



One Environment

Avonvale & Cherry Gully Stations
Offset Area Annual Report – August 2022



Background

The purpose of this Offset Area Annual Report (OAAR) is to provide an update on the status of the offset obligations under the EPBC2015/7530 approval issued by the Department of Climate Change, Energy, the Environment and Water (DCCEEW) (formerly the Department of Agriculture, Water and the Environment (DAWE)) on 5 February 2020.

The Avonvale and Cherry Gully Station offset was established in 2020 as part of the *Environment Protection and Biodiversity Conservation Act 1999* (EPBC Act) approval associated with the residential development located at Undullah, Queensland to offset the impacts on Matters of National Environmental Significance (MNES) occurring as part of the development.

The historic Avonvale and Cherry Gully Station is a privately owned 1,718 ha property that dates back to the early 1900s, where early land uses included cattle grazing and timber harvesting. In recent history, the property has been home to a successful cattle grazing and beef farming enterprise, with an active feedlot permit allowing between 1,000 to 10,000 animals. The Avonvale and Cherry Gully Station is located on Littles Road, Toogoolawah. The property is within the Somerset Regional Council (SRC) and is approximately 5.8 km west of the Toogoolawah township.

As per the updated Offset Area Management Plan (OAMP), the annual reporting anniversary for the offset area is 31 August. It is important to note that this OAAR covers the period from the issuing of the EPBC approval (5 February 2020) until 31 August 2022 (herein referred to as 'offset reporting period'). From here onwards, the OAAR will be issued and published on the proponent's website within 40 business days of 31 August for the life of the approval, as per Condition 9 of the approval.



Photo 1: Koala (*Phascolarctos cinereus*) observed on the offset property

Project Snapshot – August 2022

1,131.50 ha legally secured via Voluntary Declaration for the purposes of conservation

Baseline weed and feral animal abundance surveys completed and findings integrated into the amended OAMP

OAMP amended to incorporate the baseline survey results and a detailed program to monitor and report on the progress of the ecological outcomes

Removal of all livestock from the entirety of the Cherry Gully and Avonvale Stations

Establishment of irrigation connections and water sources for the restoration activities

Planting of ~85,000 native tube-stock plants

Direct revegetation and assisted revegetation of >300 ha of land within EMZ 3 and EMZ 4

Ivory Creek stabilisation and flood mitigation works

Commencement of pest and weed management activities

Consultation of wildfire management works with the Queensland Rural Fire Service

Consultation of the offset activities with the adjoining landholders

Offset Commitments / Management Actions

The approved offset area covers the dominant portions of the landholdings associated with the Avonvale and Cherry Gully Station property. The offset area was designed to consolidate existing and mixed habitat values on the western portion of both Avonvale and Cherry Gully and provide reconnected habitat to and along riparian gullies and on high moisture alluvial soils. Broadly areas selected as part of the offset achieve one of the following outcomes:

- Preservation of existing remnant aged Koala and Grey-headed Flying-fox habitat.
- Expansion and consolidation of remnant habitat areas with mixed quality regrowth vegetation enhanced through a range of rehabilitation measures.
- Habitat recreation by revegetating cleared land into habitat in logical infill locations to maximise the area and width of dedicated offset land.
- Habitat recovery and re-connection through strategically located restoration and revegetation along site waterways, gullies and alluvial soils. Reinstating and enhancing waterway habitat also provides for direct wildlife connectivity between on / off-site habitat tracts to the east and west of the Ivory Creek Corridor.

There are 9 categories of actions listed as relevant and required through the Avonvale and Cherry Gully offset area. Although in many actions there is overlap primarily the specific tasks can be considered to either reduce or remove an existing threat or improve or create new habitat opportunities. Some actions apply specifically to the Koala species and others are designed to improve habitat and outcomes for both Koalas and Grey-headed Flying Fox. Some actions are limited to acute or specific locations, others apply to the entire offset area and selected actions will apply to the entire land holding, inclusive of areas retained for grazing.

Management Actions which are to be completed across the offset area in accordance with the OAMP include:

- Management Action 1: Vertebrate Pest Management
- Management Action 2: Weeds of National Significance (Reduction & Management)
- Management Action 3: Stock Management
- Management Action 4: Access Management, Trespass and Neighbouring Stock Mustering Controls
- Management Action 5: Wildfire Management
- Management Action 6: Flooding, Erosion and Sedimentation Management
- Management Action 7: Native Seed Collection & Propagation
- Management Action 8: Regeneration & Rehabilitation Management
- Management Action 9: Revegetation (Habitat Creation) Activities

It is important to note that Management Action 9 (Revegetation (Habitat Creation) Activities) contains two distinct sub-actions being:

1. Direct revegetation activities; and
2. Assisted revegetation activities.

Direct Revegetation Activities

Areas which have been certified as having undergone 'direct revegetation activities' have been subject to the following revegetation works:

- Mechanical ripping of planting locations;
- Mechanical weed removal and blanket spraying; and
- Wholesale planting of native trees and shrubs.

Assisted Revegetation Activities

Areas which have been certified as having undergone 'assisted revegetation activities' have been subject to the following revegetation works:

- Hand removal of weeds and spot-spraying;
- Infill planting of native trees and shrubs where regrowth density is lacking; and
- Retention and enhancement of native regrowth vegetation.

Achievements

During the offset reporting period, the offset provider achieved the following milestones:

1. Site acquisition completed (Avonvale and Cherry Gully Station was under contract subject to EPBC Approval – post approval settlement of the land holding was called for the transaction to occur). *It is noted that due to the pandemic and the nationwide lockdown settlement was delayed and additional time was provided to the existing operator of the property to vacate the premises.*
2. Legally securing of the offset area via a registered Voluntary Declaration on the land titled declared under the Queensland Government's *Vegetation Management Act 1999* (VMA). The offset area was legally secured on 2 March 2021, where the offset area is registered and protected on the land title.
3. Completion of detailed baseline studies for Weeds of National Environmental Significance.
4. Commencement and ongoing surveys and data collection on the presence and occurrence of pest species (Wild dogs) – ongoing challenges occur with the inconsistent results obtained through baited Camera trap surveys, a range of ongoing wild dog audits and recorded observations continue to be completed.
5. Update and amendment of the Offset Area Management Plan (OAMP) to integrate the baseline survey results, detailed baseline habitat quality assessment data, species stocking rate scoring, the outcomes specified in the conditions of approval and a program to monitor and report on progress against performance and completion criteria.
6. Detailed survey and mapping of native vegetation regeneration areas through EMZ 2 and where small viable patches occur within EMZ 3 and 4.
7. Ortho-rectified drone aerial photography of entire offset area – provides a high resolution at scale aerial image of the base case for offset works and will be used in the future measurement of expanded Projected Foliage Cover (PFC) of replanting zones and whole weed areas.
8. Removal of livestock from the entire offset property. An audit has been completed of all external fencing to ensure it has been maintained to prevent adjoining land holder stock access.



Photo 2: Revegetation (habitat creation) activities occurring within the offset area

9. Establishment of irrigation connections and water sources with nexus to major planting zones not on creek corridors.
10. Commencement of regular periodical weed (WONS and other environmental weeds) rotational spraying and treatment.
11. Contractual arrangements with a qualified weed removalist to commence bulk WONS removal, namely Lantana in the Spring of 2022.
12. Shooting (and via Council baiting) of wild dogs on and surrounding the offset area.
13. Pasture grass removal and treatment in preparation for mass planting through cleared paddocks making up EMZ 3 and 4. Treatment included deep ripping and cultivation.
14. Combined sourcing of native tube stock for tranche 1 of 85,000 plants.
15. Direct revegetation activities within 121.50 ha within EMZ 3 and EMZ 4.
16. Assisted revegetation activities within 355.20 ha within EMZ 3 and EMZ 4.
17. Consultation with the Queensland Rural Fire Service on best practice wildfire management.
18. Consultation with the adjoining landholders on the offset management actions and potential collaboration in the near future, in particular for wildfire management and pest management.



Photo 3: Qualified rehabilitation contractors completing the revegetation (habitat creation) activities



Photo 4: *Xanthorrhoea johnsonii* located within the offset area

Offset Management Action Milestone Tracking

A summary of the status of management action implementation as per the approved management actions in the OAMP (2022) is provided below:

Management Action 1: Vertebrate Pest Management

| Management Action Requirement | Year Required | Comments |
|---|---------------|---|
| Detailed baseline surveys | Year 1 | Detailed baseline surveys have been conducted from August 2020 until 2 March 2022 . Results of the detailed baseline surveys has been included in the updated OAMP. |
| Develop on-site monitoring program | Year 1 | A Feral Animal Register has been developed to record all anecdotal and targeted sightings and culling's of feral animals. |
| Consult with SRC | Year 1 | Contact has been made with Somerset Regional Council (SRC) Pest Management Specialist (PMS). The SRC PMS attended site and commenced the 1080 baiting program on 23 March 2022. This program is to be implemented on a quarterly basis. |
| Develop initial Pest Management Implementation Strategy | Year 2 | |
| Undertake targeted pest management activities | Year 1 | Targeted pest management has been undertaken in accordance with the Feral Animal Register. Further, a quarterly baiting program has been established with the SRC and commenced on 23 March 2022. |
| Undertake targeted pest management activities | Year 2 | |
| Undertake targeted pest management activities | Year 3 | |
| Undertake targeted pest management activities | Year 4 | |
| Undertake targeted pest management activities | Year 5 | |
| Decommission and remove any pest species denning, foraging or breeding features | Year 1 - 5 | Year 1 - No pest species denning, foraging or breeding features were observed. Year 2 - Year 3 - Year 4 - Year 5 - |

| Management Action Requirement | Year Required | Comments |
|---|---------------|--|
| Replicate detailed baseline surveys | Year 5 | KEY MONITORING MILESTONE FOR CONDITION 10 |
| Undertake targeted pest management activities | Year 6 | |
| Undertake targeted pest management activities | Year 7 | |
| Undertake targeted pest management activities | Year 8 | |
| Undertake targeted pest management activities | Year 9 | |
| Undertake targeted pest management activities | Year 10 | |
| Replicate detailed baseline surveys | Year 10 | KEY MONITORING MILESTONE FOR CONDITION 10 |
| Undertake targeted pest management activities | Year 11 | |
| Undertake targeted pest management activities | Year 12 | |
| Undertake targeted pest management activities | Year 13 | |
| Undertake targeted pest management activities | Year 14 | |
| Undertake targeted pest management activities | Year 15 | |
| Replicate detailed baseline surveys | Year 15 | KEY MONITORING MILESTONE FOR CONDITION 10 |
| Undertake targeted pest management activities | Year 16 | |
| Undertake targeted pest management activities | Year 17 | |
| Undertake targeted pest management activities | Year 18 | |
| Undertake targeted pest management activities | Year 19 | |
| Undertake targeted pest management activities | Year 20 | |
| Replicate detailed baseline surveys | Year 20 | KEY MONITORING MILESTONE FOR CONDITION 10 |

Photo 5: Wild dog evidence recorded on a baited camera trap

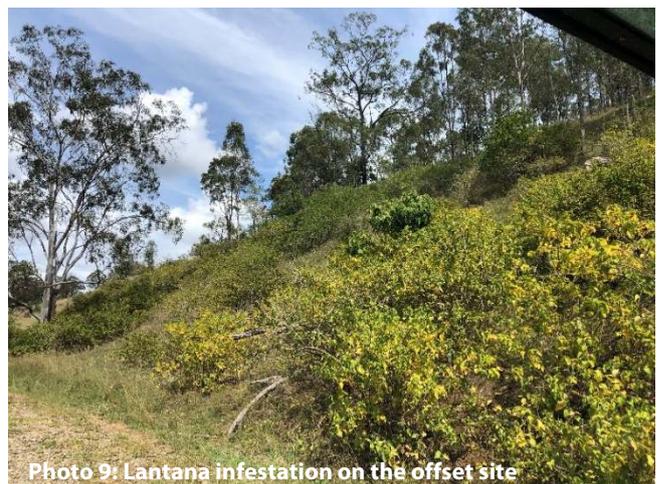
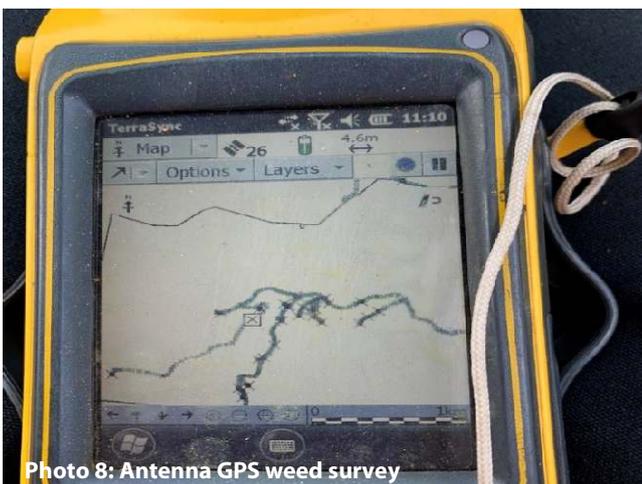
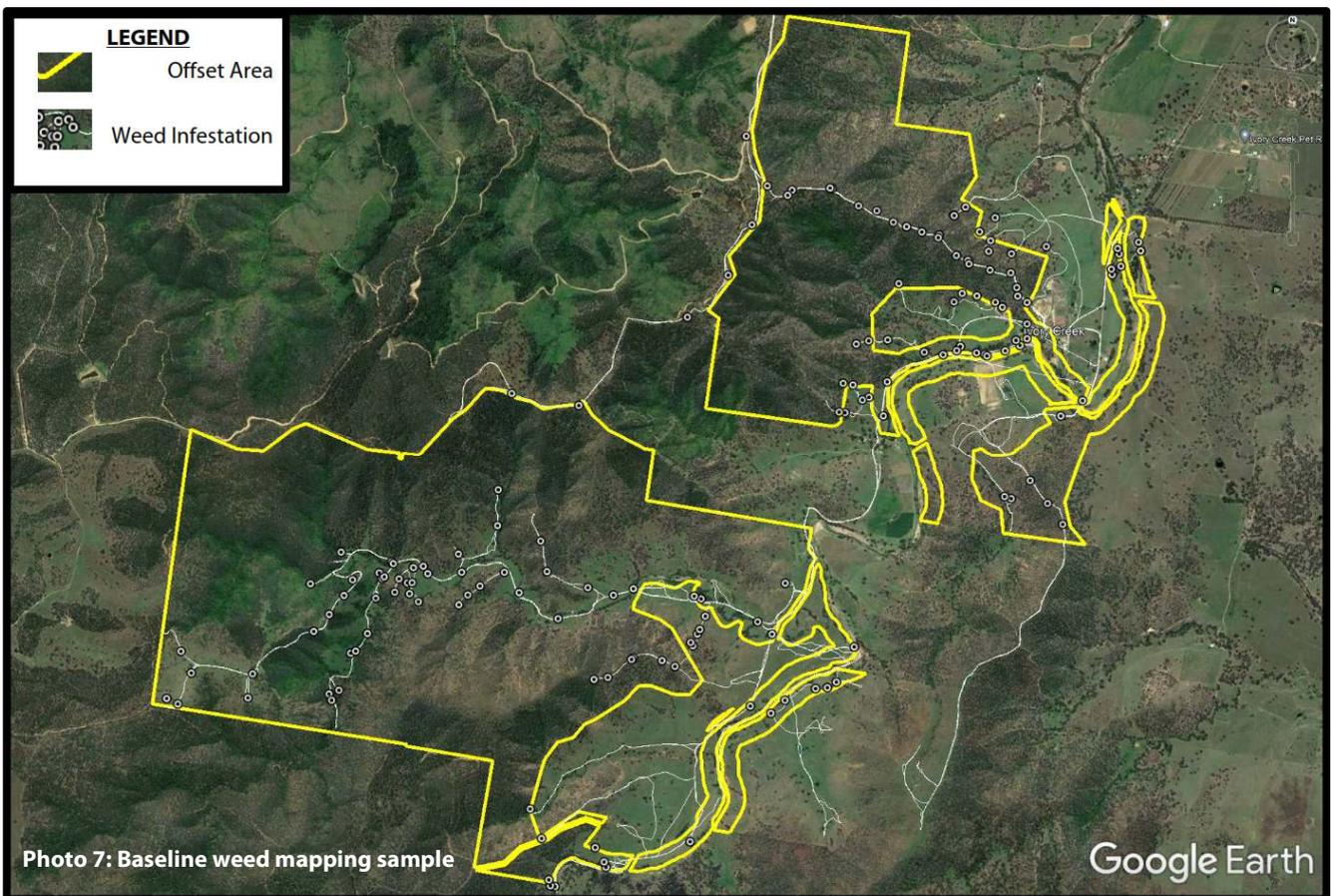


Photo 6: Wild dog scalp retrieved from the offset site

Management Action 2: Weeds of National Significance (Reduction & Management)

| Management Action Requirement | Year Required | Comments |
|---|---------------|---|
| Detailed baseline surveys | Year 1 | Antenna based GPS surveys and detailed ortho-rectified drone aerial imagery has been undertaken across the entirety of the offset area during Year 1. Results of the detailed baseline surveys has been included in the updated OAMP. |
| Exclude stock from the offset area | Year 1 - 5 | Year 1 - Cattle have been removed from the entirety of the Avonvale and Cherry Gully Station properties. Year 2 - Year 3 - Year 4 - Year 5 - |
| Detailed weed management control activities | Year 2 | |
| Detailed weed management control activities | Year 3 | |
| Detailed weed management control activities | Year 4 | |
| Detailed weed management control activities | Year 5 | |
| Replicate detailed baseline surveys | Year 5 | KEY MONITORING MILESTONE FOR CONDITION 11 |
| Detailed weed management control activities | Year 6 | |
| Detailed weed management control activities | Year 7 | |
| Detailed weed management control activities | Year 8 | |
| Detailed weed management control activities | Year 9 | |
| Detailed weed management control activities | Year 10 | |
| Replicate detailed baseline surveys | Year 10 | KEY MONITORING MILESTONE FOR CONDITION 11 |
| Detailed weed management control activities | Year 11 | |
| Detailed weed management control activities | Year 12 | |
| Detailed weed management control activities | Year 13 | |
| Detailed weed management control activities | Year 14 | |
| Detailed weed management control activities | Year 15 | |
| Replicate detailed baseline surveys | Year 15 | KEY MONITORING MILESTONE FOR CONDITION 11 |

| Management Action Requirement | Year Required | Comments |
|---|---------------|--|
| Detailed weed management control activities | Year 16 | |
| Detailed weed management control activities | Year 17 | |
| Detailed weed management control activities | Year 18 | |
| Detailed weed management control activities | Year 19 | |
| Detailed weed management control activities | Year 20 | |
| Replicate detailed baseline surveys | Year 20 | KEY MONITORING MILESTONE FOR CONDITION 11 |



Management Action 3: Stock Management

| Management Action Requirement | Year Required | Comments |
|--|---------------|---|
| Fencing in accordance with the indicative Offset Area Fencing Plan | Year 1 | Internal fencing of the Offset Area has not yet commenced. As per Management Action 3, alternatively, all livestock have been removed from the entirety of the Avonvale and Cherry Gully Station properties. Discussions have commenced with DAWE to amend Condition 13 of the approval to remove the requirement to fence the Offset Area if all livestock have been removed from the Avonvale and Cherry Gully Station properties. |
| Fencing in accordance with the indicative Offset Area Fencing Plan | Year 2 | |
| Fencing in accordance with the indicative Offset Area Fencing Plan | Year 3 | |
| Entirety of offset area fencing to be installed | Year 3 | KEY MILESTONE FOR CONDITION 12 |
| Fence inspection and report | Year 4 | |
| Fence inspection and report | Year 5 | |
| Fence inspection and report | Year 6 | |
| Fence inspection and report | Year 7 | |
| Fence inspection and report | Year 8 | |
| Fence inspection and report | Year 9 | |
| Fence inspection and report | Year 10 | |
| Fence inspection and report | Year 11 | |
| Fence inspection and report | Year 12 | |
| Fence inspection and report | Year 13 | |
| Fence inspection and report | Year 14 | |
| Fence inspection and report | Year 15 | |
| Fence inspection and report | Year 16 | |
| Fence inspection and report | Year 17 | |
| Fence inspection and report | Year 18 | |
| Fence inspection and report | Year 19 | |
| Fence inspection and report | Year 20 | |

Management Action 4: Access Management, Trespass and Neighbouring Stock Mustering Controls

| Management Action Requirement | Year Required | Comments |
|---|---------------|--|
| Inspection and rectification of all external fence boundaries | Year 1 | All external fence boundaries have been inspected during Year 1. No external fence boundaries required rectification. |
| Notification of Offset Areas. Purpose and outcomes to all adjoining land owners | Year 1 | All adjoining owners of the Offset Area have been notified of the purpose and outcomes which are sought to be achieved. Communication with adjoining landholders is ongoing given the requirements when undertaking pest animal baiting programs. |
| Access gates and signage to be installed where the Offset Area fencing crosses tracks required to be maintained for external land holder access | Year 3 | |
| No new access tracks through the Offset Area unless to support offset outcomes | Year 1 | New access tracks through the Offset Area have been created to facilitate the mass replanting of EMZ 3 and EMZ 4. No other new access tracks have been created through the Offset Area. All other access tracks are existing and retained in their current form. |
| No new access tracks through the Offset Area unless to support offset outcomes | Year 2 | |
| No new access tracks through the Offset Area unless to support offset outcomes | Year 3 | |
| No new access tracks through the Offset Area unless to support offset outcomes | Year 4 | |
| No new access tracks through the Offset Area unless to support offset outcomes | Year 5 | |
| No new access tracks through the Offset Area unless to support offset outcomes | Year 6 | |
| No new access tracks through the Offset Area unless to support offset outcomes | Year 7 | |
| No new access tracks through the Offset Area unless to support offset outcomes | Year 8 | |
| No new access tracks through the Offset Area unless to support offset outcomes | Year 9 | |
| No new access tracks through the Offset Area unless to support offset outcomes | Year 10 | |
| No new access tracks through the Offset Area unless to support offset outcomes | Year 11 | |
| No new access tracks through the Offset Area unless to support offset outcomes | Year 12 | |
| No new access tracks through the Offset Area unless to support offset outcomes | Year 13 | |
| No new access tracks through the Offset Area unless to support offset outcomes | Year 14 | |
| No new access tracks through the Offset Area unless to support offset outcomes | Year 15 | |
| No new access tracks through the Offset Area unless to support offset outcomes | Year 16 | |

| Management Action Requirement | Year Required | Comments |
|--|---------------|----------|
| No new access tracks through the Offset Area unless to support offset outcomes | Year 17 | |
| No new access tracks through the Offset Area unless to support offset outcomes | Year 18 | |
| No new access tracks through the Offset Area unless to support offset outcomes | Year 19 | |
| No new access tracks through the Offset Area unless to support offset outcomes | Year 20 | |



Management Action 5: Wildfire Management

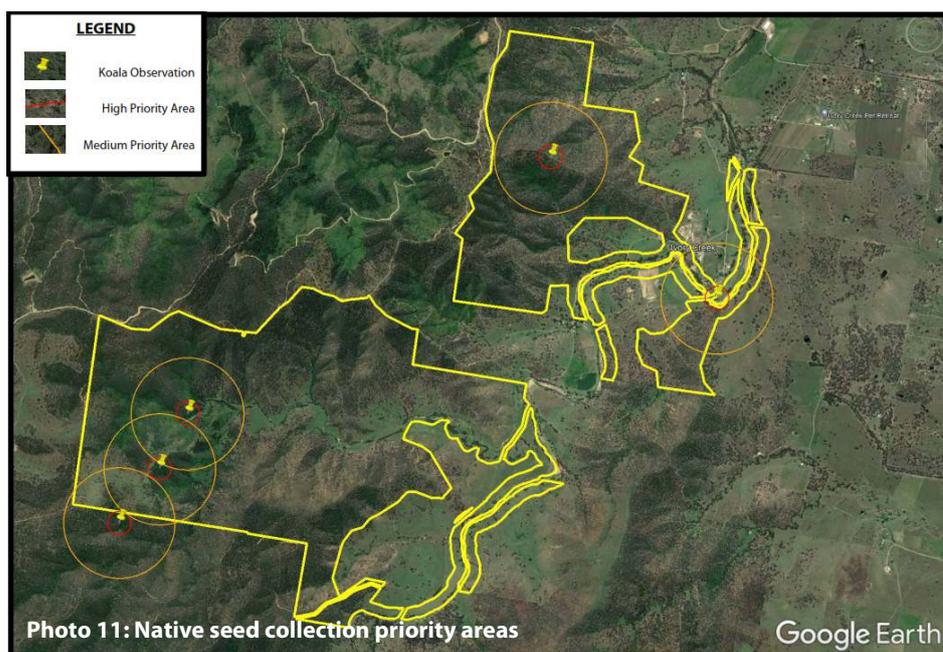
| Management Action Requirement | Year Required | Comments |
|--|---------------|--|
| Continuation of existing fire break infrastructure maintenance (firebreaks and trails) | Year 1 | Existing firebreaks and fire regimes have been continued during Year 1. External property boundaries have been cleared to maintain the existing fire management lines. |
| Develop an Offset Area Wildfire Management Plan | Year 2 | |
| Implement Offset Area Wildfire Management Plan | Year 3 | |
| Implement Offset Area Wildfire Management Plan | Year 4 | |
| Implement Offset Area Wildfire Management Plan | Year 5 | |
| Implement Offset Area Wildfire Management Plan | Year 6 | |
| Implement Offset Area Wildfire Management Plan | Year 7 | |
| Implement Offset Area Wildfire Management Plan | Year 8 | |
| Implement Offset Area Wildfire Management Plan | Year 9 | |
| Implement Offset Area Wildfire Management Plan | Year 10 | |
| Implement Offset Area Wildfire Management Plan | Year 11 | |
| Implement Offset Area Wildfire Management Plan | Year 12 | |
| Implement Offset Area Wildfire Management Plan | Year 13 | |
| Implement Offset Area Wildfire Management Plan | Year 14 | |
| Implement Offset Area Wildfire Management Plan | Year 15 | |
| Implement Offset Area Wildfire Management Plan | Year 16 | |
| Implement Offset Area Wildfire Management Plan | Year 17 | |
| Implement Offset Area Wildfire Management Plan | Year 18 | |
| Implement Offset Area Wildfire Management Plan | Year 19 | |
| Implement Offset Area Wildfire Management Plan | Year 20 | |

Management Action 6: Flooding, Erosion and Sedimentation Management

| Management Action Requirement | Year Required | Comments |
|---|---------------|--|
| Identify and map on-site locations of erosion and flood risk within the Offset Area | Year 1 | Erosion point locations within Ivory Creek on the Avonvale and Cherry Gully properties were mapped during Year 1 and included on the <i>Avonvale Erosion Point Locations and Revegetation Map</i> , <i>Cherry Gully North Erosion Point Locations and Revegetation Map</i> and <i>Cherry Gully South Erosion Point Locations and Revegetation Map</i> within the amended OAMP. |
| Incorporate mapped flood/erosion risk areas into revegetation plans and programs | Year 1 | Erosion point locations within Ivory Creek on the Avonvale and Cherry Gully properties was mapped during Year 1 and included on the <i>Avonvale Erosion Point Locations and Revegetation Map</i> , <i>Cherry Gully North Erosion Point Locations and Revegetation Map</i> and <i>Cherry Gully South Erosion Point Locations and Revegetation Map</i> within the amended OAMP. |
| Finalise EMZ 4 detailed revegetation and replanting plans and programs | Year 1 | The detailed revegetation and replanting plan and program has been finalised for EMZ4. Planting within the Tranche 1 area commenced in April 2022 and was complete in July 2022. Refer to Attachment A for the extent of revegetation works complete on the offset site. |
| Progressively implement stabilisation methods of high risk planting areas, avoid planting between high bank or high water mark during summer months | Year 2 | |
| Progressively implement stabilisation methods of high risk planting areas, avoid planting between high bank or high water mark during summer months | Year 3 | |
| Progressively implement stabilisation methods of high risk planting areas, avoid planting between high bank or high water mark during summer months | Year 4 | |
| Progressively implement stabilisation methods of high risk planting areas, avoid planting between high bank or high water mark during summer months | Year 5 | |
| Progressively implement stabilisation methods of high risk planting areas, avoid planting between high bank or high water mark during summer months | Year 6 | |
| Progressively implement stabilisation methods of high risk planting areas, avoid planting between high bank or high water mark during summer months | Year 7 | |
| Progressively implement stabilisation methods of high risk planting areas, avoid planting between high bank or high water mark during summer months | Year 8 | |

Management Action 7: Native Seed Collection & Propagation

| Management Action Requirement | Year Required | Comments |
|---|---------------|--|
| Develop a seed collection program for EMZ1 and EMZ2 areas | Year 1 | Collection of seed has been prioritised based on a radius of koala observations on-site. Where a koala has been observed on-site, priority seed collection areas have been identified. Priority of seed collection is as follows: High Priority - 100m of koala observation Medium Priority - 500m of koala observation Low Priority - >500m of koala observation |
| Consult adjoining landholders for permission to harvest seed (where necessary) | Year 1 | Due to the favourable weather conditions, harvesting seed from adjoining landholders was not necessary in Year 1. |
| Undertake the seed collection program | Year 1 | Seed collection has commenced in Year 1 |
| Establish site nursery for storage, propagation and germination of collected site seeds or establish a contract and relationship with an external nursery for storage, propagation and germination of collected site seeds. | Year 1 | Due to the large scale mass planting associated with Tranche 1, the collected seed has been transported to an off-site nursery for storage, propagation and germination |
| Continue the seed collection program | Year 2 | |
| Continue the seed collection program | Year 3 | |
| Continue the seed collection program | Year 4 | |
| Continue the seed collection program | Year 5 | |
| Demonstrate that a minimum of 50% of planting stock used in all offset area vegetation has been grown from seed harvested from Koala food trees and Grey-headed Flying-fox foraging tree species on or immediately adjoining the offset area land holdings. | Year 5 | |



Management Action 8: Regeneration & Rehabilitation Management

| Management Action Requirement | Year Required | Comments |
|---|---------------|--|
| Undertake detailed restoration work management areas mapping (stratify larger EMZ area into specific treatment zones) | Year 1 | EMZ 1 and EMZ 2 have been stratified into four zones, being Regrowth Zone 1, Regrowth Zone 2, Remnant Zone 1 and Remnant Zone 2 as per the plan included within the OAMP. |
| Establish photo monitoring points and protocols (georeferenced star picket at photo monitoring locations) | Year 1 | Photo point monitoring locations have been GPS located within EMZ 1 & EMZ 2 as per the plan included within the OAMP. Refer to Attachment B for the photo point monitoring results. |
| Complete treatment in the work management areas for EMZ 1 & EMZ 2 | Year 2 | |
| Complete treatment in the work management areas for EMZ 1 & EMZ 2 | Year 3 | |
| Complete treatment in the work management areas for EMZ 1 & EMZ 2 | Year 4 | |
| Complete treatment in the work management areas for EMZ 1 & EMZ 2 | Year 5 | |
| Complete treatment in the work management areas for EMZ 1 & EMZ 2 | Year 6 | |
| Replicate MHQA & GHFF FHA surveys | Year 6 | KEY MILESTONE FOR CONDITION 14a - 14e (EMZ1) |
| Monitor and maintain EMZ 1 & EMZ 2 | Year 7 | |
| Monitor and maintain EMZ 1 & EMZ 2 | Year 8 | |
| Monitor and maintain EMZ 1 & EMZ 2 | Year 9 | |
| Monitor and maintain EMZ 1 & EMZ 2 | Year 10 | |
| Replicate MHQA & GHFF FHA surveys | Year 10 | KEY MILESTONE FOR CONDITION 14a - 14e (EMZ1) |
| Monitor and maintain EMZ 1 & EMZ 2 | Year 11 | |
| Monitor and maintain EMZ 1 & EMZ 2 | Year 12 | |
| Monitor and maintain EMZ 1 & EMZ 2 | Year 13 | |
| Monitor and maintain EMZ 1 & EMZ 2 | Year 14 | |
| Monitor and maintain EMZ 1 & EMZ 2 | Year 15 | |
| Monitor and maintain EMZ 1 & EMZ 2 | Year 16 | |
| Replicate MHQA & GHFF FHA surveys | Year 16 | KEY MILESTONE FOR CONDITION 14a - 14e (EMZ1) KEY MILSTONE FOR CONDITION 15a - 15e (EMZ2) |
| Monitor and maintain EMZ 1 & EMZ 2 | Year 17 | |
| Monitor and maintain EMZ 1 & EMZ 2 | Year 18 | |
| Monitor and maintain EMZ 1 & EMZ 2 | Year 19 | |
| Monitor and maintain EMZ 1 & EMZ 2 | Year 20 | |
| Replicate MHQA & GHFF FHA surveys | Year 20 | KEY MILESTONE FOR CONDITION 14a - 14e (EMZ1) KEY MILSTONE FOR CONDITION 15a - 15e (EMZ2) |

Management Action 9: Revegetation (Habitat Creation) Activities

| Management Action Requirement | Year Required | Comments |
|---|---------------|---|
| Finalise locations, sequence and timing for revegetation program. | Year 1 | The revegetation of EMZ 3 & EMZ 4 has been stratified into two Tranches (Tranche 1 & Tranche 2). Tranche 1 is to be completed in Year 2 and Year 3, while Tranche 2 is to be completed in Year 4 and Year 5. The indicative tranche revegetation areas are shown in the OAMP. |
| Cultivate and prepare Tranche 1 area in preparation for year 2 planting. | Year 1 | The Tranche 1 area has been ripped and cultivated where necessary in preparation for planting. Planting commenced in April 2022 and was complete in July 2022. Refer to Attachment A for the extent of revegetation works complete on the offset site. |
| Create Tranche 1 water source for revegetation establishment (purpose located dam or broadscale irrigation) (where necessary) | Year 1 | Tranche 1 is predominantly located along waterways or creeklines, and as such, water sources already exist. Where necessary irrigation connections were created. |
| Establish photo monitoring points and protocols for Tranche 1 areas (georeferenced star picket at photo monitoring locations) | Year 1 | Photo point monitoring locations have been GPS located within EMZ 3 & EMZ 4 as per the plan included within the OAMP. Refer to Attachment B for the photo point monitoring results. |
| Complete Tranche 1 revegetation zone | Year 2 | |
| Cultivate and prepare Tranche 1 area in preparation for year 3 planting. | Year 2 | |
| Create Tranche 1 water source for revegetation establishment (purpose located dam or broadscale irrigation) (where necessary) | Year 2 | |
| Establish photo monitoring points and protocols for Tranche 1 areas (georeferenced star picket at photo monitoring locations) | Year 2 | |
| Complete Tranche 1 revegetation zone | Year 3 | |
| Cultivate and prepare Tranche 2 area in preparation for year 4 planting. | Year 3 | |
| Create Tranche 2 water source for revegetation establishment (purpose located dam or broadscale irrigation) (where necessary) | Year 3 | |
| Establish photo monitoring points and protocols for Tranche 2 areas (georeferenced star picket at photo monitoring locations) | Year 3 | |
| Monitor and maintain Tranche 1 | Year 3 | |
| Complete Tranche 2 revegetation zone | Year 4 | |
| Cultivate and prepare Tranche 2 area in preparation for year 5 planting. | Year 4 | |
| Create Tranche 2 water source for revegetation establishment (purpose located dam or broadscale irrigation) (where necessary) | Year 4 | |

| Management Action Requirement | Year Required | Comments |
|---|----------------------|--|
| Establish photo monitoring points and protocols for Tranche 2 areas (georeferenced star picket at photo monitoring locations) | Year 4 | |
| Monitor and maintain Tranche 1 & 2 | Year 4 | |
| All planting work completed within EMZ 4 | Year 4 | KEY MILESTONE FOR CONDITION 17b |
| Complete Tranche 2 revegetation zone | Year 5 | |
| Monitor and maintain Tranche 1 & Tranche 2 | Year 5 | |
| All planting work completed within EMZ 3 | Year 5 | KEY MILESTONE FOR CONDITION 16b |
| Monitor and maintain all revegetation zones (inclusive of rectification and replacement works) | Year 6 | |
| Monitor and maintain all revegetation zones (inclusive of rectification and replacement works) | Year 7 | |
| Monitor and maintain all revegetation zones (inclusive of rectification and replacement works) | Year 8 | |
| Monitor and maintain all revegetation zones (inclusive of rectification and replacement works) | Year 9 | |
| Monitor and maintain all revegetation zones (inclusive of rectification and replacement works) | Year 10 | |
| Replicate MHQA & GHFF FHA transect surveys | Year 10 | KEY MILESTONE FOR CONDITION 16a - 16f KEY MILESTONE FOR CONDITION 17a - 17f |
| Monitor and maintain all revegetation zones (inclusive of rectification and replacement works) | Year 11 | |
| Monitor and maintain all revegetation zones (inclusive of rectification and replacement works) | Year 12 | |
| Monitor and maintain all revegetation zones (inclusive of rectification and replacement works) | Year 13 | |
| Monitor and maintain all revegetation zones (inclusive of rectification and replacement works) | Year 14 | |
| Monitor and maintain all revegetation zones (inclusive of rectification and replacement works) | Year 15 | |
| Monitor and maintain all revegetation zones (inclusive of rectification and replacement works) | Year 16 | |
| Replicate MHQA & GHFF FHA transect surveys | Year 16 | |
| Monitor and maintain all revegetation zones (inclusive of rectification and replacement works) | Year 17 | |

| Management Action Requirement | Year Required | Comments |
|--|---------------|--|
| Monitor and maintain all revegetation zones (inclusive of rectification and replacement works) | Year 18 | |
| Monitor and maintain all revegetation zones (inclusive of rectification and replacement works) | Year 19 | |
| Monitor and maintain all revegetation zones (inclusive of rectification and replacement works) | Year 20 | |
| Replicate MHQA & GHFF FHA transect surveys | Year 20 | KEY MILESTONE FOR CONDITION 16g - 16j KEY MILESTONE FOR CONDITION 17g - 17j |

Photo 13: Native revegetation stock prior to EMZ 3 and EMZ 4 planting





Photo 14: Koala (*Phascolarctos cinereus*) observed on the offset property

EPBC2015/7530 Conditions Compliance

| Condition Number | Condition Description | Compliant / Non-compliant/ Not applicable | Comment / Evidence / Rectification |
|------------------|--|--|--|
| 5a | To compensate for the clearing of 529 ha of Koala Habitat , the functional loss of 51 ha of Koala Habitat , and 529 ha of Grey-headed Flying-fox foraging Habitat , the approval holder must: legally secure a minimum of 1,131.5 ha of the Avonvale and Cherry Gully Stations Offset area prior to the commencement of the action | Compliant (rectified as per discussions with Post Approvals) | The Avonvale and Cherry Gully Station Offset Area was legally secured on 4 March 2021. |
| 5b. | To compensate for the clearing of 529 ha of Koala Habitat , the functional loss of 51 ha of Koala Habitat , and 529 ha of Grey-headed Flying-fox foraging Habitat , the approval holder must: within 20 business days of legally securing the Avonvale and Cherry Gully Stations Offset area , provide the Department with written evidence demonstrating that Avonvale and Cherry Gully Stations Offset area has been legally secured , and Shapefiles of the offset attributes . | Compliant | The department was notified of the offset area being legally secured on 22 March 2021. Due to the global pandemic during 2020 and 2021, the legally securing of the offset site was delayed. |
| 5c. | To compensate for the clearing of 529 ha of Koala Habitat , the functional loss of 51 ha of Koala Habitat , and 529 ha of Grey-headed Flying-fox foraging Habitat , the approval holder must: within 6 months of approval, the approval holder must commence management activities at the Avonvale and Cherry Gully Stations Offset area . | Compliant | Management actions commenced on the offset site on 31 August 2020. The department were notified of the commencement of the management activities on the Avonvale and Cherry Gully Station Offset Area on 31 August 2020. |
| 6. | During year 1 , the approval holder must complete baseline surveys of the entire Avonvale and Cherry Gully Stations Offset area to determine the extent of weed cover and seasonal feral animal abundance. The baseline surveys must be undertaken by a suitably qualified field ecologist in accordance with a scientifically valid, robust, and repeatable methodology. | Compliant | During Year 1, the One Environment engaged Saunders Havill Group (SHG) as suitably qualified field ecologists and professionals to complete baseline surveys of the entire Avonvale and Cherry Gully Station Offset Area. The baseline surveys focused on determining the extent of weed cover and seasonal feral animal abundance. The baseline data is included in the amended Offset Area Management Plan (OAMP). |

| Condition Number | Condition Description | Compliant / Non-compliant/ Not applicable | Comment / Evidence / Rectification |
|------------------|---|---|--|
| 7a. | <p><i>Within 3 months of completion of the baseline surveys required under condition 6, the approval holder must engage a suitably qualified field ecologist to update the Avonvale and Cherry Gully Stations Offset Area Management Plan, to include the following: the results of the baseline surveys required under condition 6</i></p> | Compliant | <p>The SHG were engaged in December 2021 as suitably qualified field ecologists and professionals to update the OAMP. The amended OAMP was finalised and published on 2 March 2022.</p> <p>The results of the baseline surveys required under Condition 6 are included in Section 5.1 and 5.2 of the amended OAMP.</p> |
| 7b. | <p><i>Within 3 months of completion of the baseline surveys required under condition 6, the approval holder must engage a suitably qualified field ecologist to update the Avonvale and Cherry Gully Stations Offset Area Management Plan, to include the following: the detailed baseline Habitat quality assessment data for each environmental management zone on the Avonvale and Cherry Gully Stations Offset area as provided in the preliminary documentation and Direct Offset Chapter</i></p> | Compliant | <p>The SHG were engaged in December 2021 as suitably qualified field ecologists and professionals to update the OAMP. The amended OAMP was finalised and published on 2 March 2022.</p> <p>The detailed baseline habitat quality assessment data for each environmental management zone is included in Section 5.8 and 5.9 of the amended OAMP.</p> |
| 7c. | <p><i>Within 3 months of completion of the baseline surveys required under condition 6, the approval holder must engage a suitably qualified field ecologist to update the Avonvale and Cherry Gully Stations Offset Area Management Plan, to include the following: the Species Stocking Rate scoring table</i></p> | Compliant | <p>The SHG were engaged in December 2021 as suitably qualified field ecologists and professionals to update the OAMP. The amended OAMP was finalised and published on 2 March 2022.</p> <p>The species stocking rate scoring table(s) for each environmental management zone is included in Section 5.8 and 5.9 of the amended OAMP.</p> |
| 7d. | <p><i>Within 3 months of completion of the baseline surveys required under condition 6, the approval holder must engage a suitably qualified field ecologist to update the Avonvale and Cherry Gully Stations Offset Area Management Plan, to include the following: the outcomes specified in conditions 10-18</i></p> | Compliant | <p>The SHG were engaged in December 2021 as suitably qualified field ecologists and professionals to update the OAMP. The amended OAMP was finalised and published on 2 March 2022.</p> <p>The outcomes specified in Conditions 10 – 18 are included throughout Section 5 of the amended OAMP.</p> |
| 7e. | <p><i>Within 3 months of completion of the baseline surveys required under condition 6, the approval holder must engage a suitably qualified field ecologist to update the Avonvale and Cherry Gully Stations Offset Area Management Plan, to include the following: a program to monitor and report on progress against performance and completion criteria including the ecological outcomes specified in conditions 10-18</i></p> | Compliant | <p>The SHG were engaged in December 2021 as suitably qualified field ecologists and professionals to update the OAMP. The amended OAMP was finalised and published on 2 March 2022.</p> <p>A program to monitor and report on progress against performance and completion criteria including the ecological outcomes specified in Conditions 10 – 18 is included in Table 13 – 15, Table 17 – 19 and Section 5.10 of the amended OAMP.</p> |

| Condition Number | Condition Description | Compliant / Non-compliant/ Not applicable | Comment / Evidence / Rectification |
|------------------|---|---|--|
| 8. | The updated Avonvale and Cherry Gully Stations Offset Area Management Plan must be published on the approval holder's website and remain published for the period this approval has effect. The approval holder must implement the published updated Avonvale and Cherry Gully Stations Offset Area Management Plan for the duration of the approval, and must achieve the outcomes required under conditions 10-18. | Compliant | The updated OAMP is published on the approval holder's website (refer to: https://www.merrylin.com/master-planned-communities). |
| 9. | The approval holder must publish each Avonvale and Cherry Gully Stations Offset Area Management Plan Annual Report on the website within 40 business days following the end of the 12 month period reported on in the Annual Report. The approval holder must keep each Avonvale and Cherry Gully Stations Offset Area Management Plan Annual Report published from the date it is first published until the end of the period of effect of this approval. | Not applicable | This is the first OAAR. The 12 month reporting period for the OAAR is 31 August – 30 August. It is anticipated that this OAAR will be published on the approval holder's website within 40 business days of 31 August 2022. |
| 10. | The approval holder must demonstrate a reduction in the abundance of feral animals at the Avonvale and Cherry Gully Stations Offset area by the end of year 5 , relative to the abundance determined by the baseline surveys, and ensure that the abundance of feral animals is then maintained at, or reduced below, the year 5 abundance for the rest of the period of effect of the approval. | Not applicable | The baseline surveys of feral animal abundance were completed during Year 1 by SHG as a suitably qualified field ecologist and professional. The baseline feral animal abundance across the offset area has been incorporated in the amended OAMP. In conjunction with the baseline surveys, active feral animal management has been occurring since the acquisition of the land holdings. Feral animal management has broader, more regional scale effects and therefore, continual, and ongoing feral animal management will remain. The current feral animal management regime is designed to achieve the demonstrated reduction by Year 5. |
| 11a. | <i>The approval holder must demonstrate that the extent of weed cover at the Avonvale and Cherry Gully Stations Offset area is: less than 20% at the end of year 5</i> | Not applicable | The baseline surveys of the extent of weed cover were completed during Year 1 by SHG as a suitably qualified field ecologist and professional. The baseline extent of weed cover across the offset area has been incorporated in the amended OAMP. Following the completion of baseline surveys and extrapolation of data, the offset provider has engaged a suitably qualified weed removal specialist. The engaged contractor is scheduled to commence works in late 2022. It is considered that the current weed management regime is designed to achieve the demonstrated reduction by Year 5 and Year 10, respectively. |

| Condition Number | Condition Description | Compliant / Non-compliant/ Not applicable | Comment / Evidence / Rectification |
|------------------|---|---|--|
| 11b. | <i>The approval holder must demonstrate that the extent of weed cover at the Avonvale and Cherry Gully Stations Offset area is: less than 5% at the end of year 10 and for the rest of the period of effect of the approval.</i> | Not applicable | The baseline surveys of the extent of weed cover were completed during Year 1 by SHG as a suitably qualified field ecologist and professional. The baseline extent of weed cover across the offset area has been incorporated in the amended OAMP. Following the completion of baseline surveys and extrapolation of data, the offset provider has engaged a suitably qualified weed removal specialist. The engaged contractor is scheduled to commence works in late 2022. It is considered that the current weed management regime is designed to achieve the demonstrated reduction by Year 5 and Year 10, respectively. |
| 12. | For the protection of Koala Habitat , the approval holder must demonstrate by the end of year 3 that fauna friendly stock exclusion fencing has been installed around the entire perimeter of the Avonvale and Cherry Gully Stations Offset area . The approval holder must ensure that the fauna friendly stock exclusion fencing is maintained and effective for its purpose for the period of effect of the approval. | Not applicable | Although this condition is not applicable at this reporting period, all stock have been removed from the Avonvale and Cherry Gully Station property as of January 2022. Some redundant internal fencing, cattle and horse yards have been deconstructed to enable offset activities to occur. Given the removal of all stock from the Avonvale and Cherry Gully Station property and regular external fence checks and rectifications (if required), the risk of cattle intrusion and impacts on the offset are mitigated. |
| 13. | The approval holder must undertake ecological work to restore the Regional Ecosystems in the Avonvale and Cherry Gully Stations Offset area in accordance with the Avonvale and Cherry Gully Stations Offset area Management Plan and the Direct Offset Chapter . | Compliant | A number of management actions in accordance with the amended OAMP have commenced and will continue to be implemented. Implementation of the management actions in accordance with the OAMP are trending the offset area to achieving the restoration of the regional ecosystem vegetation communities. |
| 14a. | <i>The approval holder must achieve the following outcomes in Environmental Management Zone 1: A 57% increase, relative to the baseline Habitat quality assessment data, in the average Koala Species Stocking Rate score by the end of year 6, and subsequently maintain or exceed that average Koala Species Stocking Rate score for the remainder of the period of effect of the approval.</i> | Not applicable | Achievement of the outcomes of Condition 14 are not applicable during this reporting period. |
| 14b. | <i>The approval holder must achieve the following outcomes in Environmental Management Zone 1: Average tree canopy cover at >50% - <200% of the benchmark for Regional Ecosystem 12.11.14 by the end of year 6 and subsequently maintain average tree canopy cover in that</i> | Not applicable | Achievement of the outcomes of Condition 14 are not applicable during this reporting period. |

| Condition Number | Condition Description | Compliant / Non-compliant/ Not applicable | Comment / Evidence / Rectification |
|------------------|--|--|--|
| | range for the remainder of the period of effect of the approval. | | |
| 14c. | <i>The approval holder must achieve the following outcomes in Environmental Management Zone 1: Average recruitment of woody perennial species in the ecologically dominant layer greater than 75% by the end of year 6 and subsequently maintain or exceed that rate of recruitment for the remainder of the period of effect of the approval.</i> | Not applicable | Achievement of the outcomes of Condition 14 are not applicable during this reporting period. |
| 14d. | <i>The approval holder must achieve the following outcomes in Environmental Management Zone 1: The number of Large trees >50% of the benchmark for the Regional Ecosystem by the end of year 6 and this number subsequently maintained or exceeded for the remainder of the period of effect of the approval.</i> | Not applicable | Achievement of the outcomes of Condition 14 are not applicable during this reporting period. |
| 14e. | <i>The approval holder must achieve the following outcomes in Environmental Management Zone 1: An average of at least 6 different winter or spring flowering Grey-headed Flying-fox foraging species in each assessment plot by the end of year 6, and subsequently maintain or exceed this outcome for the remainder of the period of effect of the approval.</i> | Not applicable | Achievement of the outcomes of Condition 14 are not applicable during this reporting period. |
| 15a. | <i>The approval holder must achieve the following outcomes in Environmental Management Zone 2: An 80% increase, relative to the baseline Habitat quality assessment data, in the average Koala Species Stocking Rate score by the end of year 16, and subsequently maintain or exceed that average Koala Species Stocking Rate score for the remainder of the period of effect of the approval.</i> | Not applicable | Achievement of the outcomes of Condition 15 are not applicable during this reporting period. |
| 15b. | <i>The approval holder must achieve the following outcomes in Environmental Management Zone 2: Average tree canopy cover at >50% - <200% of the benchmark for Regional Ecosystem 12.11.14 by the end of year 16, and subsequently maintain average tree canopy cover in</i> | Not applicable | Achievement of the outcomes of Condition 15 are not applicable during this reporting period. |

| Condition Number | Condition Description | Compliant / Non-compliant/ Not applicable | Comment / Evidence / Rectification |
|------------------|---|--|--|
| | that range for the remainder of the period of effect of the approval. | | |
| 15c. | <i>The approval holder must achieve the following outcomes in Environmental Management Zone 2: Average recruitment of woody perennial species in the ecologically dominant layer greater than 75% by the end of year 16, and subsequently maintain or exceed that rate of recruitment for the remainder of the period of effect of the approval. The number of Large trees >50% of the benchmark for the Regional Ecosystem by the end of year 16, and this number subsequently maintained or exceeded for the remainder of the period of effect of the approval.</i> | Not applicable | Achievement of the outcomes of Condition 15 are not applicable during this reporting period. |
| 15d. | <i>The approval holder must achieve the following outcomes in Environmental Management Zone 2: The number of Large trees >50% of the benchmark for the Regional Ecosystem by the end of year 16 and this number subsequently maintained or exceeded for the remainder of the period of effect of the approval.</i> | Not applicable | Achievement of the outcomes of Condition 15 are not applicable during this reporting period. |
| 15e. | <i>The approval holder must achieve the following outcomes in Environmental Management Zone 2: An average of at least 6 different winter or spring flowering Grey-Headed Flying-fox foraging species in each assessment plot by the end of year 6 and subsequently maintain or exceed this outcome for the remainder of the period of effect of the approval.</i> | Not applicable | Achievement of the outcomes of Condition 15 are not applicable during this reporting period. |
| 16a. | <i>The approval holder must achieve the following outcomes in Environmental Management Zone 3: Recreate the pre-clearing Regional Ecosystem by planting 399 ha of new Koala Habitat and Grey Headed Flying-fox foraging Habitat.</i> | Not applicable | Achievement of the outcomes of Condition 16 are not applicable during this reporting period. |
| 16b. | <i>The approval holder must achieve the following outcomes in Environmental Management Zone 3: All planting works must be completed by the end of Year 5.</i> | Not applicable | Achievement of the outcomes of Condition 16 are not applicable during this reporting period. |

| Condition Number | Condition Description | Compliant / Non-compliant/ Not applicable | Comment / Evidence / Rectification |
|------------------|--|---|--|
| 16c. | <i>The approval holder must achieve the following outcomes in Environmental Management Zone 3: A 350% increase, relative to the baseline Habitat quality assessment data, in the average Koala Species Stocking Rate score by the end of year 10.</i> | Not applicable | Achievement of the outcomes of Condition 16 are not applicable during this reporting period. |
| 16d. | <i>The approval holder must achieve the following outcomes in Environmental Management Zone 3: Average tree canopy cover at >10% - <50% of the benchmark for each Regional Ecosystem by the end of year 10.</i> | Not applicable | Achievement of the outcomes of Condition 16 are not applicable during this reporting period. |
| 16e. | <i>The approval holder must achieve the following outcomes in Environmental Management Zone 3: Average recruitment of woody perennial species in the ecologically dominant layer greater than 50% by the end of year 10.</i> | Not applicable | Achievement of the outcomes of Condition 16 are not applicable during this reporting period. |
| 16f. | <i>The approval holder must achieve the following outcomes in Environmental Management Zone 3: An average of at least 6 different winter or spring flowering Grey-Headed Flying-fox foraging species in each assessment plot by the end of year 10, and subsequently maintain or exceed this diversity of foraging species for the remainder of the period of effect of the approval.</i> | Not applicable | Achievement of the outcomes of Condition 16 are not applicable during this reporting period. |
| 16g. | <i>The approval holder must achieve the following outcomes in Environmental Management Zone 3: A 700% increase, relative to the baseline Habitat quality assessment data, in the average Koala Species Stocking Rate score by the end of year 20, and subsequently maintain or exceed that average Koala Species Stocking Rate score for the remainder of the period of effect of the approval.</i> | Not applicable | Achievement of the outcomes of Condition 16 are not applicable during this reporting period. |
| 16h. | <i>The approval holder must achieve the following outcomes in Environmental Management Zone 3: Average Tree canopy cover at >50% - <200% of the benchmark for each Regional Ecosystem by the end of year 20, and subsequently maintain average tree canopy cover in that range for the remainder of the period of effect of the approval.</i> | Not applicable | Achievement of the outcomes of Condition 16 are not applicable during this reporting period. |

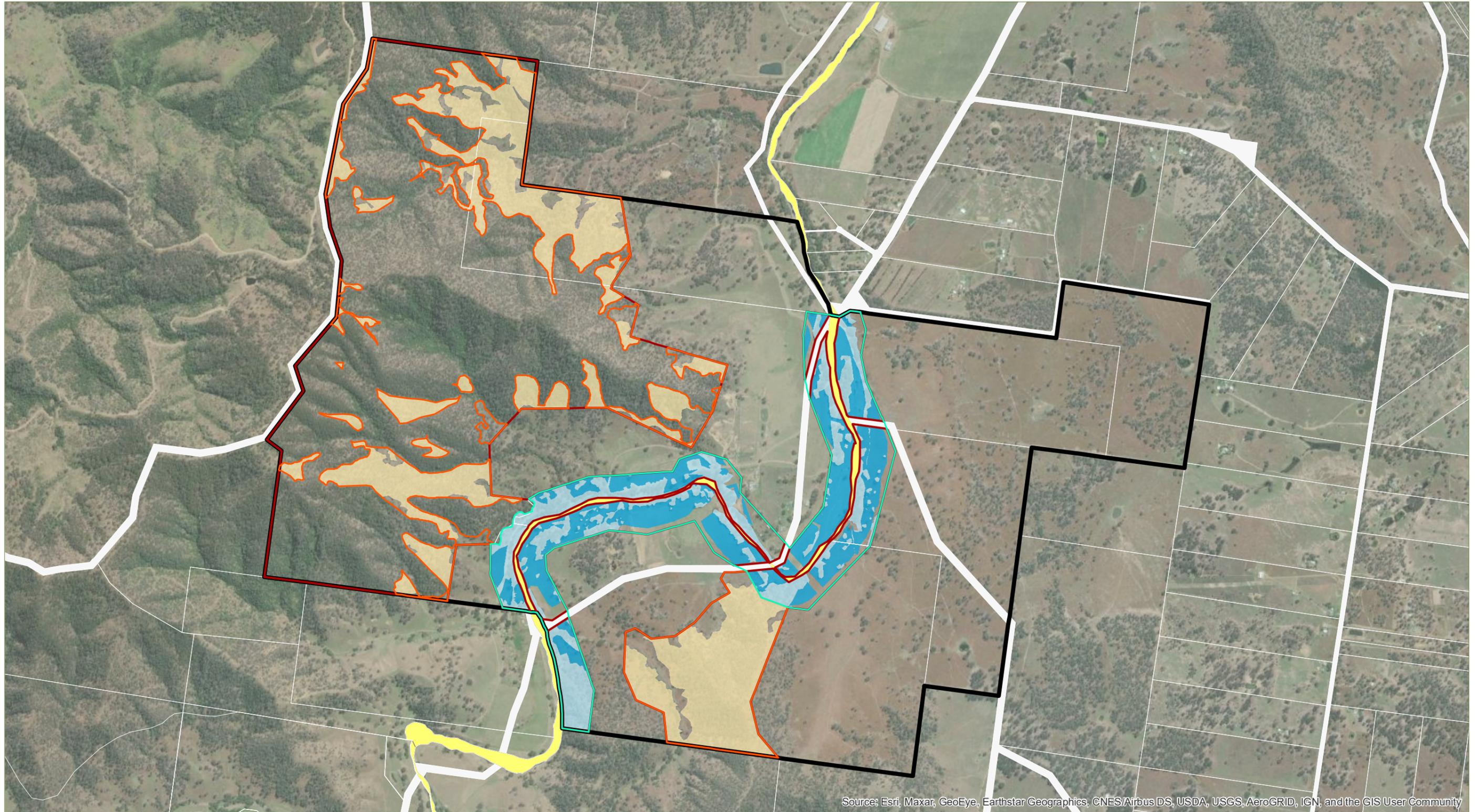
| Condition Number | Condition Description | Compliant / Non-compliant/ Not applicable | Comment / Evidence / Rectification |
|------------------|---|---|--|
| 16i. | <i>The approval holder must achieve the following outcomes in Environmental Management Zone 3: Average recruitment of woody perennial species in the ecologically dominant layer greater than 75% by the end of year 20, and subsequently maintain or exceed that rate for the remainder of the period of effect of the approval.</i> | Not applicable | Achievement of the outcomes of Condition 16 are not applicable during this reporting period. |
| 16j. | <i>The approval holder must achieve the following outcomes in Environmental Management Zone 3: The number of Large trees >50% of the benchmark for each Regional Ecosystem by the end of year 20, and this number subsequently maintained or exceeded for the remainder of the period of effect of the approval.</i> | Not applicable | Achievement of the outcomes of Condition 16 are not applicable during this reporting period. |
| 17a. | <i>The approval holder must achieve the following outcomes in Environmental Management Zone 4: Recreate the pre-clearing Regional Ecosystem 12.3.7 or 12.3.3 by restoring 166.6 ha of new Koala Habitat and Grey-headed Flying-fox foraging Habitat.</i> | Not applicable | Achievement of the outcomes of Condition 17 are not applicable during this reporting period. |
| 17b. | <i>The approval holder must achieve the following outcomes in Environmental Management Zone 4: All revegetation planting works completed by the end of Year 4.</i> | Not applicable | Achievement of the outcomes of Condition 17 are not applicable during this reporting period. |
| 17c. | <i>The approval holder must achieve the following outcomes in Environmental Management Zone 4: A 30% increase, relative to the baseline Habitat quality assessment data, in the average Koala Species Stocking Rate score by the end of year 10.</i> | Not applicable | Achievement of the outcomes of Condition 17 are not applicable during this reporting period. |
| 17d. | <i>The approval holder must achieve the following outcomes in Environmental Management Zone 4: Average tree canopy cover at >10% - <50% of the benchmark for each Regional Ecosystem 12.3.7 by the end of year 10.</i> | Not applicable | Achievement of the outcomes of Condition 17 are not applicable during this reporting period. |
| 17e. | <i>The approval holder must achieve the following outcomes in Environmental Management Zone 4: Average recruitment of woody perennial species in the ecologically dominant layer greater than 50% by the end of year 10.</i> | Not applicable | Achievement of the outcomes of Condition 17 are not applicable during this reporting period. |

| Condition Number | Condition Description | Compliant / Non-compliant/ Not applicable | Comment / Evidence / Rectification |
|------------------|---|---|---|
| 17f. | <i>The approval holder must achieve the following outcomes in Environmental Management Zone 4: An average of at least 6 different winter or spring flowering Grey-Headed Flying -fox foraging species in each assessment plot by the end of year 10 and this diversity subsequently maintained or exceeded for remainder of the period of effect of the approval.</i> | Not applicable | Achievement of the outcomes of Condition 17 are not applicable during this reporting period. |
| 17g. | <i>The approval holder must achieve the following outcomes in Environmental Management Zone 4: A 60% increase relative to the baseline Habitat quality assessment data, in the average Koala Species Stocking Rate score at year 20, and subsequently maintain or exceed that average Koala Species Stocking Rate score for the remainder of the period of effect of the approval.</i> | Not applicable | Achievement of the outcomes of Condition 17 are not applicable during this reporting period. |
| 17h. | <i>The approval holder must achieve the following outcomes in Environmental Management Zone 4: Average Tree canopy cover at >50%- <200% of the benchmark for each Regional Ecosystem by the end of year 20 and subsequently maintain average tree canopy cover in that range for the remainder of the period of effect of the approval.</i> | Not applicable | Achievement of the outcomes of Condition 17 are not applicable during this reporting period. |
| 17i. | <i>The approval holder must achieve the following outcomes in Environmental Management Zone 4: Average recruitment of woody perennial species in the ecologically dominant layer greater than 75% by the end of year 20, and subsequently maintain or exceed that rate for the remainder of the period of effect of the approval.</i> | Not applicable | Achievement of the outcomes of Condition 17 are not applicable during this reporting period. |
| 17j. | <i>The approval holder must achieve the following outcomes in Environmental Management Zone 4: The number of Large trees >50% of the benchmark for the Regional Ecosystem by the end of year 20, and this number subsequently maintained or exceeded for the remainder of the period of effect of the approval.</i> | Not applicable | Achievement of the outcomes of Condition 17 are not applicable during this reporting period. |
| 18 | The approval holder must demonstrate by year 5 that a minimum of 50% of planting stock used in all offset area vegetation has been grown from seed harvested from Koala food trees and Grey-headed Flying-fox | Not applicable | During the OAAR reporting period, 121.5 ha of direct revegetation activities and 355.2 ha of assisted revegetation activities have been completed (refer to Attachment A). Due to the expedited planting program to reduce the time lag |

| Condition Number | Condition Description | Compliant / Non-compliant/ Not applicable | Comment / Evidence / Rectification |
|------------------|---|--|---|
| | <p>foraging tree species on or immediately adjoining the offset area land holdings.</p> | | <p>between the impact and realisation of the offset, the 121.5 ha of direct revegetation activities utilised a combination of seed harvested on-site, and seed sourced from a local nursery. The 355.2 ha of assisted revegetation activities has utilised seed from the natural seed bank on-site and therefore is considered to have been grown from seed harvested on-site. As such, current calculations indicate that 74.51% of plant stock has been grown from seed harvested on-site.</p> |
| <p>19</p> | <p>The approval holder must engage a suitably qualified independent expert to undertake an assessment of the Avonvale and Cherry Gully Stations Offset area at the end of each of year 6, year 10, year 16 and year 20 to assess whether the outcomes required in conditions 10-18 have been, or are likely to be, achieved. The findings of each assessments must be documented and published within 6 months of the end of each of year 6, year 10, year 16 and year 20, and he provided to the Department within five (5) business days of each being published.</p> | <p>Not applicable</p> | <p>Not applicable during this reporting period.</p> |

Attachment A: Certified Revegetation Works Extent

PLAN 3 - AVONVALE SITE 1 RESORATION 2022 SUMMARY



Source: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

FILE NAME: OEs3_Offset 1 Avonvale Restoration Summary V2
31/08/2022

CHERRY GULLY STATION-
OFFSET MANAGEMENT PLAN



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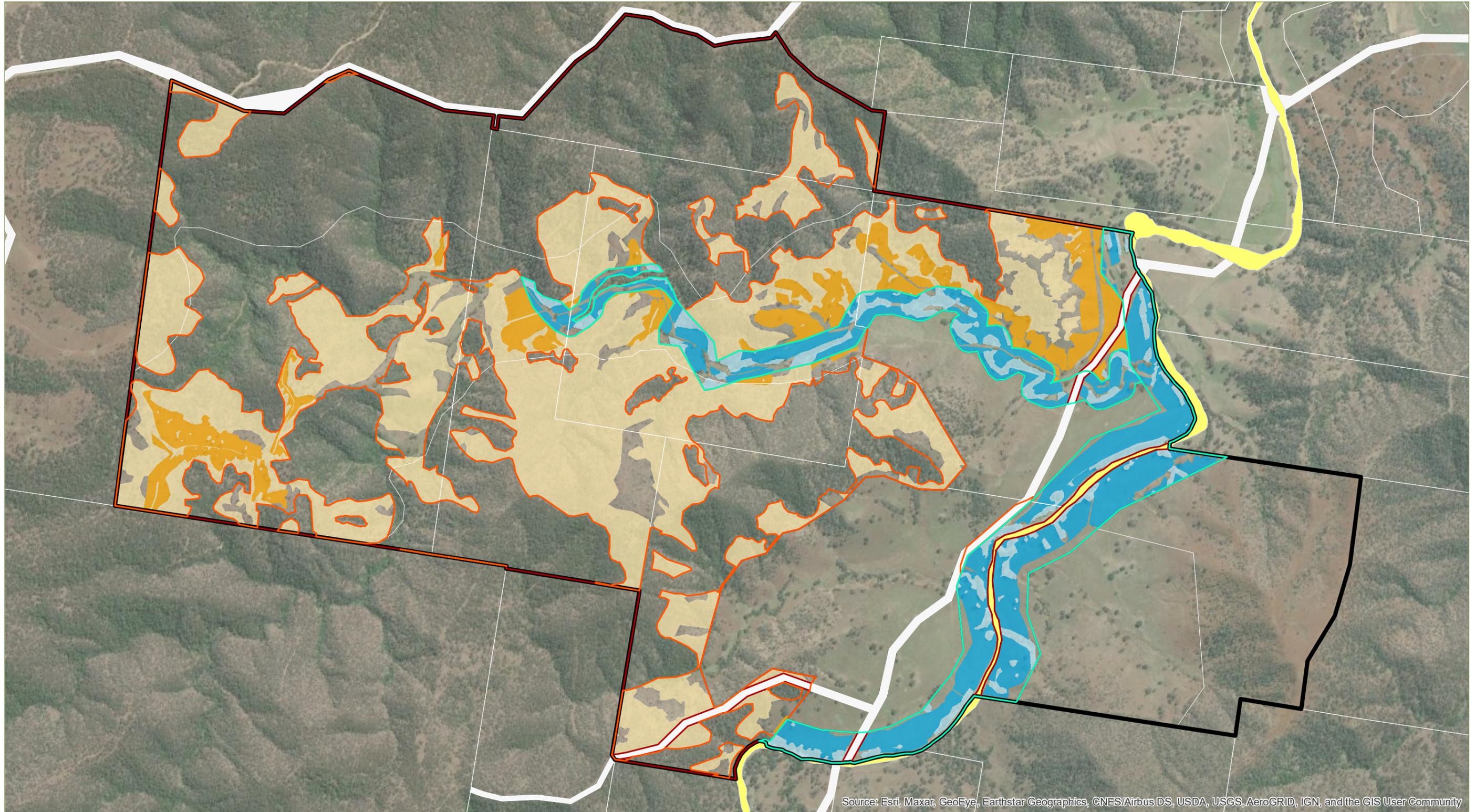
LEGEND

| | | | | | |
|--|------------------------------|--|--|--|--|
| | QLD DCDB | | EMZ 3 BOUNDARY | | EMZ 4 BOUNDARY |
| | AVONVALE STATION (2022 DCDB) | | EMZ 3 - DIRECT REVEGETATION ACTIVITIES [0.0 HA] | | EMZ 4 - DIRECT REVEGETATION ACTIVITIES [35.7 HA] |
| | WATERCOURSE (2022 DCDB) | | EMZ 3 - ASSISTED REVEGETATION ACTIVITIES [96.5 HA] | | EMZ 4 - ASSISTED REVEGETATION ACTIVITIES [33.3 HA] |
| | ROAD RESERVE (2022 DCDB) | | | | |
| | OFFSET SITE 1 BOUNDARIES | | | | |



One Environment

PLAN 2 - CHERRY GULLY SITE I RESORATION 2022 SUMMARY



Source: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

FILE NAME: OEs2_Offset 1 Cherry Gully Restoration Summary V2
31/08/2022

CHERRY GULLY STATION-
OFFSET MANAGEMENT PLAN



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LEGEND

- | | | | | | |
|--|----------------------------------|--|---|--|--|
| | QLD DCDB | | EMZ 3 BOUNDARY | | EMZ 4 BOUNDARY |
| | CHERRY GULLY STATION (2022 DCDB) | | EMZ 3 - DIRECT REVEGETATION ACTIVITIES [35.0 HA] | | EMZ 4 - DIRECT REVEGETATION ACTIVITIES [50.8 HA] |
| | WATERCOURSE (2022 DCDB) | | EMZ 3 - ASSISTED REVEGETATION ACTIVITIES [204.7 HA] | | EMZ 4 - ASSISTED REVEGETATION ACTIVITIES [20.7 HA] |
| | ROAD RESERVE (2022 DCDB) | | | | |
| | OFFSET SITE I BOUNDARIES | | | | |



One Environment

Attachment B: EMZ 1, EMZ 2, EMZ 3 & EMZ 4 Photo Monitoring Results

PHOTO POINT 1

NORTH



SOUTH



EAST



WEST



PHOTO POINT 2

NORTH



SOUTH



EAST



WEST



PHOTO POINT 3

NORTH



SOUTH



EAST



WEST



PHOTO POINT 4

NORTH



SOUTH



EAST



WEST



PHOTO POINT 5

NORTH



SOUTH



EAST



WEST



PHOTO POINT 6

NORTH



SOUTH



EAST



WEST



PHOTO POINT 7

NORTH



SOUTH



EAST



WEST



PHOTO POINT 8

NORTH



SOUTH



EAST



WEST



PHOTO POINT 9

NORTH



SOUTH



EAST



WEST



PHOTO POINT 10

NORTH



SOUTH



EAST



WEST



PHOTO POINT 11

NORTH



SOUTH



EAST



WEST



PHOTO POINT 12

NORTH



SOUTH



EAST



WEST



PHOTO POINT 13

NORTH



SOUTH



EAST



WEST



PHOTO POINT 14

NORTH



SOUTH



EAST



WEST



PHOTO POINT 15

NORTH



SOUTH



EAST



WEST



PHOTO POINT 16

NORTH



SOUTH



EAST



WEST



PHOTO POINT 17

NORTH



SOUTH



EAST



WEST



PHOTO POINT 18

NORTH



SOUTH



EAST



WEST



PHOTO POINT 19

NORTH



SOUTH



EAST



WEST



PHOTO POINT 20

NORTH



SOUTH



EAST



WEST



PHOTO POINT 21

NORTH



SOUTH



EAST



WEST



PHOTO POINT 22

NORTH



SOUTH



EAST



WEST



PHOTO POINT 23

NORTH



SOUTH



EAST



WEST



PHOTO POINT 24

NORTH



SOUTH



EAST



WEST



PHOTO POINT 25

NORTH



SOUTH



EAST



WEST



PHOTO POINT 26

NORTH



SOUTH



EAST



WEST



PHOTO POINT 27

NORTH



SOUTH



EAST



WEST



PHOTO POINT 28

NORTH



SOUTH



EAST



WEST



PHOTO POINT 29

NORTH



SOUTH



EAST



WEST



PHOTO POINT 30

NORTH



SOUTH



EAST



WEST



PHOTO POINT 31

NORTH



SOUTH



EAST



WEST



PHOTO POINT 32

NORTH



SOUTH



EAST



WEST



PHOTO POINT 33

NORTH



SOUTH



EAST



WEST

