

# City of Rockingham

## EPBC 2011/5971 - Annual Compliance Report 2025 Extension of Mundijong Road

### 1. Introduction

The City of Rockingham was granted approval (2011/5971) under the *Environmental Protection and Biodiversity Conservation Act 1999* (EPBC Act) on 30 March 2012 to extend Mundijong Road in Baldivis, Western Australia. A variation was approved on 23 October 2013 to increase the area of native vegetation that could be cleared as part of the works and consequently, 11.9 hectares of native vegetation was approved for clearing within the development zone.

The works included the construction of a new single carriageway two way road (and associated other works) that extended from Baldivis Road to the east through to Mandurah Road to the west. The works commenced within the development zone on 5 April 2013 with the majority of clearing completed by 30 August 2013. The project was completed and the road was officially opened on 11 August 2015.

### 2. Purpose

The purpose of this report is to ensure compliance with Condition 9 of the EPBC Act decision notice which states:

*“Within three months of every 12 months anniversary of the commencement of the action, the person taking the action must publish a report on their website addressing compliance with each of the conditions of this approval, including implementation of any plan(s) as specified in the conditions. The report must stay on the website for at least five (5) years. 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.”*

As the initial action commenced on the 5 April 2013 this report is due on the 5 July each year until the approval expires. The approval has effect until 31 December 2027.

### 3. Compliance with approval conditions

Table 1 below summarises the City’s compliance with the approval conditions to date. A full copy of the EPBC Act Decision Notice can be found on the City of Rockingham website. Further explanation of the City’s compliance with these conditions is provided in the subsequent sections of this report.

**Table 1 – Approval conditions for EPBC 2011/5971**

| Condition No. | Details  | Status      | Comment  |
|---------------|--|-------------|--|
| 1             | Must not clear more than 11.9 ha of native vegetation                          | Completed   | No further update since 2022 annual report.  |
| 2(a)          | Prepare, submit and implement a CEMP   | Completed   | No further update since 2022 annual report.  |
| 2(b)          | Prepare, submit and implement an EOMP  | In Progress | See Table 3 and Section 5  |
| 3             | Implement a Black Cockatoo Habitat Revegetation and Rehabilitation Program     | In Progress | See Section 5  |
| 4             | Offset areas must be placed under Conservation Covenant                        | Completed   | No further update since 2022 annual report.  |
| 5             | Description, map and shapefiles of offset areas to be sent to the Department   | Completed   | No further update since 2022 annual report.  |
| 6             | Publish management plans on the City of Rockingham website                     | Completed   | All management plans remain on the City of Rockingham website: <a href="https://rockingham.wa.gov.au/planning-and-building/current-projects-and-works/kulija-road">https://rockingham.wa.gov.au/planning-and-building/current-projects-and-works/kulija-road</a> |
| 7             | Advise the Department of the commencement of works                             | Completed   | No further update since 2022 annual report.  |
| 8             | Maintain accurate records of all activities                                    | In Progress | See Section 5  |
| 9             | Publish annual reports   | In Progress | Annual reports can be found on the City of Rockingham website <a href="https://rockingham.wa.gov.au/planning-and-building/current-projects-and-works/kulija-road">https://rockingham.wa.gov.au/planning-and-building/current-projects-and-works/kulija-road</a>  |
| 10            | Cannot carry out activities that are not approved                              | N/A         | No further update since 2022 annual report.  |
| 11            | Minister may request revised plans if deemed necessary                         | N/A         | No further update since 2022 annual report.  |
| 12            | If works have not commenced after 5 years then further approval must be sought | N/A         | No further update since 2022 annual report.  |

#### **4. Management objectives and actions for offset sites**

As outlined in the Mundijong Road Environmental Offsets Management Plan (EOMP):

*“The overall aim for the offset sites will be rehabilitation of native vegetation to a condition that will, in the future, likely support a self-sustaining plant community with improved density and diversity to the pre-existing vegetation.*

*More specifically, the management objectives are to protect and maintain the offset sites by:*

- *improving and maintaining habitat suitable for foraging, breeding and roosting by black-cockatoo species*
- *managing introduced species (weeds and feral animals)*
- *applying the appropriate conservation tenure to ensure long-term protection*
- *controlling access by pedestrians and vehicles.*

Tables 2 and 3 below show the management objectives and management actions for the offset sites as listed in the EOMP. Details on how these have been addressed can be found in Section 5.

**Table 2 – Management objectives for offset sites**

| <b>Management objective</b>                                  | <b>Target</b>  | <b>Performance indicators</b>  | <b>Status</b> |
|--|--|--|---------------|
| To protect offset sites in conservation tenure               | Offset sites secured in conservation covenants   | Conservation covenant finalised  | Completed     |
| Damage to native vegetation and revegetation to be prevented | Fencing adequate and well maintained   | Visual observations indicate no damage to fencing  | In Progress   |
| To prevent the introduction and spread of weeds              | Composition and cover of weed species within each zone reduced or unchanged baseline surveys | Monitoring indicates a reduction or no increase in extent and distribution of weed species   | In Progress   |
| To prevent the introduction and spread of dieback            | No introduction of dieback   | Monitoring and visual observations indicate dieback absent   | In Progress   |
| To prevent increase in abundance of feral animals            | No increase in abundance of feral animals or introduction of new feral species               | Monitoring and visual observations indicate no additional damage to vegetation beyond that observed in baseline monitoring surveys | In Progress   |
| To prevent unauthorised use and access                       | No damage to existing vegetation or revegetation caused by unauthorised human use/access     | Monitoring and visual observations indicate no additional damage to vegetation beyond that observed in baseline monitoring surveys | In Progress   |
| To prevent fire incidents                                    | No unauthorised fires  | Absence of fire  | In Progress   |

**Table 3 – Management actions for offset sites**

| <b>Parameter</b>               | <b>Action</b>  | <b>Status</b> | <b>Comment</b>                              |
|--------------------------------|--|---------------|---|
| Conservation covenant          | Apply conservation covenant to site  | Completed     | No further update since 2022 annual report. |
| Baseline studies (Site 1 only) | Undertake flora and fauna surveys at site to: <ul style="list-style-type: none"> <li>confirm and map the vegetation type and condition</li> <li>identify the Threatened or Priority flora and Declared Plant species</li> <li>identify the presence or absence of dieback</li> <li>identify protected fauna or their habitat.</li> </ul>   | Completed     | No further update since 2022 annual report. |
| Weeds                          | <ol style="list-style-type: none"> <li>Weed control (informed by baseline study/s) to be undertaken prior to undertaking direct seeding and planting.</li> <li>Weed control methods to be acceptable to relevant City of Rockingham and DBCA standards.</li> <li>Control methods for any weeds listed as Declared Plants to be undertaken in accordance with guidelines of the DA.</li> <li>Weed infestations immediately adjacent to watercourses should be removed by hand where practicable or be sprayed in a manner which prevents overspray to the watercourse.</li> <li>Develop an ongoing weed management program to be implemented for the offset sites.</li> </ol> | Completed     | No further update since 2022 annual report. |
|                                |  | In Progress   | See Section 5.2 Weed Control                |
|                                |  | In Progress   | See Section 5.2 Weed Control                |
|                                |  | In Progress   | See Section 5.2 Weed Control                |
|                                |  | In Progress   | See Section 5.2 Weed Control                |
| Dieback                        | <ol style="list-style-type: none"> <li>Limit vehicles to designated tracks.</li> <li>Quarantine any areas identified to be infected with dieback in the baseline studies.</li> <li>Ensure any soil or mulch used on site is certified dieback free.</li> </ol>   | In Progress   | See Section 5.3 Dieback                     |
| Feral animals                  | <ol style="list-style-type: none"> <li>Conduct rabbit control in offset sites.</li> <li>Erect agricultural fencing around boundary of site.</li> </ol>   | In Progress   | See Section 5.4 Feral Animals               |
| Access                         | Assess and rationalise existing pathways and public access points.   | In Progress   | See Section 5.5 Access                      |
| Fauna                          | Provide habitat by placement of habitat logs and tree hollows from the Development Site.   | Completed     | No further update since 2022 annual report. |

| Parameter        | Action   | Status      | Comment  |
|------------------|--|-------------|--|
| Signage          | Install interpretive and educational signage.  | Completed   | Interpretive signage has been installed at Dixon Road Conservation Precinct including three wayfinding maps and four interpretive/information flora and fauna signs. |
| Seed collection  | <ol style="list-style-type: none"> <li>1. Compile list of appropriate species to be planted in revegetation areas based on flora and vegetation surveys of each offset site.</li> <li>2. Prior to clearing Development Site, collect seed from any suitable species (i.e., Carnaby's black-cockatoo habitat species and species suitable to vegetation types recorded in offset sites).</li> <li>3. If sufficient seed is not available from other sources, will be collected preferably from Bush Forever site 379 (for Site 1) and Bush Forever Site 356 (for Site 2).</li> <li>4. Appropriate licences to be obtained from DER for seed collection within any DPaW managed land.</li> </ol>   | In Progress | See Section 5.6 Revegetation   |
| Site preparation | <ol style="list-style-type: none"> <li>5. Undertake site preparations (e.g. cultivation/scarification in compacted bare areas, pre-planting weed removal, placement of habitat logs, placement of topsoil).</li> <li>6. Except where cultivation/scarification is required, ensure soil disturbance is minimised to prevent weed germination.</li> <li>7. Development Site to be transferred to any suitable areas of rehabilitation sites (i.e., accessible by vehicle, in Degraded – Completely Degraded condition).</li> </ol>  | Completed   | No further update since 2022 annual report.  |
| Revegetation     | <ol style="list-style-type: none"> <li>1. Plant seedlings in areas where insufficient seed is available for species appropriate to the vegetation type, or where rapid results are required (e.g. where heavy weed invasion is likely to outcompete native seed germination).</li> <li>2. Propagate seedlings from seed collected from Development Site.</li> <li>3. Procure seedlings of local plant species from appropriate, certified dieback-free nurseries (as advised by DEC [2003]) if insufficient seedlings obtained from Development Site seed.</li> <li>4. Ensure any seedlings brought to site are grown at a dieback-free certified nursery.</li> <li>5. Protect seedlings with tree guards.</li> <li>6. Ensure 75% of plants used in revegetation are suitable as foraging, breeding or roosting habitat for Carnaby's black-cockatoo (Appendix 3) and appropriate for mapped vegetation type of rehabilitation site.</li> <li>7. Procure seedlings to conduct top-up planting in any areas not meeting 80% survival rates, as determined by monitoring.</li> </ol> | In Progress | See Section 5.6 Revegetation   |

| Parameter           | Action   | Status      | Comment  |
|---------------------|--|-------------|--|
| Fire                | <ol style="list-style-type: none"> <li>1. All firebreaks within the wetland to be maintained to 3 m in width (Site 1 only).</li> <li>2. All (non-wetland) firebreaks should be maintained to 4 m wide and have a height clearance of 4m with pass and turn around points (Site 2 only).</li> <li>3. Any shelters or rest areas should be built giving consideration to prevalent wind and fire behaviour from materials that are fire resistant, and located in low fuel zones (Site 2 only).</li> <li>4. the tracks that border the precinct and the main east-west track should be maintained at a standard that allows fire vehicles access and to act as fire breaks (Site 2 only).</li> </ol> | In Progress | See Section 5.1 Fire Management  |
| Contingency actions | Implement contingency actions to address site environmental issues as per triggers described in EOMP Table 12.   | In Progress | Remedial actions implemented as required. Details included within Section 5. |

## 1. Implementation of Environmental Offsets Management Plan

### 5.1 Fire management

An extensive fire impacted the majority of Dixon Road Conservation Precinct (DRCP) during February 2022. The fire is believed to have been arson with an ignition point in the east of the reserve. A map of the fire scar is included in the report in Appendix 1. The revegetation site in the northwest of the reserve was not significantly impacted. A small number of plants were lost on the eastern side, but most of the area remained unaffected.

Herbicide works were undertaken in spring 2022 and July 2023. Further herbicide control was undertaken in May and June 2024 to limit the reestablishment of exotic grasses in the burnt area.

All firebreaks and emergency access points continue to be maintained at the offset sites to the City of Rockingham 2024/2025 Fire Control Notice specifications. Firebreaks are sprayed for weeds and pruned of vegetation as necessary as part of ongoing scheduled maintenance for each reserve.

### 5.2 Weed control

Chemical and manual weed control has continued this reporting period at both offset sites DRCP and Trenant Park Wetland (TPW). Limited herbicide application was undertaken throughout the reveg area at DRCP in the later part of 2024 into 2025, given a new contractor had taken over the site and an emphasis on other areas of the reserve was implemented, including the firebreak maintenance. An intensive herbicide treatment program will resume at the reveg area throughout 2025. Activities undertaken are detailed in Table 4.

**Table 4 – weed control at offset sites**

| Activity  | Timing                                   | Site |
|---|--|------|
| Spot spraying (Glyphosate) of revegetation site                                       | June 2024                                | DRCP |
| Firebreak pruning   | November/December 2024                   | DRCP |
| Glyphosate spot spraying throughout revegetation site and greater reserve area        | 6-weekly maintenance visits              | TPW  |
| Firebreak pruning   | November/December 2024 and February 2025 | TPW  |
| Weed management post-arson near Dixon Road verge to reduce reestablishment of species | May/June/July 2025                       | DRCP |

### 5.3 Dieback management

In accordance with dieback hygiene procedures documented in the EOMP, measures to prevent the introduction or spread of dieback within the sites have continued to be implemented. Maintenance vehicle remain on designated tracks at all times

Although no dieback affected areas were identified in either offset area during the 2013 baseline studies, the City continues to visually monitor the reserves for evidence of new dieback infestations.

### 5.4 Feral animals

The City's annual feral animal control program has continued during the 2024/2025 financial year. Appropriately qualified and trained pest animal control contractors were engaged to target rabbits, foxes, and feral cats.

No signs of feral activity were noted at TPW during the period. One fox was caught at DRCP during autumn 2025.

Agricultural fencing is recommended in the EOMP for the offset sites. Initial revegetation planting at the reserves used individual tree guards as an alternative to protect the plants against predation. Given the infill nature of the planting, installing exclusion fencing around the revegetation site can be difficult.

Due to the low number of rabbits at DRCP and TPW, revegetation in 2024/2025 was undertaken without tree guards. Plants have been monitored, and minimal signs of predation witnessed. Future reveg projects will consider re-installation of tree guards should predation frequency increase. Furthermore, plants have grown well without the restriction of tree guards and there is no risk of collapsing guards suffocating plants between maintenance visits.

## **5.5 Access**

The offset sites are regularly monitored during routine maintenance activities to ensure integrity of fences and access gates. Additional visual inspections of perimeter fencing is carried out during six-monthly site audits. Any breaches or damage to fencing is reported and repaired as soon as possible. Pedestrian swing gates create access points to formal path networks to rationalise pedestrian access and prevent trampling of vegetation.

## **5.6 Revegetation**

Ongoing maintenance of planted areas has continued at both offset sites through 2024/2025. An additional 350 tubestock were planted at DRCP, and zero at TPW during winter 2024. For winter 2025, 1311 tubestock have been planted at TPW, and 1061 at DRCP. To date, a total of 20,389 plants have been installed at DRCP, and 4104 plants at TPW.

## **5.7 Monitoring**

Monitoring quadrats have been established as part of the City's offset monitoring program at each site. The representative quadrats are 10 x 10m plots, marked with GPS coordinates and stakes, and evaluated six-monthly in spring and autumn. Monitoring parameters are as per the EOMP and include:

- recording native and weed species at each quadrat
- recording density of native plants
- recording vegetation condition
- recording any areas of poor/declined vegetation health or failure of vegetation to establish or regenerate
- opportunistically recording any additional species revegetating outside of quadrats
- recording location of any Declared Plant infestations
- photopoint monitoring of quadrats to record levels of germination, change in weed cover and weed outbreaks.

The results of the quadrat surveys can be seen in Tables 5 and 6. Monitoring in spring 2022 and 2023 was missed due to staffing changes. Monitoring resumed however, in autumn 2023, and continued in 2024 and 2025. Spring monitoring also resumed in 2024. The results for the 2024 and 2025 autumn monitoring can be compared in Table 5. Spring

monitoring will be listed in the 2026 report following the 2025 monitoring, to provide a comparison.

The variation between autumn 2024 and autumn 2025 values has been noted in the far right column of the table. Red has been used to indicate where there has been a negative variation in values (i.e. increase in weed coverage or decrease in native plants) and green for positive variation (i.e. decrease in weeds or increase in native plants).

As of autumn 2025, coverage of native species at DRCP was an average of 33%, up 3% from autumn 2024. At TPW, native coverage in autumn 2025 was 70%, up from an average 57% coverage measured in autumn 2024.

Weed density at DRCP for the autumn 2025 monitoring was at an average of 3.5% across the monitoring quadrats, down 0.5% from autumn 2024. At TPW, the average weed density was 14%, the same density recorded in autumn 2024.

Photographs are taken during routine monitoring, which allows assessment of long term changes in site condition (Figures 1-4).

**Table 5: Monitoring quadrat species composition for offset sites (\*weed species)**

| Quadrat No.      | Species                  | Number of plants/ coverage Autumn 2024 | Number of plants/ coverage Autumn 2025 | Variation from Autumn 2024 to Autumn 2025 |
|------------------|--------------------------|--|--|---|
| <b>DRCP 01</b>   | Acacia pulchella         | 1                                      | 0                                      | ↓ 1 plant                                 |
| <b>mE384462</b>  | Acacia rostellifera      | 3                                      | 3                                      | No change                                 |
| <b>mN6427961</b> | Agonis flexuosa          | 0                                      | 0                                      | No change                                 |
|                  | Conostylis aculeata      | 0                                      | 0                                      | No change                                 |
|                  | Corymbia calophylla      | 0                                      | 0                                      | No change                                 |
|                  | Clematis linearifolia    | 0                                      | 0                                      | No change                                 |
|                  | Dianella revoluta        | 0                                      | 0                                      | No change                                 |
|                  | Dodonaea hacketiana      | 0                                      | 0                                      | No change                                 |
|                  | Eremophila glabra        | 0                                      | 0                                      | No change                                 |
|                  | Eucalyptus gomphocephala | 2                                      | 3                                      | ↑ 1 plant                                 |
|                  | Haka prostrata           | 0                                      | 0                                      | No change                                 |
|                  | Hemiantra pungens        | 0                                      | 0                                      | No change                                 |
|                  | Lomandra maritima        | 0                                      | 0                                      | No change                                 |
|                  | Olearia axillaris        | 0                                      | 0                                      | No change                                 |
|                  | Phyllanthus calycinus    | 0                                      | 0                                      | No change                                 |
|                  | Rhagodia baccata         | 1                                      | 1                                      | No change                                 |
|                  | *Arctotheca calendula    | 0                                      | 0                                      | No change                                 |
|                  | *Avena sp.               | 0                                      | 0                                      | No change                                 |
|                  | *Cucumis myriocarpus     | 0                                      | 0                                      | No change                                 |
|                  | *Euphorbia terracina     | 5%                                     | 0%                                     | ↓ 5% coverage                             |
|                  | *Hypochaeris sp.         | 0                                      | 0                                      | No change                                 |
|                  | *Medicago polymorpha     | 0                                      | 0                                      | No change                                 |
|                  | *Solanum nigrum          | 0                                      | 0                                      | No change                                 |
|                  | *Sonchus oleraceus/sp.   | 0                                      | 0                                      | No change                                 |
| <b>DRCP 02</b>   | Acacia rostellifera      | 41                                     | 48                                     | ↑ 7 plants                                |
| <b>mE384484</b>  | Acacia saligna           | 2                                      | 2                                      | No change                                 |
| <b>mN6427995</b> | Dianella revoluta        | 0                                      | 0                                      | No change                                 |
|                  | Eucalyptus gomphocephala | 3                                      | 1                                      | ↓ 2 plants                                |
|                  | Hakea prostrata          | 1                                      | 1                                      | No change                                 |
|                  | Lomandra maritima        | 1                                      | 1                                      | No change                                 |
|                  | Phyllanthus calycinus    | 0                                      | 0                                      | No change                                 |

| Quadrat No.                 | Species                       | Number of plants/<br>coverage<br>Autumn<br>2024 | Number of plants/<br>coverage<br>Autumn 2025 | Variation from<br>Autumn 2024 to<br>Autumn 2025 |
|-----------------------------|-------------------------------|---|--|---|
|                             | Xanthorrhoea preiossii        | 0   | 0  | No change                                       |
|                             | *Avena barbata/sp.            | 0   | 0  | No change                                       |
|                             | *Cucumis myriocarpus          | 0   | 0  | No change                                       |
|                             | *Euphorbia terracina          | 2%  | 0  | ↓ 2 % coverage                                  |
|                             | *Sonchus oleraceus/sp.        | 0   | 0  | No change                                       |
| <b>DRCP 03</b>              |                               |   |  |   |
|                             | Acacia pulchella              | 0   | 0  | No change                                       |
| <b>mE384464</b>             | Acacia rostellifera           | 23  | 29   | ↑ 6 plants                                      |
| <b>mN6428080</b>            | Acanthocarpus preissii        | 2   | 2  | No change                                       |
|                             | Banksia sessilis              | 0   | 0  | No change                                       |
|                             | Clematis linearifolia         | 2   | 2  | No change                                       |
|                             | Eucalyptus gomphocephala      | 0   | 0  | No change                                       |
|                             | Hakea prostrata               | 3   | 4  | ↑ 1 plant                                       |
|                             | Hardenbergia comptoniana      | 0   | 0  | No change                                       |
|                             | Hemiantra pungens             | 0   | 0  | No change                                       |
|                             | Olearia axillaris             | 5   | 5  | No change                                       |
|                             | Rhagodia baccata              | 3   | 3  | No change                                       |
|                             | Templetonia retusa            | 0   | 0  | No change                                       |
|                             | *Arctotheca calendula         | 0   | 0  | No change                                       |
|                             | *Avena fatua                  | 0   | 0  | No change                                       |
|                             | *Crassula sp.                 | 0   | 0  | No change                                       |
|                             | *Erodium sp.                  | 0.1%  | 0  | ↓ 0.1 % coverage                                |
|                             | *Euphorbia terracina          | 5%  | 5%   | No change                                       |
|                             | *Hypochaeris radicata         | 0   | 0  | No change                                       |
|                             | *Lolium rigidum               | 0   | 0  | No change                                       |
|                             | *Rumex crispus                | 0   | 0  | No change                                       |
|                             | *Solanium nigrum              | 0   | 0  | No change                                       |
|                             | *Sonchus tenerrimus           | 0   | 0  | No change                                       |
| <b>DRCP quadrat average</b> |                               |   |  |   |
|                             | <b>Average natives per m2</b> | <b>0.30</b>                                     | <b>0.33</b>                                  | <b>↑ 0.03</b>                                   |
|                             | <b>Average weeds coverage</b> | <b>4%</b>                                       | <b>3.5%</b>                                  | <b>↓ 0.5%</b>                                   |
| <b>TPW 01</b>               |                               |   |  |   |
|                             | Acacia lasiocarpa             | 1   | 1  | No change                                       |
| <b>mE384327</b>             | Acacia pulchella              | 3   | 6  | ↑ 3 plants                                      |
| <b>mN6411816</b>            | Acacia saligna                | 4   | 5  | ↑ 1 plant                                       |
|                             | Austrostipa compressa         | 9   | 0  | ↓ 9 plants (possible misidentification)         |
|                             | Austrostipa flavescens        | 3   | 12   | ↑ 9 plant                                       |
|                             | Callitris preissii            | 9   | 9  | No change                                       |
|                             | Conostylis candidans          | 1   | 0  | ↓ 1 plant                                       |
|                             | Baumea juncea                 | 0   | 0  | No change                                       |
|                             | Billardiera heterophylla      | 0   | 1  | ↑ 1 plant                                       |
|                             | Dianella revoluta             | 0   | 0  | No change                                       |
|                             | Eucalyptus gomphocephala      | 4   | 4  | No change                                       |
|                             | Ficina nodosa                 | 10%   | 5%   | ↓ 5% coverage                                   |
|                             | Gahnia trifida                | 0   | 0  | No change                                       |
|                             | Jacksonia furcellata          | 2   | 2  | No change                                       |
|                             | Jacksonia sternbergiana       | 1   | 0  | ↓ 1 plant                                       |
|                             | Juncus kraussii               | 0   | 0  | No change                                       |
|                             | Kennedia prostrata            | 1   | 0  | ↓ 1 plant                                       |
|                             | Lepidosperma gladiatum        | 2   | 1  | ↓ 1 plant                                       |
|                             | Lepidosperma longitudinale    | 10% (1)   | 10%  | No change                                       |

| Quadrat No.      | Species                          | Number of plants/<br>coverage<br>Autumn<br>2024 | Number of plants/<br>coverage<br>Autumn 2025 | Variation from<br>Autumn 2024 to<br>Autumn 2025 |
|------------------|----------------------------------|---|--|---|
|                  | <i>Patersonia occidentalis</i>   | 2   | 0  | ↓ 2 plants                                      |
|                  | <i>Rhagodia baccata</i>          | 3   | 6  | ↑ 3 plants                                      |
|                  | <i>Spyridium globulosum</i>      | 3   | 7  | ↑ 4 plants                                      |
|                  | <i>Thysanotus manglesianus</i>   | 5   | 0  | ↓ 5 plants                                      |
|                  | <i>Tricoryne elatior</i>         | 8%  | 4%   | ↓ 4% coverage                                   |
|                  | <i>Tricoryne tenella</i>         | 0   | 0  | No change                                       |
|                  | * <i>Avena fatua</i>             | 0   | 0  | No change                                       |
|                  | * <i>Briza maxima</i>            | 0   | 0  | No change                                       |
|                  | * <i>Ehrharta calycina</i>       | 2%  | 2%   | No change                                       |
|                  | * <i>Ehrharta longiflora</i>     | 1%  | 0  | ↓ 1% coverage                                   |
|                  | * <i>Erigeron canadensis</i>     | 0.1%  | 0  | ↓ 0.1% coverage                                 |
|                  | * <i>Euphorbia terracina</i>     | 0.1%  | 0.2%   | ↑ 0.1% coverage                                 |
|                  | * <i>Fumaria capreolata</i>      | 0   | 0  | No change                                       |
|                  | * <i>Poa annua</i>               | 0   | 0  | No change                                       |
|                  | * <i>Solanum nigrum</i>          | 0   | 0  | No change                                       |
|                  | * <i>Sonchus tenerrimus</i>      | 0   | 0  | No change                                       |
|                  | * <i>Stenotaphrum secundatum</i> | 2%  | 2%   | No change                                       |
| <b>TPW 02</b>    | <i>Acacia cyclops</i>            | 1   | 1  | No change                                       |
| <b>mE384402</b>  | <i>Acacia pulchella</i>          | 1   | 1  | No change                                       |
| <b>mN6412089</b> | <i>Acacia saligna</i>            | 0   | 0  | No change                                       |
|                  | <i>Austrostipa flavescens</i>    | 3   | 15   | ↑ 12 plants                                     |
|                  | <i>Banksia sessilis</i>          | 1   | 1  | No change                                       |
|                  | <i>Corymbia calophylla</i>       | 16  | 22   | ↑ 6 plants<br>(resprouted)                      |
|                  | <i>Centella asiatica</i>         | 0   | 0  | No change                                       |
|                  | <i>Dianella revoluta</i>         | 2   | 2  | No change                                       |
|                  | <i>Eucalyptus gomphocephala</i>  | 3   | 4  | ↑ 1 plant                                       |
|                  | <i>Eucalyptus rudis</i>          | 2   | 0  | ↓ 2 plants                                      |
|                  | <i>Ficinia nodosa</i>            | 3   | 3  | No change                                       |
|                  | <i>Hakea prostrata</i>           | 2   | 2  | No change                                       |
|                  | <i>Hakea varia</i>               | 1   | 1  | No change                                       |
|                  | <i>Isolepis cernua</i>           | 0   | 0  | No change                                       |
|                  | <i>Lepidosperma gladiatum</i>    | 0   | 0  | No change                                       |
|                  | <i>Leucopogon parviflorus</i>    | 0   | 0  | No change                                       |
|                  | <i>Lobelia tenuor</i>            | 0   | 0  | No change                                       |
|                  | <i>Muehlenbeckia adpressa</i>    | 0   | 0  | No change                                       |
|                  | <i>Rhagodia baccata</i>          | 10  | 8  | ↓ 2 plants                                      |
|                  | <i>Spyridium globulosum</i>      | 5   | 7  | ↑ 2 plants                                      |
|                  | <i>Styphelia propinqua</i>       | 1   | 1  | No change                                       |
|                  | <i>Tricoryne elatior</i>         | 1   | 1  | No change                                       |
|                  | * <i>Anemone</i> sp.             | 0   | 0  | No change                                       |
|                  | * <i>Arctotheca calendula</i>    | 0   | 0  | No change                                       |
|                  | * <i>Ehrharta calycina</i>       | 15%   | 8%   | ↓ 7% coverage                                   |
|                  | * <i>Ehrharta longiflora</i>     | 2%  | 2%   | No change                                       |
|                  | * <i>Erigeron canadensis</i>     | 1%  | 0  | ↓ 1% coverage                                   |
|                  | * <i>Euphorbia terracina</i>     | 3%  | 0  | ↓ 3% coverage                                   |
|                  | * <i>Fumaria capreolata</i>      | 0   | 0  | No change                                       |
|                  | * <i>Hypochoeris radicata</i>    | 1%  | 0  | ↓ 1% coverage                                   |
|                  | * <i>Hypochoeris tadicata</i>    | 0   | 0  | No change                                       |
|                  | * <i>Rumex</i> spp.              | 0   | 0  | No change                                       |
|                  | * <i>Scabiosa atropurpurea</i>   | 0   | 0  | No change                                       |
|                  | * <i>Senecio condylos</i>        | 0   | 0  | No change                                       |

| Quadrat No.                | Species                       | Number of plants/<br>coverage<br>Autumn<br>2024 | Number of plants/<br>coverage<br>Autumn 2025 | Variation from<br>Autumn 2024 to<br>Autumn 2025 |
|----------------------------|-------------------------------|---|--|---|
|                            | *Solanum nigrum               | 0   | 0  | No change                                       |
|                            | *Sonchus tenerrimus           | 0   | 0  | No change                                       |
|                            | *Veronica spp                 | 0   | 0  | No change                                       |
| <b>TPW 03</b>              | Acacia saligna                | 1   | 2  | ↑ 1 plant                                       |
|                            | Acanthocarpus preissii        | 1   | 1  | No change                                       |
| <b>mE384419</b>            | Banksia littoralis            | 0   | 0  | No change                                       |
| <b>mN6412167</b>           | Banksia menziesii             | 0   | 0  | No change                                       |
|                            | Banksia sessilis              | 0   | 0  | No change                                       |
|                            | Callitris preissii            | 5   | 7  | ↑ 2 plants                                      |
|                            | Eucalyptus gomphocephala      | 5   | 4  | ↓ 1 plant                                       |
|                            | Ficinia nodosa                | 2%  | 1%   | ↓ 1% coverage                                   |
|                            | Hakea prostrata               | 5   | 6  | ↑ 1 plant                                       |
|                            | Hakea varia                   | 0   | 0  | No change                                       |
|                            | Isolepis cernua               | 0   | 0  | No change                                       |
|                            | Lepidosperma longitudinale    | 2%  | 0.5%   | ↓ 1.5% coverage                                 |
|                            | Lobelia tenuior               | 0   | 0  | No change                                       |
|                            | Rhagodia baccata              | 7   | 5  | ↓ 2 plants                                      |
|                            | Spyridium globulosum          | 4   | 4  | No change                                       |
|                            | *Anemone sp.                  | 0   | 0  | No change                                       |
|                            | *Arctotheca calendula         | 0   | 0  | No change                                       |
|                            | *Aspodelus fistulosus         | 1%  | Not recorded                                 | Not recorded                                    |
|                            | *Avena barbata                | 0   | 0  | No change                                       |
|                            | *Avena fatua                  | 0   | 0  | No change                                       |
|                            | *Briza maxima                 | 0   | 0  | No change                                       |
|                            | *Crepis foetida               | 0   | 0  | No change                                       |
|                            | *Ehrharta calycina            | 15%   | 1%   | ↓ 14% coverage                                  |
|                            | *Ehrharta longiflora          | 0   | 1  | ↑ 0.1% coverage                                 |
|                            | *Euphorbia terracina          | 0   | 0  | No change                                       |
|                            | *Fumaria capreolata           | 0   | 0  | No change                                       |
|                            | *Poa annua                    | 0   | 0  | No change                                       |
|                            | *Scabiosa atropurpurea        | 0   | 0  | No change                                       |
|                            | *Trachyandra divaricata       | 0   | 0.2%   | ↑ 0.2% coverage                                 |
|                            | *Veronica spp.                | 0   | 0  | No change                                       |
| <b>TPW quadrat average</b> |                               |   |  |   |
|                            | <b>Average natives per m2</b> | <b>0.57</b>                                     | <b>0.70</b>                                  | <b>↑ 0.13</b>                                   |
|                            | <b>Average weeds coverage</b> | <b>0.14</b>                                     | <b>0.14</b>                                  | <b>No change</b>                                |

**Table 6 – Vegetation condition in monitoring quadrats 2025**

| Quadrat No.  | DRCP 01  | DRCP 02  | DRCP 03   | TP 01  | TP 02                       | TP 03   |
|--|--|--|---|--|-----------------------------|---|
| Density of native species (% cover)  | 18%  | 25%  | 55%   | 70%  | 70%                         | 70%   |
| Levels of native species germination (% cover)   | 0%   | 1%   | 1%  | 0.5%   | 0.1%                        | 0.4%  |
| Weed coverage (% cover)  | 0%   | 0%   | 5%  | 0.2%   | 10%                         | 3%  |
| Vegetation condition (vegetation condition rating scale, Keighery 1994)                          | Degraded   | Degraded   | Good  | Very Good  | Good                        | Good  |
| Any areas of poor/declined vegetation health or failure of vegetation to establish or regenerate | Yes, most planted species are dead, large area of bare ground  | Yes, most planted species are dead                       | Yes, some planted species are dead, large area of bare ground | No   | No                          | Yes, areas of dead mature vegetation ( <i>Banksia sessilis</i> , <i>Eucalyptus rudis</i> , <i>Hakea varia</i> ) |
| Opportunistic additional species revegetation outside of the quadrats?                           | <i>Dodonaea hackettiana</i> ,<br><i>Hakea prostrata</i> ,<br><i>Eremophila glabra</i> ,<br><i>Acacia pulchella</i> | <i>Rhagodia baccata</i> ,<br><i>Dodonaea hackettiana</i> | <i>Hakea prostrata</i>  | <i>Rhagodia baccata</i> ,<br><i>Acacia pulchella</i> ,<br><i>Dianella revoluta</i> ,<br><i>Olearia axillaris</i> ,<br><i>Tricoryne elatior</i> | <i>Spyridium globulosum</i> | <i>Rhagodia baccata</i>   |
| Location of any declared plant infestation   | None   | None   | None  | None   | None                        | None  |

**Figure 1: Revegetation monitoring –Dixon Road Conservation Precinct**

| Quadrat   | Autumn 2024   | Spring 2024  | Autumn 2025   |
|---|---|--|---|
| <p><b>DRCP 01</b><br/>Photo from eastern corner</p> |  |  |  |
| <p><b>DRCP 02</b><br/>Photo from western corner</p> |  |  |  |

Figure 2: Revegetation monitoring –Dixon Road Conservation Precinct







