Appendix B8

Accommodation Camp Management Plan

HumeLink West

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Revision: 09.1

TransGrid

Date 25/09/2026

Document Control

Approvals

Title	HumeLink West Accommodation Camp Management Plan
Endorsed by Environment Representative	[redacted] (WolfPeak Group Pty Ltd.)
Approved on behalf of HLWJV by	[redacted]
Signed	
Dated	25/09/2026

Version Control

Revision	Date	Description	Author	Reviewer	Approver
A	06/12/2023	Initial draft – prior to accommodation design	[redacted]		
B	01/02/2024	Updated with initial WAF designs			
C	25/03/2024	Update for TG comments and formatting			
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09	20/02/2026	Minor update to close ER comments			
09.1	25/09/2026	Minor update for relocating car parking at Kunama (Appendix E4.1)			

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The document is uncontrolled when printed. One controlled hard copy of the Management Plan will be maintained by the Quality Manager at the HLW office and on the HumeLink website, were relevant.

Copy number	Issued to	Version

Contents

1. Introduction 10
1.1. Context 10
1.2. Background and project description 10
1.3. Accommodation facilities use and siting 12
1.4. Interface with other planning documents 13

2. Purpose and objectives 16
2.1. Purpose 16
2.2. Objectives 16
2.3. Targets 16
2.4. Staging 17

3. Environmental requirements 19
3.1. Legislation 19
3.2. Guidelines and standards 19
3.3. Stakeholder requirements 20
3.4. Minister's Conditions of Approval 20
3.5. Updated Environmental Management Measures 35

4. Consultation 41
4.1. Consultation for plan preparation 41
4.2. Ongoing consultation 41
4.3. Complaints management 41

5. Existing environment / Accommodation Facilities 43
5.1. Existing environment accommodation 43

6. Environmental aspects and impacts 50
6.1. Biodiversity 50
6.2. Heritage 50
6.3. Land use and property 50
6.4. Visual amenity 50
6.5. Social and economic 50
6.6. Hydrology, flooding and water quality 51

6.7. Air quality 51
6.8. Odours 52
6.9. Noise and Vibration 52
6.10. Traffic and access 52
6.11. Hazards and risk 54
6.12. Soils and contamination 54
6.13. Waste management 54
6.14. Cumulative impacts 55
6.15. Disestablishment and site rehabilitation 55

7. Environmental control measures 56

7.1. Flooding 56
7.2. Water Quality 57
7.3. Bushfire safety 57
7.4. Utilities 58
7.5. Wastewater treatment 60
7.5.1. Dust suppression 61
7.6. Management and mitigation measures 61

8. Compliance management 71

8.1. Roles and responsibilities 71
8.2. Training 71
8.3. Monitoring and inspection 71
8.4. Auditing 72
8.5. Incidents and non-compliances 72
8.6. Reporting 72

9. Review and improvement 73

9.1. Continuous improvement 73
9.2. Plan update and amendment 73
1. Introduction 106
2. Health and Safety 106
1. Fitness For Work 106
2. Emergency Procedures 106
3. Precautions against fire 107
4. General Hygiene and Sanitation 107
5. Village Rubbish and Waste 107
6. Daily Transport 107
3.0 Accommodation 107
3.1 Provision of Accommodation 107
3.2 Checking-in and Checking out 108
3.3 Room Servicing 108
9.2.1. 3.4 Reporting maintenance and defects 109
9.2.2. 3.5 Personal Property 109

9.2.3. 3.6 Smoking 109
9.2.4. 3.7 Medical Treatment 110
4.0 Meals & Dining 110
5.0 Alcohol 110
6.0 Vehicles and Parking 110
7.0 Noticeboards 111
8.0 Complaints & Feedback 111
9.0 Workplace Camera Surveillance 111
10.0 Gymnasium 111
11.0 Standards of Behaviour 112
12.0 Serious Misconduct 112
13.0 Prohibited Items 113
14.0 Security and Community 113
14.0 Acknowledgement of the HLW Accommodation Village Rules 115

Figures

Figure 1-1 Staging for HumeLink 11
Figure 1-2: Accomodation facility locations 12
Figure 2-1 Site based resource indicative projection 18
Figure 7-1: Basin catchments 56

Tables

Table 1-1 Key interrelating documents 13
Table 3-1: MCoA relevant to the ACMP 21
Table 3-2 Updated EMMs relevant to the ACMP 35
Table 5-1 Accommodation facility description 44
Table 6-1: Indicative vehicle movements accommodation sites 53
Table 7-1: Summary of utility management 59
Table 7-2 Wastewater quality objectives to be applied 60
Table 7-3: Accommodation facility mitigation measures 63

Annexures

Annexure A Other UMMs relevant to this plan
Annexure B Workers Accommodation Facility Layout
Annexure C Consultation Report
Annexure D WAF Occupancy Rules

Definitions

Term	Definition
Compliance audit	Verification of how implementation is proceeding with respect to a Construction Environmental Management Plan (CEMP) (which incorporates the relevant approval conditions).
Enabling Works	An initial stage (as defined under an approved Enabling Works Management Plan under condition B64 of this approval) of the following activities defined as low risk in the Enabling Works Management Plan: 1. Site establishment and the operation of construction compounds, including excavations, surface preparation, site access points and utility connections; 2. Site establishment of worker accommodation facilities; 3. Minor adjustments to existing access tracks and road improvement; 4. Utility relocations and adjustments; 5. Establishment of new access tracks in the Enabling Works Management Plan
Environmental aspect	Defined by AS/NZS ISO 14001:2015 as an element of an organisation's activities, products or services that can interact with the environment.
Environmental impact	Defined by AS/NZS ISO 14001:2015 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.
Environmental objective	Defined by AS/NZS ISO 14001:2015 as an overall environmental goal, consistent with the environmental policy, that an organisation sets itself to achieve.
Environmental policy	Statement by an organisation of its intention and principles for environmental performance.
Environmental target	Defined by AS/NZS ISO 14001:2015 as a detailed performance requirement, applicable to the organisation or parts thereof, that arises from the environmental objectives and that needs to be set and met in order to achieve those objectives.
Environmental Representative	A suitably qualified and experienced person independent of HumeLink design and construction personnel employed for the duration of construction. The principal point of advice in relation to all questions and complaints concerning environmental performance.
HumeLink Approvals	HumeLink approvals include: ▪ HumeLink Infrastructure Approval NSW SSI 36656827 ▪ HumeLink EPBC Approval Cth EPBC 2021/9121
Non-compliance	Failure to comply with the requirements of the HumeLink Approvals or any applicable licence, permit or legal requirements.
Non-conformance	Failure to conform to the requirements of HLW system documentation or supporting documentation, but is not considered a non-compliance.

Term	Definition
Planning Approval Documentation	The NSW planning approval documents, as they relate to the HLW and as listed in MCoA A2 of the NSW Infrastructure Approval for HumeLink (SSI 36656827)
Principal, the	Transgrid
Synergy	UGL-CMS incident management software program to manage, report, record and take action on emergency and incidents.
Waste Tracking Register	Spreadsheet used for managing and reporting predominantly on waste classification, quantities, and destinations

Abbreviations

Abbreviation	Expanded text
ACMP	Accommodation Camp Management Plan
APZ	Asset protection zone
AR	Amendment Report to the Environmental Impact Statement
ANZECC	Australian and New Zealand Environment and Conservation Council
ARMCANZ	Agriculture and Resource Management Council of Australia and New Zealand
BDAR	Biodiversity Development Assessment Report
BFEMEP	Bushfire Emergency Management Evacuation Plan (Part of the Emergency Plan under MCoA B52)
BMP	Biodiversity Management sub-plan
CCS	Community consultation strategy
CEMP	Construction Environmental Management Plan
CEMS	Contractors Environmental Management System
CoMA	Commonwealth Conditions of Ministerial Approval (EPBC:2021/9121)
CSSI	Critical State Significant Infrastructure, as described in Schedule 1, the carrying out of which is approved under the terms of this approval
Cth	Commonwealth of Australia
DCCEEW - Cth	The Commonwealth Department of Climate Change, Energy, the Environment and Water
DCCEEW – NSW	Department of Climate Change, Energy, the Environment and Water (NSW) (formerly DPE)
DPE	Department of Planning and Environment
DPHI	Department of Planning, Housing, and Infrastructure (formerly DPE)
DPI	Department of Primary Industries
ECM	Environmental Constraints Map
EHNV	Epizootic Haematopoietic Necrosis Virus
EIS	Environmental Impact Statement
EMS	Environmental Management System
ENM	Excavated natural materials
EP&A Act	*Environmental Planning and Assessment Act 1979* (NSW)
EPA	NSW Environment Protection Authority
EPBC Act	*Environmental Protection and Biodiversity Conservation Act 1989* (Cth)
EPL	Environment Protection Licence
ER	Environmental Representative
ESCP	Erosion and Sediment Control Plan

Abbreviation	Expanded text
EWMP	Enabling Works Management Plan
EWMS	Environmental Work Method Statement
HLWJV	HumeLink West Joint Venture (UGL Limited and CPB Contractors)
HLE	The HumeLink East Stage of the HumeLink project
HLW	The HumeLink West Stage of the HumeLink project
ICNG	Interim Construction Noise Guideline
Minister (NSW), the	NSW Minister for Planning and Environment
Minister (Cth), the	Cth Minister for Climate Change, Energy, the Environment and Water
MCoA	NSW Minister's Conditions of Approval (SSI-36656827)
NATA	National Association of Testing Authorities
NOA	Naturally Occurring Asbestos
NML	Noise management level
NSW	New South Wales
OHL	Overhead lines
PESCP	Progressive Erosion and Sediment Control Plan
POEO Act	*Protection of the Environment Operations Act 1997* (NSW)
REMM	Environmental Mitigation Measure as outlined in the HumeLink EIS and AR documentation
RFS	Rural Fire Service
RMS	Roads and Maritime Services
ROL	Road occupancy licence
RtS	Response to Submissions Report
SEARs	Secretary's Environmental Assessment Requirements
SSI	State Significant Infrastructure, as described in Schedule 1, the carrying out of which is approved under the terms of the SSI 36656827 approval
TfNSW	Transport for New South Wales
VENM	Virgin excavated natural materials
VOC	Volatile organic compounds
WAF	Worker Accommodation Facilities
WMP	Waste Management Sub-Plan
WWTP	Wastewater Treatment Plants

1. Introduction

1.1. Context

This Accommodation Camp Management Plan (ACMP) has been prepared to describe and outline how the HumeLink West (HLW) Joint Venture (UGL Limited and CPB Contractors) (HLWJV) will manage the environmental aspects of the Worker Accommodation Facilities (WAF), required to temporarily house those members of the workforce not accommodated within existing housing, during construction.

The ACMP forms part of the HLW Construction Environmental Management Plan (CEMP) and its associated sub-plans and applies to the operation of the WAFs. The establishment of the WAFs is managed by the Enabling Works Management Plan (EWMP) and is described in Chapter four of the HumeLink Environmental Impact Statement (EIS) and associated Planning Approval Documentation listed under Minister's Conditions of Approval (MCoA) A2.

The ACMP has been developed in consultation with the City of Wagga Wagga (Tarcutta Accommodation Facility – AC03), Snowy Valleys Council (Kunama Accommodation Facility – AC07) and Transport for NSW (TfNSW) (AC03 and AC07).

This ACMP is the active management plan for the operation of the WAFs following their construction. Management of HLW wide aspects, such as unexpected discovery, spill and emergency response will be managed in accordance with the CEMP procedures and relevant sub-plans.

1.2. Background and project description

The background and description of the HumeLink project (HumeLink) and the staging of HumeLink into the HumeLink East project (HLE) and HLW is detailed in Section 1.1 and Section 1.3 of the CEMP and represented in Figure 1-1. The location of the worker accommodation facilities is shown in Figure 1-2.

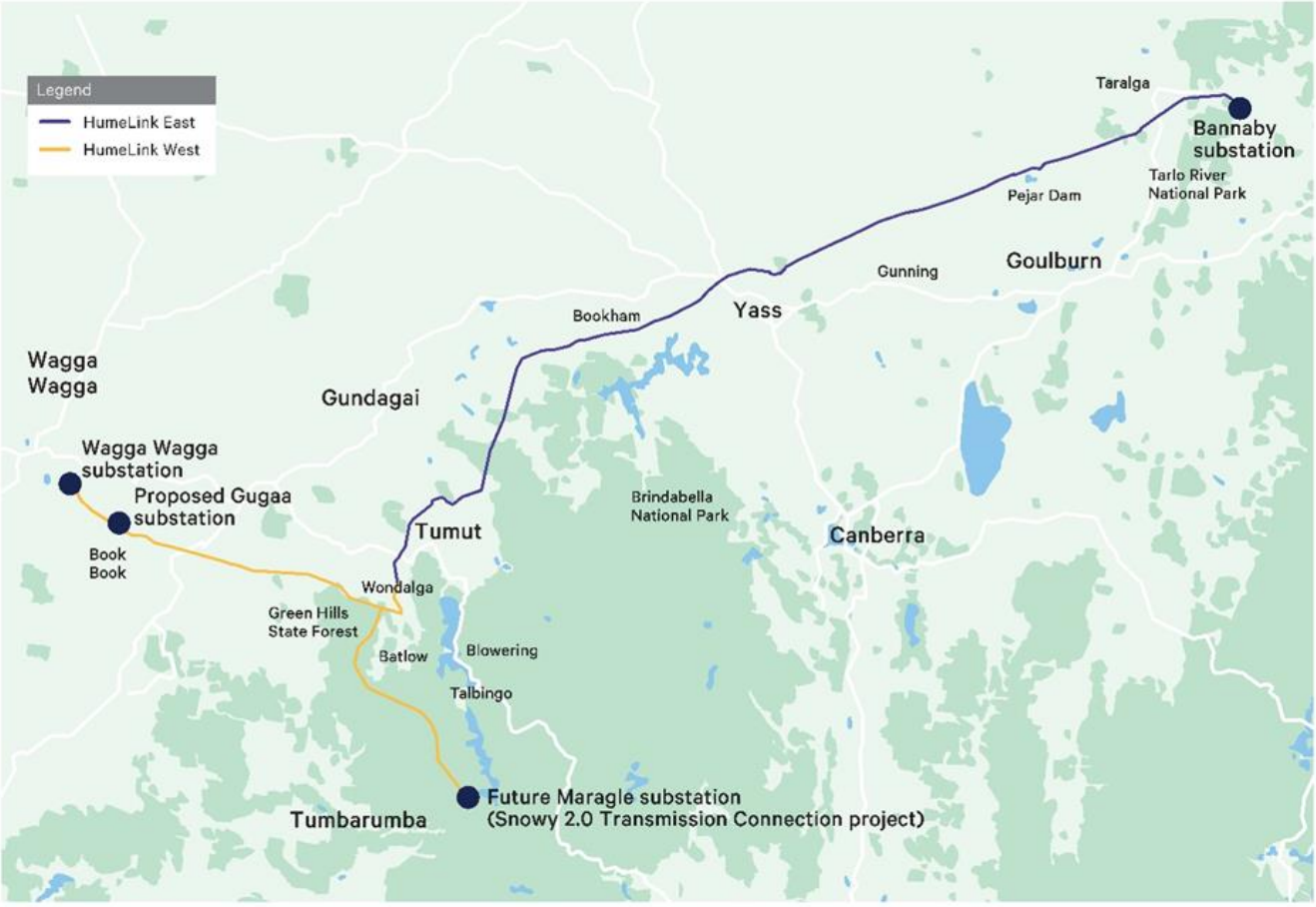


Figure 1-1 Staging for HumeLink

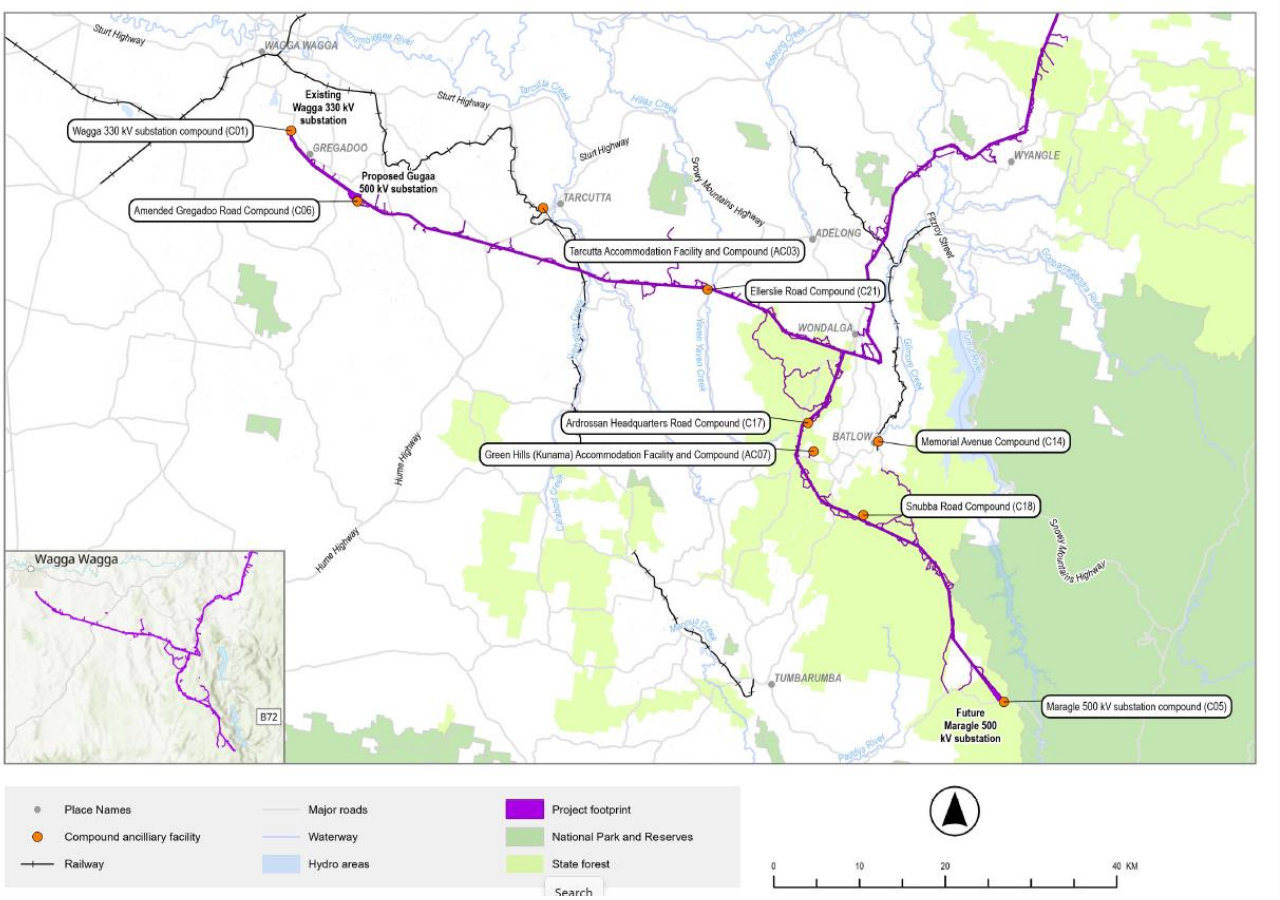


Figure 1-2: Accomodation facility locations

1.3. Accommodation facilities use and siting

Accommodation facilities provide temporary accommodation, recreation and relaxation for Project workers in locations that minimise travel time to HLW construction sites. Accommodation facilities include:

- Sleeping and ablution facilities (demountable accommodation cabins).
- Parking for Project vehicles.
- Mess and recreational facilities.
- Offices.
- Covered walkways between accommodation and other facilities.
- Kitchen and storage areas.
- First aid room.
- Laundries and linen storage.
- Central ablution block.
- Locker/baggage building.
- Spiritual room.
- Mother’s room.
- Gymnasium.
- Outdoor sports facilities.
- Waste water treatment plant.

The criteria for site locations are set out in Chapter 4 of the EIS and as amended in Section 5.1 of the Amendment Report and included distance from project works, site gradient, access, proximity of sensitive receivers, to avoid environmentally sensitive areas and availability of existing utilities.

The scope of this ACMP is to describe how the HLWJV proposes to manage the operation of the two WAFs at Mates Gully Road, Tarcutta and Greenhills Access Road, Kunama during the construction of HLW.

1.4. Interface with other planning documents

This Plan is a component of a suite of documents, prepared as part of the implementation of HLWJV's Environmental Management System, and is based on the requirements of the UGL Environmental Management System (UGL-EMS). The UGL-EMS overview is described in the Section 1.4 of the CEMP.

The key documents that interrelate with this Plan are outlined in Table 1-1 below.

Table 1-1 Key interrelating documents

Plan	Reference	Interface
Environmental Management Strategy (EMS)	MCoA C1	• Presents the framework for environmental management for construction works carried out by Transgrid and its Delivery Partners (DPs). • Represents an overarching document for the Project, with specific environmental management requirements and compliance assurance addressed in the CEMP and relevant subplans.
Construction Environmental Management Plan (CEMP)	Internal Document	• Applicable to all staff and sub-contractors associated with the construction of the HLW. • Details key construction activities of the HLW (Table 1.3). • Provides details on overall HLW staging, interactions between Sub-Plans of the CEMP, and management of cumulative impacts. • Provides a framework for how the construction works will be managed. • Identifies procedures, processes and management systems that will apply in relation to construction activities. • Provides environmental planning and controls for construction including environmental risk assessment, regulatory requirements, protection measures and sustainability requirements.

Plan	Reference	Interface
Enabling Works Management Plan (EWMP)	MCoA B64	• Provides a framework for how some HLW activities may be undertaken prior to construction as part of the Enabling Works; these activities do not constitute 'construction' as defined in the MCoA . • Identifies procedures, processes and management systems that will apply in relation to enabling work construction activities. • Provides environmental planning and controls for enabling work construction including environmental risk assessment, regulatory requirements, protection measures and sustainability requirements.
Soil and Water Management Sub-Plan	MCoA B24	• Provides details on HLW management of soils to minimise some air quality impacts.
Traffic and Transport Management Sub-Plan	MCoA B39	• Informs road users, transport operators, emergency services and local communities, in relation to changed traffic conditions. • Details how HLWJV will manage traffic volumes in accordance with the EIS. • Details Traffic Management Measures, Buses and Carpooling, Driver Code of Conduct, and Vehicle Movement Plans (light and heavy vehicles)
Sustainability Management Plan		• Identifies the sustainability policy commitments, objectives, and targets for HumeLink West. • Describes the key drivers for those commitments. • Describes the sustainability management framework. • Provides a summary of how the sustainability targets will be met.
Emergency Management Plan	MCoA B52	• Details framework for health and safety processes. • Provides health and safety procedures for those wastes that have potential human health risks.
Interface and Third-Party Management Plan		• Details framework for third party interaction. • Provides procedures, processes and management systems that will apply in relation third party management.

Plan	Reference	Interface
Community Communication Strategy	MCoA A24	• Details the framework for management of stakeholders and how to engage them. • Provides processes and procedures that guide the outcome of community engagement. • Provides an assessment of sensitive receivers indicating special considerations that will impact traffic control devices.
Local Business and Employment Strategy	MCoA B60	• Developed to optimise the participation of local and regional suppliers and contractors, including Indigenous businesses, in the project supply chain. • Support the delivery of the Australian Industry Participation Authority objectives and commitments outlined in the project-specific Australian Industry Participation Plan.
Social Impact Management Plan	MCoA B61	• Outlines the HLW potential impacts and management measures to guide the HLWJV's long-term social performance

2. Purpose and objectives

2.1. Purpose

This ACMP describes the environmental management approach to be adopted during the operation of the following WAFs:

- Tarcutta accommodation and construction facility (AC03); and
- Kunama accommodation and construction facility (AC07).

This Plan addresses the management requirements detailed within the HumeLink Infrastructure Approval NSW SSI 36656827 and HumeLink EPBC Approval Cth EPBC 2021/9121 (HumeLink Approvals) as relevant to the operation of the WAFs. This includes the Planning Approval Documentation listed in the MCoA A2:

- HumeLink - EIS (Transgrid).
- RtS EIS (Transgrid).
- HumeLink - Amendment Report (Transgrid).

Activities being undertaken at the Tarcutta accommodation and construction facility (AC03) and Kunama accommodation and construction facility (AC07) that do not directly relate to the operation of the accommodation facilities are outside of the scope of this ACMP. Areas to be managed under this ACMP are depicted in Annexure B.

2.2. Objectives

The key objective of the ACMP is to ensure all MCoA, environmental management measures and licence/permit requirements relevant to accommodation camps are described, scheduled, and assigned responsibility as outlined in:

- The HumeLink Approval:
  - HumeLink Infrastructure Approval NSW SSI 36656827.
- HumeLink EPBC Approval Cth EPBC 2021/9121.
- Planning Approval Documentation listed in the MCoA A2 and as amended:
  - HumeLink - EIS (Transgrid).
  - HumeLink - Amendment Report (Transgrid).
  - HumeLink – Biodiversity Development Assessment Report (BDAR) (August 2022).
  - Environmental Management Measures (EMM).
- Relevant legislation and other requirements described in Section 3.1 of this Plan.

2.3. Targets

To ensure the successful operation of the accommodation facilities has the least practicable impact on the community and environment the management strategies for accommodation facilities will ensure the safe and efficient operation of the accommodation sites. The ACMP will where practical and in order of preference, eliminate, minimise or mitigate the impacts of the accommodation facilities.

The requirements for the operation of the accommodation facilities include:

- Compliance with the Australian and New Zealand Environment Conservation Council (ANZECC) & Agriculture and Resource Management Council of Australia and New Zealand (ARMCANZ) (2000) guidelines for irrigation water quality.
- Operating in accordance with the Public Health Act 2010.

- Minimise nuisance dust from site.
- Where practical reuse treated wastewater for dust suppression.
- Operate water, wastewater and electricity utilities in a safe and responsible manner.
- Minimise noise impacts on neighbouring receivers.
- Provide for appropriate resource reduction and waste management.
- Provide a safe and efficient accommodation facility.
- Provide for safe vehicle access to and from the site.
- Maintain stormwater systems to reduce impacts to surface water, local flooding and groundwater.
- Provide for appropriate responses to emergencies, including bushfire and spills.

2.4. Staging

MCoA B58 of the Approval SSI – 36656827 requires that, unless the Planning Secretary agrees otherwise, the accommodation camps must be constructed and operational in accordance with staging set out in MCoA B59(e), prior to commencing construction. In response to a request from HLWJV, the Planning Secretary subsequently approved the commencement of construction of HLW prior to the operation of accommodation camps. The approval, issued on 14 July 2025, permits an alternate timeframe for the commencement of operation of the Tarcutta and Kunama accommodation camps to on or before 31 October 2025.

Reflecting the requirements of MCoA B67, the establishment of the accommodation camps is to be undertaken during the Enabling Works and construction will be managed under the EWMP. The EWMP will be implemented for the duration of Enabling Works, which, unless otherwise agreed with the planning secretary is for a period of four months from the commencement of Enabling Works. On 8 May 2025, the Department approved an application under B66 to extend the period of enabling works until the commencement of construction. Should the establishment of the accommodation camps not be completed during the Enabling Works, any remaining establishment scope will be managed in accordance with the CEMP and sub-plans.

Accommodation facilities have been designed to accommodate peak numbers of 630 workers across the HLW. Anticipated workforce numbers, composition and timing of involvement are shown in Figure 2-1.

As permitted by MCoA B59(e), the operation of the accommodation camps has been staged as follows to align with the timing of the construction workforce:

- Stage 1: Interim Worker Accommodation – Approximately 268 workers will be housed in temporary accommodation facilities (including the REX Pilot Academy) during site establishment, Enabling Works and the commencement of construction.
- Stage 2: Tarcutta WAF – A total of 347 beds will be available at the Tarcutta WAF in September 2025 which will be sufficient to house the predicted workforce of 340 people.
- Stage 3a: Tarcutta WAF and Kunama WAF –Consistent with the timing of the workforce, the first Kunama tranche, consisting of 176 beds will be completed in November 2025 to combine with the 347 beds at Tarcutta.
- Stage 3b: Tarcutta WAF and Kunama WAF - the second tranche of 171 beds will be completed at Kunama in November/December 2025 to have 347 beds at each WAF, a total of 694 beds.
- Stage 4: Tarcutta WAF and Kunama WAF – An additional 168 beds will be completed at the Tarcutta WAF (96 beds) and Kunama WAF (72 beds) in February/March 2026, a total of 862 beds.

Upon becoming operational, the Tarcutta WAF and the Kunama WAF will have the capability to

accommodate the peak construction workforce.

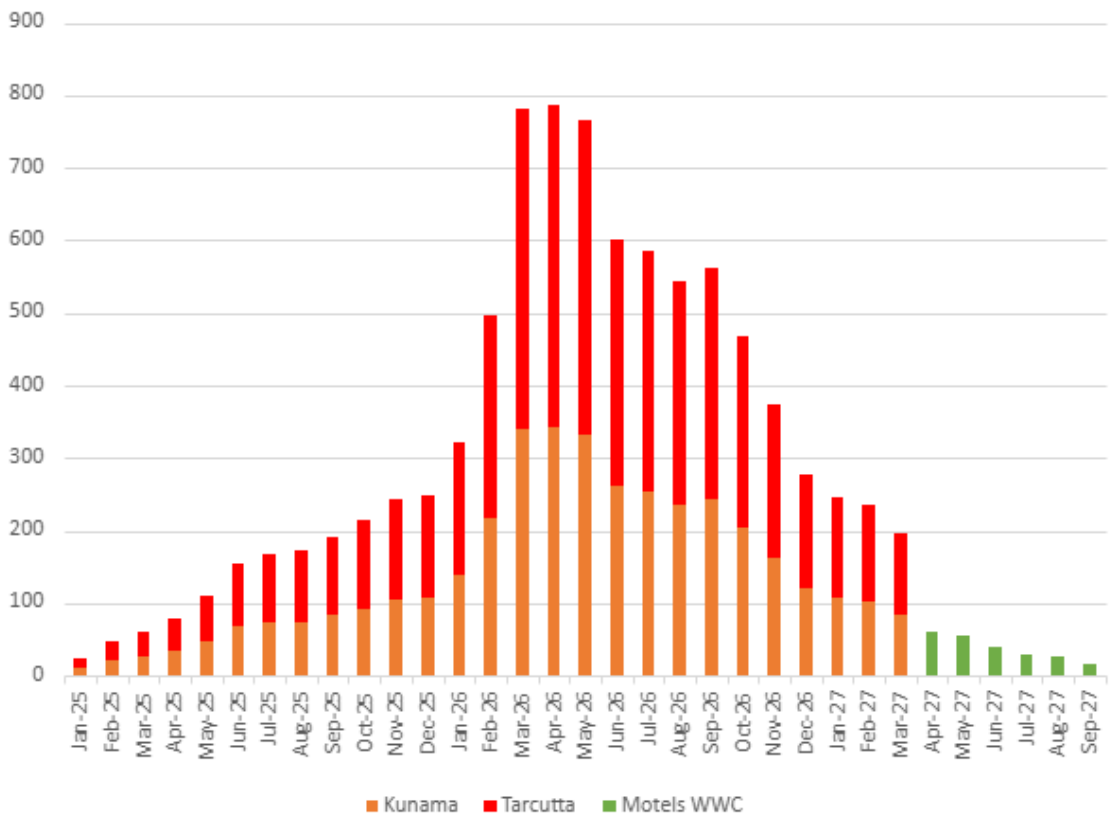


Figure 2-1 Site based resource indicative projection

3. Environmental requirements

3.1. Legislation

This ACMP has been prepared in accordance with the legislation applicable to the operation of temporary worker accommodation in New South Wales, including:

- *Aboriginal and Torres Strait Islander Heritage Protection Act 1984* (Commonwealth (Cth)).
- State Environmental Planning Policy (Planning Systems) 2021.
- *Environmental Planning and Assessment Act 1979.*
- *Biodiversity Conservation Act 2016.*
- *Biosecurity Act 2015.*
- *Local Land Services Act 2013.*
- *Public Health Act 2010.*
- *Rural Fires Act 1997.*
- *Protection of the Environment Operations (Waste) Regulation 2005.*
- *Contaminated Land Management Act 1997.*
- *Protection of the Environment Operations Act 1997.*
- *Heritage Act 1977.*
- Local Government (Manufactured Home Estates, Caravan Parks, Camping Grounds and Moveable Dwellings) Regulation 2005.
- *National Parks and Wildlife Act 1974.*
- *Native Title Act 1993 (Cth).*

Relevant provisions of the above legislation are detailed within the register of legal and other requirements included in CEMP Appendix A3.

3.2. Guidelines and standards

Guidelines that are relevant to the design and operation of the Accommodation facilities include:

- AS/NZS:2018 Electrical Installation
- AS 3959:2018 Construction of buildings in bushfire-prone areas.
- AS 1940:2017 The storage and handling of flammable and combustible liquids
- AS/NZS 1596:2014 The storage and handling of LP Gas
- ANZECC & ARMCANZ (2000) Australian and New Zealand Guidelines for Fresh and Marine Water Quality.
- NSW Department of Primary Industries, 2015, Recycled Water - Guidance Document, Recycled Water Management Systems.
- Landcom, 2004, Managing Urban Stormwater: Soils and Construction Volume 1, 4th Edition and Volume 2D Main Roads Construction (DECC 2008) - commonly referred to as the 'Blue Book'.
- Natural Resource Management Ministerial Council, Environment Protection and Heritage Council and Australian Health Ministers' Conference (2006) National Water Quality Management Strategy – Australian Guidelines for Water Recycling: Managing Health and Environmental Risks (Phase 1).
- National Construction Code (NCC) 2019
- NSW Department of Environment and Climate Change (DECC), 2009, Interim Construction

Noise Guideline (ICNG).

- NSW Rural Fire Service, 2019, Planning for Bushfire Protection – A guide for councils, planners, fire authorities and developers, Sydney.
- EPA, 2007, Storing and Handling of Liquids: Environmental Protection – Participants Manual.

3.3. Stakeholder requirements

Consultation with Snowy Valleys Council, Wagga Wagga City Council and TfNSW is contained in Annexure C.

3.4. Minister's Conditions of Approval

The MCoA relevant to this Plan are listed in Table 3-1. A cross reference is also included to indicate where and how the conditions are addressed in this Plan or other HLW management documents.

Table 3-1: MCoA relevant to the ACMP

MCoA No.	Condition Requirements	Document Reference
Accommodation Camps		
B58	Unless the Planning Secretary agrees otherwise, the proponent must construct and operate the accommodation camps as described in the EIS and in Appendix 1 of this approval, in accordance with staging set out in B59(e), prior to commencing construction.	Section 2.4 Table 5-1
B59	Prior to commencing construction of the accommodation camps, but excluding Enabling Works where the relevant requirements of this condition are adequately addressed in the Enabling Works Management Plan of condition B64, the Proponent must prepare an Accommodation Camp Management Plan in consultation with the relevant Council and TfNSW, and to the satisfaction of the Planning Secretary. Unless the Planning Secretary agrees otherwise, the plan must:	This plan or Enabling Works Management Plan in accordance with MCoA B64
	(a) ensure utilities at the accommodation camps, including water, wastewater, waste and electricity, are designed and located in accordance with the relevant Council specifications and relevant standards;	Section 3.2 Section 7.3 Section 7.4 Section 7.6 Annexure B
	(b) ensure the accommodation camps comply with conditions B23 and B51;	Section 7.1 Section 7.3 Consultation under MCoA B51(e) has been addressed in the BFEMEP prepared to address this condition.
	(c) ensure any treated wastewater from the accommodation camps used for dust suppression during construction:	Section 7.5 Section 7.5.1

MCoA No.	Condition Requirements	Document Reference
	(i) complies with the Australian and New Zealand Environment and Conservation Council (ANZECC) & Agriculture and Resource Management Council of Australia and New Zealand (ARMCANZ) (2000) Guidelines for irrigation water quality; (ii) meets the requirements of the Public Health Act 2010;	
	(d) include measures for dust suppression within the accommodation camp;	Section 7.5.1
	(e) quantify the proposed capacity of workers accommodated at each accommodation camp or stage of accommodation camp and how the proposed staging of the camp meets the construction workforce for that stage timeframe;	Section 2.4 Table 5-1
	(f) provide the site layout including building locations, vehicle access and movement, site servicing and utilities infrastructure;	Annexure B
	(g) include a blade throw risk assessment for the Crookwell temporary workers accommodation camp and detail any mitigation measures required as an outcome of the assessment;	N/A
	(h) include measures to support local suppliers in servicing the camp where possible; and	Section 6.5 Table 7-3 Local Business and Employment Strategy (LBES)
	(i) include measures to facilitate worker cohesion, safety, health and wellbeing and provision of on-site medical services. The Proponent must implement the Accommodation Camp Management Plan.	Section 5.1
B67	Unless otherwise agreed by the Planning Secretary, within 4 months of the commencement of the Enabling Works, the Proponent must update the approved management plans for the development to incorporate any relevant aspects of the Enabling Works Management Plan.	Section 2.4

MCoA No.	Condition Requirements	Document Reference
Noise and Vibration		
B1	Road upgrades, construction, upgrading and decommissioning activities may only be undertaken between: (a) 7 am to 6 pm Monday to Friday; (b) 8 am to 1 pm Saturdays; and (c) at no time on Sundays and NSW public holidays; unless the Planning Secretary agrees otherwise.	Noise and Vibration Management Plan or Enabling Works Management Plan in accordance with MCoA B64
B2	The following activities may be carried out outside the hours specified in condition B1 above: (a) the delivery or dispatch of materials as requested by the NSW Police Force or other public authorities for safety reasons; (b) emergency work to avoid the loss of life, property or to prevent material harm to the environment; (c) works carried out in accordance with the hours and noise limits specified in any negotiated agreements with sensitive receivers (owners and occupiers), provided the negotiated agreements are in writing and finalised before the commencement of works; (d) activities that do not result in noise affected sensitive receivers, as defined in *Interim Construction Noise Guidelines* (DECC, 2009) (or its latest version); (e) road upgrades required by the relevant roads authority to be undertaken outside the standard construction hours; or (f) where a rail authority requires a rail possession for the activities to be performed outside of standard construction hours; (g) activities that require a network outage on another distribution or transmission network,	Noise and Vibration Management Plan or Enabling Works Management Plan in accordance with MCoA B64

MCoA No.	Condition Requirements	Document Reference
	and the operator of the network requires the outage and associated works outside standard construction hours; (h) where different hours are permitted or required under an EPL in force in respect of the CSSI; or (i) works carried out in accordance with an Out-of-Hours Work Protocol in accordance with condition B16.	
B9	Where a sensitive receiver is identified as potentially exceeding the construction 'noise affected' noise management level or sleep disturbance criteria established using the Interim Construction Noise Guideline (DECC, 2009), or its latest version, as a result of the construction or operation of the accommodation camps or construction compounds, mitigation measures must be implemented with the objective of reducing construction noise below the relevant criteria at each relevant sensitive receiver. Activities that would exceed the 'noise affected' noise management level or sleep disturbance criteria during construction or operation of these facilities must not commence until the measures identified in this condition have been implemented, unless otherwise agreed with the Planning Secretary. However, this does not apply if the Proponent has an agreement with the relevant owner/s of these receivers to generate higher noise levels, and the Proponent has advised the Department in writing of the terms of this agreement. *Note: Mitigation measures may include path barrier controls, at-property treatment, or a combination of path controls and at-property treatment.*	Noise and Vibration Management Plan or Enabling Works Management Plan in accordance with MCoA B64
B10	Where a sensitive receiver is identified as potentially exceeding the construction 'highly noise affected' noise management level using the Interim Construction Noise Guideline (DECC, 2009), or its latest version, during Enabling works, or construction, mitigation measures must be implemented with the objective of reducing construction noise below the highly noise affected noise management level at each relevant sensitive receiver. Activities that would exceed the 'highly noise affected' noise management level during construction must not commerce until the measures identified in this condition have been implemented, unless otherwise agreed with the Planning Secretary. However, this does not	Noise and Vibration Management Plan or Enabling Works Management Plan in accordance with MCoA B64

MCoA No.	Condition Requirements	Document Reference
	apply if the Proponent has an agreement with the relevant owner/s of these receivers to generate higher noise levels, and the Proponent has advised the Department in writing of the terms of this agreement. *Note: Mitigation measures may include path barrier controls, at-property treatment, or a combination of path controls and at-property treatment.*	
Air Quality		
B17	In addition to the performance outcomes, commitments and mitigation measures specified in the EIS, the Proponent must take all reasonable steps to: (a) minimise the off-site dust, fume, blast emissions and other air pollutants of the development; and (b) minimise the surface disturbance of the site.	Air Quality Management Plan or Enabling Works Management Plan in accordance with MCoA B64
Soil and Water		
B18	The Proponent must ensure that it has sufficient water for all stages of the development, and if necessary, adjust the scale of the development to match its available water supply. *Note: Under the Water Act 1912 and/or the Water Management Act 2000, the Proponent is required to obtain the necessary water licences before commencing any works which intercept or extract groundwater or surface water (unless an exemption applies).*	Soil and Water Management Plan in accordance with MCoA B24 or Enabling Works Management Plan in accordance with MCoA B64
B19	The Proponent must: (a) minimise erosion and control sediment generation; and (b) ensure all land disturbances have appropriate drainage and erosion and sediment controls designed, installed and maintained in accordance with *Best Practice Erosion and Sediment Control* (IECA, 2008), *Managing Urban Stormwater - Soils and Construction Volume 1* (Landcom, 2004), *Managing Urban Stormwater – Soils and Construction Volume 2A Installation of Services* (DECC, 2008) and *Managing Urban Stormwater – Soils and Construction Volume 2C Unsealed Roads* (DECC, 2008), or their latest versions.	Soil and Water Management Plan in accordance with MCoA B24 or Enabling Works Management Plan in accordance with MCoA B64

MCoA No.	Condition Requirements	Document Reference
B20	Unless otherwise authorised by an EPL, the Proponent must ensure the development does not cause any water pollution, as defined under Section 120 of the POEO Act.	Soil and Water Management Plan in accordance with MCoA B24 or Enabling Works Management Plan in accordance with MCoA B64
B21	The Proponent must: (a) design, construct and maintain an appropriate water management system at all substations, concrete batching plants, construction compounds and accommodation camps to prevent pollution; (b) ensure that all liquid waste captured by the substation's spill oil containment system is classified, transported, and disposed of at a facility that can lawfully accept the waste; and (c) minimise any spills of hazardous materials or hydrocarbons, and clean up any spills as soon as possible after they occur.	Section 7.4 Section 7.5 Soil and Water Management Plan in accordance with MCoA B24 or Enabling Works Management Plan in accordance with MCoA B64
B22	The Proponent must ensure all activities on waterfront land are constructed in accordance with the *Guidelines for Controlled Activities on Waterfront Land* (DPE 2022), *Why do Fish Need to Cross the Road? Fish Passage Requirements for Waterway Crossings* (NSW Fisheries 2003) and the *Policy and Guidelines for Fish Habitat and Conservation and Management* (NSW Fisheries, 2013), unless Water Group agrees otherwise;	Soil and Water Management Plan in accordance with MCoA B24 or Enabling Works Management Plan in accordance with MCoA B64
B23	Except for the Gugaa Substation, the Proponent must ensure that the development does not materially alter the flood storage capacity, flows or characteristics in the development area or off-site.	Section 6.6 Section 7.1 Soil and Water Management Plan in accordance with MCoA B24
Biodiversity		

MCoA No.	Condition Requirements	Document Reference
B25	Unless otherwise agreed with the Planning Secretary, the Proponent must: (a) ensure that clearing does not exceed the limits specified in Table 2-1, Table 2-2 and Table 2-3 of Appendix 2 are not exceeded; and (b) minimise: (i) the impacts of the development on hollow-bearing trees; (ii) the impacts of the development on threatened species; and (iii) the clearing of native vegetation and key habitat; and (c) not undertake any works that result in ground disturbance within a minimum setback distance of 50 metres from PCT 637 – *Alpine and sub-alpine peatlands, damp herbfields and fens, South Eastern Highlands Bioregion* and Australian Alps Bioregion and 30 metres from known locations of *Prasophyllum bagoense, Prasophyllum keltonni* and *Pterostylis oreophila* as mapped in the BDAR.	Biodiversity Management Plan in accordance with MCoA B30
Heritage		
B32	The Proponent must: (a) ensure the development does not cause any harm to any Aboriginal heritage objects/sites or historic heritage items located outside the approved construction area (see Table 3-1 and Table 3-3 of Appendix 3); (b) manage the sites identified in Table 3-2 of Appendix 3 in accordance with the specified mitigation and management measures and in accordance with the requirements of the Heritage Management Plan, as outlined in condition B33, including any subsequent revision of this plan; (c) implement all reasonable and feasible measures to avoid and minimise harm to historic heritage items within the approved construction area (identified in Table 3-4 of Appendix 3); and (d) salvage and relocate items that would be impacted to a suitable location, in accordance with the Heritage Management Plan described in condition B33.	Heritage Management Plan

MCoA No.	Condition Requirements	Document Reference
B31	Prior to carrying out any development within the unsurveyed areas of the development area identified in the EIS, untested areas of moderate and high sensitivity, or any potential archaeological deposits (PADs) identified for impact during detailed design, the Proponent must provide an Addendum Aboriginal Cultural Heritage Assessment Report (Addendum ACHAR), prepared in consultation with the Aboriginal stakeholders and Heritage NSW, to the satisfaction of the Planning Secretary. The report must: (a) include details of consultation with the Aboriginal stakeholders; (b) describe the additional Aboriginal heritage surveys that were undertaken, including test excavations of PADs; (c) describe any potential additional impacts to heritage items; (d) identify further mitigation measures, including avoidance or salvage; (e) include detailed justification where the final transmission line alignment is not able to avoid impacts to heritage items; and (f) provide an updated and consolidated list of sites that would be protected and remain in-situ throughout construction and sites that would be salvaged and relocated to suitable alternative locations.	Heritage Management Plan
Traffic and Transport		
B37	Unless the Planning Secretary agrees otherwise, the Proponent must implement the road upgrades and the mitigation measures identified in Appendix 4 in accordance with the relevant standard and timing requirements in Appendix 4, and to the satisfaction of the relevant roads authority. If there is a dispute about the road upgrade works, or the implementation of these works, then either party may refer the matter to the Planning Secretary for resolution.	Traffic and Transport Management Plan or Enabling Works Management Plan in accordance with MCoA B64
Visual		
B44	The Proponent must:	This Plan Section 5.1

MCoA No.	Condition Requirements	Document Reference
	(a) take reasonable steps to minimise the visual impacts of the development; and (b) not mount any advertising signs or logos on site, except where this is required for identification or safety purposes.	
B45	The Proponent must: (a) take all reasonable steps to minimise the off-site lighting impacts of the development; and (b) ensure that any external lighting associated with the development: (i) is installed as low intensity lighting (except where required for safety or emergency purposes); (ii) does not shine above the horizontal; and (iii) complies with *Australian/New Zealand Standard AS/NZS 4282:2019 – Control of Obtrusive Effects of Outdoor Lighting*.	CEMP and Construction Management Plan
Radiocommunications		
B48	If the development results in the disruption to any radio communications services (including point-to-point microwave links) in the area, then the Applicant must make good any disruption to these services as soon as possible following the disruption, but no later than 1 month following the disruption of the service unless the relevant service provider or user or Planning Secretary agrees otherwise.	Construction Management Plan
Hazards		
B49	The Proponent must ensure that the storage, handling, and transport of dangerous goods is undertaken in accordance with the relevant Australian Standards and guidelines, particularly *AS1940 The storage and handling of flammable and combustible liquids* and *AS/NZS 1596:2014 The storage and handling of LP Gas*, the *Dangerous Goods Code*, and the EPA's *Storing and Handling of Liquids: Environmental Protection – Participants Manual*.	CEMP and Safety Management Plan

MCoA No.	Condition Requirements	Document Reference
B51	The Proponent must: (a) minimise the fire risks of the development, including managing vegetation fuel loads on-site; (b) ensure that the development: (i) complies with the relevant asset protection requirements in the RFS's *Planning for Bushfire Protection* 2019 (or equivalent) and Standards for Asset Protection Zones; (ii) is suitably equipped to respond to any fires on site, including provision of a 20,000 litre water supply tank fitted with a 65 mm Storz fitting and a FRNSW compatible suction connection located at each of the construction compounds; (iii) incorporates the recommendations of a fire risk assessment as per TransGrid's design standards; (c) ensure that buildings within the compounds and accommodation camps comply with Australian Standard AS3959-2018 *Construction of buildings in bushfire-prone areas* (or equivalent) and RFS's Planning for Bushfire Protection 2019; (d) ensure any fire trails or asset protection zones associated with the development are whole contained within the approved disturbance area (e) develop procedures to manage potential fires on site, in consultation with RFS, FRNSW, FCNSW and NPWS; (f) assist the RFS, FRNSW, FCNSW, NPWS and emergency services as much as practicable if there is a fire in the vicinity of the site; and (g) notify the relevant local emergency management committee following completion of construction of the development, and prior to commencing operations.	Section 7.3 Bushfire Emergency Management Fire Evacuation Plan
B52	Prior to commencing Enabling Works (unless the relevant requirements of this condition are adequately addressed in the Enabling Works Management Plan of condition B64) and/or construction, the Proponent must develop and implement a comprehensive Emergency Plan and	Emergency Response and Evacuation Management Plan or Enabling Works

MCoA No.	Condition Requirements	Document Reference
	detailed emergency procedures for the development, including an evacuation plan for the accommodation camps, and provide a copy of the plan to the local Fire Control Centre and FRNSW. The Applicant must keep two copies of the plan on-site in a prominent position adjacent to the site entry point(s) to the construction compounds and substations at all times. The plan must: (a) be consistent with the Department's *Hazardous Industry Planning Advisory Paper No. 1, 'Emergency Planning'* and RFS's *Planning for Bushfire Protection 2019* (or equivalent); (b) be consistent with the NSW RFS document: *A Guide to Developing a Bush Fire Emergency Management and Evacuation Plan*; (c) detail access provisions for emergency vehicles and contact details for both a primary and alternative site contact who may be reached 24/7 in the event of an emergency; (d) include procedures for the storage and maintenance of any flammable materials; (e) include fire emergency management planning, including: (i) details of the location, management and maintenance of the Asset Protection Zone and on-site water supply tanks; (ii) a list of works that should not be carried out during a total fire ban; (iii) identify the fire risks and hazards and details measure for the development to prevent fires igniting; (iv) include availability of fire suppression equipment, access and water; (v) details of how RFS would be notified, and procedures that would be implemented in the event that: • there is a fire on-site or in the vicinity of the site; • there are any activities on site that would have the potential to ignite surrounding vegetation; or • there are any proposed activities to be carried out during a bushfire danger period; and (vi) detail specific response measures in the case of flood to ensure site safety; (vii) describe the specific emergency exit routes to be used in the case of flood and	Management Plan in accordance with MCoA B64

MCoA No.	Condition Requirements	Document Reference
	include evidence of access agreements with relevant landowners (e.g. right of carriageway); and (viii) include an *Emergency Services Information Package in accordance with Emergency Services information and tactical fire plan* (FRNSW, 2019) to the satisfaction of FRNSW and RFS; (ix) operational procedures in the event of bushfires to minimise interference with aerial firefighting operations; and (x) include details of how live transmission infrastructure can be safely isolated in an emergency.	
Waste		
B53	Waste generated during construction, operation, upgrading and decommissioning must be dealt with in accordance with the following priorities: (a) waste generation must be avoided and where avoidance is not reasonably practicable, waste generation must be reduced; (b) where avoiding or reducing waste is not possible, waste must be re-used, recycled, or recovered; and (c) where re-using, recycling or recovering waste is not possible, waste must be treated or disposed of.	Waste Management Sub Plan
B54	The importation of waste and the storage, treatment, processing, reprocessing or disposal of such waste must comply with the POEO Act, the *Protection of the Environment Operations (Waste) Regulation 2014*, and orders or exemptions under the regulation.	Waste Management Sub Plan
B55	Waste must only be exported to a site licensed by the EPA for the storage, treatment, processing, reprocessing or disposal of the subject waste, or in accordance with a Resource Recovery Exemption or Order issued under the *Protection of the Environment Operations (Waste) Regulation 2014*, or to any other place that can lawfully accept such waste.	Waste Management Sub Plan

MCoA No.	Condition Requirements	Document Reference
B56	All waste that is removed from site must be classified in accordance with the EPA's *Waste Classification Guidelines*, with appropriate records and disposal dockets retained for audit purposes.	Waste Management Sub Plan
Social		
B61	Prior to commencing construction, or commencing operation of the accommodation camps (whichever is first) excluding Enabling Works, if the relevant requirements of this condition are adequately addressed in the Enabling Works Management Plan of condition B64, the Proponent must prepare a Social Impact Management Plan for the development, to the satisfaction of the Planning Secretary. This plan must: (a) be prepared by suitably qualified and experienced persons/s; (b) be prepared having regard to the EIS commitments for the preparation of the Social Impact Management Plan; (c) be developed in consultation with Councils and relevant affected stakeholders; (d) include a summary of the social baseline and assessment of social impacts and risks, including the social impact ratings; (e) refer to and be consistent with the strategy in condition A22; (f) describe the measures that would be implemented to enhance positive social impacts from the development; (g) describe the measures that would be implemented to manage and mitigate negative (and cumulative) social impacts, including: (i) impacts to near neighbours and the broader community; (ii) impacts to community cohesion, safety, health and wellbeing; (iii) access to social infrastructure and services; (iv) impacts to housing availability and affordability; (v) impacts to tourism; (vi) labour draw and impacts to local businesses and services;	Social Impact Management Plan or Enabling Works Management Plan in accordance with MCoA B64

MCoA No.	Condition Requirements	Document Reference
	(vii) cumulative social impacts associated with other State significant development projects in the area (h) include a program to monitor, evaluate and publicly report on the effectiveness of these measures and any social impacts of the development, including: (i) identifying performance indicators, incorporating trigger action response plan; (i) a yearly independent survey of the attitudes of the community about the development; (ii) procedures for analysing and comparing the results of monitoring and surveys against the baseline, the predicted social impacts and results of previous monitoring and surveys; (iii) recording community engagement and complaints as they relate to social issues; (iv) adaptive management measures implemented or proposed; and (v) preparing a quarterly monitoring report, to be publicly available on the project website; and (j) include details of who would be responsible for monitoring, reviewing and implementing the plan. Following the Planning Secretary's approval, the Proponent must implement the Social Impact Management Plan for the duration of construction. *Note: The Social Impact Management Plan must incorporate all relevant aspects of the development, including Enabling Works consistent with the requirements of condition B67.*	

MCoA No.	Condition Requirements	Document Reference
Rehabilitation		
B62	Unless the Planning Secretary agrees otherwise, within 12 months of commencing operation of the project, the Proponent must decommission and rehabilitate the accommodation camps to the satisfaction of the Planning Secretary. This rehabilitation must comply with the objectives in Table 3. **Table 3:** *Rehabilitation Objectives* **Feature**: **Accommodation camp** **Objective**: • Safe, stable and non-polluting • All infrastructure including above and below ground to be decommissioned and removed to a depth of 500 mm, unless the Planning Secretary agrees otherwise • Restoring land capability to pre-existing productive capacity • Ensure public safety at all times	Project disestablishment and remediation plan Section 6.15

3.5. Updated Environmental Management Measures

EMMs are listed in Table 3-2 below. A cross reference is also included to indicate where and how the conditions are addressed in this Plan or other HLW management documents.

Table 3-2Updated EMMs relevant to the ACMP

EMM No.	Condition Requirements	Document Reference
Noise and Vibration		
NV1	Where receivers are predicted to be noise affected and near construction compounds or fixed work sites with long durations (i.e. several months), path control, such as hoarding or earth bunds will be investigated. Practical measures will be implemented where required. Positioning of site structures will also be considered to act as barriers between noisy work and	Section 6.9 NVMP

EMM No.	Condition Requirements	Document Reference
	receivers where practical.	
NV2	The out-of-hours work protocol will not apply to the operation of the worker accommodation facilities.	Noise and Vibration Management Plan – Out of Hours Works Protocol
NV6	All construction vehicle movements will adhere to the following measures: • out-of-hours vehicle movements will be minimised where possible • construction delivery vehicles will be fitted with straps rather than chains for unloading, wherever possible • use of engine compression brakes will be avoided at night and in residential areas • site access points and roads/flight paths will be located as far as possible away from sensitive receivers • traffic flow, parking and loading/unloading areas will be planned to minimise reversing movements • construction inductions will include driver behaviour requirements to minimise vehicle noise emissions.	Section 6.10
NV10	Management measures will be implemented to minimise aircraft noise at sensitive receivers where practicable and appropriate. Measures will include (but are not limited to): • Carrying out consultation to notify nearby sensitive receivers of upcoming work involving aircraft. This will include scheduled use of helipads within construction compounds and combined worker accommodation facilities and construction compounds, flight paths outside of the project footprint and stringing or other work within the transmission line corridor. Notification will include scheduled dates, locations, indicative hours and a description of the proposed work.	HLW do not currently intend to establish any helipads at the accommodation facilities. Should this change, the ACMP will be updated as required. NVMP

EMM No.	Condition Requirements	Document Reference
	• Prioritising use of potential helipad locations at the construction compounds and combined worker accommodation facilities and construction compounds with the maximum distance offset from sensitive receivers. • Varying flight paths between helipads and the transmission line corridor to avoid repeated helicopter noise at sensitive receivers. • Operating aircraft in accordance with Airservices Australia (ASA) Environmental Principles and Procedures for Minimising the Impact of Aircraft Noise (2002) and the Helicopter Association International (HAI) Fly Neighbourly Guide.	
Visual Impacts		
LV3	Lighting at construction compounds and worker accommodation facilities will be designed and operated in accordance with *AS 4282 2019 Control of the obtrusive effects of outdoor lighting.*	Table 7-3: (MM2)
Greenhouse Gases		
CC2	Options that will be considered during Infrastructure Sustainability Council (ISC) rating design review include energy efficient and passive design features for substation and worker accommodation facility buildings including air conditioning, lighting, low-flow fittings and solar power.	HLW Infrastructure Sustainability Council Sustainability Plan
CC3	Options to minimise transport distances between construction compounds, accommodation facilities and work sites will be considered, for example utilising vehicle pooling / minibuses and sourcing equipment and materials locally where practicable.	HLW Infrastructure Sustainability Council Sustainability Plan
CC4	GHG emissions and associated activity data will be tracked and recorded to assist in identifying key emission sources and appropriate targeting of mitigation measures, as well as to provide learnings for other projects and demonstration of Infrastructure Sustainability (IS) Rating compliance.	HLW Infrastructure Sustainability Council Sustainability Plan
Social Impacts		

EMM No.	Condition Requirements	Document Reference
SO2	Information will be provided to the construction workers that includes: • information on community services and recreation facilities, events and tourism activities • details on how to access health services including dedicated telehealth services organised by Transgrid • a company contact if help is needed • Code of Conduct to minimise the incidence of risk drinking and drug behaviours.	Section 6.5 Section 8.2
SO4	Any opportunities for appropriate long-term use for the worker accommodation facilities (or component parts thereof) will be identified in consultation with councils and the relevant landowner/s.	Stakeholder and Engagement Strategy
SO5	Each worker accommodation facility will include appropriate food and catering facilities, fitness and recreational facilities, parking spaces and first aid facilities.	Section 1.3
Air Quality		
AQ1	The following measures will be considered and implemented where practicable and appropriate to manage dust: ▪ use water sprays or surfactants as required for dust suppression ▪ provide adequate water supply on site for dust suppression ▪ locate dust generating activities away from receptors ▪ protect stockpiled materials from wind erosion to minimise dust generation and position stockpiles as far as practicable away from any nearby receptors ▪ implement measures to minimise the tracking of dust generating material onto paved roads The effectiveness of the installed controls will be monitored, and additional controls implemented as required to address any performance issues identified.	Air quality management sub-plan
AQ6	To minimise the impact of emissions from the use of diesel generators on sensitive receptors, the following measures (as a minimum) will be considered and implemented where practicable and	Table 5-1

EMM No.	Condition Requirements	Document Reference
	appropriate: • Locate the equipment so it is away from the prevailing wind direction and maximise the distance to the nearest sensitive receiver • Connect to existing electricity network rather than using diesel generators where possible. • If connection to existing electricity network is not possible, where practical and appropriate implement the following recommended separation distances: ◦ Greater than 10 MW in aggregate: 1,000 metres from sensitive receptor locations ◦ Greater than or equal to 100 kW but less than 10 MW in aggregate: 500 metres from sensitive receptor locations Where recommended separation distances cannot be achieved, alternative controls to minimise potential impacts will be investigated and implemented.	
AQ7	To minimise the impact of air emissions from the use of helipads on sensitive receptors, the following measures (as a minimum) will be considered and implemented where practicable and appropriate: • Locate helipad as far as practical from sensitive receptors • Minimise dust generation at take-off and landing sites and sites being used for transmission line structure assembly (particularly those used frequently) by the implementation of dust control measures including: ◦ provision of water carts to apply water or other dust suppressants as and when required on work areas close to potential sensitive receptors ◦ visual monitoring of dust generation ◦ community liaison and mechanisms for registering and resolving complaints.	HLW do not currently intend to establish any helipads at the accommodation facilities. Should this change, the ACMP will be updated as required. AQMP
Waste		

EMM No.	Condition Requirements	Document Reference
W1	The resource management hierarchy principles established under the Waste Avoidance and Resource Recovery Act 2007 (WARR) Act of avoid, reduce, reuse, or recycle with disposal as the last resort will be applied to further development, construction and operation of the project	WMP Section 6.13
W2	Stockpiled wastes, where required, will be: • appropriately segregated to avoid mixing and contamination • appropriately signposted • appropriately stored in accordance with *Managing Urban Stormwater – Soils and Construction* (Landcom, 2004) • less than three metres in height with an appropriate height to length batter ratio • located as far away as reasonably practicable from sensitive receivers, ecological areas and waterways.	SWMP Section 7.6

4. Consultation

4.1. Consultation for plan preparation

This plan has been prepared in consultation with Wagga Wagga City Council, Snowy Valleys Council and Transport for NSW in accordance with MCoA B59. A summary of the consultation undertaken for the development of this ACMP, and a consultation summary on subsequent revisions of the plan (excluding minor updates) is provided in Annexure C.

Consultation under MCoA B51(e) with RFS, FRNSW, FCNSW, NPWS and emergency services has been addressed in the Bushfire Emergency Management and Evacuation Plan (BFEMEP).

Landowner consultation and engagement has been undertaken with the relevant property owners at each site as part of HLW landowner engagement prior to establishment.

4.2. Ongoing consultation

Ongoing consultation with relevant councils and other stakeholders will continue to be undertaken, throughout the construction of HLW, regarding the construction traffic impact on the local community and the effectiveness of mitigation strategies. Updates will be provided through regular meetings (at a frequency agreed with key stakeholders) to communicate upcoming changes and impacts in advance of the changes taking place.

A Community Communication Strategy (CCS) has been developed for HLW in accordance with MCoA A24 to provide mechanisms to facilitate communication between Transgrid, the HLW Team, the ER, the relevant councils and the local community on the construction-related and environmental matters. The CCS also addresses the key issues that are likely to affect community such as traffic; property access; noise and vibration; out-of-hours works; new or changed activities; and landscaping.

Key stakeholders related to the operation of accommodation facilities are:

- Landholders associated with the accommodation facilities.
- Neighbours.
- Fire and emergency services.
- Utilities providers and road network authorities.
- Councils (Wagga Wagga City Council and Snowy Valleys Council).

Ongoing consultation with neighbours and local communities will be undertaken in accordance with the HLW CCS. Each accommodation facility will have a dedicated community liaison manager responsible for

- Co-ordinating the flow of information to neighbouring properties.
- Dealing with complaints and enquiries.
- Acting as a company contact for staff when in the community.
- Providing updates and notifications to the community.

4.3. Complaints management

A Complaints and Enquiries Procedure, consistent with AS 4269: Complaints Handling, has been developed for HLW and is detailed in the Community Communications Strategy as per MCoA A25.

All community inquiries and complaints related to the construction activities will be referred to the 24-hour community information line (1800 317 367). A postal address (HumeLink Community Engagement Team, PO BOX A1000, Sydney South NSW 1235) and email address (community@humelinkwest.com.au) has been provided for receipt of complaints and enquiries. The

telephone number, the postal address and the email address was published in newspapers circulating in the local area prior to the commencement of construction and is provided on the HumeLink website.

Records of all complaints received will include the following details:

- Date and time of the complaint.
- Method by which the complaint was made.
- Any personal details of the complainant.
- The nature of the complaint.
- Action taken in relation to the complaint and any follow up.
- If no action taken, reasons why.

The Construction Environmental Manager will apply an adaptive approach to ensure that corrective actions are applied in consultation with the appropriate construction staff to allow modifications and improvements in the management of any environmental issues resulting in community complaints.

5. Existing environment / Accommodation Facilities

Two temporary worker accommodation facilities have been prepared to support the construction phase of the project. These facilities have been constructed in accordance with the Enabling Works Management Plan and the Planning Approvals Documentation. The site selection criteria are set out in Chapter 3 of the EIS and AR.

The accommodation facilities are located at:

- 28 Mates Gully Road, Tarcutta.
- 145 Greenhills Access Road, Kunama.

5.1. Existing environment accommodation

Temporary Accommodation Facilities are located in Tarcutta and Kunama to allow for the efficient delivery of the HLW. The location of these sites was chosen based on the environmental values of the site, appropriate land area, location in proximity to the HLW Project, proximity and appropriate distances from neighbouring residences. The accommodation facilities are described below.

Table 5-1 Accommodation facility description

Site Description	Component	Tarcutta	Kunama
Surrounding environment	Surrounding land use	Rural Primary Production	Rural Primary Production
	Topography	Generally surrounded by flat land with a fall from south to north.	Surrounded by forestry, orchard and residential land uses with a north to south slope
	Watercourses	Watercourse, approximately 3m wide, located 90m north of the site draining from west to east into farm dam.	Overland flow path runs west of the site, passing through a farm dam from north to south.
	Vegetation	Roadside trees along the southern boundary. Scattered paddock trees in surrounding area.	Scattered vegetation within site, Tableland Basalt Forest
	Neighbours	Nearest sensitive receiver to the Tarcutta accommodation facility is a residential receiver building located 235 m south-east	The nearest sensitive receiver to the Kunama accommodation facility is a residential receiver building is located around 850 m south-west.
Site layout (Accommodation camp facility)	Size	8.1 Hectares	9.4 Hectares
	Boundary lengths	North 600m South 350m East 200m West 320m	North 190m South 445m East 420m West 440m
	Slope and fall	Gentle	Medium.
	Relative Levels	See figures in Annexure B for relative levels and cross section	See figures in Annexure B for relative levels and cross section
	Benching	Three benches from west to east	Three benches from north to south

Site Description	Component	Tarcutta	Kunama
Site layout (cont.)	Lighting	Internal lighting under walkways, common areas and between buildings Flood lights at entrances and on buildings External lighting to minimise safety and security risks to the WAF and to comply *with AS/NZS 4282:2019 – Control of Obtrusive Effects of Outdoor Lighting*	Internal lighting under walkways, common areas and between buildings Flood lights at entrances and on buildings External lighting to minimise safety and security risks to the WAF and to comply *with AS/NZS 4282:2019 – Control of Obtrusive Effects of Outdoor Lighting*
	Surfacing	Parking and work areas composed of compacted fill and aggregate.	Parking and work areas composed of compacted fill and aggregate.
	Buildings on site	demountable accommodation units with ensuites (15 by 3.4 by 3.2 meters tall) covered walkways. Site offices – for 100 management staff Mess Crib room Gym and recreational rooms External covered common area Laundry Wastewater treatment Fuel and chemical storage Workshop and stores	demountable accommodation units with ensuites (15 by 3.4 by 3.2 meters) covered walkways. Site offices – for 60 management staff Mess Crib room Gym and recreational rooms External covered common area Laundry Wastewater treatment Fuel and chemical storage Workshop and stores
	Security	Flood lights at gates, Mounted security cameras on fence line at entrances and internally on common areas	Flood lights at gates, Mounted security cameras on fence line at entrances and internally on common areas
	Fencing	Hurricane and noise attenuation	Hurricane and noise attenuation

Site Description	Component	Tarcutta	Kunama
	Signage and hoardings	Signage warning of heavy vehicles turning Site identification Hazards HLW information and contact information Site plan	Signage warning of heavy vehicles turning Site identification Hazards HLW information and contact information Site plan
	Safety systems (alarms)	Site safety systems audible and visual alarms will, were practicable and within the scope of ensuring safety to personnel within the WAF, be minimised.	Site safety systems audible and visual alarms will, were practicable and within the scope of ensuring safety to personnel within the WAF, be minimised.
	Accommodation capacity	443 beds	419 beds
Transport	Access	Mates Gully Road Heavy Vehicle and bus entrance Light vehicle and camp service vehicles	Greenhills Access Road Emergency exit onto Lower Bago Road
	Road network	Mates Gully Road will provide only eastern access towards Tarcutta and the Hume Highway (M31).	Greenhills Access Road provides a direct north south connection to Greenhills forestry area and east west connectivity via Lower Bago Road.
	Parking	60 Heavy vehicles 200 Light Vehicles and visitor	60 Heavy vehicles 200 Light Vehicles and visitor
	Internal circulation	Heavy vehicles will be restricted delineated areas with safe pedestrian routes marked on site.	Heavy vehicles will be restricted to delineated areas with safe pedestrian routes marked on site.

Site Description	Component	Tarcutta	Kunama
	Logistics	Deliveries and waste removal occur via the light vehicle access and occur the day (office hours). Where practical supplies will be sourced from local suppliers	Deliveries and waste removal occur via the light vehicle access and occur during the day (office hours) to a. Where practical supplies will be sourced from local suppliers
Onsite Water	Groundwater	Not encountered in borehole testing (4m depth)	Not encountered in borehole testing (6m depth)
	Surface water	There is no surface water within the site	There is no surface water within the site
	Stormwater	Stormwater will be collected and treated via retention dam located in the north east corner. Collected water will be treated and used for internal dust suppression	Stormwater will be collected and treated via retention pond located below the HV parking area. Collected water will be treated and used for internal dust suppression
	Flooding	The site is located outside of known flood areas.	The site is located outside of known flood areas.
Utilities	Potable water	Supplied via Riverina water	Supplied via Snowy Valleys Council
	Power	Supplied via Essential Energy	Supplied via Essential Energy
	Communications	Internet will be provided via a purpose built microwave tower with satellite back up	Internet will be provided via a purpose built microwave tower with satellite back up
	Gas	Will be used for cooking via regular bottle delivery	Will be used for cooking via regular bottle delivery
	Wastewater	Wastewater is treated onsite, sludge will be disposed of via Council Sewage treatment plants	Wastewater is treated onsite, sludge will be disposed of via Council sewage treatment plants
	Waste and Recycling	Separable waste storage and collection is located onsite Waste is managed in accordance with waste management plan.	Separable waste storage and collection is located onsite Waste is managed in accordance with waste management plan.

Site Description	Component	Tarcutta	Kunama
Vegetation	Screening	Road screening retained on the south and east boundaries	Road screening retained on the east boundary
	Asset Protection Zone	Asset protection zone of a minimum of 20m will be kept clear of vegetation in accordance with the BFEMEP	Asset protection zone of a minimum of 20m will be kept clear of vegetation in accordance with the BFEMEP
	Weeds	Weed control will be undertaken by weed control contractors in accordance with the Transgrid Schedule of Approved Pesticides.	Weed control will be undertaken by weed control contractors in accordance with the Transgrid Schedule of Approved Pesticides.
	Landscaping	TBD	TBD
Ancillary activities	Stockpiles	Soil (for rehabilitation) and materials will be stockpiled within the property boundary. Bunded and covered, or wet down regularly	Soil (for rehabilitation) and materials will be stockpiled within the property boundary Bunded and covered, or wet down regularly
	Stores	Contained within 20 and 40 ft shipping containers	Contained within 20 and 40 ft shipping containers.
Health and wellbeing	Recreation	A rec room with table tennis and pool tables External multipurpose sports courts	A rec room with table tennis and pool tables. External multipurpose sports courts.
	Mental health	Employee Assistance Program (Gryphon Psychology, Mates in Construction) providing access to mental health services over the phone, including qualified psychologists, available to all workers Quarterly mental health and wellbeing training sessions to be hosted by Mates in Construction on site.	
	Medical Services	3 x paramedics available on site to service camps 24/7 access to GPs via telehealth services engaged by HLWJV First aid facilities available at each camp	

Site Description	Component	Tarcutta	Kunama
Hazards and risks	Fuels	Fuel for generators, plant and machinery will be stored in zone self-bunded 68,000lt tanks,	Fuel for generators, plant and machinery will be stored self-bunded 68,000lt tanks.
	Chemicals	Chemicals such as cleaning products, solvents and lubricants will be stored in a Hazardous substances standard container.	Chemicals such as cleaning products, solvents and lubricants will be stored in a Hazardous substances standard container.
	Spill response	Emergency response stations with appropriate spill kits, firefighting equipment and first aid will be located onsite and clearly sign posted	Emergency response stations with appropriate spill kits, firefighting equipment and first aid will be located onsite and clearly sign posted

The layout and location of facilities, access, parking and associated buildings are set out in Annexure B. Occupancy rules are contained in Annexure D.

6. Environmental aspects and impacts

The following sections summarise the potential impacts pertaining to accommodation facilities for the purpose of construction of the Project. The key reference document is Chapter 4 Project Description - construction of the EIS.

6.1. Biodiversity

There are no known threatened ecological communities or threatened flora species impacted by the operation of the accommodation facilities. Potential impacts to threatened fauna will be managed through the unexpected finds procedure as set out in the Biodiversity Management Plan.

Potential biodiversity impacts of operating accommodation facilities include:

- Ongoing vegetation trimming to maintain asset protection zones, access sightlines and weed control.
- Fauna strike from night-time driving.

6.2. Heritage

The operation of the accommodation facilities would not impact on any recorded Aboriginal or non-Aboriginal features or items.

6.3. Land use and property

The operation of the of the accommodation facilities will temporarily change the land use of the property they are located on. Once the accommodation facilities are no longer required for the delivery of HLW the sites will be returned to their former state or in a condition as agreed with the landowner.

6.4. Visual amenity

Operation of the accommodation facilities would have temporary impacts on the visual amenity of the local area. Potential impacts include:

- Overhead lighting, to be aimed into site and minimise light spill.
- Plant and equipment visibility.
- Fencing and screening.
- Dust generation.
- Noise.

6.5. Social and economic

Accommodation facilities provide the opportunity for local economic benefits through workforce participation in the local economy through increased demand for goods and services from the workforce, and the supply of provisions and services for running the accommodation facilities.

Details associated with the approach to managing the local social and economic impacts and management and how HLW will engage with the local economy to facilitate opportunities for utilising local suppliers for appropriate goods and services are addressed in the HLW Social Impact Management Plan.

6.6. Hydrology, flooding and water quality

The Kunama accommodation facility is located on high ground, the site does not have a considerable catchment upstream for flooding. The accommodation buildings and associated infrastructure placed within the Kunama accommodation camp site are therefore unlikely to impact or alter the existing flood storage capacity, flow or characteristics beyond the accommodation camp boundary.

The Tarcutta accommodation facility site is affected by shallow overland flooding that is conveyed north towards a small tributary of Tarcutta Creek. Pre-development scenario peak flood depths of up to 250mm are present across the site in the 2% AEP design event. The site is not affected by regional flooding of Tarcutta Creek.

In accordance with UMM HF3, where possible, overland flow paths up to the 2% AEP for combined worker accommodation facilities and construction compounds are to remain unobstructed from bulk filling, site infrastructure and/or stockpiling.

Where bulk filling of flood prone land is required, a flood impact assessment will be undertaken to demonstrate the impact of the works with consideration of mitigation measures to minimise any downstream impacts.

The modification of the landform to construct the accommodation facilities will have a minor impact on the behaviour of surface water flow over the site. Erosion and sediment control measures will be implemented to management and minimise the water quality impacts.

Groundwater extraction for potable water uses will not have any negative impact on groundwater quality or availability as any use will be supplied from existing groundwater sources, using existing infrastructure/license.

6.7. Air quality

The operation of the accommodation facilities and associated activities will generate dust and exhaust emissions from vehicle movements and the generation of power from gensets.

There are two potential electricity generation processes/options that could be implemented in the Workers Accommodation.

Tarcutta Worker Accommodation:

- Power to be supplied from an existing substation located approximately 300m away of the South-East side of the proposed site.
- Diesel or Hybrid power generation to be sized and provided by the Worker Accommodation Facility supplier.

Kunama Worker Accommodation:

- Power to be supplied from the existing overhead lines (OHLs) coming either from the South or West sides of the proposed site.
- Diesel or Hybrid power generation to be sized and provided by the Worker Accommodation Facility supplier.

Potential effects on air quality are:

- Dust emissions from vehicle movement.
- Dust emissions from stockpiles.
- Exhaust emissions from onsite plant and machinery.
- Exhaust emissions from vehicles.
- Fugitive volatile organic compounds (VOCs) from storage and handling of chemicals and fuels.

6.8. Odours

Odours from chemicals, waste and wastewater treatment plant operation will be managed so that there are no noxious or nuisance odours beyond the boundary of the site considering measures such as:

- Design and construct treatment plant structures in a way that minimizes the release of odours.
- Implement efficient waste handling and disposal practices to prevent the accumulation of odorous materials.
- Select and use chemicals in the treatment process that have lower odour profiles.
- Conduct routine maintenance and inspections of the treatment plant equipment to identify and address any potential sources of odours promptly.
- Implement an odour monitoring program to detect and measure any odour emissions. This proactive approach allows for the early identification of issues and prompt intervention.
- Keep residents informed about the odour management strategies in place and encourage them to report any concerns promptly.
- Develop and communicate an emergency response plan in case of unexpected odour-related incidents.
- Train staff involved in plant operations on best practices for odour control. This includes proper handling of chemicals, waste, and equipment to minimize odour emissions.
- Explore and adopt emerging technologies or innovations in odour control to enhance the efficiency of existing systems.
- Conduct periodic third-party audits or assessments to evaluate the effectiveness of odour control measures and identify areas for improvement.

6.9. Noise and Vibration

The Tarcutta Accommodation facility is located approximately 235m from the nearest residential receiver building. The operation of the accommodation facility has been assessed in accordance with EPA and DPHI guidelines and a Construction Noise and Vibration Impact Statement (CNVIS) has been undertaken to demonstrate compliance. The CNVIS for the Tarcutta Accommodation Facility is included within the HLW Noise and Vibration Management Plan.

The Kunama Accommodation facility is located approximately 850m from the nearest residential receiver building. The operation of the accommodation facility has been assessed in accordance with EPA and DPHI guidelines and a CNVIS has been undertaken to demonstrate compliance. The CNVIS for the Kunama Accommodation Facility is included within the HLW Noise and Vibration Management Plan.

Noise generating activities on site include:

- Vehicle movements from transportation to and from site, deliveries and waste disposal, including grease traps and wastewater treatment.
- Operation of onsite plant and machinery, including workshop equipment batch plant operation, generators and recreational activities.

The layout of the facilities is such that the noisiest activities will be located as far as practicable from the nearest receivers. Based on the distance from the source generation to the receiver it is not expected that there will be any adverse impacts from activities undertaken during the standard construction hours. Operations related to accommodation activities will occur 24 hours seven days a week and are excluded from the Out of Hours Work Protocol approved by DPHI.

6.10. Traffic and access

Tarcutta accommodation facility will be accessed from Mates Gully Road via a channelised right

entrance and channelised left only access point. this access point will provide access for light and heavy vehicles including deliveries and waste removal. Parking and laydown areas have been separated from the accommodation facility to reduce vehicle potential pedestrian conflict. The traffic and transport assessment has determined that there will be minor impacts on Mates Gully Road during the morning start of shift and end of day, but no discernible impact on overall local traffic flows from the operation of the Tarcutta accommodation facilities.

The main access to the Kunama accommodation facility will be from Greenhills Access Road with emergency access (in the event of bushfire) will be available from Lower Bago Road. The traffic and transport assessment has determined that with the 310Vpd typical construction activities (see Table 61) movements that there will be minor impacts on Greenhills Access Road during the morning start of shift and end of day, but no discernible impact on overall local traffic flows from the operation of the Kunama.

Table 6-1: Indicative vehicle movements accommodation sites

Construction compound/ worker accommodation facility	Daily movement (vehicles per day in both direction of travel)				Peak hour movement[1,2] (vehicles per day in both direction of travel)			
	Typical construction		Construction peak		Typical construction		Construction peak	
	Light vehicles	Heavy vehicles	Light vehicles	Heavy vehicles	Light vehicles	Heavy vehicles	Light vehicles	Heavy vehicles
Tarcutta accommodation facility and compound (AC03)	140	225	200	440	20	20	30	30
Kunama accommodation facility and compound (AC07)	130	180	190	535	20	15	30	40

1. Network peak is defined as:
   - AM Peak: 6am – 10am
   - PM Peak: 3pm – 7pm
2. The majority of LV movements will be associated with workforce movements to and from the camp will occur between the hours of 6am to 7am and 6pm to 7pm. HV movements to and from the accommodation facilities would only occur during standard hours (7am to 6pm) unless the delivery or dispatch of material is required outside of standard hours in accordance with MCoA B2(a).

Workers will be transported to and from the accommodation facilities to construction sites via bus and light vehicles, with peaks expected to occur at the start and end of shifts at 6 am and 7 p.m. Light vehicle numbers provided in the table above include buses.

During construction vehicles required to come service the accommodation facilities will arrive outside of the scheduled morning and evening shift movements (6am to 7am and 6pm to 7pm respectively). These vehicles comprise a mix of light and heavy vehicles (generally light vehicles, 12m vehicles with one daily 19m semi-trailer for water delivery) including administration and supervisor staff and logistic supplies such as water, food waste removal, see Table 6-1.

More detail associated with the management of traffic and transport, including any mitigation measures and how mitigation measures will be implemented, are detailed within the HLW Traffic and Transport Management Plan, including Traffic Management Measures, Buses and Carpooling, Driver Code of Conduct, (Section 8), Compliance Management (Section 9) and Vehicle Movement Plans (light and heavy vehicles) (Annexure E).

6.11. Hazards and risk

Hazards and risks to accommodated workers, the surrounding community and environment associated with the operation of accommodation facilities include:

- Transport to and storage of fuels and hazardous chemicals.
- Bushfire.
- Spills and discharges, including from Wastewater Treatment Plants (WWTPs).

Bushfire risk management is outlined in the Bushfire Emergency Management and Evacuation Plan (BFEMEP). Chemical transportation and storage are managed by project wide management systems set out in the CEMP. Emergency plans specific to each site will be included in the camp operation and management plans detailing the location of response equipment, including spill kits, firefighting and first aid equipment, local procedures and evacuation routes. All staff staying at the accommodation facilities will be briefed on these procedures.

6.12. Soils and contamination

Topsoil will be stored in a designated area covered by a A24 bidim®. This will ensure that material does not enter drainage lines or water courses. This storage shall be arranged to minimise damage to natural vegetation.

Surface preparation of the different areas of the Workers Accommodation Facilities would include (Annexure B):

- Sealed access point 300mm gravel.
- Sealed internal road 150mm gravel.
- Unsealed parking 150mm gravel.
- Unsealed external track.
- Hardstand 300mm gravel.
- Hardstand 150mm gravel.
- Topsoil stockpile area.

Impacts on soil and groundwater are expected to be minor with temporary changes to groundwater ingress from compacted surfaces and the introduction of buildings. Potential impacts from contamination come from:

- Potential spills and leaks from stored materials plant and equipment.
- Potential spills and leaks from the operation of wastewater treatment plants.

6.13. Waste management

Various forms of solid and liquid waste will be generated from the operation of the accommodation facilities, including domestic waste, wastewater and waste oils grease and lubricants. Waste streams generated from accommodation facilities include:

- Domestic waste including:
    - Food scraps and putrescible materials.
    - Recyclable materials, paper, glass, aluminium cans.
    - Wastewater.
- Waste oils, lubricants and associated containers.

Where waste cannot be avoided, reused or recycled it will be classified and appropriately disposed of. The classification of waste will be undertaken in accordance with the NSW *Waste Classification*

Guidelines Part 1: Classifying Waste (EPA, 2014) and Roads and Maritime Services (RMS) Waste Fact Sheets.

6.14. Cumulative impacts

Liaison and coordination measures will be put in place with the proponents of other major construction projects within 500 metres of the HumeLink, to minimise and manage potential cumulative construction dust impacts.

6.15. Disestablishment and site rehabilitation

At the completion of the project accommodation facilities will be decommissioned by the accommodation management contractor in accordance with the Project disestablishment and remediation plan. Subject to landowner agreements, all buildings, plant and equipment will be removed and the site returned to its original condition, any spills or other damage resulting from the use of the sites will be remediated.

7. Environmental control measures

To minimise potential environmental impacts, a range of environmental management measures will be applied and are provided in Appendix 1.

The following sections describe the environmental management of key environmental aspects mentioned in MCoA D59 of the Infrastructure Approval CSSI 36656827.

7.1. Flooding

The Kunama accommodation facility is located on high ground, the site does not have a considerable catchment upstream for flooding. The accommodation buildings and associated infrastructure placed within the Kunama accommodation camp site are therefore unlikely to impact or alter the existing flood storage capacity, flow or characteristics beyond the accommodation camp boundary.

A flood impact assessment has been undertaken as part of detailed design at Tarcutta with consideration of mitigation measures to minimise any downstream impacts. Post- development flood assessment indicates that sensitive and vulnerable infrastructure (e.g. electrical equipment, buildings, machinery, stockpiles, pedestrianised areas etc) remain outside of flood prone areas up to the 2% AEP.

As part of the flood assessment undertaken at Tarcutta, minimum basin sizing allowing for external 'clean' run-off to enter the basin and maintain pre-development flood depth have been determined for the catchments depicted in the figure below.

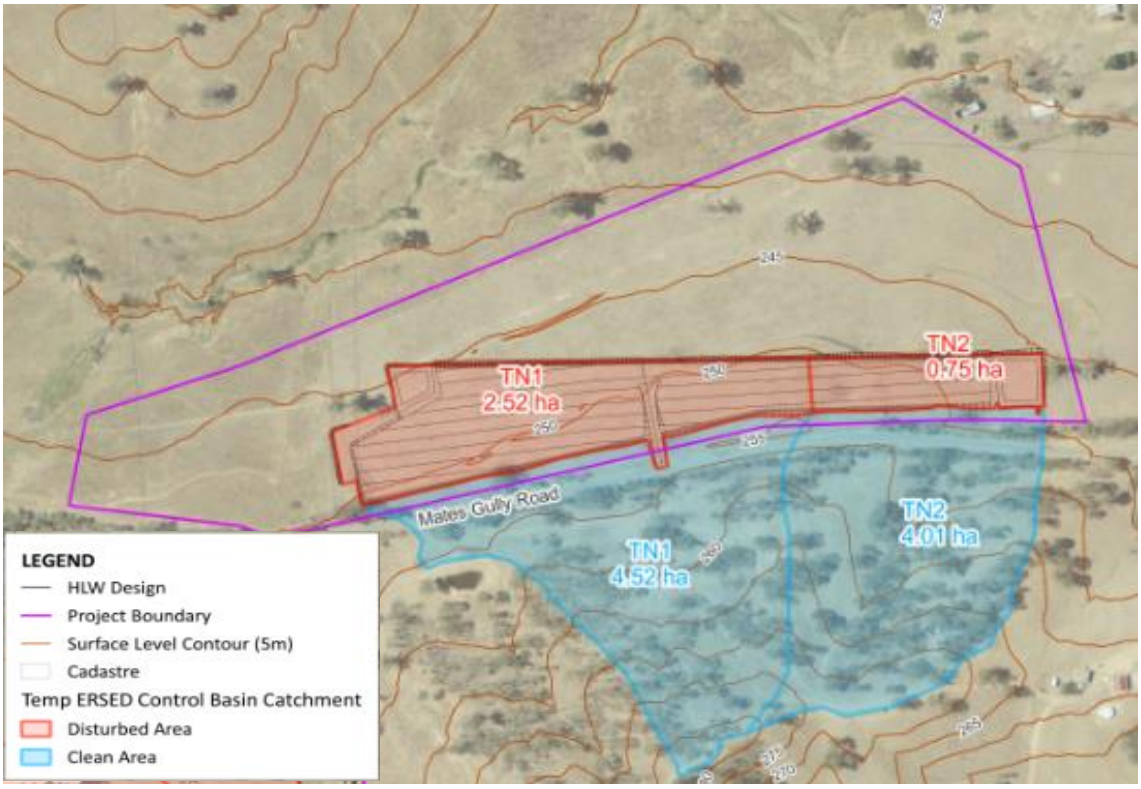


Figure 7-1: Basin catchments

Minimum basin sizing volumes as detailed below will be maintained throughout the operation of the Tarcutta accommodation facility as follows:

- Catchment TN1: 1152m3

- Catchment TN2: 710m3

Accommodation buildings and associated infrastructure placed within the Tarcutta accommodation camp area are unlikely to impact or alter the existing flood storage capacity, flow or characteristics beyond the accommodation camp boundary.

7.2. Water Quality

Stormwater runoff is directed to onsite drainage at the boundary of the site and directed towards an appropriately sized sediment basin at the low point of the site. Sediment basins will be designed in accordance with the design parameters for the site size as set out in *Managing urban stormwater soils and construction* (Landcom 2004) the Blue Book. The sediment basin at each site will minimise the accommodation facilities potential impacts on water quality. Refer to Annexure B of the Soil and Water Management Sub-Plan for the Erosion and Sediment Control Plan (ESCP) for the WAF sites.

Areas of high risk to water quality such as fuelling areas, chemical storage and maintenance facilities has been separated from general stormwater runoff areas via bunding, cut off drainage, oil separators and covering of work areas. this will prevent the potential contamination of surface water from hydro chemicals.

Stormwater captured in the basins is to be reused for dust suppression at the accommodation sites. Dewatering will be undertaken in accordance with the CEMP.

7.3. Bushfire safety

The design of accommodation facilities has been undertaken in accordance with Transgrid design standards and the management of bushfire risks has been undertaken in compliance with the asset protection requirements set out in the RFS's Planning for Bushfire Protection 2019 as verified by an independent bushfire specialist (Bushfire Consulting Services Pty Ltd). Buildings within the Tarcutta and Kunama accommodation facilities will be designed and constructed to account for the following:

- Comply with the relevant bushfire attack level (BAL) of 12.5 building requirements in the RFS's *Planning for Bushfire Protection 2019*.
- Comply with Section 3 and Section 5 of *AS 3959–2018–Construction of Buildings in Bushfire Prone Areas* with a BAL12.5 rating.

The asset protection zone (APZ) will be maintained in accordance with the BFEMEP to keep the potential fuel load around each site to minimise the bushfire hazard. The APZ will be maintained until the completion of works and demobilisation of the site.

The Tarcutta accommodation facility is located vegetation Category 3 and has been designed to meet the *RFS's Planning for Bushfire Protection 2019* and Standards for Asset Protection Zones with a minimum 20m APZ and the implementation of the Bush Fire Protection Measures as detailed in Table 7.9a of the *RFS's Planning for Bushfire Protection 2019* will be implemented to manage and maintain the APZ and to minimise the risk associated with bushfire.

The Kunama accommodation facility is surrounded by bush hazard vegetation Category 1, but predominantly sits in an area than is not classified as BFPL, with part of the site siting in Category 0 buffer vegetation. The APZ has been designed and will be maintained to reduce the bushfire load around and inside the accommodation site with vegetation kept below a height of 100 mm and cleared of all dead vegetated material.

Internal onsite vegetation will be retained where possible to add to the amenity of the facility and to minimise clearing. Vegetation will be maintained to a maximum height of 100 mm. Fuel load around access roads will be minimised to the greatest extent possible.

Flammable chemicals will be appropriately stored on site in accordance with the manufacturer's specifications, safety data sheets and the BFEMEP to minimise the potential fire risk. In summary

fuels and hazardous substances will be managed by:

- Where applicable, reticulated or bottled gas will be installed and maintained in accordance with AS/NZS 1596:2014. All fixed gas cylinders will be kept clear of all flammable materials to a distance of 10m and shielded on the hazard side.
- The chemicals will be stored in a secure area to limit unauthorised access.
- All chemicals will be managed and stored in accordance with safety data sheet requirements to reduce the risk of fire starting.
- Store incompatible chemicals in separate storage areas if possible. Otherwise, incompatible chemicals are to be separated with adequate spacing within the same storage areas.
- Eliminate any ignition sources near the storage of flammable chemicals where possible.
- Otherwise provide adequate spacing, non-flammable covers or screens between potential ignition source and flammable chemicals.
- No hot work (grinding, heating, welding etc.) near the flammable liquid storage areas so far as reasonably practicable, or otherwise provide non-flammable covers or screens to control sparks and flash.

The HLW Emergency management plan administered by the HLW safety team deals with the procedures for bushfire events at or close to accommodation sites. The BFEMEP forms part of the Emergency Management Plan and will be prepared in consultation with RFS, FRNSW, FCNSW and NPWS as per the requirements of MCoA B51(e). All APZs will be maintained prior to the beginning of the bushfire season.

Onsite firefighting supplies and resources include:

- Two 108,000 litre firefighting water supply tanks with a 65mm Storz fitting and FRNSW compatible suction connection.
- All weather access capable of allowing fire and rescue class 1 tankers access to the water supply tanks.
- Dedicated firefighting equipment such as smoke alarms, fire extinguishers and firefighting hose reels.
- On site liaison and incident controller to co-ordinate with the local RFS to co-ordinate the HLW Project response to a fire in or in vicinity to the site.

Site personnel are not employed as firefighters and are not expected to combat bushfires on the site. However, relevant personnel will be provided with Bushfire Awareness Training and will be instructed on the safe and effective operation of the fire safety equipment. In the event of a fire ignition on site, these trained personnel will be capable of providing a rapid response to extinguish minor fires and to prevent escalation to bushfire.

In the event of an emergency, the Chief Warden or their delegate will function initially as the Incident Controller (IC) until replaced by responding external fire authority IC. The replacement will occur on the arrival of the external fire authority IC and following a handover briefing.

The IC shall ensure the necessary parties are notified of an existing bushfire in accordance with the BFEMEP. In the event of ignition on site the IC shall consider the deployment of trained personnel to provide a rapid response first attack if safe to do so.

7.4. Utilities

A summary of how utilities at the accommodation camps, including water, wastewater, waste and electricity will be managed is provided in Annexure B and Table 7-1 below.

Table 7-1: Summary of utility management

Water and Wastewater	Potable water supply for the accommodation compounds and facilities will be transported to site via trucks and stored for use. Each accommodation facility will have a potable water storage capacity of 330kL. Expected potable water sources are detailed in the SWMP. Two 108,000 litre firefighting water supply tanks will be provided at each accommodation camp. Fire hydrant spacing, design and sizing will comply with relevant clauses of AS 2419.1:2021. Water supply management will be undertaken in accordance with the HLW SWMP as well as any agreements between HLW and the relevant water supplier. All water use will be recorded in the HLW Water Take Register as detailed in the Soil and Water Management Sub Plan. Wastewater management is detailed in Section 7.5 below. Wastewater Treatment Plants (WWTP) operations are carried out by a specialist sub-contractor. The subcontractor will obtain local council OSMS/S68 for installation and operation of the wastewater treatment plant.
Waste	Waste within accommodation compounds and facilities shall be segregated on site with colour coded bins being provided for mixed recyclable, organic waste, landfill, and paper. Paper bins will be provided throughout the office to encourage the recycling of scrap paper. Waste will be transported from site using an appropriately licensed waste management contractor. Contractors will be required to provide disposal receipts, tracking documentation and reports of waste quantities. Waste generated at the accommodation compounds and facilities will be managed in accordance with the Waste Management Sub Plan.
Electricity	Electrical infrastructure within the compounds to comply with *AS/NZS:2018 Electrical Installation* and *ISSC3 Guideline for Managing Vegetation Near Powerlines.* Electricity for the accommodation compounds and facilities will be supplied by Essential Energy. Pad substations will be designed in accordance with relevant Essential Energy siting requirements. Four back-up diesel generators will be provided at each accommodation facility with a combined power capacity of 450 kVA as a backup in the event of any outages. Diesel generators will only be used in the event of a power outage in order to minimise impact of emissions from the use of diesel generators on sensitive receptors. Diesel fuels will be stored, handled and transported in accordance with the supplier's instructions and relevant legislation, Australian Standards and applicable guidelines, particularly, the following where applicable: • *AS1940 The storage and handling of flammable and combustible liquids* • *Dangerous Goods Code* • the EPA's *Storing and Handling of Liquids: Environmental Protection – Participants Manual*
Gas Services	Will be used for cooking via regular bottle delivery Where applicable, reticulated or bottled gas will be installed and maintained in accordance with AS/NZS 1596:2014. All fixed gas cylinders will be kept clear of all flammable materials to a distance of 10m and shielded on the hazard side.

7.5. Wastewater treatment

Wastewater from the Tarcutta and Kunama accommodation facilities will be disposed of via onsite wastewater treatment plants.

In line with the HLW sustainability plan and HLW commitments to reduce potable water use and the requirements associated with MCoA B58, wastewater from the accommodation sites will be treated and where appropriate reused in the construction process. The design of the onsite WWTPs was undertaken in consultation with the Wagga Wagga City Council and Snowy Valleys Council. Onsite WWTP operations are carried out by a specialist sub-contractor. The subcontractor will obtain local council OSMS/S68 for installation and operation of the wastewater treatment plant.

Wastewater Treatment Plants (WWTPs) will treat water from waste generating areas such as toilets, bathroom and kitchen sinks and showers. WWTPs have been sized to be capable of treating wastewater for full occupancy of the facilities.

The operation of the WWTPs will treat water to comply with the relevant wastewater quality objectives. The wastewater quality objectives were derived primarily from Australian and New Zealand Environment and Conservation Council (ANZECC) and Agriculture and Resource Management Council of Australia and New Zealand (ARMCANZ) (2000) *Australian and New Zealand Guidelines for Fresh and Marine Water Quality guidelines for irrigation water*, *Australian Guidelines for Water Recycling: Managing Health and Environmental Risks (Phase 1*) (Natural Resource Management Ministerial Council, Environment Protection and Heritage Council, Australian Health Ministers' Conference, 2006) and information provided by the WWTP supplier.

Table 7-2 Wastewater quality objectives to be applied

Parameter	Units	Water Quality Criteria
pH	pH units	6.5-8.5
Biochemical O_2 demand	Mg/L	<20
E coli	Cfu/100 ml	<10
Total suspended solids	Mg/L	<30
Total Nitrogen	Mg/L	25-125
Total Phosphorus	Mg/L	<12
Chlorine	Mg/L	<2.0

The criteria detailed in Table 7-2 will be dependent on the implementation of on-site preventative measure which will be determined by the HLW occupational hygienist and may include, but not be limited to:

- No access after irrigation, until dry (1 - 4 hours)
- Minimum 25-30m buffer to the nearest point of public access
- Spray drift control, e.g. through low throw sprinklers (180 degree inward throw), vegetation screening, or anemometer switching.

As part of the operation and management of the WWTP monitoring consisting of a combination of daily sampling and monthly sampling to ensure the WWTP is meeting the requirements set out in Table 7-2. The monthly samples will be taken from WWTP and transported to a National Association of Testing Authorities (NATA) accredited laboratory for testing. Daily sampling will be undertaken via online monitoring equipment which will take reading on daily basis and recorded in a logbook.

Prior to reuse, the wastewater released from the WWTPs should meet the water quality objectives provided in Table 7-2. The nominated water supply points are outlined in Section 7.3.12 of the Soil and Water Management Sub-Plan.

Generally, treated wastewater will be loaded into a watercart vehicle and transported to the intended usage site. Treated wastewater will be reused in various construction activities such as, but not limited to, dust suppression within the accommodation camp and throughout the project corridor (including at transmission tower pad areas, onto and adjacent to access tracks, unsealed roads, and unsealed areas in construction compounds and accommodation camps), soil compaction, wheel wash, vehicle washdown areas. Any runoff generated by onsite reuse will be controlled entirely within the site boundary and appropriate sediment controls will be installed and maintained in accordance with the Blue Book. Section 7.5.1 below outlines the reuse of treated wastewater for dust suppression within the accommodation camp.

7.5.1. Dust suppression

Exposed surface areas within the accommodation facilities during their operation will likely be minimal, with surface stabilisation to occur during their construction. Stabilised surfaces will be inspected and maintained where required during the operation of the accommodation facilities. Stockpiles will be managed in accordance with the Soil and Water Management Sub Plan to minimise dust emissions.

To reduce the amount of waste requiring disposal and the amount of potable water used by the HLW Project, recycled water will be used for dust submission. During the operation of the accommodation facilities, treated wastewater will be used for dust suppression within the compounds when required. Recycled water will also be used in various construction activities including:

- Dust suppression.
- Soil compaction.
- Wheel and vehicle washdown areas.
- Biosecurity check points.
- Site restoration.

The *Public Health Act 2010* aims to protect and promote public health, control the risk to public health, prevent the spread, control and monitor of infectious diseases and to recognise the role of local governments in protecting public health. The Act primarily focuses on drinking water for human consumption and skin penetration activities. The treated wastewater will not be reused for human consumption or skin penetration activities. The use of treated wastewater in construction activities will be undertaken with consideration of the following:

- Water quality meets the criteria in Table 7-2 including implementation of appropriate on-site preventative measures
- Existing soil conditions and appropriate application rates.
- Proximity to waterways and farm dams
- Proximity to food crops and food crop pastures.
- Soil salinity and flood prone areas.
- Avoiding use in environmentally sensitive areas.
- Climate conditions and the potential for runoff.

7.6. Management and mitigation measures

Management and mitigation measures relevant to the Project are outlined in the table below. These will be implemented to minimise impacts from the operation of the accommodation facilities and ensure all commitments and requirements of the project approval are met. These specific management and mitigation measures have been developed to address the requirements of

applicable legislation, the MCoA and commitments of the EMMs.

Table 7-3: Accommodation facility mitigation measures

ID	Measure/Requirement	When to implement	Responsibility	Reference	Evidence
MM1	All staff are to be inducted on site including bushfire risk, incident and emergency procedures and codes of conduct for drug and alcohol use, driving and behaviour, how to access local health services, community and recreational services, company liaison for employee assistance.	Operation of site	Accommodation manager or delegate	Section 8.2 this plan	Induction records
MM2	Lighting at accommodation facilities will be operated in accordance with *AS4282-2019 Control of obtrusive effects of outdoor lighting.*	Operation of site	Accommodation manager	LV3	Design confirmation
MM3	Liaison will occur with local councils, interest groups, economic development organisations, local chambers of commerce and State government to: • notify local businesses of the goods and services required by the project, service provision opportunities and compliance requirements of businesses to secure contracts • encourage and support local business in meeting the requirements of the project for supply contracts • assist qualified local businesses to tender for provision of goods and services to support the construction of the project, where possible.	Design and operation	Project manager	EC2	Consultation records

ID	Measure/Requirement	When to implement	Responsibility	Reference	Evidence
MM4	Emergency services to be briefed on the layout and location of key elements of the accommodation facilities including access, fire equipment, dangerous good stores etc.	Prior to operation of site	Site manager	SO3	Emergency plan
MM5	If consultation with council or relevant landowners identifies a long-term use of the temporary accommodation facilities these matters will be implemented at disestablishment.	Disestablishment of accommodation facilities	Project manager	SO4	Consultation records
MM6	Noise mitigation measures such as hoardings will be inspected weekly for damage and effectiveness and any repairs made at the earliest opportunity.	Operation of accommodation facilities	Environmental manager	NV1	Site audit records
MM7	Deliveries of supplies and removal of waste are to be scheduled during regular daytime hours	Operation of accommodation facilities	Site manager	NV6	Delivery schedules
MM8	Vehicle movements at accommodation facilities will: • minimise out of hours movement • avoid using engine breaking at night	Operation of accommodation facilities	Environment manager	NV6	Driver code of conduct
MM9	Asset Protection Zones (APZ) will be managed in accordance with Planning for Bush fire Protection: A guide for councils planners, fire authorities and developer requirements (NSW RFS 2019).	Operation of accommodation facilities	Environmental manager	HR1	Vegetation management schedule

ID	Measure/Requirement	When to implement	Responsibility	Reference	Evidence
MM10	All chemicals, fuels or other hazardous substances will be stored, handled and transported in accordance with the supplier's instructions and relevant legislation, Australian Standards and applicable guidelines, particularly, the following where applicable: • *AS1940 The storage and handling of flammable and combustible liquids* • *AS/NZS 1596:2014 The storage and handling of LP Gas* • *Dangerous Goods Code* • the EPA's *Storing and Handling of Liquids: Environmental Protection – Participants Manual* The location of the bunded enclosure/s will be shown on the site plans.	Operation of accommodation facilities	Environmental manager	HR9	Site audit records. SDS sheets, chemical usage records
MM11	Environmental spill kits containing spill response materials suitable for the work being undertaken will be available with extras available to be carried in vehicles. Spill response procedure will be developed and implemented. All staff will be trained in emergency spill procedures.	Operation of accommodation facilities	Environmental manager	SC4	Site audit records.
MM12	Water and sediment quality controls will be monitored weekly and any corrective actions undertaken at the earliest opportunity	Operation of accommodation facilities	Environmental manager	HF1	Site audit records
MM13	Inspections for litter, unauthorised disposal of construction waste, contamination of waste streams and adequacy of capacity of waste receptacles will be undertaken weekly	Operation of accommodation facilities	Accommodation facility Manager / Environmental manager	Section 8.3 this plan	Site audit record

ID	Measure/Requirement	When to implement	Responsibility	Reference	Evidence
MM14	Waste storage will be kept clean and pest management measures implemented to reduce rodent infestation	Operation of accommodation facilities	Accommodation facility Manager / Environmental manager	Section 8.3 of this plan	Site inspection records, pest monitoring / trapping inspections.
MM15	All waste will be assessed, classified, managed, and disposed of in accordance with the *Waste Classification Guidelines (NSW EPA 2014b).* Waste will be appropriately transported, stored and handled according to their waste classification and in a manner that prevents pollution of the surrounding environment	Operation of accommodation facilities	Environment manager	W3	Waste records, including tracking and disposal certificates.
MM16	WWTPs will be maintained in accordance with the operation and maintenance manual with regular inspections and testing	Operation of accommodation facilities	Accommodation facility Manager / Environmental manager	Section 7.5this plan	Maintenance records and certification.
MM17	All waste related documentation such as waste classifications, transfer and disposal documentary evidence will be held by the proponent for a minimum of seven years from the date the waste is generated.	Operation of accommodation facilities	Environmental manager	W3	Waste records to be held in HLW document management system.
MM18	Visual monitoring of dust onsite will be undertaken and dust suppression measures implemented	Operation of accommodation facilities	Accommodation facility Manager / Environmental manager	AQ1	Site inspection records and

ID	Measure/Requirement	When to implement	Responsibility	Reference	Evidence
MM19	Flood risks will be managed through maintenance of stormwater facilities and keeping overland flow paths clear of obstructions.	Operation of accommodation facilities	Accommodation facility Manager / Environmental manager	Section 7.1 this plan	Site inspection records / marked out areas for storage
MM20	Weed control onsite will be undertaken by a suitably qualified contractor who will provide all certifications and spray diaries to the environmental manager.	Operation of accommodation facilities	Accommodation facility Manager / Environmental manager	Biosecurity Management Plan	Spray plans, records and training
MM21	The implementation of the HLW Project Drivers code of conduct will be monitored and where breaches occur, appropriate corrective actions taken as required	Operation of accommodation facilities	Environment manager	TT7	Induction raining record
MM22	Access points will be monitored for mud and material being tracked onto public roads with	Operation of accommodation facilities	Accommodation facility Manager / Environmental manager	AQ1	Photographic record
MM23	All bushfire emergency egress areas will be kept free of equipment, stockpiles and other obstructions	Operation of accommodation facilities	Environment manager	HR5	Site inspection records / marked out exclusion zones
MM24	Grass height within the sites will be maintained to 100mm or less to minimise bushfire hazard risks	Operation of accommodation facilities	Accommodation facility Manager / Environmental manager	Section 7.3 this plan	Site inspection and maintenance records.

ID	Measure/Requirement	When to implement	Responsibility	Reference	Evidence
MM25	All weather access to firefighting resources will be maintained at all times	Operation of accommodation facilities	Accommodation facility manager	HR4	Site inspection records photos
MM26	Ongoing consultation with NSWRFS will be undertaken to ensure emergency responders are aware of available resources and capabilities on site	Operation of accommodation facilities	Accommodation facility Manager / Environmental manager	BFEMEP	Communication and meeting records
MM27	The proposal will be designed, operated, and maintained in accordance with TransGrid's Bushfire Risk Management Plan. This includes reduction in fuel loads, management of asset protection zones and inspections of infrastructure.	Operation of accommodation facilities	Accommodation facility Manager / Environmental manager	Section 7.3	Inspection records and photos
MM28	Shielding will be used and a water supply (nine-kilogram water fire extinguisher) and trained operator present during all outdoor hot works/grinding activities, and during vegetation slashing within and adjacent to the construction compound and camp sites. No outdoor hot works will be undertaken during periods of Total Fire Ban and Catastrophic Fire Weather Days unless there is a suitable fire suppression unit present on site and only with prior agreement with local fire services	Operation of accommodation facilities during high fire risk and fire ban periods	Accommodation facility Manager / Environmental manager	HR4	SWMS records and approval records
MM29	All staff will be trained on spill procedures, the location and contents of spill response resources and in the event of a spill follow the accidental spill procedure	Operation of accommodation facilities	Accommodation facility Manager / Environmental manager	SC4	Induction training records

ID	Measure/Requirement	When to implement	Responsibility	Reference	Evidence
MM30	Incident response procedures for wastewater treatment plants (and use of treated wastewater) will be implemented to avoid, minimise and manage accidental spills or other incidents that impact the function of the wastewater treatment plants.	Operation of accommodation facilities	Environmental manager	Section 8.2 and 8.5 this plan	Induction training and photographs of preventative measures.
MM31	All chemicals, fuels or other hazardous substances will be stored in accordance with the supplier's instructions and relevant legislation, Australian Standards and applicable guidelines. The capacity of any bunded area shall be at least 110% of the largest container or 25% of the total stored on the bund - whichever is greater. The location of the bunded enclosure/s shall be shown on the site plans.	Operation of accommodation facilities	Accommodation facility Manager / Environmental manager	SC4 MCoA B49	Audit records, storage certifications
MM32	Appropriate spill containment equipment will be provided and located at strategic, accessible locations.	Operation of accommodation facilities	Environmental Manager	SC4	Photographic evidence of equipment in place.
MM33	Construction materials, spoil and waste will be suitably stored to minimise the potential for soil, groundwater or water quality impacts.	Operation of accommodation facilities	Accommodation facility Manager / Environmental manager	W2	Delineation of storage areas, site inspections.
MM34	GHG emissions and associated activity data will be tracked and recorded in accordance with the	Operation of accommodation facilities	Accommodation facility Manager / Environmental manager	CC4	Data tracking records

ID	Measure/Requirement	When to implement	Responsibility	Reference	Evidence
MM35	Complaints will be managed in accordance with the HLW project Community Communication Strategy.	Operation of accommodation facilities	Accommodation facility Manager / Environmental manager	Community Communication Strategy (CCS)	Complaints register and reporting

8. Compliance management

8.1. Roles and responsibilities

The HLWJV Team's organisational structure and overall roles and responsibilities are outlined in Section 3.5 of the CEMP. Specific responsibilities for the implementation of environmental controls are detailed in 7 of this Plan.

8.2. Training

Site management staff will be trained on detailed operation of all environmental management including:

- WWTP operations (or monitoring when to call in sub-contractors).
- Spill and emergency response.
- Hazardous substances storage and handling.
- Firefighting and bushfire control.
- Identification of drugged and drunk behaviour.
- Complaints management.
- Environmental management measures.
- Biosecurity management.
- Waste classification and handling.

All staff resident in the accommodation facilities will receive environmental training on:

- Site induction.
- Code of conduct.
- Incident and emergency response.
- Driver behaviour.
- Biosecurity awareness.
- HLW Good neighbour policy.
- Bushfire risk and emergency management plan.

8.3. Monitoring and inspection

As set out in Section 3.9 of the CEMP regular monitoring and inspections will be undertaken on a regular basis. Records of all monitoring and inspections will be kept on site and provided to the relevant authority when required.

Monitoring will be undertaken in accordance with the revenant conditions of approval and the approved CEMP. The purpose of inspecting and monitoring the site and the people using it is to ensure that the impacts of operation are as assessed, to identify any required corrective actions and to demonstrate that required actions have been undertaken.

Daily inspections of the site facilities, grounds and systems will be undertaken by the accommodation facility manager in conjunction with the environmental manager (or delegated person) covering aspects such as:

- ESCP measures.
- Noise mitigation measures.
- Boundary fencing.
- Litter and general housekeeping.

- Waste management areas.
- Lighting.
- Community communications and complaint management progress.

8.4. Auditing

Accommodation facilities will be audited during construction and on a six-monthly basis in accordance with the schedule set out in Section 3.9.3 of the CEMP to verify compliance with:

- This plan.
- Planning Approval requirements (MCoAs, CoMA and EMMs).
- Relevant guidelines for wastewater, noise, lighting, bushfire management, air quality and waste management.

8.5. Incidents and non-compliances

All incidents will be managed in accordance with Section 3.8 of the CEMP.

All non-compliances will be managed in accordance with Section 3.10 of the CEMP.

Where an inspection or audit reveals a non-compliance or deviation from expected parameters the process in Section 3.10 of the CEMP will be followed. In summary the process will involve:

- Determining the root cause of non-compliance with this plan or CEMP.
- A site inspection by the Environmental Manager of that site.
- Advising relevant staff of the problem.
- Identify and agree on actions to resolve or mitigate the non-compliance.
- Implementing actions to rectify or mitigate the non-compliance.
- Implement actions and training to prevent further non-compliances and to share learnings.
- Reporting of findings and corrective actions as set out in Section 3.10 of the CEMP.

8.6. Reporting

In addition to incident reporting requirements, HLW is required to report on its activities to ensure it is complying with its approvals. Section 3.10 of the CEMP sets out the reporting requirements, timings, responsibilities and recipients for reporting.

Regular reporting on activities in accommodation facilities will include reporting on:

- Monthly environmental and compliance performance.
- Waste avoidance and resource recovery activities.
- Wastewater treatment monitoring results.
- Incident reporting.
- Complaints and resolutions.
- Occupancy rates.
- Internal and Independent audit results.

The Environment Manager will be responsible for preparing and reporting on accommodation facility activities.

9. Review and improvement

9.1. Continuous improvement

As outlined in Section 3.12.1 of the CEMP, management reviews will be undertaken as part of the continual improvement process. The reviews will be initiated by the Environmental Manager and include relevant project team members and stakeholders. Continuous improvement of this plan and of monitoring requirements detailed in Section 3.12 of this Plan will be achieved by the ongoing evaluation of environmental management performance against planning approval requirements, environmental policies, objectives and targets for the purpose of identifying opportunities for improvement.

The continuous improvement process will be designed to:

- Identify areas of opportunity for improvement of environmental management and performance.
- Determine the cause or causes of non-compliances and deficiencies.
- Develop and implement a plan of corrective and preventative action to address any non-compliances and deficiencies.
- Verify the effectiveness of the corrective and preventative actions.
- Document any changes in procedures resulting from process improvement.
- Make comparisons with objectives and targets outlined in Section 2.2 and Section 2.3 of this Plan.

9.2. Plan update and amendment

The processes described in Section 3.9 to Section 3.12 of the CEMP may result in the need to update or revise this Plan. Any revisions to this plan will be in accordance with the process outlined in Section 3.12 of the CEMP.

A copy of the updated plan and changes will be distributed to all relevant stakeholders in accordance with the approved document control procedure – refer to 3.11.2 of the CEMP.

Annexure A. Other UMMs relevant to this plan

Annexure A: Table 1 Summary of proposed mitigation measures

Reference	Impact	Mitigation measure	Timing	Relevant location	Where addressed
Biodiversity					
B13	Biodiversity Management, exclusion zones	Biodiversity exclusion zones for retained vegetation and threatened species habitats will be confirmed by a suitably qualified ecologist and identified as 'No disturbance' zones prior to the commencement of clearing or any site activity that could damage the vegetation within the exclusion zone. These areas will be identified as a no-go zone within approved plans and on-site demarcation will be required. High visibility protection fencing will be erected on site including signage clearly identifying these areas as no-go zones. Requirements for the protection and management of no-go zones will be addressed as a part of the site induction. Biodiversity exclusion zones will be physically marked and demarcated, and included on sensitive area maps and project GIS/GPS systems, prior to clearing.	Detailed design and, camp operation	All locations	Biodiversity Management Plan
B14	Training	All relevant project personnel involved in vegetation clearance, including relevant sub-contractors will be trained on biodiversity management protocols and the requirements for the project, through inductions, toolbox talks and targeted training, and provided with sensitive area maps (showing clearing boundaries and exclusion zones) and updates as required.	Camp operation	All locations	Biodiversity Management Plan
B18	Land management	All disturbed lands/areas must be managed throughout the construction work (in accordance with the relevant *Managing Urban Stormwater* (Landcom, 2004) (Blue Book) or comparable best practice guidelines, including: • vegetation removal, restoration, and management • stockpiling, erosion and sediment management • stabilisation / rehabilitation of disturbed lands/areas must be undertaken within suitable timeframes	Camp operation	Kunama accommodation facility (AC07) and Tarcutta accommodation facility (AC03)	Soil and Water Management Plan

Reference	Impact	Mitigation measure	Timing	Relevant location	Where addressed
		• temporary erosion and sediment controls must be maintained (and not removed) until rehabilitation measures are providing effective stabilisation of disturbed lands/areas. Disturbed areas (including areas not required for operation) will be stabilised/rehabilitated to a standard either: • as agreed with the landowner • in accordance with the relevant Managing Urban Stormwater (Blue Book) or comparable best practice guidelines.			
B22	Biosecurity	A Biosecurity Management Plan will be developed as a part of the BMP, to be implemented during construction. The plan will include: • Protocols for the identification of priority weed species, relevant pests and diseases of concern, mandatory reporting obligations and management of Emergency, Control and Biosecurity zones as per the NSW Biosecurity Act 2015. • Weed and pest animal management and monitoring requirements would also be outlined within the plan where relevant. • Inclusion of a Trigger Action Response Plan (TARP) for key biosecurity threats including known biosecurity threats to threatened species and populations. • Locations, timing and methods for removing soil and plant matter from vehicles and machinery and sourcing clean soil and materials free of contaminants for construction work. • Clean down stations (water or air, dependent on the identified biosecurity risk) will be constructed at suitable	Camp operation	All locations	Biodiversity Management Plan

Reference	Impact	Mitigation measure	Timing	Relevant location	Where addressed
		locations to clean down vehicles and employee shoes to stop the spread of weeds, pathogens (e.g. amphibian chytrid fungus, Phytophthora cinnamomi, exotic rust fungi and Epizootic Haematopoietic Necrosis Virus (EHNV)) and the introduction of new species. The biosecurity plan would address any Property Management Plan requirements where relevant. • Phytophthora has been detected in locations associated with the adjoining Snowy 2.0 project and in Lob's Hole (as identified in Appendix C (NSW DCCEEW Environment and Heritage detailed response) of the Submissions Report). If construction vehicles are required to move through areas of known or likely infestation, the risk of spread will be managed through the implementation of suitable hygiene protocols detailed in the Biosecurity Management Plan. Transgrid would consult with relevant agencies and groups involved with pest management in order to contribute to existing or future monitoring and management programs. Consideration of potential contributions would be targeted towards areas where greatest impacts occur, particularly through relatively intact landscapes where easement introduction increases the risk of native fauna predation.			
B24	Lighting	Directional lighting will be used for any permanent lighting (i.e. substation) or temporary lighting (i.e. worker accommodation) required to minimise light spill as much as possible in accordance with Australian standard AS4282:2019. Artificial lighting required during construction will be directed towards the work site and minimise light spill, to the extent practicable. Permanent lighting will be erected at least 50 m from remnant vegetation where practicable.	Detailed design and / camp operation	Kunama accommodation facility (AC07) and Tarcutta accommodation facility (AC03)	Table 5-1 ACMP

Reference	Impact	Mitigation measure	Timing	Relevant location	Where addressed
B26	Surface water, soils and groundwater	The key measures proposed to avoid, manage and/or mitigate impacts to surface water, and groundwater and soils will involve: • Preparation of Soil and Water Management Plans (SWMPs) as part of the Construction Environmental Management Plan (CEMP) to manage water quality impacts during construction of the project, including water quality monitoring requirements. • Preparation of Erosion and Sediment Control Plans (ESCPs) by a certified professional in erosion and sediment control. • Consideration of appropriately designed scour protection at new stormwater management points. The SWMP will include a combination of the following: • ESCPs • water quality monitoring requirements • Management of dewatering processes • Emergency Spill Procedure • Unexpected Contaminants Finds Protocol. ESCPs will be developed for the activities and areas that are considered higher risk. The plans will detail the processes, responsibilities and measures to manage potential soil and water quality impacts in accordance with the principles and requirements in:	Detailed design and Camp operation	Kunama accommodation facility (AC07) and Tarcutta accommodation facility (AC03)	Soil and Water Management Plan

Reference	Impact	Mitigation measure	Timing	Relevant location	Where addressed
		• *Managing Urban Stormwater – Soils and Construction, Volume 1* (Landcom, 2004) and Volumes 2A (DECC, 2008a) and Volume 2C (DECC, 2008b), commonly referred to as the 'Blue Book' • Best Practice Erosion and Sediment Control (IECA, 2008) • Controlled activities - Guidelines for instream works on Waterfront Land (DPE Water, 2022b).			
B4	Biodiversity conservation along access tracks	Existing tracks and clearings will be used, where possible, to limit the construction of new tracks. Where this is not possible, the design will seek to minimise impacts to native vegetation, including cut and fill. Design and micro-siting of new access tracks will seek to avoid or minimise impacts to habitat trees and rocky habitats (i.e. rock outcrops, large boulders, piled rock, and rock features that provide potential sheltering and breeding habitat for fauna, including threatened species). Access track corridors will be established with consideration to terrain to minimise cut/fill and vegetation clearing.	Detailed design and construction / Camp operation	Kunama accommodation facility (AC07) and Tarcutta accommodation facility (AC03)	Soil and Water Management Plan
Aboriginal heritage					
AH1	Impact to Aboriginal sites	The Aboriginal community consultation process for this project will continue until completion of construction.	Detailed design and construction / Camp operation n	All locations	Heritage Management Plan
AH5	Impacts from construction of transmission line structures, new waterway crossings, worker accommodation	Where detailed design confirms there would be direct impacts from the construction of transmission line structures, new waterway crossings, worker accommodation facilities and construction compounds in areas with high and moderate archaeological sensitivity that have not been previously subject to test excavations, prior to impact a desktop assessment and site inspection will be completed to determine the level of previous impact from past ground	Detailed design and Camp operation	Kunama accommodation facility (AC07) and Tarcutta accommodation facility (AC03)	Heritage Management Plan

Reference	Impact	Mitigation measure	Timing	Relevant location	Where addressed
	facilities and construction compounds in areas of high and moderate Aboriginal archaeological sensitivity (subsurface archaeology sensitivity model)	disturbing activities and to determine if the area contains a potential archaeological deposit (PAD). If it is determined that the area contains a PAD and has undergone low previous impact then an archaeological subsurface test excavation program will be carried out in the area of direct impact.			
AH8	Impact to Aboriginal sites – Modified trees	Harm to modified trees and trees of cultural significance will be avoided where possible through design development and construction planning. Modified trees will only be removed to directly facilitate construction of permanent infrastructure and/or to meet Vegetation Clearance Requirements for the transmission line. If the removal of a scarred tree (a type of modified tree) cannot be avoided, the tree will be subject to 3D scanning. **Prior to any impacts to modified or scarred trees, or a tree of cultural significance, consultation will be undertaken with the Registered Aboriginal Parties (RAPs) on salvaging the scarred tree trunk.**	Detailed design	Modified trees	Heritage Management Plan
Land use and property					
LP2	Property impacts	A property management plan will be developed for directly impacted properties in consultation with landowners and stakeholders. The property management plans will outline the protocols that will be implemented to address landowner concerns during construction. This may include: • The process for rectification of any damage to property infrastructure caused by construction	Detailed design and Camp operation	All locations	PMP

Reference	Impact	Mitigation measure	Timing	Relevant location	Where addressed
		• The process for restoration or rehabilitation and stabilisation of disturbed areas following the completion of construction • Measures to minimise disruption to agricultural practices during construction • Any fencing and gate requirements • Specific biosecurity protocols			
LP4	Biosecurity	Biosecurity controls will be implemented to minimise the risk of off-site transport or spread of disease, pests or weeds. Controls will be in accordance with a Biosecurity Management Plan developed as part of the Biodiversity Management Plan to be implemented during construction, and Transgrid's *Biosecurity Procedure and Biosecurity Environmental Guidance Note to be implemented during operational* and will include development of specific controls if high biosecurity risks are identified. Appropriate measures will be implemented with respect to foot and mouth disease to control any risk of introduction via the project. The specific controls applicable to a property will be identified in consultation with the affected landowner. The effectiveness of these controls will be monitored in a manner and time interval consistent with the level of risk on each property. In the event of new infestations of notifiable weeds as a result of construction activities, the relevant control authority will be notified as per *Biosecurity Act 2015* (NSW) and Biosecurity Regulation 2017.	Camp operation and operation	All locations	Biodiversity Management Plan
LP9	Impacts to utilities and services	The location of all services and utilities within the construction area will be confirmed during detailed design, and any required protection or relocation will be designed in consultation with utility providers	Detailed design	Kunama accommodation facility (AC07) and Tarcutta accommodation	Accommodation Camp Management Plan (Section 7.4)

Reference	Impact	Mitigation measure	Timing	Relevant location	Where addressed
				facility (AC03)	
Economic					
EC1	Local employment	A Local Industry Participation Plan, an Australian Industry Participation Plan, a Workforce and Workforce Development Plan and an Aboriginal Participation Plan will be prepared and implemented.	Detailed design and Camp operation	Kunama accommodation facility (AC07) and Tarcutta accommodation facility (AC03)	Social Impact Management Plan
EC2	Potential business impacts	Liaison will occur with local councils, interest groups, economic development organisations, local chambers of commerce and State government to: • Notify local businesses of the goods and services required by the project, service provision opportunities and compliance requirements of businesses to secure contracts • Encourage and support local business in meeting the requirements of the project for supply contracts • Assist qualified local businesses to tender for provision of goods and services to support the construction of the project, where possible	Detailed design and Camp operation	Kunama accommodation facility (AC07) and Tarcutta accommodation facility (AC03)	Local Business and Employment Strategy
Social					

Reference	Impact	Mitigation measure	Timing	Relevant location	Where addressed
SO2	Impacts on local services and social cohesion from introduction of temporary workers	Information will be provided to the construction workers that includes: • Information on community services and recreation facilities, events and tourism activities • Details on how to access health services including dedicated telehealth services organised by Transgrid • A company contact if help is needed • Code of Conduct to minimise the incidence of risk drinking and drug behaviors	Detailed design	Kunama accommodation facility (AC07) and Tarcutta accommodation facility (AC03)	Social Impact Management Plan
SO3	Impacts on emergency services	Emergency services will be regularly updated on work plans and access routes in the event of an emergency.	Camp operation	Kunama accommodation facility (AC07) and Tarcutta accommodation facility (AC03)	Social Impact Management Plan Emergency Management Plan
SO4	Opportunities for long-term community benefit	Any opportunities for appropriate long-term use for the worker accommodation facilities (or component parts thereof) will be identified in consultation with councils and the relevant landowner/s.	Detailed design and Camp operation	Kunama accommodation facility (AC07) and Tarcutta accommodation facility (AC03)	Social Impact Management Plan
SO5	Impacts on local services from introduction of temporary workers	Each worker accommodation facility will include appropriate food and catering facilities, fitness and recreational facilities, parking spaces and first aid facilities.	Detailed design and Camp operation	Kunama accommodation facility (AC07) and Tarcutta accommodation facility (AC03)	Accommodation Camp Management Plan (Section 5.1)
Landscape character and visual impact					
LV3	Construction lighting	Lighting at construction compounds and worker accommodation facilities will be designed and operated in	Detailed design and Camp operation	Kunama accommodation	Accommodation Camp

Reference	Impact	Mitigation measure	Timing	Relevant location	Where addressed
		accordance with *AS 4282 2019 Control of the obtrusive effects of outdoor lighting*.		facility (AC07) and Tarcutta accommodation facility (AC03)	Management Plan (Section 5.1)
LV4	Vegetation protection	The Tree Protection Zone of retained trees within or immediately adjacent to the disturbance area will be managed in accordance with *AS 4970-2009 Protection of Trees on Development Sites* where practicable to minimise the impact of the works on the long-term health of these trees.	Detailed design	Kunama accommodation facility (AC07) and Tarcutta accommodation facility (AC03)	Biodiversity Management Plan
Noise and vibration					
NV1	Construction noise	Where receivers are predicted to be noise affected and near construction compounds or fixed work areas with long durations (i.e. several months), path control, such as hoarding or earth bunds will be investigated. Practical measures will be implemented where required. Positioning of site structures will also be considered to act as barriers between noisy work and receivers where practical.	Detailed design and Camp operation	Kunama accommodation facility (AC07) and Tarcutta accommodation facility (AC03)	Noise and Vibration Management Plan
NV6	Construction noise	All construction vehicle movements will adhere to the following measures: • Out-of-hours vehicle movements will be minimised where possible • Construction delivery vehicles will be fitted with straps rather than chains for unloading, wherever possible • Use of engine compression brakes will be avoided at night and in residential areas • Site access points and roads/flight paths will be located as far as possible away from sensitive receivers • Traffic flow, parking and loading/unloading areas	Camp operation	Kunama accommodation facility (AC07) and Tarcutta accommodation facility (AC03)	Noise and Vibration Management Plan

Reference	Impact	Mitigation measure	Timing	Relevant location	Where addressed
		will be planned to minimise reversing movements • Construction inductions will include driver behavior requirements to minimise vehicle noise emissions			
Soils, geology and contamination					
SC4	Soil contamination – chemical spills and runoffs	All chemicals, fuels or other hazardous substances will be stored in accordance with the supplier's instructions and relevant legislation, Australian Standards and applicable guidelines. Environmental spill kits containing spill response materials suitable for the work being undertaken will be available with extras available to be carried in vehicles. A spill response procedure will be developed and implemented. All staff will be trained in emergency spill procedures.	Camp operation	Kunama accommodation facility (AC07) and Tarcutta accommodation facility (AC03)	Accommodation Camp Management Plan (Section 5.1) Soil and Water Management Plan
SC6	Soil contamination	The contractor will undertake compliance monitoring, keep a record of waste volumes and waste types and keep a stockpiles register where excavations and stripping of surface soil contamination occurs. The contractor will keep all records during construction for waste disposal and for the importation of materials such as engineering fill and excavated natural materials (ENM) or virgin excavated natural materials (VENM) soils. Engineering fill materials for use on site will be validated to confirm they meet the classification of VENM or ENM prior to being transported to site.	Camp operation	Kunama accommodation facility (AC07) and Tarcutta accommodation facility (AC03)	Waste management Plan Soil and Water Management Plan
Surface water and groundwater					

Reference	Impact	Mitigation measure	Timing	Relevant location	Where addressed
SW3	Surface and groundwater quality - monitoring	Water quality monitoring will be implemented to establish baseline water quality conditions in waterways of high sensitivity that may be impacted by nearby construction and to detect any changes in water quality that may be attributable to the project during construction. The frequency, location and duration of sampling will be detailed in a monitoring program. Monitoring locations will include: • At a minimum two monitoring locations (one located upstream and one downstream of the transmission line crossing) for waterways with a Strahler 4th stream order or higher within the SDWC where construction activities within 200 metres of the waterway will be carried out and could result in impacts • Monitoring for total dissolved solids, total suspended solids, total nitrogen, and total phosphorus	Detailed design and Camp operation	Kunama accommodation facility (AC07) and Tarcutta accommodation facility (AC03)	Soil and Water Management Plan
SW4	Water supply	Water supply management will be undertaken in accordance with agreements between the construction contractor, relevant landowners and relevant water users and suppliers. Groundwater and surface water allocations purchased from existing registered bores/users must be extracted in accordance with the conditions stated in the associated Water Access Licenses(s) (WAL(s)) and Water Supply Works approval(s).	Detailed design and Camp operation	Kunama accommodation facility (AC07) and Tarcutta accommodation facility (AC03)	Soil and Water Management Plan
Hydrology and flooding					
HF1	Drainage design and stormwater management	Suitable on-site drainage design and stormwater management strategies and plans will be implemented to limit adverse flood impacts on surrounding properties during construction.	Detailed design and Camp operation	All construction compounds and combined worker accommodation facilities and construction compounds	Soil and Water Management Plan

Reference	Impact	Mitigation measure	Timing	Relevant location	Where addressed
HF2	Impact of earthworks to establish new access tracks on flooding	The detailed design will consider the potential impacts on flooding associated with earthworks for new access tracks and the need for cross drainage culverts or bridge structures. The cross drainage infrastructure will be sized appropriately to minimise adverse flood impacts.	Detailed design	Access tracks	Soil and Water Management Plan
HF3	Impact on flooding at all construction compounds and combined worker accommodation facilities and construction compounds	Where possible, overland flow paths up to the 5% AEP event for construction compounds and 2% AEP for combined worker accommodation facilities and construction compounds are to remain unobstructed from bulk filling, site infrastructure and/or stockpiling. Selective placement of sensitive or vulnerable infrastructure (e.g. electrical equipment, buildings, machinery, stockpiles, pedestrianised areas etc) will be considered in flood prone areas. Where bulk filling of flood prone land is required, a flood impact assessment is required to demonstrate the impact of proposed works with consideration of mitigation measures to minimise any downstream impacts.	Detailed design	All construction compounds and combined worker accommodation facilities and construction compounds	Soil and Water Management Plan
HF4	Impact on flooding and drainage at construction compounds, combined worker accommodation facilities and construction compounds and Bannaby 500 kV substation	Where possible, existing drainage and overland flowpaths will be maintained at construction compounds, combined worker accommodation facilities and construction compounds and Bannaby 500 kV substation. Where filling is required, suitable drainage design and stormwater management strategies and plans will be implemented to limit adverse flood impacts on surrounding properties. Selective placement of sensitive or vulnerable infrastructure (e.g. electrical equipment, buildings, machinery, stockpiles, pedestrianised areas etc.) will be allocated to areas away from drainage lines. On site detention will be incorporated where increases in site stormwater discharges exceed predevelopment flows, and will be designed in accordance with *Managing Urban*	Detailed design and camp operation	Kunama accommodation facility (AC07) Tarcutta accommodation facility (AC03)	Soil and Water Management Plan

Reference	Impact	Mitigation measure	Timing	Relevant location	Where addressed
		Stormwater – Soils and Construction, Volume 1 (Landcom, 2004), and *Volumes 2A* (DECC, 2008a) and *2C* (DECC, 2008b), commonly referred to as the 'Blue Book'.			
Hazards and risks					
HR1	Protection zones and landscaping	Asset protection zones (APZs) will be managed in accordance with *Planning for Bush Fire Protection: A guide for councils, planners, fire authorities and developers requirements* (NSW RFS 2019), and associated criteria.	Detailed design, construction and operation	Substations and project buildings within construction compounds and the temporary worker accommodation facilities	Accommodation Management Plan (Section 7.3)
HR4	Access	Access to substations and project buildings within the bushfire survey area will be established in accordance with: • *Planning for Bushfire Protection 2019* requirements (NSW RFS 2019) criteria Access requirements will be in accordance with: • *NSW Fire Trail Standards* (NSW RFS 2016) and *Fire Trail Construction and Design Maintenance Manual* (Soil Conservation Science 2017).	Construction and camp operation	Buildings within bushfire survey areas	Accommodation Management Plan (Section 7.3) Emergency Management Plan

Reference	Impact	Mitigation measure	Timing	Relevant location	Where addressed
HR5	Bush Fire Emergency Management and Evacuation Plan (BFEMEP)	The project will be designed and constructed in accordance with a **Bush Fire Emergency Management and Evacuation Plan (**BFEMEP). The BFEMEP will be prepared by a suitably qualified person and will include: • Bushfire Emergency Evacuation Plan • Bush Fire Risk Management Plan protocols during construction, considering activities • During days with fire danger rating 'high' or greater • Bushfire response and notification measures to report fires at the earliest opportunity • Bushfire mitigation measures including maintaining asset protection zones (APZs) and mechanisms for the handling and use of any dangerous goods • Bushfire risk induction and training for personnel, including risks and management measures associated with construction equipment and activities • Fire reporting, emergency areas, on-site refuges, and evacuation procedures and is to be consistent with *Development Planning: A guide to developing a bush fire emergency management and evacuation plan (NSW RFS, 2014)* The BFEMEP will be consistent with relevant Australian Standards and development plans and guides. For the Special Fire Protection Purpose, the BFEMEP will include planning for the early relocation of occupants in the event of a potential bushfire or other emergency situation. A copy of the BFEMEP will be provided to the Local Emergency Management Committee for its information prior to occupation of the development.	Detailed design and construction	Kunama accommodation facility (AC07) and Tarcutta accommodation facility (AC03)	Emergency Management Plan Accommodation Management Plan (Section 7.3)

Reference	Impact	Mitigation measure	Timing	Relevant location	Where addressed
HR9	Chemicals, fuels and hazardous substances	All chemicals, fuels or other hazardous substances will be stored in accordance with the supplier's instructions and relevant legislation, Australian Standards and applicable guidelines. The capacity of any bunded area will be at least 130 per cent of the largest chemical volume contained within the bunded area. The location of the bunded enclosure/s will be shown on the site plans.	Construction and operation	Kunama accommodation facility (AC07) and Tarcutta accommodation facility (AC03)	
HR10	Dangerous goods and hazardous materials	Dangerous goods and hazardous substances will be transported in accordance with relevant legislation and codes, including the *Dangerous Goods (Road and Rail Transport) Act 2008*, Road and Rail Transport (Dangerous Goods) (Road) Regulation 1998 and the *Australian Code for the Transport of Dangerous Goods by Road and Rail* (National Transport Commission, 2018).	Construction	All locations	Accommodation Camp Management plan (Table 7-3 (MM10))
HR15	Bushfire	A minimum of 20,000 litre static water supply for firefighting purpose will be provided for each construction compound and worker accommodation facility where no reticulated water is available in accordance with *Planning for Bush Fire Protection: A guide for councils, planners, fire authorities and developers* (NSW RFS, 2019).	Construction	Construction compounds and worker accommodation facilities	Accommodation Camp Management Plan (Section 7.6)
Traffic, transport and access					
TT1	Road safety – design	Access tracks, access connections and road upgrades required to facilitate the movement of project related traffic will be designed and constructed in a fit for purpose manner for construction. Where required, intersection works with public roads will be designed and constructed according to relevant Austroads guides or the relevant asset owners' standards.	Detailed design	Access tracks and roads	Traffic and Transport Management Plan
TT3	General construction impacts	Traffic controls will be aligned with *Traffic Control at Work Sites – Technical Manual Version 6.1* (Transport for NSW (TfNSW)). Traffic controls will be confirmed in consultation with the relevant road authority.	Detailed design and construction	All locations	Traffic and Transport Management Plan

Reference	Impact	Mitigation measure	Timing	Relevant location	Where addressed
TT4	Road maintenance	Prior to construction, condition assessments will be carried out for all local roads to be used during construction. The surveys will assess the current condition of the road surface and will be documented in a road condition report, with a copy being provided to the relevant road authority. Road condition assessments will be undertaken during and following construction to assess the damage to roads accessed by project-related traffic. Damage caused by the project will be rectified or compensated for, during or after construction, in consultation with the relevant road authority.	Detailed design and construction	Access routes	Traffic and Transport Management Plan
TT6	Temporary lane/road closure	Road closures will be undertaken with the approval of the appropriate road authority and under the relevant road occupancy license to be obtained prior to construction. Where feasible, road closures will be planned outside of the traffic peak to minimise the impact on the road network.	Construction	All locations	Traffic and Transport Management Plan
TT7	Road safety – driver related	A Code of Conduct applicable to all construction workers will be developed and implemented which will define acceptable driver behavior. The purpose of the Code of Conduct is to promote road safety and ensure that the impacts of construction-related vehicle movements on local roads and the local community are minimised. The Code of Conduct will be developed as part of a wider suite of documents under work health and safety requirements.	Construction	Roads providing access to project	Traffic and Transport Management Plan
TT8	Community and stakeholder consultation	Community and stakeholder communication strategies will be established and implemented to notify the affected communities, visitors, emergency services and relevant road and rail authorities in advance of any disruptions to traffic, anticipated delays, disruptions to property access and changes to travel routes. The strategies will be developed including details on communication channels, frequency of communication and	Detailed design and construction	All locations	Traffic and Transport Management Plan Community Consultation Strategy

Reference	Impact	Mitigation measure	Timing	Relevant location	Where addressed
		response measures in relaying information to the community and stakeholders.			
Air quality					
AQ1	Dust emissions	The following measures will be considered and implemented where practicable and appropriate to manage dust: • Use water sprays or surfactants as required for dust suppression • Provide adequate water supply on site for dust suppression • Locate dust generating activities away from receptors • Protect stockpiled materials from wind erosion to minimise dust generation and position stockpiles as far as practicable away from any nearby receptors • Implement measures to minimise the tracking of dust generating material onto paved roads • Cover the loads of potential dust producing materials • Minimise the extent of ground disturbance as far as practicable • Stabilise disturbed areas as soon as practicable • Plan and schedule vegetation clearance and grubbing activities to minimise areas of open and exposed soil The effectiveness of the installed controls will be monitored, and additional controls implemented as required to address any performance issues identified.	Construction	Kunama accommodation facility (AC07) and Tarcutta accommodation facility (AC03)	

Reference	Impact	Mitigation measure	Timing	Relevant location	Where addressed
AQ2	Vehicles and machinery emissions	All vehicles and machinery will be maintained in accordance with manufacturer's specifications.	Construction	All locations	
AQ3	Vehicle movements	Dust generation from project-related traffic movements on unsealed roads and access tracks (routes) in proximity to sensitive receivers will be visually monitored. Where dust from project- related traffic movements is impacting or has the potential to impact the sensitive receivers, measures to minimise dust emissions and potential associated amenity impacts will be implemented where practicable and appropriate.	Construction	Kunama accommodation facility (AC07) and Tarcutta accommodation facility (AC03)	
Climate change and greenhouse gas					
CC2	GHG emissions	Options that will be considered during Infrastructure Sustainability Council(ISC) rating design review include energy efficient and passive design features for substation and worker accommodation facility buildings including air conditioning, lighting, low-flow fittings and solar power.	Detailed design	Substations and worker accommodation facility	Sustainability Management Plan
CC3	GHG emissions	Options to minimise transport distances between construction compounds, accommodation facilities and work sites will be considered, for example utilising vehicle pooling / mini buses and sourcing equipment and materials locally where practicable.	Detailed design	Kunama accommodation facility (AC07) and Tarcutta accommodation facility (AC03)	Sustainability Management Plan
CC4	GHG emissions	GHG emissions and associated activity data will be tracked and recorded to assist in identifying key emission sources and appropriate targeting of mitigation measures, as well as to provide learnings for other projects and demonstration of Infrastructure Sustainability (IS) Rating compliance.	Construction and operation	Kunama accommodation facility (AC07) and Tarcutta accommodation facility (AC03)	Sustainability Management Plan
Waste					

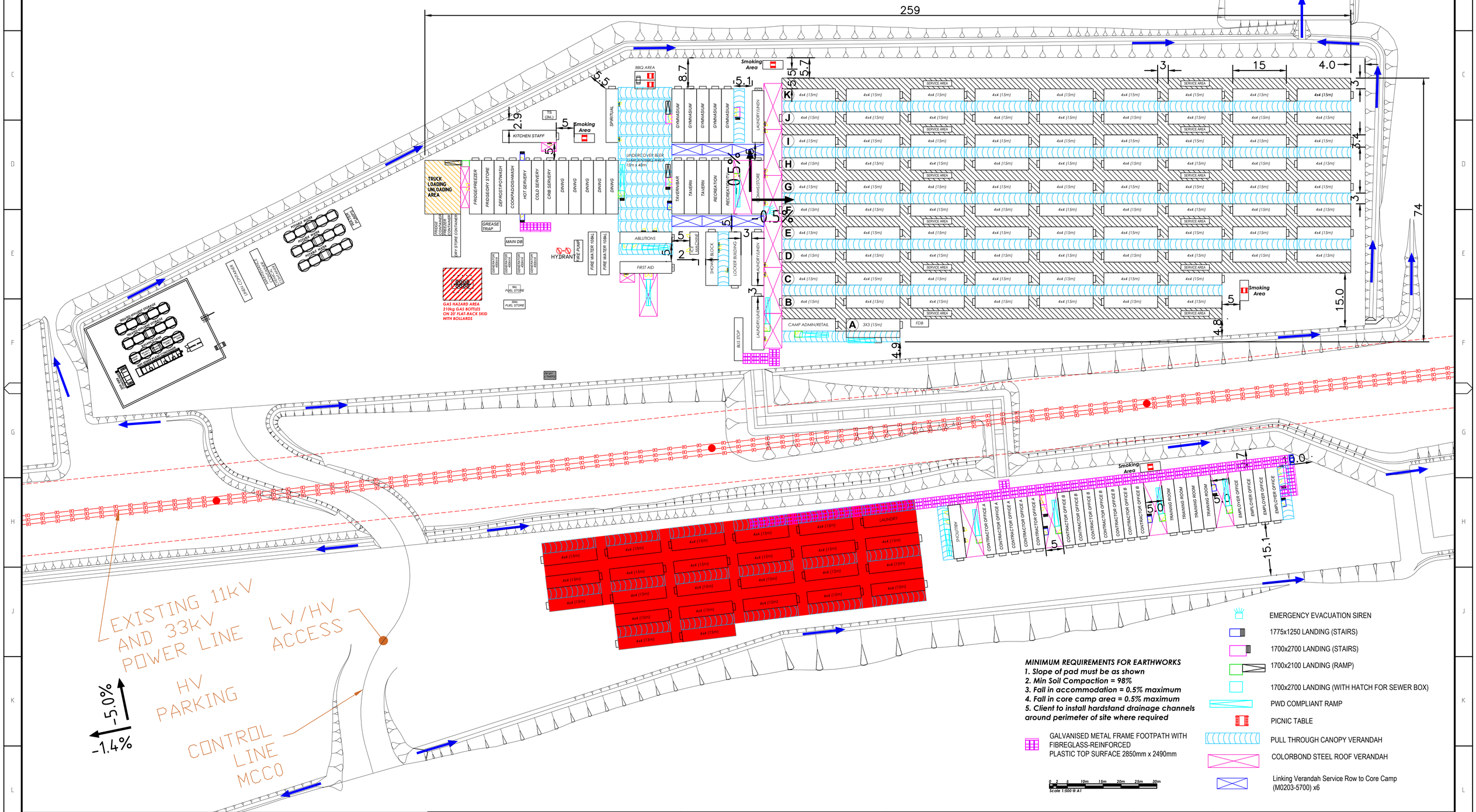
Reference	Impact	Mitigation measure	Timing	Relevant location	Where addressed
W1	Resource management	The resource management hierarchy principles established under the WARR Act of avoid, reduce, reuse, or recycle with disposal as the last resort will be applied to further development, construction and operation of the project.	Detailed design, construction and operation	All locations	Waste Management Plan
W2	Stockpiling of wastes	Stockpiled wastes, where required, will be: • Appropriately segregated to avoid mixing and contamination • Appropriately signposted • Appropriately stored in accordance with Managing Urban Stormwater – Soils and Construction (Landcom, 2004) • Less than three metres in height with an appropriate height to length batter ratio • Located as far away as reasonably practicable from sensitive receivers, ecological areas and waterways	Construction	All locations	Waste Management Plan Soil and Water Management Plan
W3	Storage and transport of waste	All waste will be assessed, classified, managed, and disposed of in accordance with the *Waste Classification Guidelines* (NSW EPA 2014b). Waste will be appropriately transported, stored and handled according to their waste classification and in a manner that prevents pollution of the surrounding environment. All waste related documentation such as waste classifications, transfer and disposal documentary evidence will be held by the proponent for a minimum of seven years from the date the waste is generated.	Construction and operation	All locations	Waste Management Plan
W5	Hazardous waste	Hazardous waste will be managed by appropriately qualified and licensed contractors, in accordance with the requirements of the *Environmentally Hazardous Chemicals Act 1985* and the EPA waste disposal guidelines.	Construction and operation	All locations	Waste Management Plan
Cumulative impacts					

Reference	Impact	Mitigation measure	Timing	Relevant location	Where addressed
CI1	Occurrence of cumulative impacts	Coordination and engagement with proponents and/or construction contractors of relevant future projects will occur during detailed design and construction to confirm the potential cumulative impacts and timing of activities that have potential cumulative impacts. Coordination and engagement will include: • providing regular construction program updates • identifying potential conflict points with other relevant future projects, e.g. proximity of work sites, or shared construction access routes and traffic management requirements developing mitigation strategies in order to manage conflicts that may arise.	Detailed design and construction	All locations	Social Impact Management Plan Noise and Vibration Management Plan

Annexure B. Workers Accommodation Facilities Layout

Figure B.1: General Site Layout – Tarcutta (AC03)

PRELIMINARY
FOR INFORMATION ONLY



REV	REVISION	DATE	DRN	CKD	APC	CLIENT
2	ASBUILT ISSUE	15.10.25	WA	NF		
1	WWTP, VERANDAHS, & OFFICES UPDATED	31.07.25	WA	JLT	FM	
0	APPROVED FOR CONSTRUCTION	19.06.25	JLT	NF	FM	IIA
D	REISSUE FOR APPROVAL	10.06.25	JLT	NF	FM	
C	OFFICES MOVED TO NORTH-WEST AS PER CLIENT REQUEST	29.04.25	JLT	NF	FM	
B	UPDATE LAYOUT & TRANSFORMER RELOCATED	01.04.25	JLT	JH		
A	ISSUE FOR REVIEW	23.08.24	JLT	RL		

REFERENCE DRAWINGS | DRG NO.

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Ph: +61 8 8534 4002 Fax: +61 8 8534 4015
Eml: reception@apcamps.com.au

SCALE	1 : 500
FILE	
DATE	28/01/2025
DESIGNED	
DRAWN	BD
SHEET NO.	1 of 1

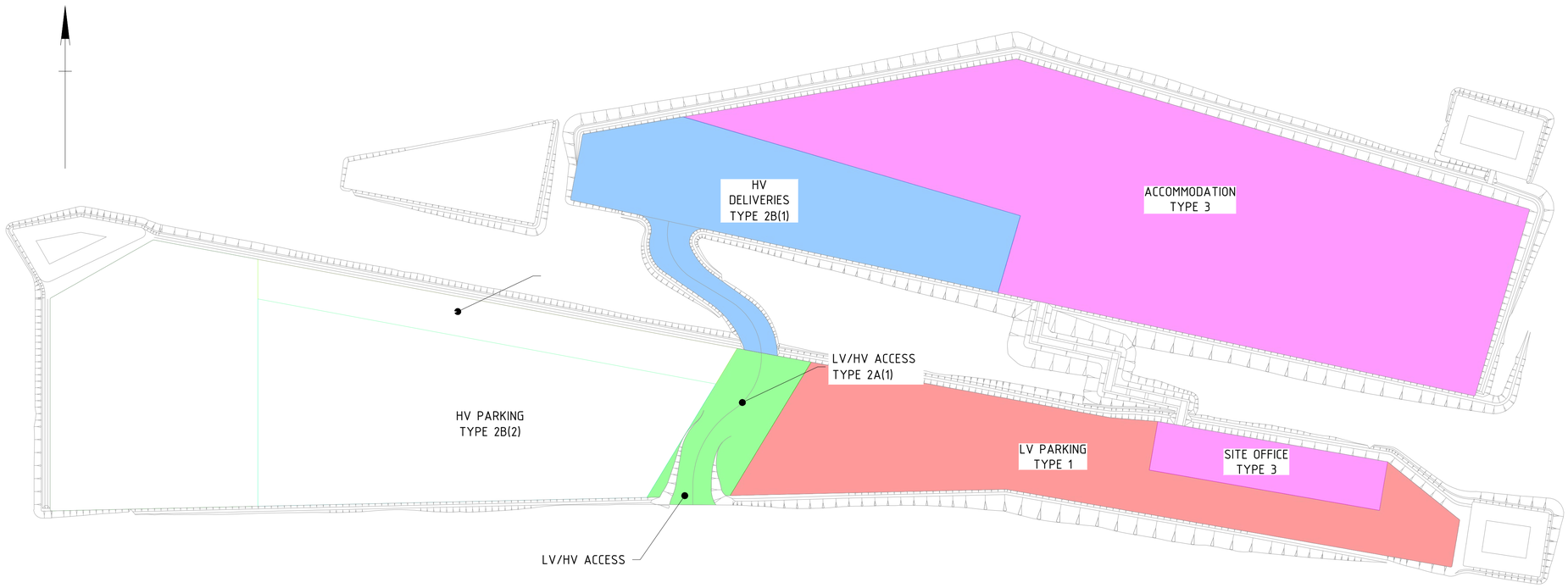
PROJECT: UGL & CPB HUMELINK WEST – TARCUTTA

TITLE: 347 PERSON CAMP LAYOUT GA SITE PLAN – CAMP ALIGNMENT

PROJ_NO.	DRAWING NO.	REV
P1947-1	P1947-1-002	2

A1_DRAWING_SHEET 1 | A1

Figure B.2: Pavement Plan – Tarcutta (AC03)



PRIME AND SINGLE/SINGLE 10mm OR 14mm CLASS 170 SEAL (OR APPROVED EQUIVALENT)

BASE COURSE - 150mm THICK DGB20 (OR APPROVED EQUIVALENT)

PAVEMENT TYPE 1

PRIME AND DOUBLE/DOUBLE 14/7mm CLASS 170 SEAL (OR APPROVED EQUIVALENT) - REFER NOTE 6

BASE COURSE - 150mm THICK DGB20 (OR APPROVED EQUIVALENT)

SUBBASE COURSE - 250mm THICK DGS20 OR DGS40 (OR APPROVED EQUIVALENT) REFER NOTE 4

PAVEMENT TYPE 2A(1)

BASE COURSE - 150mm THICK DGB20 (OR APPROVED EQUIVALENT)

SUBBASE COURSE - 250mm THICK DGS20 OR DGS40 (OR APPROVED EQUIVALENT) REFER NOTE 4

PAVEMENT TYPE 2A(2)

PRIME AND DOUBLE/DOUBLE 14/7mm CLASS 170 SEAL (OR APPROVED EQUIVALENT)

BASE COURSE - 150mm THICK DGB20 (OR APPROVED EQUIVALENT)

SUBBASE COURSE - 150mm THICK DGS20 OR DGS40 (OR APPROVED EQUIVALENT) REFER NOTE 5

PAVEMENT TYPE 2B(1)

BASE COURSE - 150mm THICK DGB20 (OR APPROVED EQUIVALENT)

SUBBASE COURSE - 150mm THICK DGS20 OR DGS40 (OR APPROVED EQUIVALENT) REFER NOTE 5

PAVEMENT TYPE 2B(2)

BASE COURSE - 100mm TO 150mm THICK DGS20 (OR APPROVED EQUIVALENT). ALTERNATIVE PAVEMENT - 250mm TO 300mm THICK CLAY SUBGRADE STABILISED WITH MIN. 3% LIME. REFER NOTE 3

PAVEMENT TYPE 3

PAVEMENT TYPES LEGEND

NOTES:

1. PAVEMENT DESIGN TO BE CONFIRMED ONCE ON-SITE TESTING IS AVAILABLE
2. REFER PAVEMENT DESIGN NOTES - DESIGN REPORT TL-799576 SECTION 7.6
3. EXTENTS AND THICKNESS OF PAVEMENT TYPE 3 TO BE ASSESSED AND CONFIRMED BY CONSTRUCTION TEAM ONSITE TO SUIT ACCESS AND TRAFFICABILITY REQUIREMENTS. LIME STABILISED ALTERNATIVE PAVEMENT OPTION SUBJECT TO SUITABLE CLAY SOILS BEING EXPOSED AT SUBGRADE LEVEL.
4. FOR PAVEMENT TYPE 2A THE SUBBASE THICKNESS MAY BE REDUCED TO 150mm IN AREAS WHERE THE SUBGRADE IS SAND OR WHERE THE SUBGRADE IS CLAY AND THE CLAY IS STABILISED WITH 3% TO A DEPTH OF 250-300mm. THE SPRAYED SEAL MAY BE OMITTED ON THE TRACK TO THE BATCH PLANT.
5. FOR PAVEMENT TYPE 2B THE PAVEMENT MAY BE CHANGED TO A SINGLE 200mm THICK LAYER OF DGB20 OR DGS20 IN AREAS WHERE THE SUBGRADE IS SAND OR THE SUBGRADE IS CLAY AND THE CLAY IS STABILISED WITH 3% LIME TO A DEPTH OF 250-300mm.
6. NO SEAL REQUIRED FOR TYPE 2A(1) PAVEMENT FOR BATCH PLANT AREA

20 10 0 20 40 60 80 100

SCALE IN METRES ON ORIGINAL DRAWING AT REDUCTION RATIO 1:1000

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AMENDMENT:

UGL 14-May-25 ISSUE FOR CONSTRUCTION

AMDT	AMENDMENT DETAILS	DESIGN	CHK'D	DRAWN	CHK'D	APP'D	DATE
01	ISSUED FOR CONSTRUCTION - GENERAL AMENDMENTS	TM	SC	TM	SC	KL	14/05/2025
00	ISSUED FOR CONSTRUCTION	TM	SC	TM	SC	KL	13/01/2025
F	DRAFT ISSUE FOR CONSTRUCTION - UPDATE 2	TM	SC	TM	SC	KL	19/12/2024
E	DRAFT ISSUE FOR CONSTRUCTION - UPDATE 1	TM	SC	TM	SC	KL	22/11/2024
D	DRAFT ISSUE FOR CONSTRUCTION	TM	SC	TM	SC	KL	6/09/2024
C	90% ISSUE - NOT FOR CONSTRUCTION	TM	SC	TM	SC		
B	NORTHERN ACCESS LOCATION AMENDED	TM	SC	TM	SC		
A	20% ISSUE - NOT FOR CONSTRUCTION	TM	SC	TM	SC		

UGL A MEMBER OF THE CIMIC GROUP
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DRAWN	TM	13/06/2024
REVIEWED	SC	13/06/2024
VERIFIED	LP	6/09/2024
APPROVED	KL	6/09/2024

APPROVAL STATUS

REFERENCE DRAWINGS

SCALE AS SHOWN

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HUMELINK WEST
SITE FACILITIES
TARCUTTA NORTHERN FACILITIES PADS
PAVEMENT TYPES
PLAN

A1 | TL-799417-18 | 01

PREFIX NUMBER SHEET AMDT

INDEX CLASS'N Jul-24

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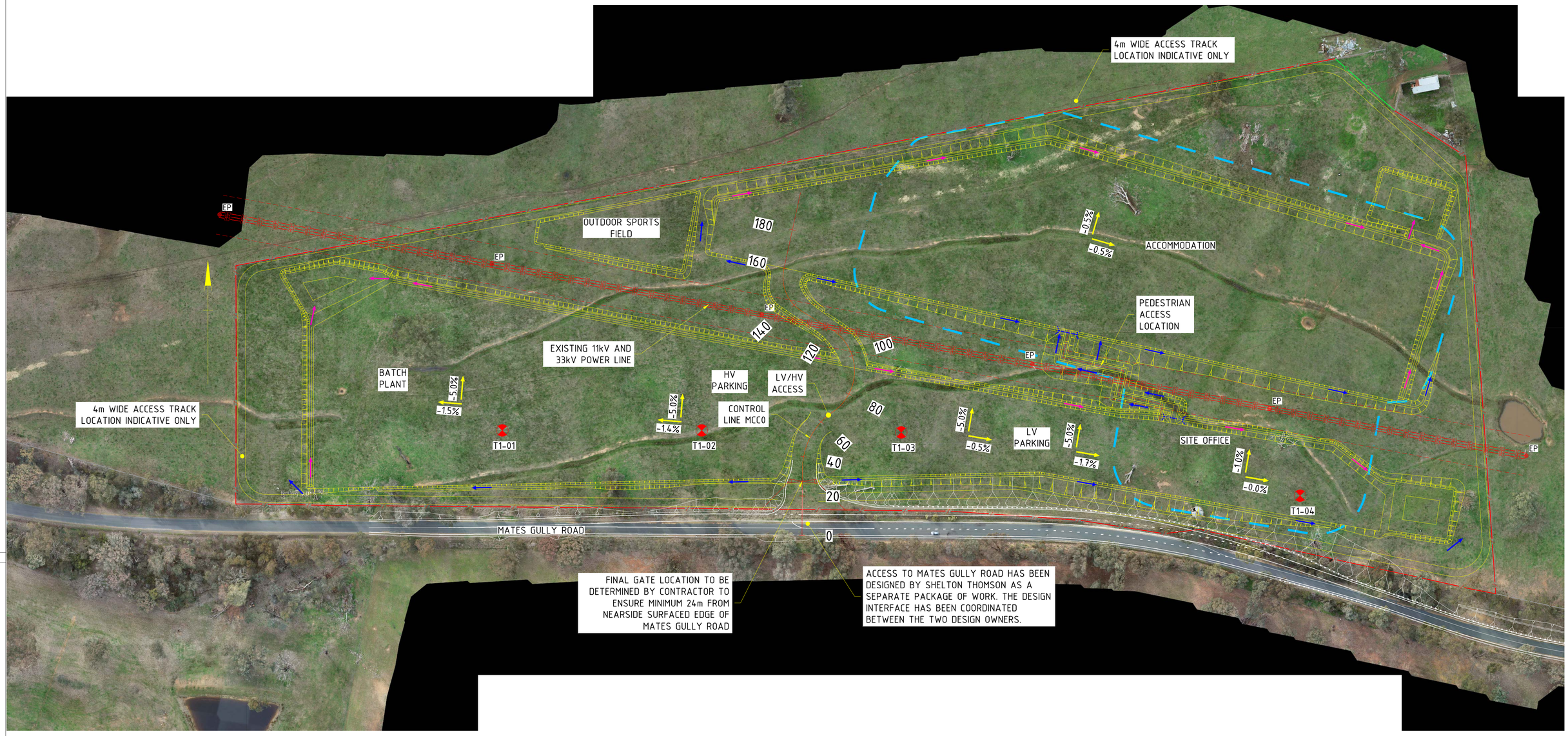
Figure B.3: Site Access – Tarcutta (AC03)



LEGEND

- PROJECT/LEASE BOUNDARY ON FENCE LINE
- PROJECT/LEASE BOUNDARY NOT ON FENCE LINE
- SURVEYED FENCE LINE
- FLOW DIRECTION - CLEAN WATER
- FLOW DIRECTION - AFFECTED WATER
- ROCK LINED DRAINS (REFER NOTE 7)
- BORE HOLE LOCATION
- T1-03 BORE HOLE NUMBER
- EP ESSENTIAL ENERGY POWER LINE AND POLE WITH 20m WIDE CLEARANCE
- ASSET PROTECTION ZONE - REFER NOTE 2

SURVEY ADOPTED FOR THE PURPOSE OF CIVIL DESIGN PROVIDED BY LINKE AND LINKE SURVEYS 06 AUG 2024.

UNVERIFIED LIDAR DATA HAS BEEN PROVIDED FOR GROUND SURVEY OF MATES GULLY ROAD DUE TO ACCESS ISSUES, WITH EXPECTED ACCURACY TO RANGE FROM +/-100mm.

NOTES:

1. PAD LEVELS HAVE BEEN CHECKED AGAINST FLOOD MODELLING AS DETAILED IN FLOOD TECHNICAL MEMORANDUM 'HLW-HLJV-PRW-TA-MEM-000002 - REV C'
2. FOR APZ REQUIREMENT REFER TO LOTE CONSULTING REPORT "390911-HUMELINKWEST-TARCUTTA-LOTEBFAR-REVB-ISSUE" DATED 4 DECEMBER 2024. REFER TO TABLE PAGE 19 OF REPORT FOR OFFSETS USED TO LOCATE THE APZ ON THE DRAWING.
3. REFER TO DRAWING TL-799417-18 FOR PAVEMENT DESIGN.
4. FURTHER BUNDS/DRAINS MAY BE REQUIRED TO DIRECT AFFECTED OVERLAND FLOW TO BASIN. CLEAN WATER TO BE DIVERTED AWAY FROM BASINS.
5. BASIN SIZING AS INDICATED ON LAYOUTS.
6. WHERE ANY FENCING IS TO BE ERECTED WITHIN, ADJACENT OR CLOSE TO ESSENTIAL ENERGY POWER LINES, THE CONTRACTOR IS TO ENSURE THE REQUIREMENTS OF TRANSGRID DOCUMENT "FENCING GUIDELINES - EARTHING AND ISOLATION OF FENCES IN EASEMENTS" IS COMPLIED WITH.
7. FINAL LINING AND PROTECTION OF CHANNELS TO BE DETERMINED BY ON SITE CPESC DURING CONSTRUCTION PHASE ON CONFIRMATION OF INSITU SOIL TYPES AND GRADES.
8. TELSTRA CABLES ALONG MATES GULLY ROAD TO BE LOCATED AND PROTECTED FROM ALL CONSTRUCTION ACTIVITIES PRIOR TO COMMENCEMENT OF WORK
9. THE TOPSOIL AREA LOCATION IS TO BE CONFIRMED ONCE THE CONSTRUCTION TEAM HAS ACCESS TO THE SITE AND ASSESS THE SITE CONDITION IN CONSULTATION WITH TRANSGRID.

DANGER
KEEP CLEAR OF OVERHEAD POWER LINES
CONTACT CAN CAUSE DEATH

20 10 0 20 40 60 80 100
SCALE IN METRES ON ORIGINAL DRAWING AT REDUCTION RATIO 1:1000

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AMENDMENT:

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14-May-25
ISSUE FOR CONSTRUCTION

AMDT	AMENDMENT DETAILS	DESIGN	CHK'D	DRAWN	CHK'D	APP'D	DATE
01	ISSUED FOR CONSTRUCTION - GENERAL AMENDMENTS	TM	SC	TM	SC	KL	14/05/2025
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F	DRAFT ISSUE FOR CONSTRUCTION - UPDATE 2	TM	SC	TM	SC	KL	11/12/2024
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D	DRAFT ISSUE FOR CONSTRUCTION	TM	SC	TM	SC	KL	6/09/2024
C	90% ISSUE - NOT FOR CONSTRUCTION	TM	SC	TM	SC		
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A	20% ISSUE - NOT FOR CONSTRUCTION	TM	SC	TM	SC		

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REVIEWED	SC	13/06/2024
VERIFIED	LP	6/09/2024
APPROVED	KL	6/09/2024

APPROVAL STATUS

REFERENCE DRAWINGS

SCALE AS SHOWN

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HUMELINK WEST
SITE FACILITIES
TARCUTTA NORTHERN FACILITIES PADS
GENERAL ARRANGEMENT
PLAN

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Figure B.4: General Site Layout – Kunama (AC07)

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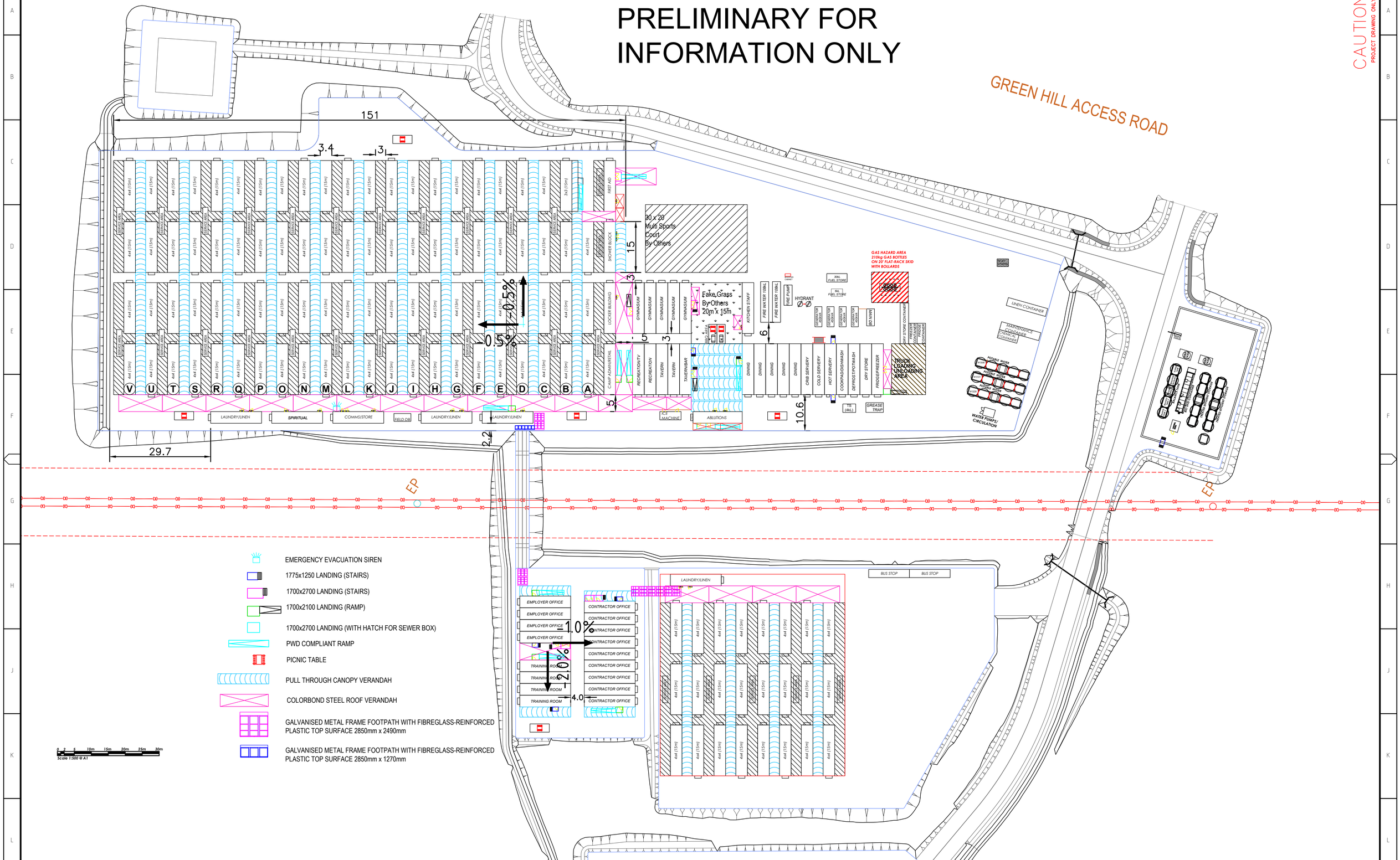

REV	REVISION	DATE	DRN	CKD	APC	CLIENT	REFERENCE DRAWINGS	DRG NO.
2	ASBUILT	06.12.25	WA	NF	FM			
1	OFFICES, GENERATORS & SMOKING AREAS UPDATED	02.08.25	WA	JLT	FM			
0	APPROVED FOR CONSTRUCTION	19.06.25	JLT	NF	FM	IIA		
D	TRANSFER STATION UPDATE	10.06.25	JLT	NF				
C	UPDATE LAYOUT & TRANSFORMER RELOCATED	01.04.25	JLT	JH				
B	CORE CAMP LAYOUT MIRRORED	24.10.24	JLT	SN				
A	ISSUE FOR REVIEW	27.08.24	BD	RL				

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Eml: reception@apcamps.com.au

SCALE	1 : 500
FILE	
DATE	29.01.25
DESIGNED	
DRAWN	BD
SHEET NO.	1 of 1

PROJECT: UGL & CPB
HUMELINK WEST – KUNAMA

TITLE: 347 PERSON CAMP LAYOUT
GA SITE PLAN – CAMP ALIGNMENT

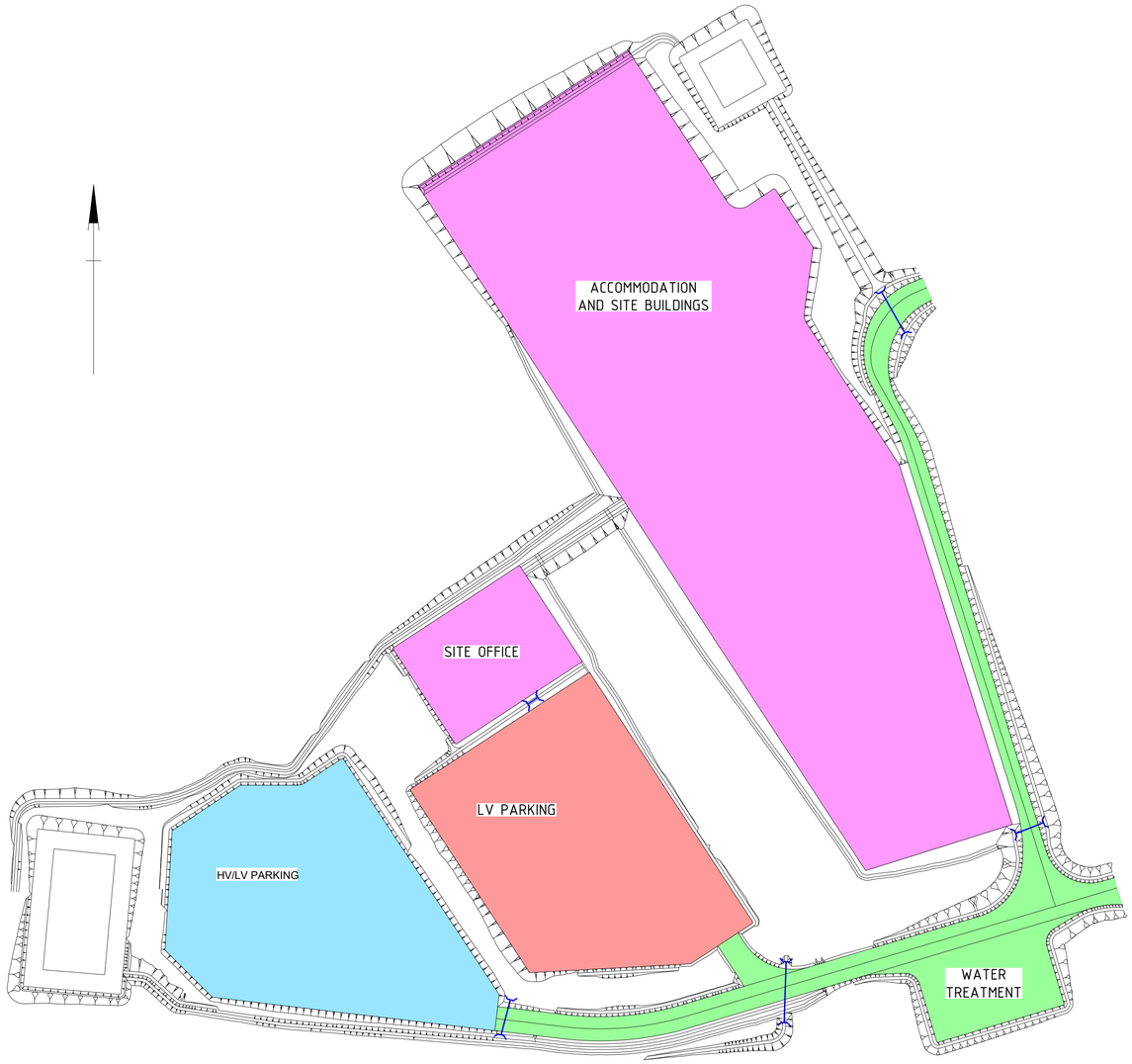
PROJ_NO. P1947-2
DRAWING NO. P1947-2-002
REV 2

A1_DRAWING_SHEET 1
A1

Figure B.4.1: General Site Layout Additional Car Park – Kunama (AC07)

SITE OFFICE
WATER TREATMENT
GREEN HILL ACCESS ROAD
EP
LV PARKING
HV PARKING
PRIME AND SINGLE/SINGLE 10mm OR 14mm CLASS 170 SEAL (OR APPROVED EQUIVALENT)
BASE COURSE - 150mm THICK DGB20 (OR APPROVED EQUIVALENT)
PAVEMENT TYPE 1
BASE COURSE - 125mm THICK DGB20 (OR APPROVED EQUIVALENT)
SUBBASE COURSE - 125mm THICK DGS20 OR DGS40 (OR APPROVED EQUIVALENT) REFER NOTE 4
PAVEMENT TYPE 2B
PRIME AND DOUBLE/DOUBLE 14/7mm CLASS 170 SEAL (OR APPROVED EQUIVALENT)
BASE COURSE - 150mm THICK DGB20 (OR APPROVED EQUIVALENT)
SUBBASE COURSE - 150mm THICK DGS20 OR DGS40 (OR APPROVED EQUIVALENT) REFER NOTE 4
PAVEMENT TYPE 2A

Figure B.5: Pavement Plan – Kunama (AC07)



PRIME AND SINGLE/SINGLE 10mm OR 14mm CLASS 170 SEAL (OR APPROVED EQUIVALENT)

BASE COURSE - 150mm THICK DGB20 (OR APPROVED EQUIVALENT)

PAVEMENT TYPE 1

PRIME AND DOUBLE/DOUBLE 14/7mm CLASS 170 SEAL (OR APPROVED EQUIVALENT)

BASE COURSE - 150mm THICK DGB20 (OR APPROVED EQUIVALENT)

SUBBASE COURSE - 150mm THICK DGS20 OR DGS40 (OR APPROVED EQUIVALENT) REFER NOTE 4

PAVEMENT TYPE 2A

BASE COURSE - 125mm THICK DGB20 (OR APPROVED EQUIVALENT)

SUBBASE COURSE - 125mm THICK DGS20 OR DGS40 (OR APPROVED EQUIVALENT) REFER NOTE 4

PAVEMENT TYPE 2B

BASE COURSE - 100mm TO 150mm THICK DGS20 (OR APPROVED EQUIVALENT). REFER NOTE 3

PAVEMENT TYPE 3

PAVEMENT TYPES LEGEND

NOTES:

1. PAVEMENT DESIGN TO BE CONFIRMED ONCE ON-SITE TESTING IS AVAILABLE
2. REFER PAVEMENT DESIGN NOTES - DESIGN REPORT TL-799576 SECTION 7.6
3. EXTENTS AND THICKNESS OF PAVEMENT TYPE 3 TO BE ASSESSED AND CONFIRMED BY CONSTRUCTION TEAM ONSITE TO SUIT ACCESS AND TRAFFICABILITY REQUIREMENTS.
4. FOR PAVEMENT TYPES 2A AND 2B THE PAVEMENT THICKNESS MAY BE REDUCED SUBJECT TO AN INSITU SUBGRADE ASSESSMENT BY A SUITABLY EXPERIENCED ENGINEER. PAVEMENT THICKNESS MAY BE REDUCED BY UP TO 50mm SUBJECT TO VERIFICATION (VISUAL AND/OR DCP) THAT THE SUBGRADE IS SAND, INSITU CBR >=10% FOR MIN. 1.0m DEPTH AND AREA IS WELL DRAINED.

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UGL
13-May-25
ISSUE FOR CONSTRUCTION

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00	ISSUED FOR CONSTRUCTION	TM	SC	TM	SC	KL	13/01/2025
E	DRAFT ISSUE FOR CONSTRUCTION - UPDATE 1	TM	SC	TM	SC	KL	22/11/2024
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REFERENCE DRAWINGS

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APPROVAL STATUS

SCALE AS SHOWN

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HUMELINK WEST
SITE FACILITIES
KUNAMA FACILITIES PADS
PAVEMENT TYPES
PLAN

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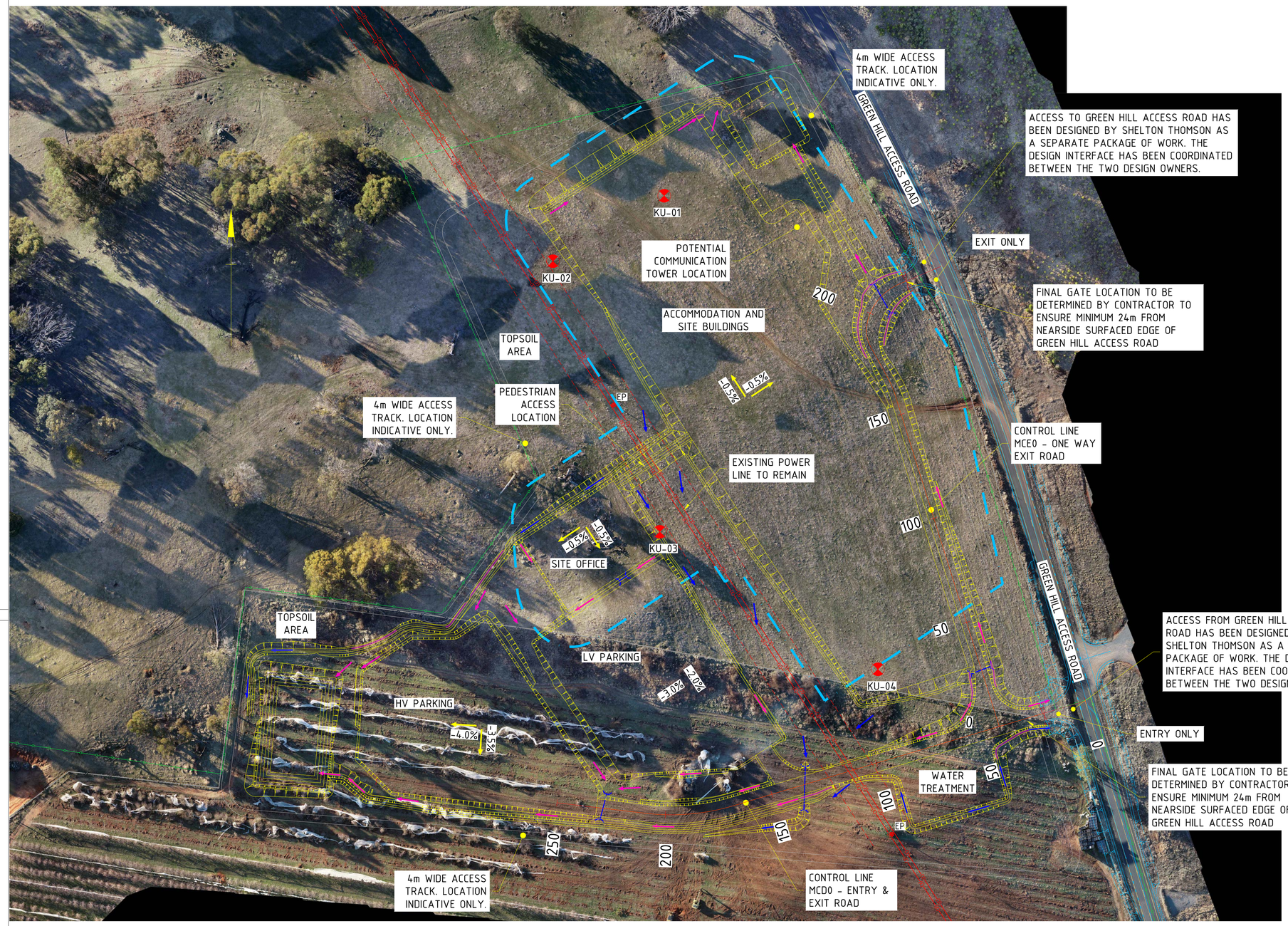
Figure B.6: Site Access – Kunama (AC07)



LEGEND

- PROJECT/LEASE BOUNDARY NOT ON FENCE LINE
- SURVEYED FENCE LINE
- FLOW DIRECTION - CLEAN WATER
- FLOW DIRECTION - AFFECTED WATER
- ROCK LINED DRAINS (REFER NOTE 7)
- BORE HOLE LOCATION
- KU-03 BORE HOLE NUMBER
- EP ESSENTIAL ENERGY POWER LINE AND POLE WITH 20m WIDE CLEARANCE

DANGER
KEEP CLEAR OF OVERHEAD POWER LINES
CONTACT CAN CAUSE DEATH

SURVEY ADOPTED FOR THE PURPOSE OF CIVIL DESIGN PROVIDED BY LINKE AND LINKE SURVEYS 14 AUG 2024.

UNVERIFIED LIDAR DATA HAS BEEN PROVIDED FOR GROUND SURVEY OF GREEN HILL ACCESS ROAD DUE TO ACCESS ISSUES, WITH EXPECTED ACCURACY TO RANGE FROM +/-100mm

NOTES:

1. PAD LEVELS HAVE BEEN CHECKED AGAINST FLOOD MODELLING AS DETAILED IN FLOOD TECHNICAL MEMORANDUM 'HLW-HLJV-PRW-TA-MEM-000002 - REV C'
2. FOR APZ REQUIREMENT REFER TO LOTE CONSULTING REPORT "390911-HUMELINKWEST-KUNAMA-LOTEBFAR-REVB-ISSUE" DATED 4 DECEMBER 2024. REFER TO TABLE PAGE 20 OF REPORT FOR OFFSETS USED TO LOCATE THE APZ ON THE DRAWING.
3. REFER TO DRAWING TL-799417-23 FOR PAVEMENT DESIGN.
4. FURTHER BUNDS/DRAINS MAY BE REQUIRED TO DIRECT AFFECTED OVERLAND FLOW TO BASIN. CLEAN WATER TO BE DIVERTED AWAY FROM BASINS.
5. BASIN SIZING AS INDICATED ON LAYOUTS.
6. WHERE ANY FENCING IS TO BE ERECTED WITHIN, ADJACENT OR CLOSE TO ESSENTIAL ENERGY POWER LINES, THE CONTRACTOR IS TO ENSURE THE REQUIREMENTS OF TRANSGRID DOCUMENT "FENCING GUIDELINES - EARTHING AND ISOLATION OF FENCES IN EASEMENTS" IS COMPLIED WITH.
7. FINAL LINING AND PROTECTION OF CHANNELS TO BE DETERMINED BY ON SITE CPESC DURING CONSTRUCTION PHASE ON CONFIRMATION OF INSITU SOIL TYPES AND GRADES.

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SCALE IN METRES ON ORIGINAL DRAWING AT REDUCTION RATIO 1:1000

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H	DRAFT ISSUE FOR CONSTRUCTION - UPDATE 3	TM	SC	TM	SC	KL	16/12/2024
G	DRAFT ISSUE FOR CONSTRUCTION - UPDATE 2	TM	SC	TM	SC	KL	11/12/2024
F	DRAFT ISSUE FOR CONSTRUCTION - UPDATE 1	TM	SC	TM	SC	KL	22/11/2024
E	DRAFT ISSUE FOR CONSTRUCTION	TM	SC	TM	SC	KL	6/09/2024
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APPROVED	KL	6/09/2024

APPROVAL STATUS

REFERENCE DRAWINGS

SCALE AS SHOWN

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HUMELINK WEST
SITE FACILITIES
KUNAMA FACILITIES PADS
GENERAL ARRANGEMENT
PLAN

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Annexure C. Consultation Report

(separate report, not attached)

Annexure D. WAF Occupancy Rules

HumeLink West Project
Accommodation Village Rules

All guests residing at the HumeLink West (HLW) Accommodation Village, **are expected to** familiarise themselves and behave in line with the enclosed HLW Accommodation Village Rules.

You will be required to sign the Acknowledgement on the last page to confirm your understanding and acceptance of the HLW Accommodation Village Rules prior to checking into your accommodation for the first time or if there are any updates to the HLW Accommodation Village Rules.

1. Hours of operation for Reception/Village Manager's Office: 6 am to 6 pm
2. [Camp Operator] Village Manager is contactable 24/7 on [phone] or [email]
3. Reception/Village Manager's Office is located [location]

July 2024

Rev 1

HumeLink West Project Accommodation Village Rules

1. Introduction

Welcome to the HumeLink West (HLW) Village

The enclosed HLW Accommodation Village Rules have been implemented to promote a safe, peaceful, harmonious environment for all guests residing in the HLW Accommodation Village. The objective of the HLW Accommodation Village Rules is to provide a benchmark for behaviour that must always be observed while at the HLW Accommodation Village.

Village Management reserves the right to amend the HLW Accommodation Village Rules at any time, to ensure these objectives are achieved.

Each resident residing in the Village shall, always, observe and comply with the HLW Accommodation Village Rules and any amendments made to it.

After you have finished reading this document, please sign the Acknowledgement on the final page and return to the Village Manager on duty at the village office.

2. Health and Safety

All residents are required to conduct themselves with the highest regard to the health and safety of themselves and others to ensure a safe, healthy, and respectful environment always. Any willful or negligent act that endangers the safety and well-being of others may result in the withdrawal of accommodation. This decision is at the discretion of the HLW Project Director, in consultation with Village Management.

Safety is every resident's responsibility and unsafe conditions, or practices must be reported to the Village Manager immediately.

1. Fitness For Work

You will be required to present to work and remain fit for work each day in accordance with UGL's Fitness for Work Policy. Employees will be subject to random drug and alcohol testing.

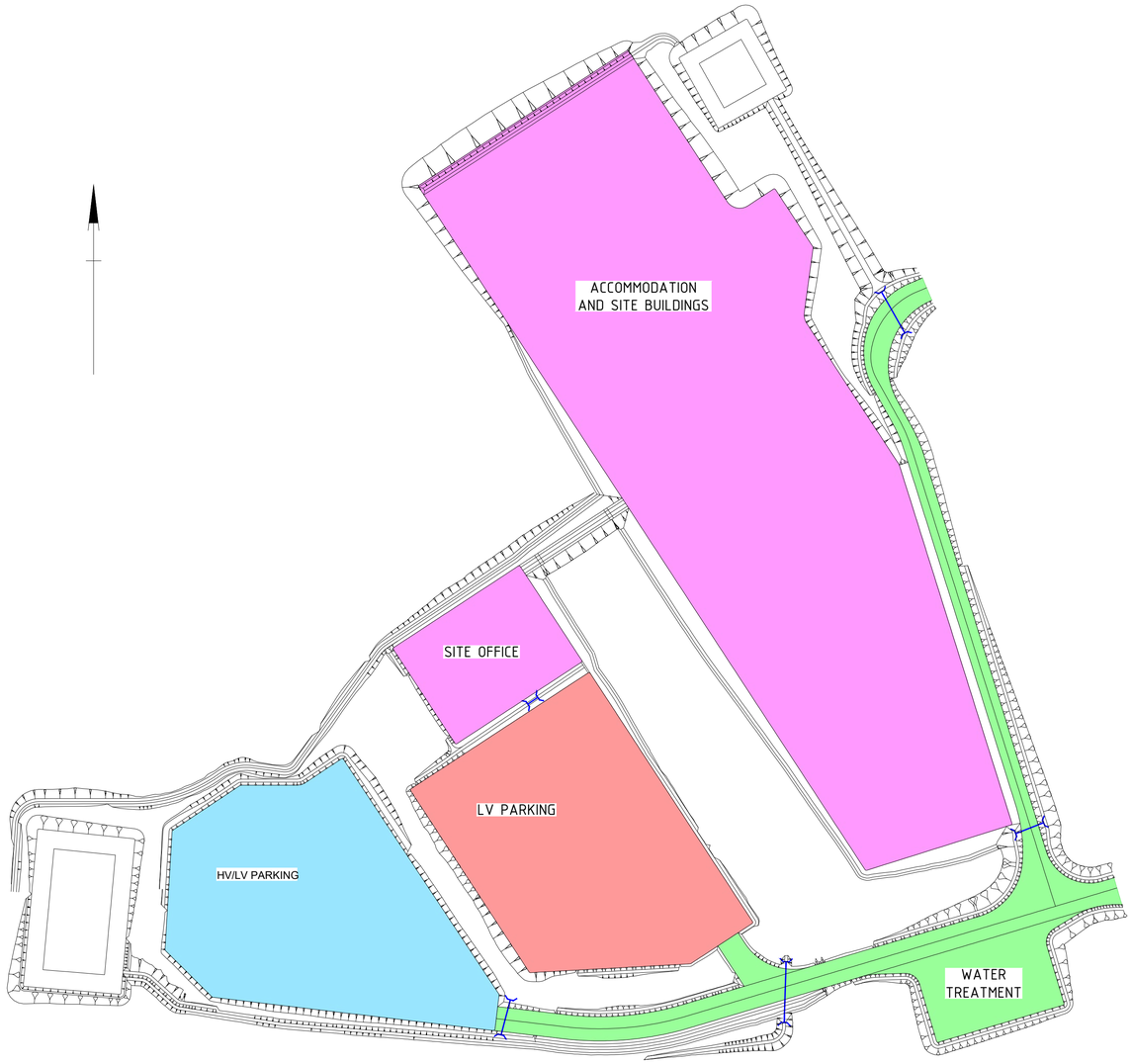
It is UGL's policy that all work locations are required to be drug and alcohol free.

Self-testing alcohol facilities will be available prior to sign on each morning. You are encouraged to use these facilities to assist ensuring you do not go to site in breach of the Fitness for Work Procedure. Employees who return a non-negative BAC reading (i.e. a reading of greater than 0.00) must report the matter to their Supervisor who will discuss the appropriate course of action.

This includes when driving a HLWJV provided vehicle outside of work hours.

2. Emergency Procedures

All residents will have Village emergency evacuation procedures explained to them upon check-in. Emergency evacuation information posters are also located in all accommodation rooms and throughout the Village. Residents should ensure they read and understand the emergency procedures, Village lay-out, evacuation routes, assembly areas and be familiar with alarm



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BASE COURSE - 150mm THICK DGB20 (OR APPROVED EQUIVALENT)

PAVEMENT TYPE 1

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APPROVAL STATUS

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SITE FACILITIES
KUNAMA FACILITIES PADS
PAVEMENT TYPES
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signals in the event of an emergency evacuation. Any posters relating to emergency procedures must not to be removed or obscured. If you notice that this has occurred, this must be reported to the [role title] immediately.

3. Precautions against fire

Firefighting equipment has been strategically placed around the Village as guests are expected to take every precaution against the outbreak of fire. Any misuse, tampering or unnecessary discharging of firefighting equipment will result in disciplinary action.

All firefighting items (including fire alarms) requiring maintenance must be reported to the Village Manager immediately.

Smoking, vaping, cooking and burning incense or candles is prohibited within accommodation rooms. Fire, potential cause of fire and any faults with fire alarms must be reported immediately to the Village Manager.

4. General Hygiene and Sanitation

Residents are required to leave common laundries, toilets, washing and shower facilities in a reasonably clean condition after each use. Unsanitary use of any provided facilities and acts against acceptable hygiene standards will not be tolerated.

Residents shall maintain a high standard of personal hygiene and instances of infectious disease (e.g. COVID), whether real or suspected, shall be reported immediately to the Village Manager to ensure the safety and protection of other residents.

5. Village Rubbish and Waste

Residents are required to place all personal rubbish in the waste bins provided around the village and facilities. There are general waste and recycling bins to the rear of the kitchen that are out of bounds to residents. These are for use by village staff only.

6. Daily Transport

HLWJV will provide all employees transport that will depart to and from accommodation village site daily.

3.0 Accommodation

3.1 Provision of Accommodation

All rooms are strictly one room per person. Those residing in the HLW Accommodation Village are not permitted to swap keys, share rooms or to allow unauthorised guests to live in, stay overnight or eat in the Village without prior approval from the Village Manager.

Village residents are required to reside within the village at all times during their rostered swing, unless attending company sanctioned work shifts or company sanctioned events. Village residents will be unable to leave the village outside of work hours unless for a company sanctioned event.

3.2 Checking-in and Checking out

Those residing in the HLW Accommodation Village must check-in on arrival and check out on departure through the Village Office/Reception. Even If residents are just departing to take a short leave of absence or R & R you must check out appropriately with village management and leave your room key in the return box outside the village office or at reception.

When checking-in, residents must sign the acknowledgment of the HLW Accommodation Village Rules prior to a room key being issued.

Room Keys must be carried with you at all times. If room keys are lost, the loss is to be immediately reported to reception where a spare key will be arranged. Residents will incur a $40 replacement charge for any lost room keys.

All residents checking out and vacating the Village are required to leave their room in the same condition as it was upon check-in less fair and reasonable use and ensure all personal belongings are taken with them. Upon check-out, all residents are required to report to the Village reception to sign the departure report and return their room key.

If willful damage or damage by neglect has been found to the Village's property, the cost of the damage will be paid for by the resident.

If accommodation privileges are withdrawn, for any reason, the resident must vacate the Village immediately.

3.3 Room Servicing

Rooms are serviced at least weekly which includes a full clean and linen change. The Village Manager, maintenance, and Operations staff shall, at all reasonable times, be at liberty to enter resident rooms to carry out cleaning, maintenance, inspections, or to perform work within scope as required.

Each resident will be allocated the following items upon check-in:

1. Two single bed sheets.
2. One mattress protector
3. Coverlet or doona and insert
4. Two pillows and pillow cases and protectors.
5. Two bath towels.
6. One bath mat.
7. One waste bin and Toilet brush
8. One split system air conditioner with remote control
9. One fridge
10. One television and remote control

Upon checking out and vacating the Village, residents are to return all issued items as described above, otherwise charges may be incurred.

Residents are required to maintain their rooms in a clean and hygienic condition between the weekly cleaning service and items to assist in cleaning (i.e. mop, bucket and broom) may be requested from reception.

Residents are responsible for moving all personal belongings they do not wish to be disturbed during the weekly cleaning service. Village Operations will not remove or clear personal belongings but will leave a note for the guest advising why their room has not been cleaned/bed linen replaced. A note will be placed on file and repeat offences will be recorded and the HLW Travel & Accommodation Coordinator contacted.

Rooms that are found to be in an excessively dirty and/or untidy state or deemed by the Village Manager as being unsafe in any way will not be tolerated.

Any comments or feedback regarding housekeeping services performed shall be referred directly to Village Management.

Bedroom furniture is not designed for outdoor use and residents should not use them for such purpose given potential weather and other damage / loss.

No modification, structural alteration, removal or rearrangement of fixtures, equipment, furniture and bedding is permitted without the consent of Village Management. The means of placing pictures, posters, ornaments and other articles to walls or furnishings shall be such that no damage or defacement is caused by placement or removal of such items.

Cost of repairs due to wilful damage to Village property will be charged against the resident/s causing the damage or their employer.

9.2.1. 3.4 Reporting maintenance and defects

Upon arrival residents must inspect their room and report any damage or maintenance to the Village reception, otherwise the resident is accepting the room in its current condition and will be held liable if there are any damages found.

It is the responsibility of all residents to advise Village Management of any maintenance required via the 'Maintenance Request Forms' available at reception.

Village maintenance carried out by authorised personnel will take place during normal working hours to ensure all accommodation rooms meet safety, hygiene control, cleaning, and maintenance criteria.

Emergency maintenance can be reported directly to Village Manager on [phone].

9.2.2. 3.5 Personal Property

Village Management does not take responsibility for the loss or damage of personal belongings brought to the Village and guests are advised to ensure their contents insurance covers all valuable personal belongings. It is strongly recommended that valuables and money are not left in your room and that your room is locked at all times when not occupied. All alleged incidents of loss or damage must be immediately reported to Village Management.

9.2.3. 3.6 Smoking

In compliance with State and Federal Legislation, smoking/vaping is not permitted within five metres of <u>any</u> buildings in the Village (including guest rooms).

Smoking is only permitted in designated smoking areas located outdoors and away from access doors and windows. Smoking/vaping and non-smoking zones are clearly signed and must be adhered to at all times. Where there is evidence of smoking in accommodation rooms a fee of $150 will apply to residents for cleaning purposes. HLW People & Culture team will also be notified for appropriate disciplinary action.

All cigarette butts are to be disposed of in the designated cigarette butt containers to prevent pollution and contamination to our environment and waterways.

9.2.4. 3.7 Medical Treatment

Please contact the HLW Health & Safety Manager on [mobile] or the Village Manager on [phone] to report all medical issues.

Residents requiring medical attention after hours are to contact the Village Manager on [phone].

4.0 Meals & Dining

Meals will be provided in the dining room during the published times. Meal service will not be provided outside published times unless Village Management has approved prior arrangements.

Residents are required to make their own lunch for work from the selection of crib food supplied during morning dining room operation times.

Removal of hot food from the dining room is against Health Regulations and crockery, cutlery, utensils, and all other catering items are not to be removed from the dining room.

Any comments or feedback as to the quantity, quality or variety of food served are to be directed to Village Management.

For hygiene purposes, guests are requested to wash their hands prior to attending each food service. Minimum dress requirements also apply, and the minimum standard of dress includes a sleeved shirt, shorts or pants and footwear of reasonable cleanliness. Singlets, tank tops and soiled work attire are not permitted. Persons not complying with these hygiene rules will be refused entry to the dining room. Bags, alcohol and smoking/vaping are not permitted in the dining room.

The Village Manager reserves the right to remove residents from the Dining Room for reasons of misconduct and/or intoxication and such behavior may result in the withdrawal of accommodation.

5.0 Alcohol

It is prohibited to consume alcohol in restricted areas of the Village, including but not limited to the dining room, gymnasium, footpaths, roads, reception office, HLW carparks, etc.

Residents are advised to drink responsibly as noisy, disorderly and/or anti-social behavior as listed in Clause 11 & 12, will not be tolerated at any time. To ensure all guests sleep well, our noise curfew, and alcohol cut-off, will be enforced from 9pm each night.

A maximum of four (4) standard drinks will be allowed per Resident per day.

6.0 Vehicles and Parking

All vehicle owners and drivers must comply with the requirements of the Road Transport Act including observing the posted speed limit (10 km shared zone).

11. **All vehicles, including motorcycles** must be parked [location]. No vehicles are permitted to park in the Village area.
12. Unregistered, un-roadworthy, or derelict vehicles are not permitted in the Village area and vehicle repairs shall not be carried out in the village confines.
13. Management do not accept any liability for vehicle or vehicle contents loss or damage.
14. The following Vehicles are permitted to access the Village area;

    a) Emergency Services Vehicles

    b) Vehicles making deliveries to the Village

    c) Vehicles providing services to the Village, such as waste collection.

1. In the interests of safety any vehicle parked in the Village area or found blocking emergency and/or fire equipment will have their vehicle towed at the owner's expense.

7.0 Noticeboards

Project notices must not be placed in any area of the Village except for authorised noticeboards where Village Management has approved. Personal notices such as "wanting to buy or sell" can be placed on the resident's notice board [location]. All notices will be periodically removed.

8.0 Complaints & Feedback

Comments or feedback regarding any service performed by Village Operations should be directed to the Village Manager (not to village operations staff).

Residents are invited to offer constructive suggestions for improvements to the facilities via the Village Manager.

9.0 Workplace Camera Surveillance

Video Surveillance will be conducted at the HumeLink West site and Village complex.

Your privacy is important to us. Access to surveillance footage is restricted to authorised personnel for legitimate business purposes, such as security monitoring, investigations and incident resolution. The surveillance system will not be used for personal employee monitoring.

Surveillance footage will be retained for a limited period, as required by applicable laws and regulations and will be routinely deleted after this period.

If you have concerns or questions relation to surveillance at the Village complex please contact your employer or the HLW team at [email].

10.0 Gymnasium

Entry to the gymnasium is granted after completing the gymnasium induction.

Use of the gymnasium is at your own risk.

Food, drinks and guests under the influence of alcohol are not permitted in the gymnasium.

Appropriate attire and footwear must be worn at all times inside the gymnasium. PPE, thongs, work boots and bare feet are not permitted.

Gymnasium equipment is not to be removed from the gymnasium and any instance will be investigated as theft.

For hygiene purposes, residents must use, a towel always when using the gymnasium and are requested to wipe down equipment after each use using the cleaning sprays and paper towel provided. Additional towels can be requested from reception if required.

11.0 Standards of Behaviour

Village Management are committed to maintaining an environment which is enjoyable for residents as well as safe and free from any form of unlawful or inappropriate behaviour.

Residents are required to behave in a manner which is safe, respectful, and considerate to Village staff and other residents always. This includes adherence to all laws and regulations and exhibiting responsible employee behaviour relevant to the local community and upholding the reputation of the Project. Unacceptable conduct in the local community will not be tolerated and will be treated as serious misconduct. The term 'local community' includes the HLW Accommodation Village, the township of Wagga Wagga, Tarcutta, Kunama and their surrounds, including any transit point i.e. bus stations and airports.

To ensure our residents sleep well, our noise curfew will be enforced from 9:00 pm each night and in the interest of all residents, noise levels shall, always be kept to a minimum.

12.0 Serious Misconduct

The HLW Accommodation Village shall consider the following forms of behaviour as Serious Misconduct.

Behaviour which constitutes Serious Misconduct will be investigated and includes, but is not limited to the following:

2. Possession or use of firearms, weapons, explosives, corrosive or harmful substances of like matter.
3. Possession or use of illicit drugs, synthetic drug substitutes, drug paraphernalia or drug implements.
4. Anti-social behaviour which includes but is not limited to, offensive, intimidating, violent conduct, discrimination, or harassment in any form, stalking or undue attention to Village staff and other residents.
5. Selling merchandise or services in the Village, including prostitution.
6. Cyber crime and Sexual crime
7. Excessive noisy behaviour causing disturbance to others.
8. Illicit trade of alcoholic beverages and/or drugs in any area of the Village (includes selling, keeping for sale or permitting to be sold).
9. Posting material of a sexually explicit nature, graphically violent or offensive materials nature anywhere within the Village grounds.
10. Refusal to adhere to Dining Room and Gym procedures.
11. Gambling or the use of gambling devices.
12. Negligence or wilful acts that cause or have the potential to cause fire.
13. Inappropriate use, misuse, tampering or wilful damage to fire protection and safety equipment.
14. Unsanitary use of any Village and acts against acceptable hygiene standards including urinating outdoors in and around the Village grounds.
15. Inciting or abetting others to commit offences.
16. Conducting or participating in any illegal activity or act (including littering).

17. Defacing, vandalising, wilful damage or interference to company and/or personal property.
18. Theft of, or unauthorised possession of company or personal property.
19. Wilful refusal to comply with safety, security, hygiene, environmental, HLW Accommodation Village Rules and/or instructions.
20. Inhabiting an accommodation room other than the resident's allocated room.
21. Jeopardising Project harmony by displaying banners, stickers, flags or insignia relating to political parties, lobby groups, special interest groups or other associations that could offend others.
22. Smoking/vaping outside of the designated smoking areas; smoking in any building, cooking, burning of candles (naked flames) or burning incense in any accommodation area.
23. Keeping or feeding pets or wild animals anywhere in the Village.
24. Trespassing on any restricted access areas.
25. Bringing unauthorised visitors into the Village.
26. Unauthorised use of Company communications, internet or telephones.
27. Undertaking oil changes and other lubrication work that has the potential to cause environmental damage.
28. Failure to comply with lawful and reasonable instructions (including refusal to present identification when requested).
29. Disregarding the general duty of care and placing the safety and health of residents, staff, the community and the environment at risk;
30. Refusal to abide by the reasonable directions of Emergency and Law Enforcement Personnel.
31. Any form of serious misconduct will lead to disciplinary action, including the withdrawal of my accommodation and/or termination of employment.

13.0 Prohibited Items

To ensure the safety, comfort and enjoyment of all residents, the following are prohibited on Village grounds:

32. Possession or use of firearms, weapons, explosives, corrosive or harmful substances of like matter.
33. Possession or use of illicit drugs, synthetic drug substitutes, drug paraphernalia or drug implements.
34. Glassware, including glass containers and vessels of any kind.
35. The keeping of pets or other wild animals is prohibited, except where guests require the assistance of a hearing or sight dog.
36. Any illegal items, implement, subject matter whatsoever.
37. Any fuel, vehicle batteries, oils in any container also fuel powered motors i.e. generators.
38. Displaying on any wall or placing in public view, including your accommodation room, pornographic, sexually explicit and/or culturally sensitive material or material of a like nature which could potentially offend others.
39. The use of kitchen appliances, immersion heaters and bar heaters is not permitted.

14.0 Security and Community

Access shall be restricted to authorised personnel only, identified by appropriate HLWJ issued access cards.

On entering the HLWJV provided accommodation you agree to the following:

1. Producing Identification on request of HLWJV Management, Accommodation Management, Security or Village staff;
2. Following reasonable instructions of Camp, HLWJ Management or Accommodation staff;

3. Between 9pm and 6am maintaining a quiet demeanour and producing minimal noise;
4. Adhering to the Visitor Pass policy including, no overnight stays, no visitors on Saturdays, no visitor access to facilities and mandatory signing in and out at the security gate (if mandated by Camp T&C's);
5. Being considerate of our neighbours in the Regional Communities of New South Wales;
6. Accepting the Responsible Service of Alcohol rules.

UGL/ CPB understands that, wherever we operate, we potentially impact the local community. We are committed to building relationships and working collaboratively with the communities in which we work. UGL / CPB employees on the Project are expected to behave in a manner that will minimise social impact within the community.to ensure that the Project retain a positive reputation. This includes:

7. Engage with and support community activities and local businesses
8. Respect the land, Traditional Owners and other Aboriginal and Torres Strait Island people
9. Appreciate the different ethnic and cultural backgrounds of people in the community and on the Project
10. Behave in a manner that shows respect to others
11. Accept responsibility for their own behaviour
12. Follow local laws and regulations and cooperate with local authorities
13. Respond positively to community feedback and matters raised
14. Positively support and contribute to any investigation of breaches of the above-mentioned commitments.

14.0 Acknowledgement of the HLW Accommodation Village Rules

By signing the HLW Accommodation Village Rules, I the undersigned;

15. Acknowledge that I have read, understand, and accept the HLW Accommodation Village Rules (including camera surveillance).
16. Agree to comply with the HLW Accommodation Village Rules for the duration of my employment on the HLW.
17. Acknowledge that the HLW Accommodation Village Rules may be varied from time to time and that any such future changes will be communicated to me.
18. Understand that failure to comply with the HLW Accommodation Village Rules may lead to disciplinary action, including the withdrawal of my accommodation and/or termination of employment.
19. Acknowledge that I am being provided with lodging and boarding as part of my employment and such, right to lodging and boarding will immediately end when my employment on the Project ends.
20. Acknowledge that the HLW Accommodation Village Rules applies to my behaviour at the Village, whilst travelling to and from work, and in the local community.

Full Name of Resident: (Print Clearly)	
Residents Signature:	
Date:	
Company:	