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ATTENTION: ██████████

**SUBJECT: 3650 TOODYAY ROAD – REVEGETATION MANAGEMENT PLAN ADDENDUM**

### **Project Background**

Trico Resources has been granted development approval (WAPC 27-50106-1) for gravel extraction at 3650 Toodyay Road, Bailup (the Site). In order to provide safe site access for heavy vehicles and machinery without disrupting traffic on Toodyay Road, a road widening and construction of an acceleration lane is required. The proposed works necessitate the total clearing of 1.25 ha of native vegetation within the road reserve adjacent to the property.

A condition of the planning approval, the Shire of Mundaring required a Landscaping Plan to be prepared, iPlan 2021 (Appendix A). The plan commits to the revegetation of 1.8 ha with a minimum of 2 plants planted per each lost plant.

A Native Vegetation Clearing Permit (NVCP) application was submitted to the Department of Water and Environmental Regulation (DWER) in 2024. DWER assessed the proposed clearing which included impact to 1.17 ha of high value foraging habitat for the threatened black cockatoo species Carnaby's black cockatoo (*Zanda latirostris*), Baudin's black cockatoo (*Zanda baudinii*) and Forest red-tailed black cockatoo (*Calyptorhynchus banksia naso*).

The provision of an offset of a total of 2.44 ha was requested by DWER. The Department indicated that the planned 1.8 ha of revegetation can be used as part of the offset if other offset criteria are met. This would leave another 0.64 ha of required offsets. DWER indicated that the existing revegetation area could be extended to fulfill the total offset requirements.

This letter has therefore been prepared as addendum to the 2021 Landscape Plan to meet DWER's offset requirements.

## Offset Strategy

### Existing Landscape Plan

The key aspects of the 2021 Landscape Plan are summarised in Table 1 below.

Table 1: Summary of Existing 2021 Landscape Plan

Vegetation type	Description
Revegetation Area	30 m x 600 m corridor within the property, Area extent: 1.8 ha (3 m fire break to be implemented between road and revegetation area in accordance with the <i>Planning for Bushfire Protection Guidelines</i> .)
Species	Locally native species. Main tree species are marri, jarrah, flooded gum. <i>Xanthorrhoea preissii</i> and wandoo. A species list can be found in Appendix F of the Landscaping Plan.
Revegetation Method	Direct seeding a broad range of selected varieties at a rate of 4,000 grams of seeds per hectare which will create a superior outcome to planting individual tube stock. The area will have a larger and much denser landscape of native vegetation to compensate for vegetation affected by construction works.
Weed Control	Spot spraying with glyphosate or similar herbicide during next growing period so that weed management can occur over several seasons prior to seeding.
Timing	Seeding is to be undertaken in May.
Fencing	A fence will be installed surrounding the entire revegetation area to minimise disturbances to the vegetation.

### Extension to 2021 Landscape Plan

Trico Resources has committed to extending the area of revegetation to 2.44 ha by adding another 215 m to the existing 30 m wide revegetation corridor as presented in Figure 1. This equals an additional area of 0.645 ha and therefore meets the total offset requirements of 2.44 ha (1.8 ha from the 2021 plan + 0.645 ha = 2.445 ha). Species mix and revegetation methods will remain the same as in the existing landscape plan.

### Completion Criteria

The existing landscape plan was developed based on the Shire of Mundaring's requirement of a 1:2 removal to replacement quantity. A total of 896 trees were identified to be removed (including *Xanthorrhoea preissii*). The plan therefore committed to planting a minimum of 1,792 trees within the original 1.8 ha. This equals 0.1 tree per square metre or one tree per 10 square metres. For the groundcover a quantity of 2,500 plants was identified to comprise double the plants that will be lost. This equals a plant density of 0.25 plants per square metre or 1 plant per 4 square metres. The same density will be applied as completion criteria for the extended area.

Completion criteria are summarised in Table 2.

**Table 2: Completion Criteria**

Criteria	Basis	Target	Monitoring Methodology
<b>Planting Density</b>	5 m x 5 m Quadrats	Upper story: 1 tree per 10 m <sup>2</sup> Mid- and groundstory: 1 plant per 4 m <sup>2</sup>	Scored from quadrats as following: Upper story: 2-3 individuals per 25 m <sup>2</sup> quadrat Mid- and groundstory: 6-7 plants per 25 m <sup>2</sup>
<b>Weed</b>	Quadrats as above	Weed species and cover do not appear to be significantly limiting the establishment of native vegetation.  No woody, rhizomatous, bulbous and Declared Pest Plants or Weeds of National Significance present.  Perennial grasses will be kept below 150 mm and no greater than 5% coverage.	Observation of weeds present and impact by experienced landscaping specialist at each representative survey site (quadrat).

Monitoring will be implemented as stated in the Landscape Plan for the entire revegetation area.

### Contingency Measurements

The original Landscape Plan did not provide for the implementation of contingency measure. These are therefore provided in Table 3 for the entire revegetation area.

**Table 3: Contingency Measures**

Criteria	Potential Issue	Corrective Actions
<b>Plant Density &amp; Survival</b>	Given the high amount of seeds that will be sown initially, it is considered unlikely that infill planting or repeated seeding will be required. If unexpected events, such as drought, fire, severe weather events, disease or other disturbances should lead to a significant loss of plants and plant densities should be decreasing below the defined target, the need for contingency measures will be assessed.	Undertake infill planting or repeated sowing.  Application of fertiliser.  Further infill may be required if criteria continue to not be met.
<b>Weed Control</b>	Weed abundance identified as significantly limiting establishment of landscaping and exceeding coverage limits defined in <b>Table 2</b> .	Increase frequency of weed control events. Use monitoring to inform required frequency.

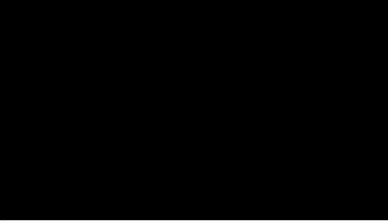
Other maintenance methods will be implemented as stated in the Landscape Plan.



## Conservation Covenant

The revegetated area will be placed under a conservation covenant with the Commissioner of Soil and Land Conservation under s30 of the *Soil and Land Conservation Act 1945* to ensure permanent protection of the environmental values within the revegetation area. Once the agreement is in place, documentation of

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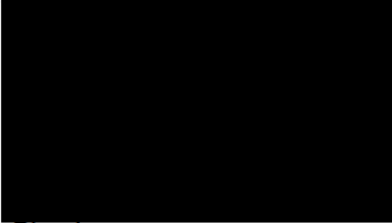




This report should be read in conjunction with the Schedule - Statement of Limitations. Should you have any queries regarding the above, please contact the undersigned on (08) 6162 8980.

Yours sincerely,

Western Environmental Approvals Pty Ltd



Director

Schedule

- Statement of Limitation

Appendices

- Appendix A: 2021 Landscape Plan



## **Statement of Limitations**

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The scope of services did not include any assessment of the title to or ownership of the properties, buildings and structures referred to in this report, or the application or interpretation of laws in the jurisdiction in which those properties, buildings and structures are located.

### **Reliance on Data**

In preparing this report, WEPL has relied on data, surveys, analyses, designs, plans and other information provided by the Client (or its agents), other individuals and organisations ("the data").

Except as otherwise stated in this report, WEPL has not verified the accuracy or completeness of the data. WEPL does not represent or warrant that the data is true or accurate, and disclaims any and all responsibility or liability with respect to the use of the data.

To the extent that the statements, opinions, facts, information, conclusions and/or recommendations in this report ("conclusions") are based in whole or part on the data, those conclusions are contingent upon the accuracy and completeness of the data.

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The conclusions must also be considered in light of the agreed scope of services (including any [REDACTED] (in) and the methods used to carry out those services, both of which [REDACTED] in this report.

## **Environmental Conclusions**

[REDACTED] e of services, WEPL has conducted environmental field monitoring and/or testing in the preparation of this report. The nature and extent of monitoring and/or testing conducted is described in this report.

On all sites, varying degrees of non-uniformity of vertical and horizontal conditions in media (soil, water, air, waste or other media as described in the report) are encountered. Hence no monitoring, common testing or sampling technique can eliminate the possibility that monitoring or testing results/samples are not totally representative of media conditions encountered. The conclusions are based on the data and the environmental field monitoring and/or testing actually undertaken, and are therefore merely indicative of the environmental condition of the site at the time of preparing this report, including the presence or otherwise of contaminants or emissions. It should be recognised that site conditions, including the extent and concentration of contaminants, can change.

Within the limitations imposed by the scope of services, the monitoring, testing, sampling and preparation of this report have been undertaken and performed in a professional manner, in accordance with generally accepted practices and using a degree of skill and care ordinarily exercised by reputable environmental consultants under similar circumstances. To the maximum extent permitted by law, no other warranty, express or implied, is made.

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If an Auditor is engaged by the Client to undertake review of this report, it shall be made available

#### Other Limitations

...conditions of the agreement between the Client and WEPL and the  
...e read in its entirety, and sections or parts of this report should therefore not be read and relied on out of context.

WEPL will not be liable to update or revise this report to take into account any events or circumstances or facts becoming apparent after the date of this report.



**APPENDIX A      2021 Landscape Plan**

