WODONGA CREEK CONSTRUCTION ENVIRONMENT MANAGEMENT PLAN - Types & Locations of Environmental Protection Measures

Drawing No. W023022 Rev A 01/05/2026

Woodward

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The following have been identified as significant environmental aspects for the site:
EXISTING TREE PROTECTION (Contractor to adhere to)

- ARBORICULTURAL IMPACT ASSESSMENT & TREE PROTECTION SPECIFICATIONS
- EROSION AND SEDIMENT CONTROL
- CULTURAL HERITAGE MANAGEMENT PLAN NO: 20361

These aspects shall be managed with the environmental protection measures outlined in this plan.

MANAGEMENT

1. RESPONSIBILITIES

Each contractor shall provide all measures as detailed within this CMP and be responsible for the implementation and management of these measures for the duration of construction. General enquiries shall be directed to the developer.

2. CULTURAL HERITAGE

All WORKS MUST STAY WITHIN THE CHMP ACTIVITY AREA. INCLUDING CHMP REQUIREMENTS IN SITE INDUCTION/TOOLBOX TALKS. IF SUSPECTED ABORIGINAL CULTURAL HERITAGE OR HUMAN REMAINS ARE FOUND, STOP WORKS AND FOLLOW THE CHMP CONTINGENCIES.

EMERGENCY CONTACTS :

CONTRACTOR -

COUNCIL -

2. COMMUNICATION AND CEMP REQUIREMENTS

All personnel onsite to be inducted into the CEMP.
The EMP shall be displayed on site shed walls
The EMP should be made available at toolbox meetings and training sessions.

3. INSPECTIONS AND MAINTENANCE

Minimum monthly inspections and maintenance checks should be carried out for all elements of the EMP. A record of inspections and non conformance shall be kept on site. Any deficiency shall be rectified by the responsible contractor within 48 hours.
Visual inspections of all erosion and sediment control measures shall be undertaken as soon a practicable following a significant rainfall event (exceeding 10mm in 24 hours).
All environmental mitigation measures found to be defective and/or ineffective at any time,

- are to be repaired, replaced and/or adequately improved immediately, so as to be effective and sufficient OR within a timeframe that ensures an impact cannot and does not occur,

3. CONTINUED

- if the defective or ineffective mitigation measures could potentially result in an environmental impact, all woks must cease immediately and may not resume until the mitigation measure is repaired, replaced and/or adequately improved, so as to be effective and sufficient.

4. STAGING OF WORKS

The contractor shall give consideration to;

- All CEMP measures must be in place prior to the commencement of works
- Staging high impact works within the site and that impacting surrounds during suitable current and forecast weather conditions,
- Minimise site stripping to minimise the amount of exposed soil at a time,
- Limiting the time that stripped areas and stockpiles are left exposed,

5. INFORMING RESIDENTS

The contractor shall undertake a letter drop to all adjoining and potentially affected residents atleast 5 days prior to the commencement of works.

6. ASSOCIATED DOCUMENTS:

- Construction Management Plan
- Cultural Heritage Management Plan
- Biosis Flora & Fauna Assesment
- Arbor Co report
- Planning permit

NOISE — RISK: LOW

REQUIREMENT: EPA Victoria and Council requirements must be adhered to in relation to the level of noise and working hours to ensure that residents and other applicable neighbors to the site are not disturbed unreasonable. The generation of noise must be minimised.

7. WORKING HOURS

7:00 - 18:00 MON-FRI
7:00 - 13:00 SAT

8. NOISE MINIMIZATION METHODS

- Ensure exhausts and mufflers of all onsite plant and delivery vehicles is in good working order.
- 20kph site speed limit to be observed

9. OTHER

N/A

DUST — RISK: LOW

REQUIREMENT: Dust generation must be minimised to ensure there is no health risk or loss of amenity

10. MINIMISING DUST GENERATION

- Existing vegetation and ground cover to be retained as much as practicable
- All construction vehicles are to remain on defined haul roads
- Stockpiles are to be located down wind of bund's
- Stockpiles to be aligned to minimise exposure to prevailingly winds
- 20kph site speed limit to be observed

11. DUST SUPPRESSION

- A water cart must be on site at all times that works are occurring which can generate dust
- soil stabilisation, hydroseeding or geofabric to be applied to long term stockpiles and embankments within 14 days of completion

12. CONTINGENCIES

- In periods of high wind, dust generating activities must be restricted or cease so as to ensure that dust does not cause any amenity impacts.
- Water spray exposed earth & stockpiles prior to wind.

13. EXCESS FILL

N/A all works involve importation. Any excess or unsuitable material to be returned or taken to a legal site of disposal.

EROSION AND SEDIMENT — RISK: MEDIUM

REQUIREMENT: Erosion and sediment must be managed in accordance with current best practice environmental management practices to prevent sediment-laden water from entering any drainage system or natural water course.

14. DRAINAGE MANAGEMENT

Existing vegetation and ground cover to be retained as much as practicable

- Diversion of off site run-off away from site
- Diversion of on site run-off away from stockpiles
- Install erosion and sediment control measures as indicated on the EMP
- Establish an inspection, maintenance and cleaning program of control measures as required dependent on level of sediment run-off generated

15. SOIL STABILISATION

During Construction:

- Progressively revegetate and mulch disturbed areas as soon as practicable,
- Drainage channels and outfalls to be jute or rock lined as required.

Post Works:

- Carryout landscape planting and softworks as soon as civil works allow,
- Compact all unsealed road surfaces.

16. STOCKPILE PROTECTION

- Cut off drains on high side of all stockpiles,
- Minimise the number of stockpiles required and durations of exposure,
- Sediment retention structures to be placed downstream as indicated,
- vegetate or cover long term stockpiles if in place more than 28 days,
- all stockpiles to have a max 2:1 height to width ratio

17. SEDIMENT TRAPS

Refer to plans

18. DEWATER PROCEDURE

No dewatering will occur.

19. VEHICLE AND ROAD MANAGEMENT

Site Access:

- Restrict vehicle movements to defined haul roads
- The singular entry/exit point is to be fitted with rumble strips,
- course grained stabilized crushed rock must extend a minimum of two (2) full wheel rotations of the largest vehicle entering and exiting the site, either side of the rumble strips

Cleaning Vehicles:

- Rumble grids provided at singular entry/exit point
- Vehicles to drive the length of the haul road prior to exiting
- Physical scrape off excess material with a shovel or brush
- Install the vehicle wash down area prior to the commencement of works

Street Cleaning:

Any road that is soiled as a result of any vehicle attending to the land must be promptly cleaned with a street sweeper as required
Vehicles & machinerymust be cleaned of excessive mud prior to accessing sealed roads

- Mud, silt dirt, rock and other debris to be removed from streets and gutters as required.

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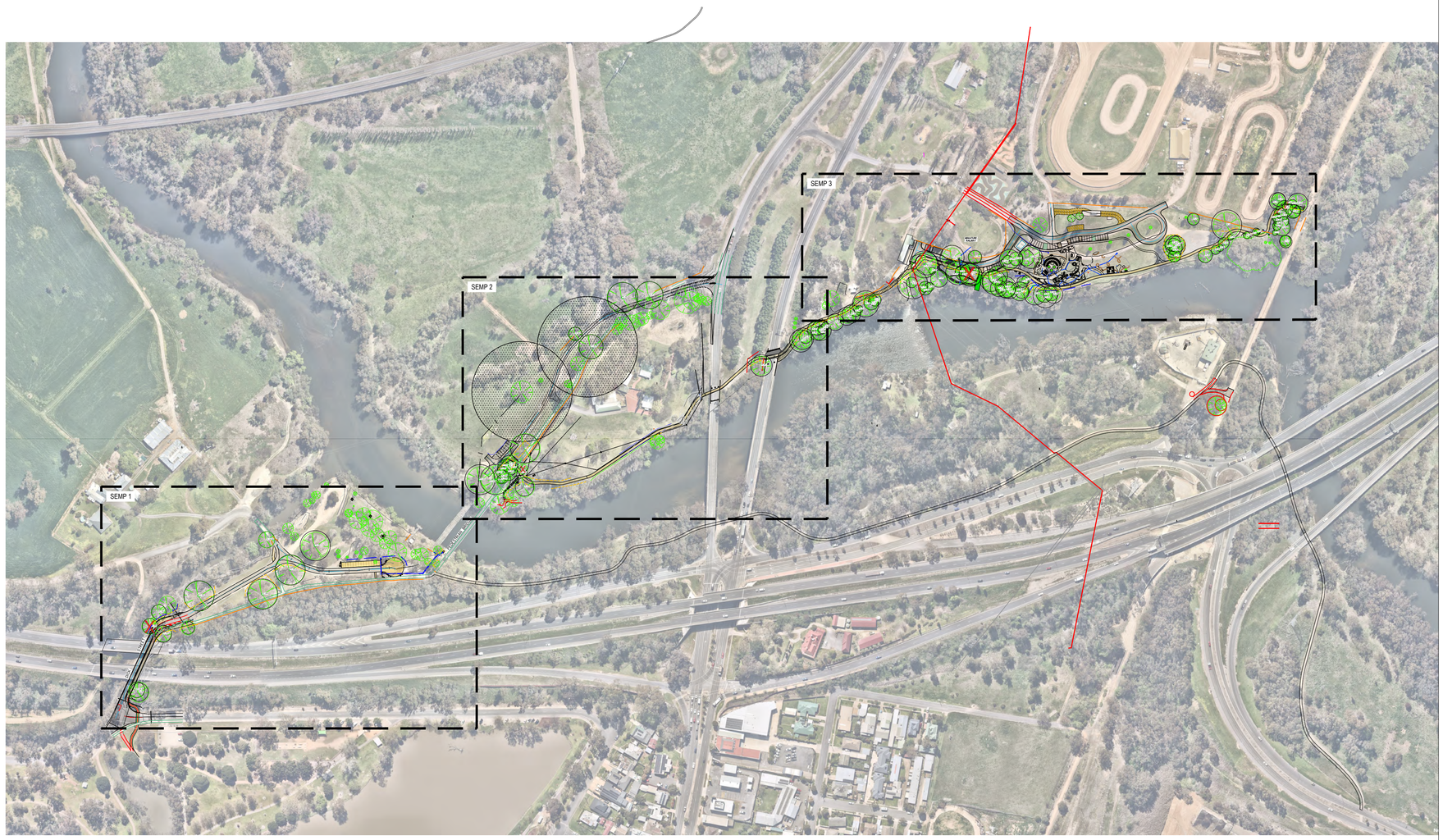

WASTE — RISK: LOW

REQUIREMENT: Litter & waste must be contained on site, before disposal in a responsible manner. Waste generation must be minimised

21. MOVEMENT OF SOIL:

All movement will limited to cut to fill where practicable

22. WASTE MINIMISATION METHODS:

1. Reduce
2. Reuse
3. Recycle

23. WASTE STORAGE & DISPOSAL

Bins are required onsite and are to be;

- lidded
- Must be of sufficient capacity to cope with demand
- Must be emptied before overflowing
- All litter is to be disposed of in bins

CHEMICALS — RISK: LOW

REQUIREMENT: Storage and spill management practices must be implemented to ensure that no environmental damage can result from the escape or spillage of chemicals or fuels.

25. STORAGE:

- Minimise fuels and chemicals stored on site
- Store fuels & chemicals in a single storage area
- All hazardous chemicals store in a imperviously lined and bunded area

26. SPILL MANAGEMENT:

- Ensure appropriate spill kits are stored on site
- Contractors should ensure compliance with Material Safety Data Sheets

27. REFUELLING PROCEDURE:

- All refuelling to be undertaken offsite where possible,
- Refueling to be undertaken in the refueling area only,
- Refueling area to be bunded

28. BUSHFIRE:

- At the commencement of stage works grass should be slashed to a height of 100mm or less for the area covered and where practical for a distance of 20m around the stage,
- Avoid vehicle driving in or machinery operating in long dry grass, particularly during the declared fire danger period,
- Access tracks & haul roads for the stage should be cleared of grass with a non-combustible surface
- A water tanker should be onsite during the declared fire danger period

LOG BOOK — RISK: N/A

REQUIREMENT: A logbook must be kept, amd must record the information as listed below

29. LOG BOOK

A logbook must be kept, and must record the following information at the wash-down bay for every vehicle, machine or piece of equipment that enters or exits the site:

- Date
- Time
- The name of the person undertaking washdown
- Description (whether machinery, a vehicle or equipment)
- Identification (rego, seriel number)
- Origin (where the machinery, vehicle, piece of equipment or personnel has come from)
- Destination (where the machinery, vehicle or equipment is going to)
- Sign off that a check (for attached soil, dust or weed propagules) has been undertaken, and
- Physical removal of soil and debris methods undertaken

I have read this Environmental Management Plan and agree to undertake works and ensure sub-contractors undertake works in accordance with this plan.

COUNCIL:

CONTRACTOR:

- SITE RUMBLE STRIP
- SITE STOCKPILES
- EXISTING TREE WITH TREE PROTECTION ZONE
- TREE PROTECTION FENCING - (FLAG & PICKET & SIGNED)
- SILT FENCE
- SITE COMPOUND (SITE COMPOUND)
- REFUELING BUND (REFUELLING BUND)
- REFUELING BUND (SPILL KIT)
- EXISTING TREE TO BE REMOVED

WARNING

BEWARE OF UNDERGROUND/OVERHEAD SERVICES
THE LOCATION OF SERVICES ARE APPROXIMATE ONLY AND THEIR EXACT POSITION SHOULD BE PROVEN ON SITE. NO GUARANTEE IS GIVEN THAT ALL EXISTING SERVICES ARE SHOWN.SPECIAL CONSIDERATION SHOULD BE GIVEN TO CONSTRUCTION PROCEDURES UNDER OVERHEAD ELECTRICITY TRANSMISSION LINES.

WODONGA CREEK CONSTRUCTION ENVIRONMENT MANAGEMENT PLAN - Types & Locations of Environmental Protection Measures

W023022-A-Dick Street Underpass & Stock Route Reserve South

Drawing No. W023022 Rev A 01/05/2026

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WODONGA CREEK CONSTRUCTION ENVIRONMENT MANAGEMENT PLAN - Types & Locations of Environmental Protection Measures

W023022-B-Stock Route Reserve North

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W023022-C-DIAMOND PARK

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RISK ASSESSMENT CHECKLIST

Noise

ISSUES:

- Nature of Noise Generating Works: Vehicles & Plant
- Potential Noise Receptors: Surrounding residents
- Proximity of Works to Noise Receptors: Low density residential dwellings >150m

Likelihood: Likely
Consequences: Minor
Overall Risk: Medium

Dust

ISSUES:

- Dust Sources: Vehicles
- Potential Dust Receptors: Surrounding residents
- Proximity of Works to Dust Receptors: Low density residential dwellings > 150m

Likelihood: Likely
Consequences: Minor
Overall Risk: Medium

Erosion and Sediment

ISSUES:

- Erosion and Sediment Sources: Recently placed fill, exposed topsoil
- Potential Erosion and Sediment Receptors: Wodonga Creek
- Proximity of Works Erosion and Sediment Receptors: 600m
- Extent of Exposed Earth and Duration of Time Exposed: 4.60Ha, upto 28days at times
- Soil Type and Erosivity: Silty Clays, high
- Slope: Varied
- Site Drainage Regime: Surface Drainage
- Vehicle Movements On and Off Site: Upto 100 vehicles per day via a single entry/exit

Likelihood: Likely
Consequences: Major
Overall Risk: Significant

Waste

ISSUES:

- Nature of Waste to be Generated: Construction Waste & litter
- Presence of Waste on Site Prior to Work Commencement: Nil
- Quantity of Waste Anticipated: Negligible
- Potential Waste Receptors: Surrounding residents

Proximity to Potential Waste Receptors: Low density residential dwellings > 150m

Likelihood: Likely
Consequences: Minor
Overall Risk: Medium

Chemicals

ISSUES:

- Types of Chemicals and Fuels Used and /or Stored On Site: as per MSDS
- Quantities of Chemicals and Fuels Used and/or Stored On Site: as per MSDS
- Potential Chemical Receptors: residents/waterways
- Proximity to Potential Chemical Receptors: >150m/600m

Likelihood: Rare
Consequences: Moderate
Overall Risk: Low

Flora/Fauna

ISSUES:

- Types of Flora/Fauna: Native vegetation to be retained
- Vulnerability of Flora/Fauna: Low, TPZ defined by arborist
- Proximity of Flora/Fauna to Works: ,10m
- Work Activities Which May Threaten Flora/Fauna: movement of construction machinery and plant
- Potential Impacts on Flora/Fauna: damage mitigated through tree protection zones

Likelihood: Rare
Consequences: Moderate
Overall Risk: Low

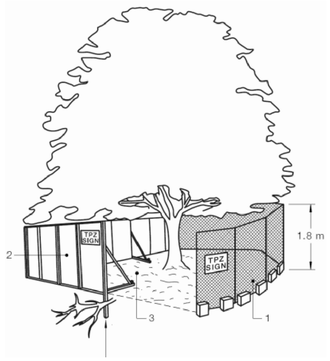
Archaeological/Heritage

ISSUES:

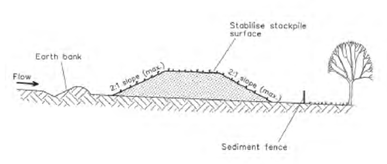
- Approved CHMP No. 20361 applies to the Wodonga Creek Activation Project. The CHMP found no Aboriginal cultural heritage in the Activity Area; however, the approved CHMP must remain onsite and all workers must be inducted into CHMP requirements. Works must remain within the CHMP activity area. If suspected Aboriginal cultural heritage is discovered, works must stop within at least 10 m, the area must be fenced as a no-go zone, and a qualified Heritage Advisor notified within 2 working days. If suspected human remains are found, works must stop within at least 30 m and Victoria Police/State Coroner must be notified immediately.

Likelihood: Rare
Consequences: High
Overall Risk: Low

Tree protection detail

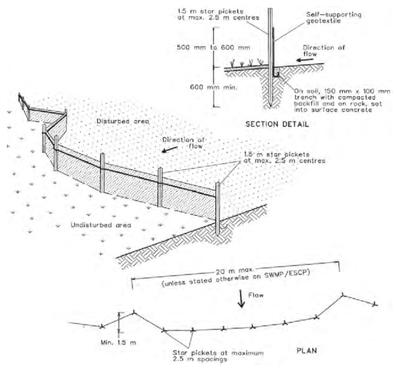


- ALL TREE PROTECTION ZONES MUST COMPLY WITH AS 4970-2009
- TREE PROTECTION WORKS AS DEFINED IN ARBORISTS REPORT
- POSTS ARE TO BE STEEL STAR PICKETS AT 3.0m SPACING

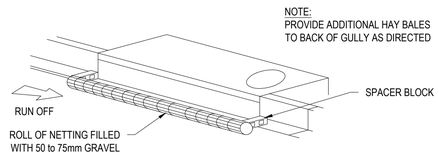


- PLACE STOCKPILES MORE THA 2 METRES FROM EXISTING VEGETATION, CONCENTRATED WATER FLOW, ROADS & HAZARD AREAS
- CONSTRUCT ON THE CONTOUR AS LOW, FLAT, ELONGATED MOUNDS
- STOCKPILES SHOULD BE LESS THAN 2.0m IN HEIGHT WHERE POSSIBLE

Sediment Fence Detail

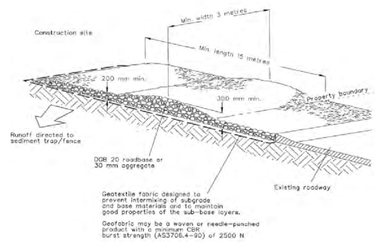


- CONSTRUCT FENCES AS CLOSE AS POSSIBLE TO BEING PARALLEL TO THE CONTOURS OF THE SITE
- CUT A 150mm DEEP TRENCH ALONG THE UPSLOP LINE OF THE TRENCH FOR THE BOTTOM OF THE FABRIC TO BE ENTRENCHED
- DRIVE A 1.50m LONG STAR PICKET INTO THE GROUND AT 2.50m INTERVALS. ENSURE STAR PICKETS ARE FITTED WITH SAFETY CAPS

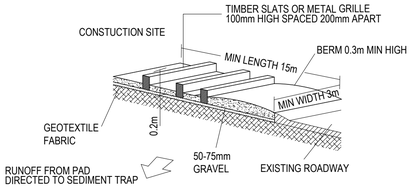


KERB INLET PROTECTION

NOT TO SCALE

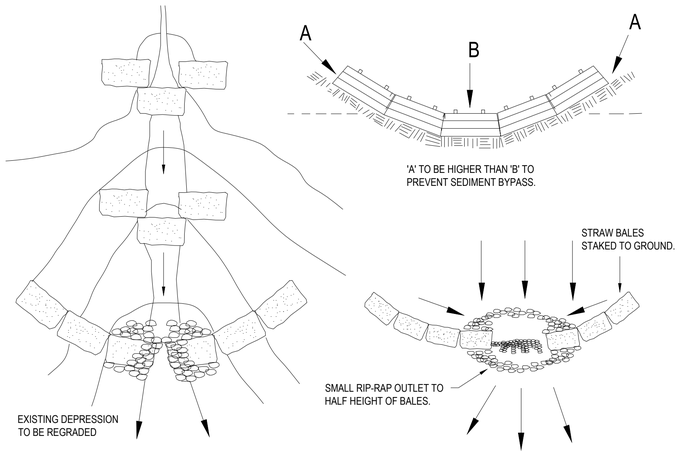


- STRIP THE TOPSOIL, LEVEL THE SITE AND COMPACT SUBGRADE
- COVER THE AREA WITH NEEDLE PUNCHED GEOTEXTILE
- CONSTRUCT A 200mm THICK PAD OVER THE GEOTEXTILE USING ROAD BASE OR 30mm AGGREGRATED



TEMPORARY CONSTRUCTION VEHICLE ENTRY/EXIT

N.T.S.



STRAW BALE & STONE TRAP DETAILS

NOT TO SCALE

Other

ISSUES:

-
-
-
-
-

Likelihood:
Consequences:
Overall Risk:

Other

ISSUES:

-
-
-
-
-

Likelihood:
Consequences:
Overall Risk:

I have read this Site Environmental Management Plan and agree to undertake works and ensure that subcontractors undertake works in accordance with this plan.

Developer:
Contact:

Consultant: Woodward Land & Civil
Contact: Stuart Woodward, 0403 090 178

Contractor: TBC
Contact: TBC