.2 Addition of dead timber	No dead timber was added during the management period	N/A	
Management actions		Annual report (landholder to complete)	BCT annual report audit	
Management actions as per Agreement	Management item description	Actions undertaken (including completion dates) and outcomes	Action completed Yes/No/N/A	Auditor comments and recommendations
8. Erosion control	8.1 Prevention of erosion	Ongoing weed control occurred to prevent Sagittaria re-colonising, but since recolonised from flood and inability to access site Continuing.	Yes	
9. Retention of rocks	9.1 Retention of rocks	No rocks removed during the management period.	Yes	
	9.2 Addition of rocks	No rocks brought in during the management period.	N/A	
10. Control of feral and over-abundant native herbivores	10.1 Implementation of the feral and over-abundant native herbivore management plan	Refer to implementation of management plans below.	N/A	
	10.2 Review of the feral and over-abundant native herbivore management plan	Not required before year 4 of active management.	NA	
11. Vertebrate pest management	11.1 Implementation of the vertebrate pest management plan	No vertebrate pest management plan for this site.	N/A	
	11.2 Review of the vertebrate pest management plan	N/A.	NA	
12. Nutrient control	12.1 Restricted use of fertilisers, pesticides and herbicides	No fertilisers or pesticides were used within the reserve during the management period. Herbicide use is limited due to the presence of Mitchell's Rainforest Snail. No blanket spraying was undertaken; rather spot spray, cut scrape and paint or stem injection methods are used.	Yes	

14. Maintenance or reintroduction of natural flow regimes	14.3 Excluding construction of artificial drainage or water storage structures	No artificial drainage alterations or water storage structures undertaken.	N/A	
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### Implementation of management plans

Weed management plan				Landholder to complete	BCT annual report audit	
Location	Weed species	Required actions and performance indicators	Required timing and frequency	Action undertaken (include completion dates) and performance outcomes	Action completed Yes/No/N/A	Auditor comments and recommendations
MZ1	Broadleaf paspalum	Control methods: Spot spraying, use of 'wick wiper' and hand pulling.  Performance Measures: 1. Reduce Paspalum to less than 10% of its original distribution by the end of year 3 2. Maintain paspalum at less than 10% of original distribution in perpetuity.	Three sessions per year from year 1 to year 3.	Hand weeding undertaken 02/07/21, 14/09/21 & 03/02/22. Spot spray runs 16/12/21 and 15/06/22.  Extent of Broad-leaved Paspalum in Zone 1 was reduced to less than 2% of its original distribution as surveyed in December 2021, with the species present only very sparsely along the eastern boundary with railway land. Since the flood, parts of Zone 1 are still inaccessible, and review of the species presence is required once conditions dry out.	Yes	

Other exotic grasses	Control methods: Spot spray and wick-wiper application of herbicide.  Performance Measures: 1. Reduce other introduced grasses to less than 10% of its original distribution by the end of year 3. 2. Maintain other introduced grasses at less than 10% of original distribution in perpetuity.	Four sessions per year from year 1 to year 3.	Spot spray runs 27/9/21, 8/11/21, 16/12/21 and 15/6/22.  Other introduced grasses reduced to less than 5% of original distribution as surveyed in December 2021. Follow up required following flood and extended inundation.	Yes	
Sagittaria	Controls methods: Cut and paint and hand pulling.  Performance measures:	Four sessions per year from	Hand removal undertaken 27/09/21, 16/11/21. The species was not visibly present as at 03/02/22. It has recolonised during the flood and requires hand removal	Yes	Significant outbreak of Sagittaria observed at southern end of drainage line. Containment of spread should be a priority, noting labour intensive to remove.

Weed management plan				Landholder to complete	BCT annual report audit	
Location	Weed species	Required actions and performance indicators	Required timing and frequency	Action undertaken (include completion dates) and performance outcomes	Action completed Yes/No/N/A	Auditor comments and recommendations
		1. Individuals of mature Sagittaria removed by the end of year 3. 2. Biobank site managed so that no mature individuals establish in perpetuity.	year 1 to year 3.	of mature individuals, likely on an ongoing basis while ever the species persists upstream of the reserve.		
	<i>Archontophoenix</i> sp.	Controls methods: Cut and paint and hand pulling.  Performance measures: 1. Individuals of <i>Archontophoenix</i> sp. removed by the end of year 3. 2. Biobank site managed so that no mature individuals establish in perpetuity.	Three sessions per year from year 1 to year 3.	Hand weed seedlings undertaken 02/07/21, 15/09/21, 08/11/21.  No mature Alexander Palms remained within Zone 1 as surveyed in June 2022.	Yes	

Coral berry and winter senna	<p>Controls methods: Cut and paint and hand pulling.</p> <p>Performance measures:</p> <ol style="list-style-type: none"> <li>1. Individuals of coral berry and winter senna removed by the end of year 3.</li> <li>2. Biobank site managed so that no mature individuals establish in perpetuity.</li> </ol>	Four sessions per year from year 1 to year 3.	<p>Hand pulling undertaken 2/7/21, 15/9/21, 8/11/21.</p> <p>No mature individuals of coral berry or winter senna present in Zone 1.</p> <p>Seedling management ongoing.</p>	Yes	
White passionflower	<p>Controls methods: Cut/scrape and paint, spot spraying and hand pulling.</p> <p>Performance measures:</p> <ol style="list-style-type: none"> <li>1. Individuals of white passionflower removed by the end of year 3.</li> <li>2. Biobank site managed so that no mature individuals establish in perpetuity.</li> </ol>	Four sessions per year from year 1 to year 3.	<p>Hand weed undertaken 02/07/21, 15/09/21, 08/11/21.</p> <p>No mature or semi-mature individuals of white passionflower present in Zone 1 as at December 2021.</p>	Yes	

Weed management plan				Landholder to complete	BCT annual report audit	
Location	Weed species	Required actions and performance indicators	Required timing and frequency	Action undertaken (include completion dates) and performance outcomes	Action completed Yes/No/N/A	Auditor comments and recommendations
MZ2	Bamboo	<p>Control methods: Hand removal and cut and paint stems with undiluted glyphosate.</p> <p>Performance measures:</p> <ol style="list-style-type: none"> <li>1. Small stand of Bamboo treated by the end of year 2.</li> <li>2. Biobank site managed so that no mature individuals establish in perpetuity.</li> </ol>	Four sessions per year in year 1 and year 2.	<p>Stand of bamboo occurs on neighbour's private residential land and Mitchells Rainforest Snail has been found in litter adjacent.</p> <p>Suckers and seedlings of Bamboo controlled within Zone 2 as at June 2022.</p>	Yes	Bamboo still requiring control behind residences at southern end of site.



	Broadleaf paspalum	Control methods: Spot spraying, use of 'wick wiper' and hand pulling. Performance Measures: 1. Reduce Paspalum to less than 10% of its original distribution by the end of year 3 2. Maintain paspalum at less than 10% of original distribution in perpetuity.	Three sessions per year from year 1 to year 3.	Hand weeding undertaken 02/07/21, 15/09/21, 08/11/21. Species absent from Zone 2 as at June 2022.	Yes	
	Other exotic grasses	Control methods: Spot spray and wick-wiper application of herbicide. Performance Measures: 1. Reduce other introduced grasses to less than 10% of its original distribution by the end of year 3. 2. Maintain other introduced grasses at less than 10% of original distribution in perpetuity.	Four sessions per year from year 1 to year 3.	Hand weeding undertaken 02/07/21, 15/09/21, 08/11/21. Other grass species reduced to less than 5% of original distribution in Zone 2 as at June 2022.	Yes	
Weed management plan				Landholder to complete	BCT annual report audit	
Location	Weed species	Required actions and performance indicators	Required timing and frequency	Action undertaken (include completion dates) and performance outcomes	Action completed Yes/No/N/A	Auditor comments and recommendations
	<i>Archontophoenix</i> sp.	Controls methods: Cut and paint and hand pulling. Performance measures: Weed control work will aim to achieve the following outcomes: 1. Individuals of <i>Archontophoenix</i> sp. removed by the end of year 3. 2. Biobank site managed so that no mature individuals establish in perpetuity.	Four sessions per year from year 1 to year 3.	Hand weed seedlings undertaken 02/07/21, 15/09/21, 08/11/21. No mature Alexander Palms remained within Zone 2 as surveyed in June 2022.	Yes	

	Coral berry and winter senna	<p>Controls methods: Cut and paint and hand pulling.</p> <p>Performance measures: Weed control work will aim to achieve the following outcomes:</p> <ol style="list-style-type: none"> <li>1. Individuals of coral berry and winter senna removed by the end of year 3.</li> <li>2. Biobank site managed so that no mature individuals establish in perpetuity.</li> </ol>	Four sessions per year from year 1 to year 3.	<p>Hand pulling undertaken 2/7/21, 15/9/21, 8/11/21.</p> <p>No mature individuals of coral berry or winter senna present in Zone 2 as surveyed in June 2022.</p> <p>Seedling management ongoing.</p>	Yes	
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Fire for conservation management plan			Landholder to complete	BCT annual report audit	
Location	Required actions and performance indicators	Required timing and frequency	Action undertaken (include completion dates) and performance outcomes	Action completed Yes/No/N/A	Auditor comments and recommendations
MZ1	Exclude fire	Ongoing	Fire prevention signage and reporting mechanisms in place. No prescribed burns, wildfire or arson occurred within the biobank site.	Yes	
MZ2	Exclude fire	Ongoing	Fire prevention signage and reporting mechanisms in place. No prescribed burns, wildfire or arson occurred within the biobank site.	Yes	

Vertebrate pest management plan				Landholder to complete	BCT annual report audit	
Location	Pest species	Required actions and performance indicators	Required timing and frequency	Action undertaken (include completion dates) and performance outcomes	Action completed Yes/No/N/A	Auditor comments and recommendations

All zones	Pig, fox, dog, cat	Nocturnal walk over the site	Once annually	Nocturnal walks over and around the edges of the site undertaken at dusk (7.30pm to 8.30pm) on 16 December 2021 and dawn (5.00am to 6.30am on 17 December 2021 with spotlight.  One domestic roaming dog spotted adjacent the site within railway corridor. Rangers called, caution discussion held with owner. No other ferals, or scats or damage attributable to ferals, located. Swamp wallabies and Koala present.	Yes	
	Pig, fox, dog, cat	Record visual evidence of pest activity	Once annually	As above.	Yes	
	Pig, fox, dog, cat	Ground baiting program	As required in response to monitoring outcomes.	Not required.  Difficult to gain approval under Pesticides Act due to proximity to residential area.	Yes	

Additional site inspection or monitoring requirements				
Management actions		Landholder to complete	BCT annual report audit	
Description of additional site inspection or monitoring requirement	Required timing and frequency	Completion dates, observations, actions undertaken and outcomes	Action completed Yes/No/N/A	Auditor comments and recommendations
Sampling of photo-points in accordance with Section 1.2 of Annexure D of the agreement.	Every 12 months	Photo-points sampled June 2022 – see attached Year 3 photo monitoring report. One site underwater and unable to be sampled.	Yes	No stakes at PP. Stakes to be installed at PP (A, B & C) as a minimum for ongoing reports.

Inspections to record grazing by Stock in accordance with Section 1.3 of Annexure D of the agreement.	Every 3 months	Inspections undertaken by observation on each occasion bush regenerators were on site. See attached Site Record sheet.  No grazing or stock presence on site or within the surrounding residential area.	Yes	
Inspections to document human disturbance, erosion or waste in accordance with Section 1.3 of Annexure D of the agreement.	Every 6 months	Inspections undertaken 16 December 2021 and 10 June 2022.  Minor creek line erosion near Old Bangalow Road due to flooding.	Yes	
Inspection to document the condition of fences and gates in accordance with Section 1.3 of Annexure D of the agreement.	Every 12 months	N/A - There are no fences or gates surrounding the reserve.  Internal fence removed Year 2.	Yes	
Submission of diary and monitoring report templates	Every 12 months	See attached report templates.	Yes	

#### Details of incidents or events that have had an adverse effect on biodiversity values on biobank site (landholder to complete)

Description of incident or event (e.g. natural events)	Action taken and/or recommended actions
Significant flooding occurred in late February and early March 2022.	Recommended Actions: <ul style="list-style-type: none"> <li>• Monitor minor creek bank erosion for stability and plant coverage, replant toe with Lomandra if worsens.</li> <li>• Intensify removal efforts for mature Sagittaria washed in during flood to prevent increase in area of establishment as the site becomes accessible.</li> <li>• Introduce biological control agent for Salvinia.</li> <li>•</li> </ul>

#### Any other comments or observations regarding the biobank site

Please include any additional photos from site visits, along with any comments / observations See attached photos of overall condition and signage.

### Landholder Annual Report signature and declaration


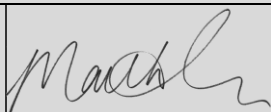
I hereby declare that the information supplied in this report is accurate and complies with the reporting requirements under item 2 of Annexure D to the BioBanking Agreement.

All landowners must sign this annual report. If the land that forms the Biodiversity Stewardship Site is owned by multiple persons landowners may confirm in writing to the BCT that another person can complete and submit the annual report on their behalf.

Please submit a signed PDF version and a word version of your Annual Report submission to the BCT

Signed  <div style="text-align: center;">Refer DOC22/777427</div>	Signed
Date	Date

### BCT Approval of Recommendation

Signature of auditor:		Authorisation signature:	
Name of auditor:	Anthony Jarvis	Name of authorising officer:	Matt Carr
Position of auditor:	Regional Conservation Officer	Position of authorising officer:	Regional Manager North Coast
Date:	01 September 2022	Date:	2/9/2022