

Emerald Hills Estate Residential Development  
EPBC 2013/6999

Annual Compliance Report 2025/2026

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**Macarthur Developments**

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## DOCUMENT TRACKING

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## ACKNOWLEDGEMENTS

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Template 2.8.1

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## 1. Introduction

On 3 August 2015, a delegate of the Minister administering the *Environment Protection and Biodiversity Conservation Act 1999* (EPBC Act) approved the Emerald Hills Estate residential development, Leppington, New South Wales (EPBC 2013/6999). The approval holder is Macarthur Developments Pty Ltd.

Condition 13 of EPBC 2013/6999 requires that

*Within three months of every 12 month anniversary of the commencement of the action, the approval holder must publish a report on their website addressing compliance with each of the conditions of this approval, including implementation of any management plans as specified in the conditions. Documentary evidence providing proof of the date of publication and non-compliance with any of the conditions of this approval must be provided to the Department at the same time as the compliance report is published.*

The action was commenced on 27 January 2016 and therefore annual reporting is required by the 27<sup>th</sup> April of each year. On the 16 February 2026, the Commonwealth varied the conditions attached to the approval:

- Condition 10 was varied to allow the NSW Office of Environment and Heritage to approve management plans rather than the Minister.
- Condition 13 was varied to state that the final annual report required by conditions is this 2025/2026 annual report.

## 2. Compliance reporting

**Table 1: Conditions of approval**

Condition No.	Condition	Compliance Y/N	Date Due	Complete	Details
1	The approval holder must not clear more than 20.5 hectares (ha) of CPW, as identified in Annexure A, Figure 1 as 'Development', from within the Emerald Hills Estate.	Y	Life of Project	Y	The development is complete. All vegetation allowed to be cleared (20.5 ha) was removed. Development was undertaken within the approved boundaries.
2	Prior to commencement of the action, the approval holder must commence management of the Emerald Hills Estate Offset (including the installation of fencing and signage, removal of stock, weed management erosion control, ecological burns, rubbish removal, vertebrate pest management and revegetation of cleared areas) as per the NSW OEH approved management plan for the Emerald Hills Estate Offset required by Condition 7.	Y	Prior to commencement and life of the project	Y	<p>The action commenced on the 27 January 2016.</p> <p>The Emerald Hills management plan is contained within BioBank Agreement 159 which was approved on 2 December 2015. Management of the Emerald Hills Estate Offset commenced in late 2015, which was prior to the commencement of the action. Evidence for management is:</p> <p><b>Appendix A</b> is an invoice dated 31 January 2016 for \$3,369 for weed and fauna control. Eco Logical Australia invoice at the end of each month and therefore the work would have been undertaken before the commencement of the action on 27<sup>th</sup> January 2016.</p> <p><b>Appendix B</b> contains a work log from 17 December 2015.</p>
3	To compensate for the loss of CPW, prior to the commencement of any stage within stages 4 to 11 of the action or no later than the 31 December 2015 (whichever is earlier), the approval holder must retire all credits under the BioBanking agreement for the Emerald Hills Estate Offset, containing no less than 20.2 ha of CPW, as identified in Annexure A, Figure 1. The approval holder must provide written evidence to the Department of the retirement of these credits prior to the commencement of any stage within stages 4 to 11 of the action or no later than the 31 December 2015 (whichever is earlier).	N	Prior to the commencement of any stage within stages 4 to 11 or no later than 31 December 2015	Y	<p>The action commenced on the 27 January 2016.</p> <p>The Emerald Hills BioBank Agreement credits were retired on 2 December 2015 (<b>Appendix C</b>). This included 207 ecosystem credits and 120 species credits.</p> <p>The BioBank Agreement applies to 20.13 ha. This consists of 16.57 ha of Cumberland Shale Plains Woodland and 3.56 ha of Cumberland Shale Hills Woodland. The Commonwealth approved requires protection of 20.2 ha of Cumberland Plain Woodland. As the BioBank Agreements have always been over the same area, it is possible that the 20.2 ha quoted in the</p>

Condition No.	Condition	Compliance Y/N	Date Due	Complete	Details
					<p>approval is due to rounding to one decimal place as follows: 16.57 ha rounds to 16.6 ha and 3.56 ha rounds to 3.6 ha, hence a total of 20.2 ha.</p> <p>The approval holder no longer has a record of the notification of the above.</p>
4	<p>prior to commencement of any stage within stages 4 to 11 of the action the approval holder must retire all ecosystem credits under the BioBanking agreement for the Hardwicke Offset, containing no less than 21.7 ha of CPW as identified in Annexure B, Figure 2. The approval holder must provide written evidence to the Department of the retirement of these credits prior to the commencement of any stage within stages 4 to 11 of the action.</p>	N	Prior to project commencement of any stage within stages 4 to 11	Y	<p>Stage 4 Civil Works were approved by Council on 28<sup>th</sup> July 2017. A civil contractor invoice was received at the end of August 2017, so the commencement date is likely to have been early August 2017.</p> <p>The Hardwicke BioBank Agreement applies to 56.58 hectares and generated 676 credits at an average of 11.9 credits per hectares. Protecting 21.7 ha of CPW would therefore require a minimum 258 credits to be retired.</p> <p>The Credit Retirement Report dated 1 August 2017 shows that 263 credits were retired from Statement ID 168. See <b>Appendix D</b>. This exceeds the requirement by 5 credits.</p> <p>The approval holder does not have a record of when the written evidence was provided to the Department.</p>
5	<p>In addition to the BioBank funding required for Hardwicke Offset to be described in the BioBanking agreement, the approval holder must spend a minimum of \$217,000 treating <i>Olea europaea</i> subsp. <i>Cuspidata</i> (African Olive) and other invasive weeds in the Hardwicke Offset. These additional works are to commence prior to the commencement of the action and the money spent within two years of commencement of works.</p>	N	Prior to project commencement	Y	<p>The action commenced on the 27 January 2016.</p> <p>Weed management works were undertaken with the earliest invoice being 15/04/16 for \$5,396 (see Attachment E). The weed management works therefore were not commenced prior to the commencement of the action.</p> <p><b>Appendix E</b> contains an example of one of many invoices relating to weed management works, including primary woody weed control, grassy weed control. Invoices from Eco Logical Australia total \$274,999, which exceeds the \$217,000 required under this condition. As discussed in Condition 7 below, some of the invoices may be attributed to early implementation of the BioBank management plan.</p>

Condition No.	Condition	Compliance Y/N	Date Due	Complete	Details
6	<p>For the offset sites identified in Conditions 3 and 4, a copy of the BioBanking agreements for the offset sites must be provided to the Department within 30 days of the BioBanking agreements being signed by NSW OEH and:</p> <p>a) prior to commencement of the action for the BioBanking agreement for the Emerald Hills Estate Offset;</p> <p>b) prior to commencement of any stage within stages 4 to 11 of the BioBanking agreement for the Hardwicke Offset.</p>	N	Within 30 days of the BioBanking agreements being signed by NSW OEH	Y	<p>The Biobanking Agreement 159 (Emerald Hills Estate offset site) was signed on 2 December 2015 and a copy was provided to the department on 28 October 2016. This was overdue by 9 months and was after commencement of the action on 27 January 2016.</p> <p>The Biobanking Agreement 168 (Hardwicke offset site) was signed on 15 March 2017 and a copy was provided to the department on 1 September 2017. This was overdue by 5 months and after stages 4 to 11 commenced in early August 2017.</p>
7	<p>To ensure the ongoing conservation management of CPW within offset site required by Conditions 3 and 4, the approval holder must submit to the Minister a management plan(s) for the Emerald Hills Estate Offset and the Hardwicke Offset. The management plans must:</p> <p>a) be prepared in accordance with the requirements of the BioBanking Agreement</p> <p>b) be approved by NSW OEH prior to being submitted to the Minister;</p> <p>c) be implemented within one month of their approval by NSW OEH; and</p> <p>d) be submitted to the Minister prior to commencement of the action for the Emerald Hills Estate Offset management plan and prior to the commencement of any stage within stages 4 to 11 of the action for the Hardwicke Offset management plan.</p>	Y	Has been approved by NSW OEH	Y	<p>Management plans for both off-set sites are contained within the BioBank Agreements 159 and 168.</p> <p><b>Emerald Hills</b></p> <p>Biobanking Agreement 159 (Emerald Hills Estate offset site) was signed on 2 December 2015. A copy was provided to the Commonwealth on 28 October 2016. This was overdue by 9 months and was after commencement of the action on 27 January 2016.</p> <p><b>Appendix F</b> is an extract from the Emerald Hills BioBank Site (ID #159) Annual Report for the first year of implementation. The extract shows weed control works being undertaken on 17/12/2015 (ie, within 2 weeks of the BioBank agreement being signed).</p> <p><b>Hardwicke</b></p> <p>The Biobanking Agreement 168 (Hardwicke offset site) was signed on 15 March 2017 and a copy was provided to the department on 1 September 2017. This was overdue by 5 months and after stages 4 to 11 commenced in early August 2017.</p>

Condition No.	Condition	Compliance Y/N	Date Due	Complete	Details
					<b>Appendix G</b> is an invoice from Eco Logical Australia for weed management works on the Hardwicke BioBank site undertaken prior to the 24/04/2017. This attachment also contains a daily worklog from the Hardwicke site dated 29 March 2017, providing evidence that the BioBank Agreement was being implemented within one month of approval by OEH.
8	To prevent the occurrence of dieback by <i>Phytophthora cinnamomi</i> on site and to mitigate potential impacts to the CPW to be retained in the Emerald Hills Estate Offset, the approval holder must ensure that appropriate hygiene measures are undertaken during construction, in accordance with the threat abatement plan (and associated background paper) for disease in natural ecosystems caused by <i>Phytophthora cinnamomi</i> .	Y	During construction	Y	Hygiene measures for <i>Phytophthora cinnamomi</i> were implemented. See photos of sediment controls to prevent runoff in <b>(Appendix B)</b> .
9	The approval holder must provide additional information which fully describes the offset sites specified in Condition 3 and Condition 4, including offset attributes and shapefiles, prior to the commencement of the action.	N	Prior to commencement	Y	Biobanking agreements 159 and 168 were provided to the Commonwealth. The agreements contain description of the biodiversity values and the measures to be taken to protect and manage those values. Shapefiles of the site boundaries were provided to the Commonwealth on 3 June 2019 (Hardwicke) and 14 March 2025 (Emerald Hills). These dates were after the commencement of the action.
10	Until such time as the management plan(s) for the Emerald Hills Estate Offset and the Hardwicke Offset have been approved by NSW OEH, the approval holder must manage the offsets in the manner described in the Preliminary Documentation.	Y	Prior to commencement until approval of the management plan for the offsets are approved.	Y	The Controlled Action was approved by a delegate of the Minister on 3 August 2015. The Emerald Hills BioBank agreement was signed on the 2 December 2015. As shown in the Emerald Hills BioBank Annual Report, management of the site commenced in December 2015. The approval holder is unable to find any works orders or invoices from that period, however to the best knowledge

Condition No.	Condition	Compliance Y/N	Date Due	Complete	Details
					<p>of the Approval Holder, no detrimental activities took place during that period.</p> <p>Regarding the Hardwick site, there was approximately 19 months between the approval of the Controlled Action and the approval of the BioBank Agreement. In that time weed control was commenced in accordance with Condition 5.</p>
<b>Standard Conditions of Approval</b>					
11	Within 30 days after the commencement of the action, the approval holder must advise the Department in writing of the actual date of commencement.	N	30 days following commencement of action	Y	The action commenced 27 January 2016. Notification was due by 27 February. The Commonwealth was notified on the 18 March 2016, which was late by less than one month.
12	The approval holder must maintain accurate records substantiating all activities associated with or relevant to the conditions of approval, including measures taken to implement all management plans required by this approval, and make them available upon request to the Department. Such records may be subject to audit by the Department or an independent auditor in accordance with section 458 of the EPBC Act, or used to verify compliance with the conditions of approval. Summaries of audits will be posted on the Department's website. The results of audits may also be publicised through the general media.	N	Ongoing	Y	Whilst the on-ground outcomes intended by the conditions has been achieved, the record keeping requirements have not been fully met, including evidence of when the Department was notified regarding implementation of measures.
13	Within three months of every 12 month anniversary of the commencement of the action, the approval holder must publish a report on their website addressing compliance with each of the conditions of this approval, including details on the implementation of required management actions, and the implementation of any management plans as specified in the conditions. Documentary evidence providing proof of the date of publication and non-	N	Ongoing - report due April 2020	Y	The last annual report prepared was for 2019/2020. <b>Attachment I</b> is a screen shot showing the website displaying the most recent EPBC Annual Compliance Report 2019-2020. That report recommended that compliance reporting cease as the development was complete, however due to staff changes the approval holder was under the incorrect assumption that no further reporting was required. Since then annual reports have not been submitted.

Condition No.	Condition	Compliance Y/N	Date Due	Complete	Details
	compliance with any of the conditions of this approval must be provided to the Department at the same time as the compliance report is published. The final report that must be published in accordance with this condition is the 2025/2026 report.				As per the condition, this Annual Report 2025/2026 is to be the final report.
14	Upon the direction of the Minister, the approval holder must ensure that an independent audit of compliance with the conditions of approval is conducted and a report submitted to the Minister. The independent auditor must be approved by the Minister prior to the commencement of the audit. Audit criteria must be agreed to by the Minister and the audit report must address the criteria to the satisfaction of the Minister.	N/A	-	N/A	The Minister has not directed the approval holder to conduct an independent audit. The Commonwealth DCCEEW undertook an audit of the approval conditions in 2025.
15	If the approval holder wishes to carry out any activity otherwise than in accordance with any management plan as specified in these conditions, the approval holder must submit to the Department for the Minister's written approval a revised version of the relevant management plan(s). The varied activity shall not commence until the Minister has approved the varied management plan(s) in writing. The Minister will not approve a varied management plan(s) unless the revised management plan(s) would result in an equivalent or improved environmental outcome over time. If the Minister approves the revised management plan(s), that management plan(s) must be implemented in place of the management plan(s), originally approved.	N/A	-	N/A	The approval holder has not sought to undertake activities otherwise than in accordance with the approved plans.

Condition No.	Condition	Compliance Y/N	Date Due	Complete	Details
16	If the Minister believes that it is necessary or convenient for the better protection of CPW to do so, the Minister may request that the approval holder make specified revisions to any management plan specified in these conditions, and submit the revised management plan(s) for the Minister's written approval. The approval holder must comply with any such request. The revised approved management plan(s) must be implemented. Unless the Minister has approved the revised management plan(s), then the approval holder must continue to implement the management plan(s) originally approved.	N/A	-	N/A	The Minister has not directed the approval holder to make revisions to the management plans.
17	If at any time after five (5) years from the date of this approval, the approval holder has not commenced the action, then the approval holder must not commence the action without the written agreement of the Minister.	Y	-	Y	The action commenced on 27 January 2016, which was within 6 months of the approval being granted.
18	Unless otherwise agreed to in writing by the Minister, the approval holder must publish all the management plans referred to in these conditions of approval on their website. Each management plan must be published on the website within one (1) month of being approved.	Y	1 month prior to approval	Y	The Management Plans for both BioBank Agreements (159 and 168) are publicly available at the NSW Public Register of BioBank Agreements. <a href="#">Search for biobanking agreement</a>



## Appendix A Invoice for works at Emerald Hills

## Tax Invoice



ABN: 87 096 512 088

Project:1931 : Emerald Hills Bio bank Implementation

Bill To  
 Hazcorp Development P/L and Taurus  
 Development P/L trading as Emerald Hills Estate  
 PO Box 373  
 Narellan 2567  
 Australia

Attention:  
 Accounts Payable

Project Manager	Contract PO #	Invoice Date	Due Date	Invoice No
Price, Paul		31/01/2016	14/02/2016	HAR0305

Item	Amount
Weed & Fauna Control	\$3,063.00

Subtotal \$3,063.00

GST \$306.30

**Due on 14/02/2016**

Total \$3,369.30

## PAYMENT OPTIONS

## Electronic Funds Transfer

Account Name:Eco Logical Australia Pty Ltd  
 Bank: Commonwealth Bank  
 BSB: 062 607  
 Account No: 10087113  
 Reference: HAR0305

Please send all remittance advice to: [accounts@ecoaus.com.au](mailto:accounts@ecoaus.com.au)

## Cheque

Please forward payment to:  
 Accounts Department  
 Eco Logical Australia Pty Ltd  
 PO Box 12  
 Sutherland NSW 1499

## Credit card

Please phone 02 8536 8600 to arrange payment by Visa or MasterCard.  
 Note a 2% surcharge will apply.

A 5% handling fee and interest charges may apply if this account is not  
 paid on time.

You can contact us on 1300 646 131

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## Appendix B Work log for Emerald Hills



2 attachments (430 KB) Save all to OneDrive - Tetra Tech, Inc Save All Attachments

**Project number:** 1931

**Project name :** Emerald Hills

**PM:** Paul Price

**PM email:** paulp@ecoaus.com.au

**Team Leader:** Other

**TL email:** Other

**Date:** 2015-12-17

**Day:** Thursday

**Time commenced on site:** 07:00:39

**Location on map:** <http://maps.google.com/?q=-33.986011,150.802315>

**Team members:** Name,Stockheim Helena,Walker Ryan,Gregor Michael

**Tool Box Talk required:** yes

**Relevant SOPs - ADD RELEVANT:** Chemical use SOP,Chainsaw SOP

**Relevant SWMS signed and sighted by all staff:** yes

**Potential hazards to consider:** Chemical handling / use,Working near roadsides,Cutting machinery,Manual handling,Slips/trips,Falling objects,Fatigue,Heat/Cold/Rain,Hazardous Flora/Fauna,Threatened Flora/Fauna

**Ready for work (Save CHANGES, Don't SUBMIT yet):** yes

**Works undertaken on site:** Follow up weeding : annuals and small woody weeds,Woody weed control : Chainsaw,Spot spraying

**Requirements for next visit:** Urgent revisit required - address issue

**Issues or incidents:** More needle grass identified at South edge of Zone 1, near gate

**Total team hours worked on site:** 22.8

**Time work completed on site:** 15:00:23

**Form completed including sub forms (Now hit SUBMIT):** yes

### Management area 1 works

- **Name and description:** Management Zone 1

**Planting:**

**Mulching:**

**Other works:**

#### Weed control

- **Weed control type 3:**

##### Weed control type 1

- **Weed control description:** Cut and paint
- Weed type(s):** African olive *Olea europaea* subspecies *cuspidata*
- Chemicals used :** Roundup Biactive 360g/L
- Volume used (L):** 2
- Weed Control type 1 hours:** 1

##### Weed control type 2

- **Weed control description:** Hand removal,Spot spray
- Weed type(s):** Chilean Needlegrass *Nassella neesiana*
- Chemicals used :** Roundup Biactive 360g/L,Pulse,Big Foot dye : Red
- Volume used (L):** 1
- Weed Control type 1 hours:** 1

### Management area 2

- **Name and description:** Management Zone 2

**Planting:**

**Mulching:**

**Other works:**

#### Weed control

- **Weed control type 3:**

##### Weed control type 1

- **Weed control description:** Hand removal,Spot spray
- Weed type(s):** Chilean Needlegrass *Nassella neesiana*
- Chemicals used :** Roundup Biactive 360g/L,Pulse,Big Foot dye : Red
- Volume used (L):** 1
- Weed Control type 1 hours:** 17

## Appendix C – Emerald Hills Credit retirement



### Credit retirement report

**Effective date:** 02-December-2015  
**Transaction number:** 201512-RT-134  
**Credit owners' details**  
**Credit owner ID:** 193  
**Name of credit holder:** DA and I Pty Ltd  
**Other owner(s):**  
 No other owners  
**Reason for retirement:** Retirement for development approval



Page 1 of 3

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)
152	1,938	159	HN529	HN529/Grey Box - Forest Red Gum grassy woodland on shale of the southern Cumberland Plain, Sydney Basin Bioregion	Cumberland - Hawkesbury/Nephean	11-30%	>100 ha	GRW
19	1,939	159	HN529	HN529/Grey Box - Forest Red Gum grassy woodland on shale of the southern Cumberland Plain, Sydney Basin Bioregion	Cumberland - Hawkesbury/Nephean	11-30%	>100 ha	GRW
36	1,983	159	ME019	ME019/Grey Box - Forest Red Gum grassy woodland on shale of the southern Cumberland Plain, Sydney Basin Bioregion	Cumberland - Sydney Metro	>70%	>100 ha	GRW

Species credit(s) retired					
Number of credits	Credit profile ID	Agreement ID	Species type	Scientific name	Common name
99	319	159	Fauna	Meridolum carneovirens	Cumberland Plain Land Snail
21	320	159	Fauna	Meridolum carneovirens	Cumberland Plain Land Snail

## Appendix D Hardwicke BioBank Credit Retirement



### Credit retirement report

**Effective date:** 01-August-2017  
**Transaction number:** 201708-RT-208  
**Credit owners' details**  
     **Credit owner ID:** 193  
     **Name of credit holder:** DA and I Pty Ltd  
     **Other owner(s):**  
         **Owner ID:** 206  
         **Name of owner:** South West Land Holdings P/L, D. Vitocco Constructions P/L, Petroica P/L, Palolem P/L  
**Reason for retirement:** To satisfy obligations under the Emerald Hills Biodiversity Certification and EPBC approval.



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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)
263	2,001	168	HN529	HN529/Grey Box - Forest Red Gum grassy woodland on shale of the southern Cumberland Plain, Sydney Basin Bioregion	Cumberland - Hawkesbury/Nepolean	>70%	>100 ha	GRW

## Appendix E Invoice for weed management at Hardwicke

## Tax Invoice



ABN: 87 096 512 088

Project:2248 : Hardwicke, BB1 Year 1 Implementation

Bill To Attention:  
 Hazcorp Development P/L and Taurus Accounts Payable  
 Development P/L trading as Emerald Hills Esta  
 PO Box 373  
 Narellan 2567  
 Australia

Project Manager	Contract PO #	Invoice Date	Due Date	Invoice No
Brennan, David		15/04/2016	29/04/2016	HAR0360

Item	Amount
Primary woody weed control	\$4,380.00
Disbursements - General Consumables	\$526.00
	<b>Subtotal \$4,906.00</b>
	<b>GST \$490.60</b>
<b>Due on 29/04/2016</b>	<b>Total \$5,396.60</b>

## PAYMENT OPTIONS

**Electronic Funds Transfer**  
 Account Name: Eco Logical Australia Pty Ltd  
 Bank: Commonwealth Bank  
 BSB: 082 807  
 Account No: 10087113  
 Reference: HAR0360

Please send all remittance advice to: [accounts@ecoaus.com.au](mailto:accounts@ecoaus.com.au)

**Cheque**  
 Please forward payment to:  
 Accounts Department  
 Eco Logical Australia Pty Ltd  
 PO Box 12  
 Sutherland NSW 1499

**Credit card**  
 Please phone 02 8536 8800 to arrange payment by Visa or MasterCard.  
 Note a 2% surcharge will apply.

A 5% handling fee and interest charges may apply if this account is not paid on time.

You can contact us on 1300 646 131  
 NSW | ACT | QLD | WA | NT

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## Appendix F Emerald Hills BioBank implementation commencement

Emerald Hills BioBank Annual Report Year 1

### 3.2 Diary for weed control management

Date	Management zone/s	Description and type of activity undertaken (e.g. weed control, observation)	Minor variations (details and reasons)
17/12/2015	MZ1, MZ2	Weed control: Woody weed control in MZ 2. Cut and paint using a neat Clear Up Bio Roundup Biactive (Glyphosate 360g/L). Target <i>Olea europaea</i> subspecies <i>cuspidata</i> . Weed control: annual weeds and perennial grass control in MZ1 and MZ2. Hand removal/spot spray using Clear Up Bio Roundup Biactive (Glyphosate 360g/L) at a dilution rate of 10ml/Litre. Target <i>Nassella neesiana</i>	Targeted control of <i>Nassella neesiana</i> . Not previously recorded on site. Seeds removed prior and placed under black plastic to solarize.
21/01/2016	MZ1	Weed control: annual weeds and perennial grass control in MZ1. Hand removal/spot spray using Clear Up Bio Roundup Biactive (Glyphosate 360g/L) at a dilution rate of 10ml/Litre. Targets include <i>Senecio madagascariensis</i> , <i>Cirsium vulgare</i> , <i>Sida rhombifolia</i> , <i>Setaria parviflora</i> and <i>Paspalum dilatatum</i> .	
10/02/2016	MZ1, MZ2, MZ3	Weed control: Woody weed control in MZ 2. Cut and paint using a neat Clear Up Bio Roundup Biactive (Glyphosate 360g/L). Target <i>Olea europaea</i> subspecies <i>cuspidata</i> . Weed control: annual weeds and perennial grass control in MZ1 and MZ3. Hand removal/spot spray using Clear Up Bio Roundup Biactive (Glyphosate 360g/L) at a dilution rate of 10ml/Litre. Targets include <i>Eragrostis curvula</i> , <i>Olea europaea</i> subspecies <i>cuspidata</i> , <i>Cirsium vulgare</i> , <i>Olea europaea</i> subspecies <i>cuspidata</i> , <i>Coryza bonariensis</i> , <i>Setaria parviflora</i> and <i>Paspalum dilatatum</i> .	

## Appendix G Evidence of work at Hardwicke

## Tax Invoice



ABN: 87 096 512 088

Project:2248 : Hardwicke, BB1 Year 1 Implementation

## Bill To

Hardwicke Partners  
C/- Macarthur Developments  
PO Box 1010  
Narellan NSW 2567

## Attention:

Project Manager	Contract PO #	Invoice Date	Due Date	Invoice No
Brennan, David		24/04/2017	08/05/2017	HAR0647

Item	Amount
Project Management & Liaison	\$540.00
Site set up costs	\$7,072.00
Disbursements / consumables	\$4,235.00
Primary woody weed control	\$3,564.00

Subtotal \$15,411.00

GST \$1,541.10

**Due on 08/05/2017**

Total \$16,952.10

## PAYMENT OPTIONS

## Electronic Funds Transfer

Account Name:Eco Logical Australia Pty Ltd  
Bank: Commonwealth Bank  
BSB: 062 807  
Account No: 10087113  
Reference: HAR0647

Please send all remittance advice to: [accounts@ecoaus.com.au](mailto:accounts@ecoaus.com.au)

## Cheque

Please forward payment to:  
Accounts Department  
Eco Logical Australia Pty Ltd  
PO Box 12  
Sutherland NSW 1499

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**Project number :** 2248  
**Project name :** Hardwick  
**PM:** David Brennan  
**PM email:** davidbrennan@ecoaus.com.au  
**Team Leader:** Russell Eagles  
**TL email:** russelle@ecoaus.com.au  
**Date:** 2017-03-29  
**Day:** Wednesday  
**Time commenced on site:** 08:00:02  
**Location on map:** <http://maps.google.com/?q=-34.046935,150.584414>  
**Team members:** Ryan Walker, Michael Gregor, Nick Arends, Stephen Oldfield, Harley Wang, James Thomas  
**Likely higher risk conditions for works:** Working slope is greater than 1:3, Terrain/Access is difficult or complex  
**Likely hazards for works:** Chemical handling / use, Working near roadsides, Cutting machinery, Manual handling, Slips/trips, Fall from height, Falling objects, Fatigue, Noise, Phone coverage, Hazardous Flora/Fauna  
**Pre-existing conditions:** No  
**Relevant SOPs :** Chemical use, Chainsaw, Bogged Vehicle, Working on Roadsides  
**Relevant SWMS signed and sighted by all staff?:** yes  
**Tool Box Talk Completed?:** yes  
**Ready for work?:** yes

#### MANAGEMENT AREA 1

- **Name and description:** Proposed burn zone, east side  
**Weed control?:** yes

##### Weed control

###### ◦ Weed control type 1

- **Weed control description:** Cut and paint, Primary  
**Weed type(s):** African olive *Olea europaea* subspecies *cuspidata*  
**Chemicals used :** Glyphosate 360g/L (ClearUp Bio Roundup Blactive)  
**Volume used (L):** 3  
**Weed Control type 1 hours:** 52.7

###### Weed control type 2:

**Planting?:** no  
**Mulching?:** no  
**Other works?:** no  
**Works undertaken in additional areas?:** no

#### Works summary and signoff

- **Summary of works undertaken on site:** Woody weed control : Chainsaw  
**Issues or incidents:**  
**Requirements for next visit:** Schedule revisit required - maintenance only  
**Total team hours worked on site:** 52.7  
**Time work completed on site:** 14:30:24

**Form completed including sub forms :** yes  
**Device ID:** iPad\_BC618529-9514-4242-9E66-E846B183D5EC

**Username:** Ryan Walker

**Submitted at:** 2017-03-29 20:38:14 +11:00

## Appendix H Site photos



Figure 1: *Phytophthora cinnamomi* controls



Figure 2: *Phytophthora cinnamomi* controls along the boundary of the BioBank site



**Figure 3: *Phytophthora cinnamomi* controls preventing runoff from the development footprint into the BioBank Site**

## Appendix I Website evidence of publication



### Step 1-3. Land Purchase and Exchange of Contracts

Unfortunately, Emerald Hills Estate is now fully sold out. There will be no further land releases.

Contracts have been exchanged with successful purchasers on all remaining registered and unregistered land at Emerald Hills Estate.

### Step 4. Land Registration

This section applies to purchasers of unregistered land. Construction of all remaining Lots has commenced and following completion, the Lots will be formally registered with the NSW Land Registry (LRS).

[www.emeraldhillsestate.com.au/assets/pdf/EHE-EPBC-Annual-Compliance-report-2019-2020-v1.pdf](http://www.emeraldhillsestate.com.au/assets/pdf/EHE-EPBC-Annual-Compliance-report-2019-2020-v1.pdf)



