CONSTRUCTION ENVIRONMENTAL MANAGEMENT PLAN (CEMP)

PROJECT	**WADANDI TRACK**

LOCATION	**CARBUNUP BRIDGE TO GARDINER ROAD (CITY OF BUSSELTON) AND GARDINER ROAD TO DAVIES ROAD (SHIRE OF AUGUSTA MARGARET RIVER)**

DOCUMENT CONTROL

Review	Initial and Company	Revision	Date
Author	SP (SW Environmental)	Revision 0	02/05/2026
Reviewed	HB (AMR) WO (CoB)	Revision 1	14/04/2026
Reviewed			
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Attachment 3 Construction Environmental Management Plan (CEMP)
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- **4.1 Induction checklist**
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- **4.3 Environmental incident form**

Attachment 5 Phytophthora Dieback Management Plan

Abbreviations and acronyms

Organisations	
DBCA	Department of Biodiversity, Conservation and Attractions
DCCEEW	Federal Department of Climate Change, Energy, the Environment and Water
DPIRD	Department of Primary Industries and Regional Development
DPLH	Department of Planning, Lands and Heritage
DWER	WA Department of Water and Environmental Regulation
EPA	Environmental Protection Authority
The City	The City of Busselton
The Shire	The Shire of Augusta Margaret River
Common Terms	
ASS	Acid sulfate soils
Black cockatoos	Carnaby's cockatoo (*Zanda latirostris*), Baudin's cockatoo (*Zanda baudinii*), and/or Forest Red-tailed Black Cockatoo (*Calyptorhynchus banksii* subsp. *naso*)
CEMP	Construction Environmental Management Plan
CoA	Conditions of approval
Environmental aspect	Defined by AS/NZS ISO 14001:2004 as an element of an organisation's activities, products or services that can interact with the environment.
Environmental impact	Defined by AS/NZS ISO 14001:2004 as any change to the environment, whether adverse or beneficial, wholly or partially resulting from an organisation's environmental aspects.
Environmental incident	An unexpected event that has, or has the potential to, cause harm to the environment and requires some action to minimise the impact or restore the environment.
LG	Local Government
LGA	Local Government Area
LG EO	Local Government Environmental Officer
MNES	Matters of National Environmental Significance
Non-compliance	Failure to comply with the requirements of the Project approval or any applicable license, permit or legal requirements.
Non-conformance	Failure to conform to the requirements of Project system documentation including this CEMP or supporting documentation.
Project	The proposed action
SW	Southwest
Survey Area	The Wadandi Track to a width of 2.5 - 4 m including approved ancillary works locations
TEC / PEC	Threatened or Priority ecological community as gazetted under State or Federal law
WA	Western Australia

Works Section	Sections 3-10 within the CoB, Sections 11, 20-28 within the Shire of AMR as mapped in .
WRP	Western Ringtail Possum (*Pseudocheirus occidentalis)*
Legislation	
AH Act	*Aboriginal Heritage Act 1972*
BC Act	*Biodiversity Conservation Act 2016* (WA)
BC Regs	*Biodiversity Conservation Regulations 2018* (WA)
BAM Act	*Biosecurity and Agriculture Management Act 2007*
EP Act	*Environmental Protection Act 1986* (WA)
EPBC Act	*Environment Protection and Biodiversity Conservation Act 1999 (Federal)*
RIWI Act	*Rights in Water and Irrigation Act 1914*
Measurements	
ha	Hectare
km	Kilometre
m	Metre

1 INTRODUCTION

1.1 BACKGROUND

The City of Busselton (the City) and the Shire of Augusta Margaret River (the Shire), collectively referred to as the Project Team / Principal Contractor, for each respective local government area (LGA), have been successful in receiving part of a $17.5 M grant from the WA Department of Transport to be paid over four years for the construction of the remaining sections of the Wadandi Track. The 'track', formerly known as the Busselton-Flinders Bay Rail Trail, will be extended from the existing built 54 km (constructed around 2012) to nearly 110 kilometres between both LGAs. The 'Project' is located along the old rail formation of the Busselton to Flinders Bay Railway. The track will provide a new outdoor experience for locals and visitors and showcase the heritage of the former rail line. The Project location is shown in Attachment 1.

Project Flora and Fauna Survey Reports (in preparation; SW Environmental, 2026; Ecosystem Solutions, 2025) identify baseline biodiversity values along the road verge and was used to guide the Project design along with consultation with the Department of Biodiversity Conservation and Attractions (DBCA) Parks and Wildlife Service Blackwood District. Critical flora, fauna and vegetation aspects identified along the track are tabled below. SW Environmental was engaged to prepare a Construction Environmental Management Plan (CEMP) for the managing of construction of the track, with the aim of mitigating environmental and biodiversity impacts during trail construction as much as feasibly possible.

In addition to avoidance measures (including work exclusion areas), construction controls will be implemented to avoid accidental impact and mitigate overall Project impacts. Environmental aspects that will be managed through the CEMP include general environmental aspects and critical environmental constraints (site specific), to ensure best practice management and to meet the expectations of the Regulators and broader community. Construction is planned to commence in winter 2026.

1.2 PROJECT ACTIVITIES AND SCOPE

1.2.1 Project Description

The approximate 67.1 km track alignment will be constructed over two years - 29.6 km within the CoB, 37.5 km within the Shire (subject to change), as shown in Attachment 1. Most of the alignment follows the existing rail formation that was operational from 1884 to 1957, decommissioned ~70 years ago. The alignment is of a low gradient, suitable for historic rail operation and now perfect for a walking track, with an original constructed width of approximately 4 m wide and localised cut and fill batters of up to approximately 2 m.

To deliver a safer walking track, with higher accessibility, new and refurbished bridges, smaller water crossings and new sections of track are proposed. The Project design, as issued by Common Ground Trails (Version C - ISSUE FOR TENDER 20.02.2026) considered a range of measures to avoid, minimise, mitigate and manage proposed clearing impacts. The proposed track will be 2 - 2.5 m wide, requiring clearing to achieve a total disturbance footprint of up to 4 m in width (including drainage and other design requirements).

This CEMP covers the entire Project, west of Carbunup River. The Project will be constructed in stages due to areas still to be surveyed/finalised, clearing approvals, construction phases and seasonal construction restrictions – Sections 3 - 10 within the CoB, Sections 11, 20 - 28 within the Shire of AMR. **Only some sections are approved for development (Section 1.4).**

1.2.2 Scope of Construction

The scope of the Project includes, but is not limited to:

- Controlled clearing of vegetation,
- General flora, fauna, vegetation management,
- Management of drainage lines,
- Restricted vehicle, plant and personnel movements,
- Dieback management,
- Weed management,
- Construction of the track and associated infrastructure (hard stands, bridges, etc).

1.2.3 Construction Methods

Construction will be achieved by clearing, scalping of topsoils, importation of fill (if required where the trail does not follow the existing trail alignment), importation of gravel or crushed lime stone, compaction, installation of signage and other ancillary features, cleanup and revegetation / landscaping (if required subject to a separate Revegetation Management Plan). Drainage works will depend on whether a culvert / bridge is being replaced or reinstated.

Riparian vegetation, or the bed and banks of a watercourse will not be impacted without prior approval, including for the construction and installation of bridges and drainage crossings.

ASS soil investigations and management may be required at some locations where excavations occur below the water level.

Site compound or machinery storage areas are not proposed. Ancillary features will be limited to material stockpile sites, a portable ablution facility if required and other essential infrastructure (modular bridges, culverts and signage). Numerous stockpile sites will be required along the alignment to enable the management of gravel, crushed limestone, bridge/culvert materials, fill and potentially topsoil, mulch, vegetation, rubbish and construction materials. For example:

- Excavated material to be used in fill embankments associated with drainage lines and sections of new track that are not located on the existing rail formation.
- Acid Sulfate Soils (ASS) subject to treatment prior to reuse (if encountered).
- Excavated material unsuitable for reuse in the formation and rubbish from the existing alignment.
- Excess gravel or crushed limestone and other material stored for either future use in the Project or prior to removal from site.
- Topsoil, mulch, excess timber for landscaping / revegetation works.
- Topsoil containing weedy material that will be disposed of in designated green waste locations.

1.2.4 Stockpiles

Exact locations of stockpiles / hardstands will be determined (agreed to by the LG EO, Principal PM, Principal SS and Principal ER) on site prior to the commencement of clearing.

The locations will be updated in the CEMP and associated Figures and demarcated on the ground. Example locations may be at track head locations / car parks / or over the new cleared track surface. No go zones (off-limit areas) for stockpiles will also be clearly identified.

General location criteria and environmental protection measures to be applied for the location of stockpile sites, rubbish or other construction storage are outlined in the CEMP.

Where the CEMP criteria for stockpile management cannot be met, a site-specific environmental assessment will be undertaken by a suitably qualified environmental professional to demonstrate how potential impacts can be avoided or mitigated to an acceptable standard (approved by the LG EO, Principal PM, Principal SS and Principal ER).

1.2.5 Construction Timing

Construction of the Project is estimated to commence on [insert start date e.g. mid-2026] and take approximately [insert time frame]. Table 1-1 provides a summary of the relevant construction activities, construction phases and timing.

Table 1-1 Construction timing for the Project

Activity / phase	Description of works to be undertaken	Anticipated timing
Planning	• Finalisation of CEMP • Establishment of stockpile locations or treatment and update CEMP and Figures • Utility identification/relocation (if required) • Environmental and other surveys (e.g. flora if required) • Design and approval of clearing boundaries and environmental protection measures, including site pegging and on ground delineation • Geotechnical/engineering investigations for drainage crossings • ASS investigation at drainage work locations on site by site basis (self-assessment form, then Preliminary ASS Assessments if required, update EWMS).	[Timing start and duration]
Site preparation	• Environmental induction for all personnel • Fauna / flora preclearance checks • Site pegging and demarcation of clearing boundaries and no-go areas • Installation of protective fencing / flagging around high value or sensitive areas if required • Clearing and grubbing • Rubbish removal • Scalping • Mulching • Stockpiling topsoil and vegetation material for use in rehabilitation • Removal of weedy material in designated green waste locations	[Timing start and duration]
Drainage	• Installation of erosion and sediment (ERSED) controls such as silt fences prior to works in drainage areas • Replacement/reinstatement of culverts/drainage features/bridges	[Timing start and duration]
Earthworks / track construction	• Haulage / stockpiling of material • Batter treatment (fill batters if required) • Tracks and track head base / base layers and surfacing (compacted gravel for track heads, compacted limestone for track) • Spreading of topsoil in rehabilitation areas (if required)	[Timing start and duration]

Activity / phase	Description of works to be undertaken	Anticipated timing
Ancillary and finishing works	• Interpretative signage • Bollards • Fencing / gates • Landscaping / revegetation • Site clean up	[Timing start and duration]

1.2.6 Clearing Impacts

Where the formation is intact, the 4 m wide surface has been heavily compacted to hardstand conditions, with limited natural revegetation. Regrowth is often limited to ground cover, weedy and native, or occasional shrubs and small native trees less than 30 cm diameter at breast height (DBH). The track will utilise the existing formation in most instances and will require scraping and reinstatement of the original gravel surface rather new subsurface or cut and fill batters. In places vegetation has regrown along edges of the track and only minor edge clearing is required to achieve accessibility and safety standards.

Minor deviations from the existing rail alignment are proposed to avoid or minimise vegetation clearing. Parts of the track occur within cleared areas, including firebreaks and clearings, light regrowth due to the hardstand nature of the existing trail and heavily vegetated areas. Some vegetated sections of the alignment are constrained by high environmental values.

1.2.7 Clearing Approvals

Consultation has been carried out with the Department of Biodiversity Conservation and Attractions (DBCA) Parks and Wildlife Service Blackwood District and Native Vegetation Clearing Branch of the Department of Water and Environmental Regulation (DWER).

Clearing will be carried out under *Regulation 5, Item 13 Clearing for walking tracks* exemption pursuant to the *Environmental Protection Act 1986* (WA) (EP Act) and the *Environmental Protection (Clearing of Native Vegetation) Regulations 2004* (WA) (Regulations) except in Environmentally Sensitive Areas (ESAs) declared under section 51B of the EP Act or where further survey is required. Other areas will require a Clearing Permit under the EP Act (mapped in Attachment 1; Conditions of Approval provided in Attachment 2).

The approximate breakdown of clearing categories (subject to change) include:

- **No clearing of native vegetation: 24.29 km**
- **Exempt: 23.44 km**
- **Clearing Permit required: 16.96 km**
- **Further survey required: 2.41 km**

1.3 CEMP SCOPE AND OBJECTIVES

The CEMP relates to the full Wadandi Track construction Project (Attachment 1) west of the Carbunup River bridge to the coastline at Davies Road, Augusta. The CEMP has been prepared for the Project to manage the environmental impacts associated with the construction phase. All clearing categories will be managed consistently to the same environmental standards. The CEMP

- Identifies the critical environmental aspects and their locations along the track,
- Outlines the general environmental aspects relating to the track,

- Presents the requirements of environmental legislation, Project approvals, licences and permits
- Outlines key management actions to be undertaken during construction,
- Assigns roles and responsibilities for implementation of the management actions,
- Details timing for the implementation and completion of management actions, and
- Defines monitoring and contingency actions for the works.

This CEMP has been prepared to provide a framework document detailing how the Principal Contractor and its sub-contractors will manage environmental aspects of the Project during construction. The CEMP is a working document to ensure that obligations and commitments provided in the relevant licences, permits and CoA's are communicated to all site personnel and implemented. It also details processes to avoid or minimise construction impacts of the Project on adjacent sensitive areas.

1.4 CONDITIONS OF APPROVAL

Several approvals, permits and licenses have and/or will be obtained for the Project. The Register in Attachment 2 (Table A-2) must be maintained by the Principal and LG PMs. It will be reviewed prior to the stage of construction and following the release of each type of clearing (Exempt, Clearing Permit).

The LG PM has obtained the license / permit, unless noted otherwise, and is the license / permit holder for the works. The Principal Contractor shall ensure compliance with all licence / permit conditions and notify the LG PMs of any environmental incidents (Section 2.5 and Attachment 3). If additional license / permits are required, then the Principal PM should liaise with the LG PMs to ensure that the license / permit is held by the appropriate party.

1.5 GENERAL ENVIRONMENTAL ASPECTS

The South West of Western Australia is internationally recognised biodiversity hotspot, one of 25 terrestrial hotspots in the world and the only one in Australia. The Wadandi Trail aims to showcase these values and is subject to numerous environmental constraints. General environmental aspects associated with the Project during construction include:

- Native vegetation,
- Threatened. Priority and significant flora and ecological communities,
- Critical habitat for Threatened flora,
- Fauna and fauna habitat management,
- Drainage lines / wetlands,
- Tenure (including sections adjacent National Park),
- Heritage - Aboriginal and/or Historic,
- Dieback management,
- Weed control, and
- Vehicle, plant and personnel movements.

Potentially significant environmental aspects, with potential impacts, management actions and targets addressed in the CEMP (Attachment 3) include - Native vegetation, Threatened, Priority or otherwise significant flora and ecological communities, Fauna management, Fauna habitat management, Drainage lines / wetlands, Tenure, Heritage - Aboriginal and/or Historic, Dieback management, Weed control, Vehicle, plant and personnel movements.

Other aspects of lower risk, also addressed, include Stockpile management, Topsoil and revegetation, Noise, Vibration and Dust, Waste and Litter, Fuels, Oils and Hazardous Materials, Fire, Site Clean-up and Monitoring.

1.6 CRITICAL ENVIRONMENTAL CONSTRAINTS

Additional **critical environmental constraints** identified in the flora, fauna and vegetation survey reports, consultation with the Regulators and / or CoA's are listed in Attachment 2 (mapped in Attachment 1). These are high risk, constraints at identified locations that will require specific management. They are also addressed in the CEMP.

2 CEMP IMPLEMENTATION

2.1 CONTACTS, MANAGEMENT STRUCTURE AND ACCOUNTABILITY

The Principal Contractor is responsible for the implementation of the CEMP. Management actions, responsibilities, monitoring and reporting requirements are detailed in Attachment 3. For the purposes of the CEMP, roles and responsibilities are provided in Table 2-1.

Roles defined in the CEMP (**refer to Attachment 2 for current contact details**):

- Project Manager (LG PM) for each LG
- Site Supervisor (LG SS) for each LG
- Environmental Officers (LG EO) for each LG
- Project Manager (Principal PM)
- Site Supervisor (Principal SS)
- Environmental Representative (Principal ER)

Table 2-1 Principal Contractor roles and responsibilities

Principal Contractor Role	Responsibilities
Project Manager (Principal PM)	• Ensure all required environmental approvals, permits and licences are in place prior to works commencing. • Ensure all works comply with relevant regulatory and Project requirements. • Ensure the requirements of the CEMP are fully implemented, and that environmental requirements are not secondary to other construction requirements. • Liaise with LG PM, LG SS and LG EO and government authorities as required. • Provide input in the preparation / review of the CEMP as required. • Provide adequate resources to ensure effective development, implementation and maintenance of the CEMP. • Ensure that all personnel receive appropriate inductions and training. • Ensure that complaints are investigated to ensure effective resolution. • Stop work immediately if an unacceptable impact on the environment is likely to occur and report potential Moderate / Severe environmental impacts to the LG PM. • Stop work immediately if an unacceptable impact on the environment has occurred and report any Moderate / Severe environmental impacts to the LG PM.
Site Supervisor (Principal SS)	• Provide input in the preparation / review / application of the CEMP as required. • Ensure that instructions are issued and adequate information provided to employees that relate to environmental risks on-site. • Ensure that the works are carried out in accordance with the requirements of the CEMP, including the implementation of all environmental controls. • Identify environmental risks and undertake environmental risk assessments prior to commencement of works. • Control works and implement / maintain effective environmental controls in the field. • Identify resource needs for implementation of the CEMP. • Ensure that complaints are investigated to ensure effective resolution. • Take action in the event of an emergency and allocate the required resources to minimise the environmental impact. • Report any activity that has resulted, or has the potential to result, in an environmental incident immediately to the Principal PM.
Environmental Representative (Principal ER)	• **Where no Principal ER is appointed, the Principal SS takes on the roles and responsibilities of this role.** • Provide input into the preparation, review and implementation of the CEMP. • Undertake site inspections, monitoring activities and complete site checklists. • Ensure monitoring records are maintained and any non-compliance issues are addressed. • Ensure site activities comply with the CEMP and relevant approval conditions. • Manage day-to-day environmental management requirements during construction. • Identify environmental risks and advise the Site Supervisor on appropriate management measures. • Deliver environmental inductions and toolbox talks.

Principal Contractor Role	Responsibilities
	• Report non-conformances and environmental incidents to the Site Supervisor and Project Manager. • Direct that works cease where there is an actual or immediate risk of environmental harm and notify the Site Supervisor and Project Manager. • Attend environmental incidents and spills and coordinate initial response actions. • Assist site personnel with environmental management requirements. • Undertake other environmental duties as required.
All Personnel / Contractors	• Comply with the requirements of the CEMP. • Attend environmental induction prior to works. • Report environmental incidents to the Principal SS. • Do not enter no-go areas. • Operate vehicles and machinery within designated areas only. • Immediately report any injured fauna, spills, or unexpected environmental issues.

2.2 COMMUNICATION

The CEMP document is uncontrolled when printed. One controlled hard copy of the CEMP will be maintained by the Principal Contractor and each LG Project Manager. Registered copies will be distributed to:

- LG PM
- Principal PM
- Principal SS
- Principal ER

Management actions detailed in the CEMP will be communicated to construction personnel through site inductions, toolbox and/or contract meetings prior to the commencement of Project activities and during the Project delivery. Induction records will be kept. It is recommended that inductions are carried out at the beginning of each works Section.

2.3 UPDATES TO THE CEMP

The CEMP is a working document that will require updates through the life of the Project, including but not limited to:

- prior to clearing in areas mapped as Clearing Permit, on receipt of relevant approvals,
- following updates to the alignment design and construction methodology and prior to implementation,
- following Regulator / CoA updates,
- immediately in response to Potential Moderate / Severe environmental incidents where updates to the CEMP are recommended.

The CEMP is a working document with potential for updates to Contacts, CoA's, Critical Environmental Constraints and the alignment (refer to Attachment 2). Updates to the CEMP are to be submitted to the Principal Contractor at least 10 working days prior to commencement of works for review and acceptance. Once accepted, updates will be incorporated into the controlled CEMP, and distributed by the Site Supervisor.

The LG EO can approve minor changes to the CEMP, i.e. those that are editorial in nature, do not increase the magnitude of impacts on the environment, do not compromise the ability of the Project to meet approval or legislative requirements.

2.4 MONITORING

2.4.1 Compliance

The Project Team will monitor compliance with the CEMP during the construction period. Monitoring of work activities, including subcontractors, must be conducted as an on-going activity during work supervision. Records of any significant issues, non-conformances or corrective actions will be documented (e.g. diary note, checklist, email or similar).

2.4.2 Site checklists

Site checklists are to be completed on arrival to Site and are to be reviewed each subsequent day on Site, as part of the daily start-up or pre-work assessment.

- Spill kit
- Induction checklist (Attachment 4.1)
- Machinery hygiene checklist (Attachment 4.2)
- Environmental incident form (Attachment 4.3)

2.5 ENVIRONMENTAL INCIDENTS AND REMEDIATION

The Site Supervisor must notify the Project Manager of the respective LGA of all Moderate or Severe environmental incidents within 24 hours of the incident, verbally and by email. Moderate or Severe incidents include those where an environmental impact is unable to be contained immediately, where there may be significant medium or long term residual or hazardous effects, or where the activity breaches a legal requirement.

The CEMP includes contingency measures to be implemented in the event on an environmental incident. Corrective actions will be implemented as soon as practicable, and the incident will be documented in an environmental incident form (Attachment 4.3).

Any issues or non-conformances that result in environmental damage (e.g. clearing outside approved areas, sediment runoff, spread of weeds etc) are the responsibility of the contractor to remediate, to the requirements of the LG PM.

3 ATTACHMENTS

Attachment 1 Project Location and Constraints

Attachment 2 Working Register

Attachment 3 Construction Environmental Management Plan (CEMP)

Attachment 4 Checklists

- **4.1 Induction checklist**
- **4.2 Machinery hygiene checklist**
- **4.3 Environmental incident form**

Attachment 5 Phytophthora Dieback Management Plan

ATTACHMENT 1 PROJECT LOCATION AND CONSTRAINTS

ATTACHMENT 2 WORKING REGISTER

This CEMP has been prepared to provide a management document detailing how the Principal Contractor and its sub-contractors will manage environmental aspects of the Project during construction. The CEMP is a working document to ensure that updates through the life of the Project are easily addressed in the CEMP, updated, and reissued:

- A.2.1. Contacts
- A.2.2. Conditions of Approval (CoA's)
- A.2.3. Critical Environmental Constraints

Attachment 1 including the alignment, clearing category and locations of Critical Environmental Constraints may also be updated. **The Document Control table below must be updated for each issue of the Attachments.**

DOCUMENT CONTROL

Review	Initial and Company	Revision	Comment	Date
Author	SP (SW Environmental)	Revision 1	Draft document	25/03/2026
Reviewed				
Issued				
Updated				
Issued				
Updated				
Issued				

A.2.1. CONTACTS

Table A-1 Role and Contacts

Role defined in CEMP	Contact details
City of Busselton	
Project Manager (LG PM)	Daniell Abrahmse Manager Engineering and Facilities (08) 9781 0379, 0419 948 677 Daniell.Abrahamse@busselton.wa.gov.au
Site Supervisor (LG SS)	(**TBC**)
Environmental Officers (LG EO)	Will Oldfield Senior Environmental Management Officer (08) 9781 0464, 0409 885 441 Will.Oldfield@busselton.wa.gov.au
Shire of AMR	
Project Manager (LG PM)	David Nicholson Manager Asset Services dnicholson@amrshire.wa.gov.au (08) 9780 5282, 0437 059 824
Site Supervisor (LG SS)	(**TBC**)
Environmental Officer (LG EO)	Hayley Bain A/Coordinator Environment and Landcare Services hbain@amrshire.wa.gov.au (08) 9780 5218, 0439 208 476
Principal Contractor	
Project Manager (Principal PM)	(**TBC**)
Site Supervisor (Principal SS)	(**TBC**)
Environmental Representative (Principal ER)	(**TBC**)

A.2.2. CONDITIONS OF APPROVAL

The CEMP has been prepared to provide a management document detailing how the Principal Contractor and its sub-contractors will manage environmental aspects of the Project during construction. The CEMP is a working document to ensure that legislative requirements, and obligations and commitments provided in the relevant licences, permits and CoA's are communicated to all site personnel and implemented. It also details processes to avoid or minimise construction impacts of the Project on adjacent sensitive areas.

Note: Management of any heritage sites potentially impacted by the proposed development may require discussions with the Traditional Owners, implementation of agreed management measures, and where necessary, clearance obtained under the AHA.

The following CoA are highlighted from Table 1-2:

- CP Exemption framework (Exempt areas only – **Not yet approved –** subject to DBCA approval and DWER endorsement**)**
- DBCA approvals for dieback (**Insert here** – subject to DBCA approval)
- DBCA approvals for Priority Flora and Ecological Community impacts (**Insert here** – NOT YET APPROVED, Clearing Permit required: 16.96 km and Further survey required: 2.41 km)
- Clearing Permit [**CPS insert here** – NOT YET APPROVED, Clearing Permit required: 16.96 km and Further survey required: 2.41 km]
- Permit to Take (**Section 40 insert here** -– NOT YET APPROVED, Clearing Permit required: 16.96 km and Further survey required: 2.41 km)
- EPBC Approval (2013 proposal was Not controlled action, 2013/6835) - TBC
- Section 17 Permit to Interfere with Beds and Banks (XXXX) - TBC
- ASS investigations and approvals (to be obtained on a site by site basis, if required)
- Comply with the requirements of the *Aboriginal Heritage Act 1972* including those relating to Section 18 approval (if required).

Table A-2 Register of Conditions of Approval (CoA) for the Project

CoA no.	Requirement	Reference
Clearing Permit *(CPS XXX)*	*Insert all relevant requirements from the approval that are specific to preparation and content of the CEMP.*	*Include a reference to where the requirement is addressed in the CEMP.*
Section 40 Permit to Take (BC Act)	*Insert all relevant requirements from the approval that are specific to preparation and content of the CEMP.*	*Include a reference to where the requirement is addressed in the CEMP.*
Bed and Banks (Form 3P) required under the *Rights in Water and Irrigation Act 1914* to interfere with or obstruct a watercourse or wetland, such as for constructing dams, crossings, or erosion control.	*Insert all relevant requirements from the approval that are specific to preparation and content of the CEMP.*	*Include a reference to where the requirement is addressed in the CEMP.*
Dieback Management Plan	*The Dieback Management Plan must be adopted for all works.*	*Include a reference to where the requirement is addressed in the CEMP.*

CoA no.	Requirement	Reference
Section 18 approval	*Recommendations from Archaeological / Ethnographic Reports to be included and Section 18 approval from the AHA.*	*Include a reference to where the requirement is addressed in the CEMP.*

A.2.3. CRITICAL ENVIRONMENTAL CONSTRAINTS

A summary of the critical environmental aspects identified in the flora, fauna and vegetation survey reports are listed in Table A-2 and mapped in Attachment 1. These are high risk values that will require site specific actions to manage, as outlined in the CEMP (Attachment 3).

Critical environmental constraints include

- Mapped drainage line and wetlands with a 50 m buffer
- Priority flora locations (10 m buffer to include critical habitat)
- Threatened flora locations (50 m buffer to include critical habitat)
- Threatened and Priority Ecological Communities
- Critical habitat for significant fauna (50 m buffer of creeklines to include critical habitat), and suitable DBH trees.
- [Add WRP fauna spotter locations pending DBCA agreement]
- [Add Clearing Permit, DRF and TEC requirements following CP approval]
- [Add Aboriginal Heritage requirements]

Table A-3 Critical environmental constraints identified along the Wadandi Track

LGA	Section	Section description	Approval	Critical environmental constraints identified within approved works area	Length (m)
CoB	3	Vasse Yallingup Siding Rd 4.4 - 5.3 SLK (Marybrook Rd)	Exemption		483
			No clearing of native vegetation	Water course (Anniebrook Drain)	439
	4	Vasse Yallingup Siding Rd 5.3 SLK (Marybrook Rd) - 8.6 SLK	Exemption	Priority flora	198
			No clearing of native vegetation	Priority flora	3066
	5	Vasse Yallingup Siding Rd 5.3 SLK (Marybrook Rd) - 15.7 SLK	Exemption		1405
			No clearing of native vegetation		1714
	6	Wildwood Rd to Yelverton NP	Exemption	Priority flora Water course (Station Gully tributary)	369
			No clearing of native vegetation		13
	7	Yelverton NP to Yelverton Rd	Exemption		486
			No clearing of native vegetation		347
	8	Yelverton Rd to Metricup Rd	Exemption	Priority flora Water course (Island Brook tributary)	1403
			No clearing of native vegetation	Priority flora Water course (Island Brook tributary)	1940

LGA	Section	Section description	Approval	Critical environmental constraints identified within approved works area	Length (m)
	9	Metricup Rd to Harmans Mill Rd	Exemption	Priority flora	581
			No clearing of native vegetation	Water course (Island Brook tributary)	2056
	10	Harmans Mill Rd to Gardiner Rd	Exemption		787
			No clearing of native vegetation		968
AMR	**10**	Harmans Mill Rd to Gardiner Rd	No clearing of native vegetation		560
	11	Gardiner Rd to Sunset Drv	Exemption	Priority flora Water course (Wilyabrup Brook)	2246
			No clearing of native vegetation	Priority flora Water course (tributary of Wilyabrup Brook)	1877
	20	Sebbes Rd to Leeuwin Naturaliste NP	Exemption	Priority flora	94
			No clearing of native vegetation		1710
	21	Leeuwin Naturaliste NP to Vlam Rd	No clearing of native vegetation		4112
	22	Vlam Rd to Boranup Dr	Exemption	Water course (unnamed)	1534
	23	Boranup Dr to Bushby Rd	Exemption		3166
	24	Bushby Rd to south of Chapman Rd	Exemption		1836
			No clearing of native vegetation	Water course (unnamed)	576
	25	South of Chapman Rd to north of Poole Rd	Exemption	PEC	3807
	26	North of Poole Rd to Caves Rd	Exemption		1548
	27	Caves Rd to Airport	Exemption	Water course (tributary of Blackwood River)	723
			No clearing of native vegetation	Water course (tributary of Blackwood River)	2039
	28	Airport to Davies Rd	Exemption	Priority flora	204
			No clearing of native vegetation	Water course (tributary of Blackwood River)	2721

ATTACHMENT 3 CONSTRUCTION ENVIRONMENTAL MANAGEMENT PLAN

ASPECT	MANAGEMENT ACTION	MANAGEMENT TARGET	MONITORING	RESPONSIBILITY
Project Management				
Environmental Incidents or Non-Conformances	Site Supervisor to report all moderate or severe environmental incidents (incidents that cannot be immediately contained or those that may cause ongoing issues in the medium or longer term or that may be illegal) to the Project Manager within 24 hours of the incident, verbally and by email. An *Environmental Incident Form* (Attachment 4.3) will be filled out and emailed to the Project Manager.	Appropriate response to incidents and record keeping suitable to meet any audit requirements.	Construction surveillance *Environmental Incident Form*	Principal PM/ LG PM / Principal SS / Principal ER
	Any issues or non-conformances that result in environmental damage (e.g. clearing outside approved areas, sediment runoff, spread of weeds etc) are the responsibility of the contractor to remediate, to the requirements of the LG PM.	No adverse impacts to the adjacent environment.	*Environmental Incident Form*	Principal PM/ LG PM / Principal SS / Principal ER
Communication	A registered copy of this CEMP and attachments will be provided to the LG PM, Principal PM, Principal SS and Principal ER and kept on site.	Full implementation and conformance to the CEMP and record keeping demonstrating compliance to meet any audit requirements.	Pre Construction	Principal PM / Principal SS / Principal ER
	Environmental management will be communicated at: • Site inductions, • Toolbox meetings / pre starts, contract meetings and • Safe Work Method Statement(s). Induction records will be kept (*Induction Checklist* provided in Attachment 4.1).	Clear communication and records to demonstrate compliance.	Pre Construction and Construction surveillance *Induction checklist*	Principal SS / Principal ER
	The site induction will emphasise the following key issues: • **Critical Environmental Constraints** and locations (Attachment 2 Table A.2.3), • Native vegetation, • Threatened, Priority and significant flora and ecological communities, and critical habitat, • Fauna and fauna habitat management,	No incidents or non-compliances, with appropriate record keeping. Adaptive risk management via updating CEMP and	Construction surveillance	Principal SS / Principal ER

ASPECT	MANAGEMENT ACTION	MANAGEMENT TARGET	MONITORING	RESPONSIBILITY
	• Drainage lines / wetlands, • Tenure (including sections adjacent National Park), • Heritage - Aboriginal and/or Historic, • Dieback management, • Weed control, and • Vehicle, plant and personnel movements.	other documentation as required.		
Surveillance Monitoring	Compliance with the management measures detailed in this CEMP will be monitored throughout the construction phase. Records will be kept.		One surveillance monitoring will occur within three days after commencement of works Ongoing Construction surveillance	Principal SS / Principal ER
Stop Work Authority	Works must cease immediately if clearing outside approved areas, impact to Threatened flora/fauna/vegetation, unauthorised impacts to drainage lines, heritage sites or significant environmental harm has occurred or is likely. The Principal SS must notify the Principal PM and LG PM immediately.		Construction surveillance	Principal SS / Principal ER
Pre Construction Actions				
Dieback and weed management	Earth-moving machinery will be clean of soil and vegetation prior to entering and leaving and on each mobilisation to the site, and in Clean on Entry areas. This must be approved prior to works by the Principal SS / Principal ER (Attachment 4.2 *Machinery hygiene checklist*)	No introduction or spread of dieback, weeds or pathogens.	Pre Construction *Machinery hygiene checklist*	Principal SS / Principal ER
Native vegetation	The approved clearing footprint will be clearly demarcated on the ground prior to any clearing works, using survey tape, bunting, temporary fencing, pegging or similar.	No unauthorised or illegal clearing,	Pre Construction	Principal PM / LG PM / Principal SS

ASPECT	MANAGEMENT ACTION	MANAGEMENT TARGET	MONITORING	RESPONSIBILITY
	No vehicles, plant, stockpiling storage, refuelling or access is permitted outside the demarcated clearing footprint unless approved in writing by the Principal PM and LG PM. All areas outside the demarcated clearing footprint are to be treated as no-go areas. Any vegetation or trees that are to be retained will be marked accordingly. The maximum clearing limits (approved areas) will not be exceeded. **The date and locations of cleared areas will be recorded.**	stockpiling or vehicle access outside of the disturbance footprint or unnecessary impacts to vegetation.		
	Engage a suitably experienced and authorised botanist to supervise clearing within Threatened or Priority Ecological Communities (TEC / PEC) or other high values areas to supervise clearing in line with Construction > Native vegetation. [in line with DBCA requirements]. Threatened flora Authorisation to Take (Insert TFL requirements)	No unapproved impacts to TEC / PEC. Impacts to native vegetation to be minimised.	Pre Construction	Principal PM / Principal SS / Flora spotter
Fauna management	Engage a suitably experienced and authorised fauna specialist with a Regulation 28 Fauna Taking (Relocation) License of the WA *Biodiversity Conservation Regulations 2018* and Section 40 of the WA *Biodiversity Conservation Act 2016* to supervise clearing in line with Construction > Fauna management.	No unauthorised interactions with threatened fauna because of clearing. Minimise impacts to critical habitat.	Pre Construction	Principal PM / Principal SS / Fauna spotter
Flora management	Engage a suitably experienced and authorised botanist to supervise clearing within 10 m of Priority flora. Clearing will be supervised in line with Construction > Flora Management. [in line with DBCA requirements]. Threatened flora Authorisation to Take (Insert TFL requirements)	No unapproved impacts to conservation significant flora. Minimise impacts to critical habitat.	Pre Construction	Principal PM / Principal SS / Flora spotter
	Engage a suitably experienced and authorised botanist to supervise clearing within 50 m of Threatened flora. Clearing will be supervised in line with Construction > Flora Management. [in line with DBCA requirements]. Threatened flora Authorisation to Take (Insert TFL requirements)		Pre Construction	Principal PM / Principal SS / Flora spotter
Construction Management				
Native vegetation	The following clearing records will be kept as diary entries. Photos must be taken.	Clear record keeping that can be used to	Construction surveillance	Principal SS

ASPECT	MANAGEMENT ACTION	MANAGEMENT TARGET	MONITORING	RESPONSIBILITY
	• the size of the area cleared (in hectares) and • the dates on which the clearing was done	demonstrate compliance.		
	Clearing of vegetation will not exceed the limits of approved clearing.	No unauthorised or illegal clearing, clearing, stockpiling or vehicle access outside of the disturbance footprint or unnecessary impacts to vegetation. Works carried out in line with industry standards and best practice.	Construction surveillance	Principal SS
	Construction contractors and other personnel working on the site will be educated and briefed on the values and management of native flora and vegetation within the site.		Construction surveillance	Principal SS
	Vehicle / machinery movements will not take place outside of the demarcated clearing line and only in line with Attachment 1.		Construction surveillance	Principal SS
	No native vegetation will be cleared for temporary site access or infrastructure including offices or laydown areas.		Construction surveillance	Principal SS
	Trees and vegetation on the edge of the clearing line will be retained where possible.		Construction surveillance	Principal SS
	Vegetation to be pruned will be done so with a chainsaw.		Construction surveillance	Principal SS
	Cleared vegetation containing weeds or unsuitable for re-use (milled or chipped) will be disposed of off-site to a designated green waste location.		Construction surveillance	Principal SS
	No burning of cleared vegetation on-site will be permitted.		Construction surveillance	Principal SS
	Vegetation will be mulched on site and stored with topsoil in approved areas for use in future revegetation, or carted away, on the day it is cleared to a designated green waste location		Construction surveillance	Principal SS
Threatened and significant flora and ecological communities	A suitably experienced and authorised botanist must supervise and manage pruning and clearing (mapped as **Critical Environmental Constraints** in Attachment 1): • within 10 m of Priority flora records, • Within 50 m Threatened flora records, • within PEC / TEC.	No unauthorised or unnecessary impacts to Threatened or Priority flora or ecological communities, or critical	Construction surveillance	Principal SS / Principal ER / Flora spotter

ASPECT	MANAGEMENT ACTION	MANAGEMENT TARGET	MONITORING	RESPONSIBILITY
	[update in line with DBCA requirements] [Threatened flora Authorisation to Take (Insert TFL requirements]	habitat for Threatened flora.		
Fauna management	A suitably experienced and authorised fauna specialist with a Regulation 28 Fauna Taking (Relocation) License of the WA *Biodiversity Conservation Regulations 2018* and Section 40 of the WA *Biodiversity Conservation Act 2016* must supervise clearing [in line with DBCA requirements – rapid assessment in Low Risk areas and general clearing supervision in High Risk areas].	No disturbance, injury or death of any fauna as a direct result of clearing or other works.	Construction surveillance	Principal SS / Fauna spotter
	If native fauna is encountered during construction, a temporary exclusion zone of at least 10 m will be established, and all works within the area will cease. The fauna will be allowed to move away from the works area without interference. Where the fauna does not vacate or there is a risk of harm, the Fauna spotter will be notified immediately.		Construction surveillance	Principal SS / Principal ER / Fauna spotter
	Fauna will not to be fed or intentionally harmed.		Construction surveillance	Principal SS / Fauna spotter
	No pets, traps or firearms will be brought on site by construction personnel.		Construction surveillance	Principal SS / Principal ER / Fauna spotter
	Injured fauna will be taken to the nearest vet or approved carer • Busselton Veterinary Hospital (08) 9752 1433 • Cowaramup Family Vet Clinic (08) 9755 5044 • Margaret River Vet Hospital (08) 9757 2163 • Augusta Veterinary Clinic (08) 9758 1055 • Wildcare Helpline (08) 9474 9055		Construction surveillance	Principal SS / Fauna spotter
	The works area will be maintained in a clean and tidy manner to ensure that feral or other animals are not attracted to the site.		Construction surveillance	Principal SS / Principal ER / Fauna spotter
	If dead fauna is observed, they will be recorded along with the species and location and reported to Principal ER / Fauna spotter.		Construction surveillance	Principal SS / Fauna spotter

ASPECT	MANAGEMENT ACTION	MANAGEMENT TARGET	MONITORING	RESPONSIBILITY
Fauna habitat management	Large trees (i.e. those >50 cm diameter at breast height) or those with visible hollows on edge of the alignment must be retained. [Otherwise, confirmation of Clearing Permit or LG EO approval must be obtained from the Principal PM prior to removal and to be checked immediately prior to clearing by the fauna spotter.]	No unauthorised impacts to critical habitats or loss / impacts to habitat trees.	Construction surveillance	Principal SS / Fauna spotter
	WRP dreys will be retained if possible.	No unauthorised disturbance to threatened fauna or loss of critical habitat.	Construction surveillance	Principal SS / Principal ER / Fauna spotter
Drainage lines / wetlands	Drainage / stormwater features shall be treated in a way as to maintain as near as possible, the existing hydrology.	No turbid runoff or erosion due to construction works or changes in local hydrology.	Construction surveillance	Principal SS
	Riparian vegetation, or the bed and banks of a watercourse, will not be impacted without prior approval, including for the construction and installation of bridges.	No unauthorised impacts to bed and banks, ethnographic / heritage sites or threatened flora or fauna or water quality.	Construction surveillance	Principal PM / Principal SS
	Exposed soils will have erosion and sediment controls (including but not limited to sediment fencing or diversion of any run-on, runoff or through-flows of water) applied to prevent / minimise turbid runoff within the mapped as **Critical Environmental Constraints** (Drainage line / wetland buffer areas shown in Attachment 1). These areas are to be avoided with no foot traffic or access or clearing except for the minimum required on the actual for the actual formation.	No discharge or sedimentation into land or waters during or following a rain event	Construction surveillance Planning prior to rain events	Principal SS
Tenure (including sections	No unauthorised access or trespass into adjacent tenures.	No trespass in other tenures	Construction surveillance	Principal SS

ASPECT	MANAGEMENT ACTION	MANAGEMENT TARGET	MONITORING	RESPONSIBILITY
adjacent National Park)				
Heritage - Aboriginal and/or Historic	If suspected human remains (bones) are discovered the Contractor must: • stop work immediately within 20 m of the remains, • immediately call the LG PM. The LG PM will call the Police (as required under the WA *Coroners Act 1996*) and the DPLH. • Do not disturb the remains. No unauthorised personnel can enter the 20 m exclusion zone until the Police have handed the matter over to the Department of Planning, Lands and Heritage and/or a heritage consultant.	No impacts to items of heritage significance without legal authorisation. No new heritage or archaeological sites are impacted by construction without approval.	Construction surveillance	Principal PM / Principal SS
	[update in line with DPLH requirements] [Aboriginal heritage monitors shall be engaged to be on-site during ground disturbing works in line with XXXXX].		Construction surveillance	Principal PM / Principal SS
Dieback management	All works to comply with the Phytophthora Dieback Management Plan (Attachment 5).	Dieback hygiene measures in place according to dieback hygiene management plan. No introduction or spread of dieback or other soil borne pathogens during construction.	Construction surveillance	Principal SS
	Plant and machinery will be inspected clean at arrival to, and exit from, the Project area and at Clean on Entry locations. The inspection must be recorded (refer to Attachment 4.2). Copies of the completed *Machinery hygiene checklist* provided in Attachment 4.2 will be provided to the Project Manager.		Construction surveillance *Machinery hygiene checklist*	Principal SS
	Clearing must be undertaken in order of disease categories (refer to Figure 1 - Clean on Entry Locations of Attachment 5). • Uninfested areas must be cleared first, • Uninterpretable areas must be cleared second, Infested areas must be cleared last.		Construction surveillance	Principal SS
	[Add DMP details]		Construction surveillance	Principal SS

ASPECT	MANAGEMENT ACTION	MANAGEMENT TARGET	MONITORING	RESPONSIBILITY
Soil hygiene and weed management	Plant and machinery will be inspected clean at arrival to and exit from the Project area, and inspections recorded as above. The inspection must be recorded (refer to Attachment 4.2). Copies of the completed *Machinery hygiene checklist* provided in Attachment 4.2 will be provided to the Project Manager.	No introduction or spread of weeds.	Construction surveillance *Machinery hygiene checklist*	Principal SS
	Clearing must be undertaken in order of low or no weed risk, to high weed risk (refer to high risk weed areas in Attachment 1) within each section. Vegetation and topsoil from weed-infested locations (need to identify and map these) will be removed from site immediately and disposed of in an approved green-waste location.		Construction surveillance	Principal SS
	Separate management of weedy topsoil and vegetation – topsoil and vegetation should be managed differently for areas containing a high volume of weedy material vs areas free of weeds. 1. Weedy material and topsoil should be removed immediately from site and disposed on in pre-approved green waste locations. 2. Depending on the location of revegetation areas, vegetation and topsoil from areas free of weeds should be either a) stored on site for immediate use, or b) stored off-site in an approved area for future re-use in revegetation/offsets. 3. Weedy areas for immediate off-site disposal should be clearly identified, mapped and communicated to the contractor prior to construction. [Locations to be confirmed]		Construction surveillance	Principal SS / Principal ER
	Once the natural soil surface has been stripped and/or covered by imported material, clean down is not required if vehicles and machinery are contained within the works area.		Construction surveillance	Principal SS
	Plant and light vehicle movements will be restricted to the Project footprint.		Construction surveillance	Principal SS
Vehicle, plant and personnel movements	Ensure no weed affected soil, mulch, fill or other material is brought into the Project area.	No spread of weeds resulting from construction.	Construction surveillance	Principal SS

ASPECT	MANAGEMENT ACTION	MANAGEMENT TARGET	MONITORING	RESPONSIBILITY
	Vehicle and plant movements (including turnaround points) will be restricted to the proposed clearing area.	No impacts to areas of that outside of the approved impact footprint.	Construction surveillance	Principal SS
	Clearly identify and mark vehicle and plant turn around points with signage on site, as shown in Attachment 1 (existing crossovers and intersections) [Locations to be confirmed]		Construction surveillance	Principal SS
Stockpile management	Exact locations of stockpiles / hardstands will be determined (agreed to by the LG EO, Principal PM, Principal SS and Principal ER) on site prior to the commencement of clearing, based on the minimum requirements of this CEMP. Where these criteria for stockpile management in the CEMP cannot be met, a site-specific environmental assessment will be undertaken by a suitably qualified environmental professional to demonstrate how potential impacts can be avoided or mitigated to an acceptable standard. The locations will be updated in the CEMP and associated Figures and demarcated on the ground. [Locations to be confirmed]	No discharge or sedimentation into land or waters during or following a rain event or unintentional impacts to sensitive features downslope.	Construction surveillance	Principal PM / LG PM / Principal SS / Principal EO / LG EO
	Stockpiles to be located more than 50 metres from a waterway.	No downstream impacts to sensitive environments.	Construction surveillance	Principal SS
	Will not be located within Environmentally Sensitive Areas (ESAs), wetlands/ drainage line buffers, or areas supporting Threatened or Priority flora species or communities.		Construction surveillance	Principal SS
	Be in approved areas of low ecological significance. They will not be in unapproved locations as they will not have been surveyed for constraints.		Construction surveillance	Principal SS
	Be in areas of low heritage conservation significance (including identified Aboriginal cultural value) and not impact on heritage sites beyond those already impacted by the Project.		Construction surveillance	Principal SS
	Be located with ready access to the road network or direct access to the construction / track corridor.	Containment of stockpiles and no	Construction surveillance	Principal SS

ASPECT	MANAGEMENT ACTION	MANAGEMENT TARGET	MONITORING	RESPONSIBILITY
	Toe of stockpiles will not be any closer than 3 m to a fence, drain or existing trees to be retained, unless otherwise approved by the Principal PM.	erosion or loss of stockpile materials, or base soils, outside of the site.	Construction surveillance	Principal SS
	Not unreasonably affect the land use of adjacent properties.		Construction surveillance	Principal SS
	Be located on relatively level land.		Construction surveillance	Principal SS
	Be above the 20 year ARI flood level unless a contingency plan to manage flooding is prepared and implemented.	No discharge or sedimentation into land or waters during or following a rain event.	Construction surveillance	Principal SS
Topsoil and revegetation	Weed free topsoils to a nominal depth of 100 mm will be removed offsite or if stored on site, at a location approved by the Principal PM / LG PM / Principal ER, bunded and / or with suitable erosion and sediment control.	No spread of weeds resulting from construction.	Construction surveillance	Principal SS
	Disturbed areas outside of the approved development area will be reported as an environmental incident and likely require revegetation to a similar or better condition to prior to disturbance.	No adverse impacts to the adjacent environment.	Construction surveillance	Principal SS
Noise, Vibration and Dust	In accordance with LG requirements, construction work is: • Restricted to between 7am to 6pm: Monday to Friday • Restricted to between 8am to 1pm: Saturday • Not to be undertaken on Sundays or Public Holidays • Additional works outside of standard construction hours Works outside of standard construction hours can be undertaken if: • Approval to extend work hours outside the standard construction hours is granted by the relevant LG. It should also be carried out in accordance with the *EPA Environmental Protection (Noise) Regulations 1997 (WA), as amended,* • Delivery of oversized plant or structures that police or other authorised authorities determine require special arrangements to transport along public roads is required	No adverse impacts to the community because of the works. No complaints from or excessive impacts to receivers	Construction surveillance	Principal SS

ASPECT	MANAGEMENT ACTION	MANAGEMENT TARGET	MONITORING	RESPONSIBILITY
	Emergency work is required to avoid the loss of lives of property, or prevent environmental harm			
	Visually monitor and apply dust suppression techniques to surfaces where dust lift occurs.	No visible adverse impacts to the adjacent environment from dust disturbance. No complaints from or excessive impacts to receivers	Construction surveillance	Principal SS
	Implement additional dust management measures during periods of high wind or when excessive dust is generated.		Construction surveillance	Principal SS
	At the completion of earthworks, exposed soils will be stabilised with vegetation, [dieback free mulch] or similar material to reduce potential for erosion.		Construction surveillance	Principal SS
Waste and Litter	All sewage, garbage refuse, waste fuels and lubricants, will be disposed of appropriately off site, as required.	No littering or adverse impacts from rubbish.	Construction surveillance	Principal SS
	Construction waste and other rubbish will be contained in bins with lids (where practicable) and removed regularly or removed from the site immediately (not stockpiled).		Construction surveillance	Principal SS
Fuels, Oils and Hazardous Materials	All chemicals on site will be stored in purpose built containers/tanks in accordance with their MSDS, and only if absolutely required.	No spills in the vicinity of drainage lines. Any spills are contained and cleaned up immediately. Large spills are reported and managed appropriately with records kept. No risk to workers or visitors in the event of asbestos or other contaminants being found.	Construction surveillance	Principal SS
	The Principal SS will notify the Principal PM immediately if any hydrocarbon and/or chemical spill occurs on-site.		Construction surveillance	Principal SS
	No major vehicle servicing will be permitted on-site.		Construction surveillance	Principal SS
	Spill trays and spill response equipment will be available near fuel storage or refuelling areas. Refuelling should be only carried out within an existing hard stand, at least 50 m from any watercourses or water bodies.		Construction surveillance	Principal SS
	All chemicals on site will be stored in purpose built containers/tanks in accordance with their MSDS.		Construction surveillance	Principal SS
	Plant will not be left unattended when re-fuelling.		Construction surveillance	Principal SS

ASPECT	MANAGEMENT ACTION	MANAGEMENT TARGET	MONITORING	RESPONSIBILITY
	All hydrocarbon spills should be recorded when they • Escape containment (e.g. leaves a bund, hardstand, or designated refuelling area). • Contact soil, vegetation, groundwater, or surface water or has potential to. • Causes or is likely to cause pollution or environmental harm. A guide is as follows: • <1–5 L likely to be minor if contained. • 5–20 L assess context (location critical) – if within 50 m of watercourse or over native vegetation record as environmental incident. • >20 L record as environmental incident.		Construction surveillance	Principal SS
	All spills must be cleaned up immediately and contaminated material disposed of offsite at an approval facility.		Construction surveillance	Principal SS
	If suspected discovery of asbestos or other contaminants is found work would cease in that area and the Contractor PM and LG PM notified to organise appropriate removal and remediation.			Principal PM / LG PM / Principal SS / Principal EO / LG EO
Fire	No fires shall be lit within the Project area.	No additional risk to the site due to fire as a result of construction activities.	Construction surveillance	Principal SS
	All vehicles, plant and equipment to be fitted with fire extinguishers.		Construction surveillance	Principal SS
	Hot works will be undertaken in accordance with standard safety procedures. [required]?? and prohibited during a Total Fire Ban.		Construction surveillance	Principal SS
	Construction personnel will extinguish and report fires as an incident if they occur within the Project area, and report any out of control fire to 000.		Construction surveillance	Principal SS
	All directions from each LG, Bushfire Brigade or Department of Fire and Emergency Services will be complied with.		Construction surveillance	Principal SS

ASPECT	MANAGEMENT ACTION	MANAGEMENT TARGET	MONITORING	RESPONSIBILITY
Site Clean-up	At the completion of construction activities, any areas disturbed during the construction (beyond the extent of approvals, i.e. the site clearing footprint) to vegetation, landforms, or fauna habitat will be rehabilitated to the original condition or better (based on condition prior to the project commencing).	No long term adverse impacts to the adjacent environment.	Construction surveillance	Principal SS
Monitoring	An environmental audit of CEMP compliance shall be conducted at least once during the implementation of the project.	Full implementation and conformance to the CEMP and record keeping demonstrating compliance to meet any audit requirements.	One surveillance monitoring shall occur within two weeks after commencement of works.	Principal ER
	Any issues or non-conformances that result in environmental damage (e.g. clearing outside approved areas, sediment runoff, spread of weeds etc) are the responsibility of the contractor to remediate, to the requirements of the Project Manager. Corrective actions will be implemented as soon as practicable, and the incident will be documented in an environmental incident form (Attachment 4.3).		Construction surveillance	Principal PM / Principal SS / Principal ER

ATTACHMENT 4 CHECKLISTS

Attachment 4.1 Induction checklist

WADANDI TRACK

CONSTRUCTION ENVIRONMENTAL MANAGEMENT INDUCTION RECORDS

Inductor:

Contractor:

Full name	Company	Date	Signed

Attachment 4.2 Machinery hygiene checklist

WADANDI TRACK

MACHINERY HYGIENE CHECKLIST

VEHICLE/MACHINERY/EQUIPMENT DETAILS			
Inspection Date		**Inspected By**	
Vehicle/Machine			
Clean on Entry Location			

ITEMS INSPECTED:
✓ to confirm they have been inspected and are free of soil/vegetation or N.A if Not applicable

Item/s	**Yes**	**N.A**	**Item/s**	**Yes**	**N.A**
Suspension	☐	☐	Radiators/air vents	☐	☐
Tray	☐	☐	Engine compartment	☐	☐
Wheels	☐	☐	Ground Engaging Tools	☐	☐
Spare Wheel	☐	☐	Trays/Bumpers/Racks/Covers	☐	☐
Mud Flaps	☐	☐	Screens/Belts	☐	☐
Wheel wells	☐	☐	Chassis/Sub Frame	☐	☐
Rock guards	☐	☐	Running Gear/Belly Plate	☐	☐
Augers	☐	☐	Ladders Footsteps and Platforms	☐	☐
Fencing wire and hardware	☐	☐	Machine bucket/ blade	☐	☐
Tool boxes	☐	☐	Tracks	☐	☐
All tools kept in vehicles and machinery are also clean and free from soil and plant material				☐	☐
Interior and any storage areas free of mud, soil and vegetation				☐	☐
Equipment okay to enter/leave site/Project area				☐	☐

Comments

Inspected By					
Name		**Signature**		**Date**	

Attachment 4.3 Environmental Incident Form

WADANDI TRACK

ENVIRONMENTAL INCIDENT REPORT

ENVIRONMENTAL INCIDENT REPORT FORM	
Incident Date:	Time:
Location (include Section number):	
Person Involved:	Position:
Witnesses:	
Task being performed:	
Description of incident: ☐ Risk assess hazard ☐ Identify additional controls ☐ Develop safe system of work	

Potential to be Moderate / Severe? **Moderate or severe incidents include those where an environmental impact is unable to be contained immediately or if there may be significant medium or long term residual or hazardous effects or if the activity may breach a legal requirement.**	☐ No ☐ Yes, **Site Supervisor must notify the LG Project Manager within 24 hrs**
Investigation findings: Identify environmental remediation required (e.g. clearing outside approved areas, sediment runoff, spread of weeds, etc) Recommendations: ☐ Review safe system of work ☐ Provide training ☐ Provide training ☐ CEMP to be updated	
Site Supervisor	Date:
Project Manager:	Date:

ATTACHMENT 5 PHYTOPHTHORA DIEBACK MANAGEMENT PLAN