



ANNEXURES

**Ordinary Council Meeting
Under Separate Cover
Wednesday, 13 March 2024**

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1. Application Details Summary

Development Application No:	DA040/2023
Description of Development:	Construction of 26 Cattle Pens and expansion of existing manure pad
Applicant:	Rural Marketing Australia Pty Ltd
Landowner's consent provided:	Yes
Local Government Authority:	Coonamble Shire Council
Determining Authority:	Coonamble Shire Council

2. Property Description Summary

Legal Description:	Lot 119 DP754199 and Lot 113 DP754199
Land Area:	381.1 ha
Existing Improvements:	Intensive Livestock Agriculture (Cattle Feedlot)
Current land-use:	Zoned RU1 Primary Production

3. Executive Summary

DA040/2023 is for the construction of 26 new feedlot pens on the eastern side of the existing feedlot. The purpose of the new pens is to facilitate the repair of the existing pens by providing additional holding yards for cattle. This application will not result in the increase in the number of cattle currently approved for the site (10,000 head). The manure pad will be extended on the western side of the existing pens into Lot 113 DP754199. The site currently comprises an existing feedlot on Lot 119 DP 754199. Land surrounding the site is zoned RU1 Primary Production under Coonamble Local Environmental Plan 2011.

In accordance with the *Environmental Planning and Assessment Act 1979*, the proposal is local development and Council is the consent authority. The assessment of the proposal concludes the development documentation has been completed to a standard that allows a thorough assessment of the proposed emergency services facility. Site inspection has verified the proposal can be carried out to meet the requirements of the Building Code of Australia. The proposed development is assessed to be consistent with the Coonamble Local Environmental Plan 2011 and all relevant State Environmental Planning Policies. The proposal fits in the locality and there are no significant impacts on the site or on adjacent lands and roads that cannot be properly addressed through appropriate conditions of consent.

It is recommended that the development application be approved, subject to appropriate conditions listed in this report.

4. Site and Locality Description

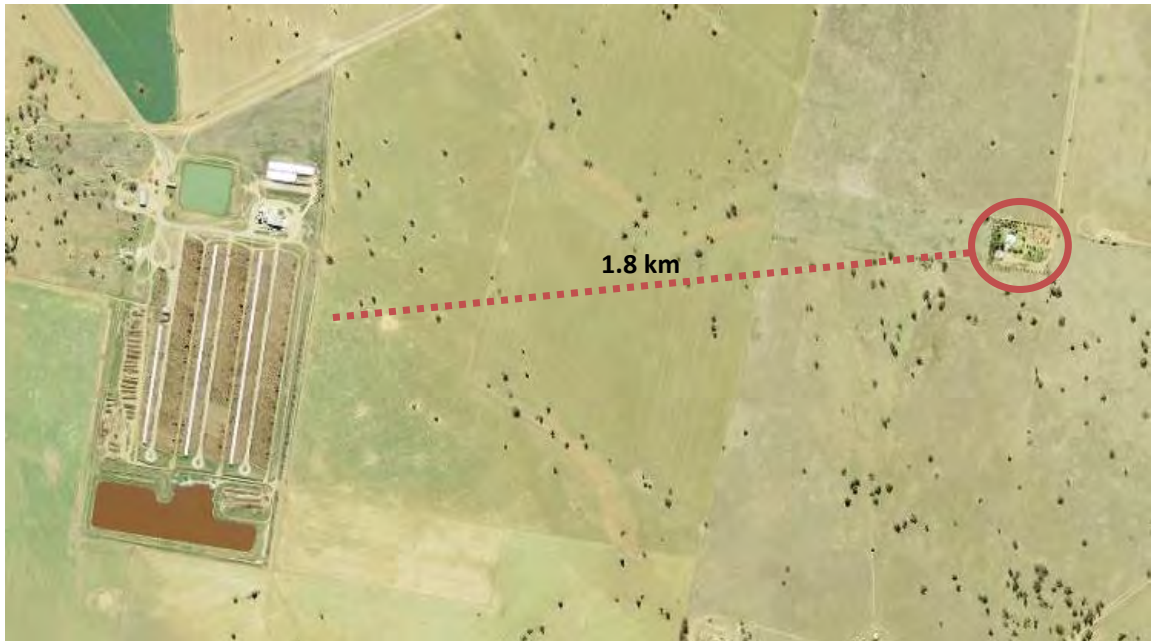
4.1. General Site Description

The site of the proposed development is freehold land that is described above. Maps showing the subject site in relation to the surrounding road network and locality are shown below.



Figure 1 – Source SIX maps

The subject site is approximately 381.1 hectares in area. The subject lot currently has access to Quambone Road, which is a sealed road. The subject site is relatively flat and contained on the site is a large dam, feed processing shed, weighbridge and office, covered car parking, workshop and manure pad.

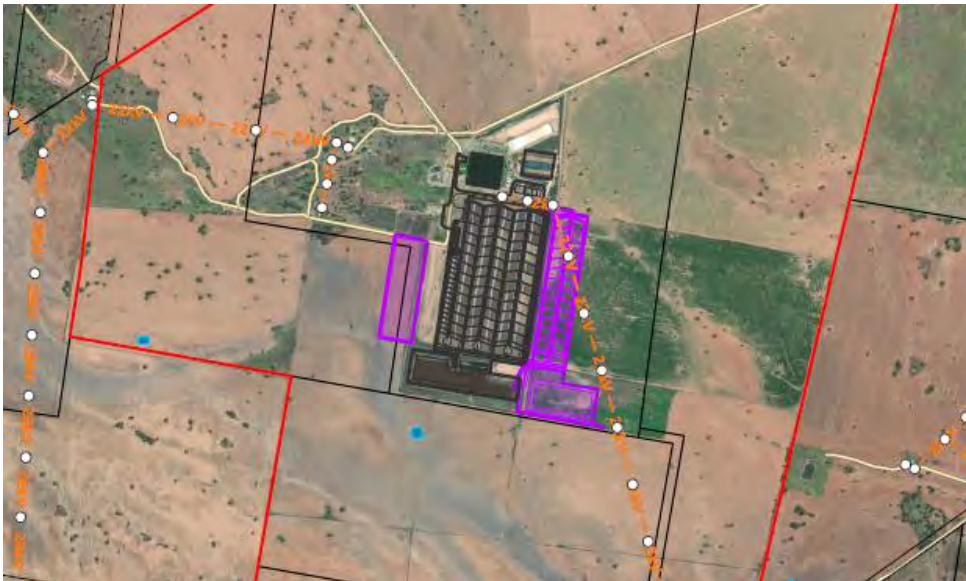


4.2. Surrounding Land-use

The subject site and surrounding land are zoned RU1 Primary Production under Coonamble Local Environmental Plan 2011. The site is located on Quambone Road. Adjacent land uses are agricultural with the nearest sensitive receiver located 1.8 kilometres from the site of the proposed new pens.

5. Description of Proposed Development

The proposal is for the construction of an additional 26 pens located to the east of the existing feedlot facility and the existing manure pad that is located to the west will also be expanded.



6. Environmental Planning Assessment

Section 4.15 of the *Environmental Planning and Assessment Act 1979* provides the matters for consideration in the assessment of development proposals. An environmental planning assessment of the proposed building is documented in this section.

6.1. S4.15(1)(a)(i) The provisions of any environmental planning instrument

6.1.1. Coonamble Local Environmental Plan 2011

The Coonamble Local Environmental Plan 2011 applies to all land within the Coonamble Local Government Area. The site of the proposed development is zoned RU1 Primary Production under the Coonamble Local Environmental Plan 2011. The Land Use Table for the RU1 Primary Production zone permits feed lots which are a type of intensive livestock agriculture. .

Clause 2.3(2) of Coonamble Local Environmental Plan 2011 provides that the consent authority shall have regard to the objectives for development in a zone when determining a development application in respect of land within the zone. The objectives of the RU1 zone are:

- To encourage sustainable primary industry production by maintaining and enhancing the natural resource base
- To encourage diversity in primary industry enterprises and systems appropriate for the area.
- To minimise the fragmentation and alienation of resource lands
- To minimise conflict between land uses within this zone and land uses within adjoining zones.

The proposed development will facilitate the upgrade of an existing agricultural enterprise by allowing for the movement of cattle to enable repairs to be undertaken to the existing infrastructure. The application does not seek approval for an increase in the number of cattle permitted at the feedlot.

The following provisions of the Coonamble Local Environmental Plan 2011 have been especially considered in the assessment of the proposal:

Clause 5.18 Intensive Livestock Agriculture

This clause seeks to ensure that appropriate environmental assessment of development for the purpose of intensive livestock agriculture is undertaken. The matters to be addressed include: adequacy of environmental assessment, odours, pollution of surface water and ground water, degradation of soils and any proposed adverse impacts. and provides for intensive livestock agriculture to be carried out without consent in limited circumstances.

Intensive livestock agriculture is permissible with development consent in the RU1 Primary Production zone. As the proposal does not involve any increase in stock numbers it is not considered that odour will be a significant issue as a result of this development. Impacts on surface water during construction will be managed by the imposition of conditions. There are no changes proposed the existing sediment and effluent ponds and it is considered that the construction of the new pens will not adversely impact groundwater.

Clause 6.5 Essential services

Development consent must not be granted to development unless the consent authority is satisfied that any of the following services that are essential for the proposed development are available or that adequate arrangements have been made to make them available when required:

- The supply of water.
- The supply of electricity.
- The disposal and management of sewage.
- Stormwater drainage or on-site conservation.
- Suitable road access.

Suitable road access is available from Quambone Road. Stormwater impacts are not considered to be significant and can be managed by the imposition of standard conditions. It is considered that all required utility services are available to the site.

The application was referred to Essential Energy who have raised no concerns with the application and have advised that arrangements are in place to relocate the existing powerline that traverses the site.

Clause 6.7 Earthworks

The main objective of this clause is to ensure that earthworks for which development consent is required will not have a detrimental impact on environmental functions and processes, neighbouring uses, cultural or heritage items or features of the surrounding land. Before granting development consent for earthworks, Clause 6.7(3) requires consideration of the following matters:

- The likely disruption of, or any detrimental effect on, existing drainage patterns and soil stability in the locality.
- The effect of the proposed development on the likely future use or redevelopment of the land.
- The quality of the fill or the soil to be excavated, or both.
- The effect of the proposed development on the existing and likely amenity of adjoining properties.
- The source of any fill material and the destination of any excavated material.
- The likelihood of disturbing relics.
- The proximity to and potential for adverse impacts on any waterway, drinking water catchment or environmentally sensitive area.

Earthworks are proposed as part of this application for the construction of 26 new pens. The matters for consideration are addressed as follows:

- It is considered that the proposed earthworks will not significantly impact soil stability as appropriate sediment and erosion controls will be in place during construction.
- The likely future use of the land is for agricultural purposes, it is considered that the proposed earthworks will facilitate the ongoing use of the land for the purposes of intensive livestock agriculture.
- There will be no fill imported onto the site, all fill will be sourced from the proposed development site.
- It is not considered that the proposed earthworks will have a detrimental effect on the amenity of adjoining properties.
- All fill is proposed to be sourced from the site. No excavated material will leave the site.
- A conditions will be applied that will detail the steps to be taken should any relics be uncovered during the proposed earthworks.
- The site is not within a mapped drinking catchment, environmentally sensitive area or natural watercourse.

6.1.2. State Environmental Planning Policies

The following SEPPs are specifically relevant to the assessment of the proposed development:

SEPP – Planning Systems 2021

The Planning Systems SEPP identifies significant development and infrastructure and confer functions on Regional Planning Panels to determine development applications. The proposal is not classified as 'State Significant Development' or 'Regional Development' and is being assessed and determined by the Coonamble Shire Council as local development.

SEPP – Biodiversity and Conservation 2021

The Biodiversity and Conservation SEPP aims to protect the biodiversity values of trees and other vegetation in non-rural areas of the State and preserve the amenity of non-rural areas of the State through the preservation of trees and other vegetation. Provisions protecting bushland, trees, heritage items, waterways, wetlands and koalas are included in the SEPP. There are no issues or requirements under the SEPP that apply to the proposed development.

SEPP – Transport and Infrastructure 2021

The Transport and Infrastructure SEPP provides a consistent planning regime for infrastructure and the provision of services and public works across NSW, along with providing for consultation with relevant public authorities during the development assessment process.

The proposed development is not traffic generating development as defined under Schedule 3 of the SEPP and is not development that has implications for main roads or railways. Consultation with Transport for NSW is not a requirement under the SEPP.

Section 2.48 the SEPP requires consideration of electricity supply requirements, where the development is:

- Within or immediately adjacent to an easement for electricity purposes (whether the electricity infrastructure exists).
- Immediately adjacent to an electricity substation.
- Within 5m of an overhead power line.
- Includes installation of a swimming pool any part of which is: within 30m of a structure supporting an overhead electricity transmission line and/or within 5m of an overhead electricity power line.
- Placement of power lines underground.

There are no issues or requirements under the SEPP that apply to the proposed development. Arrangements are in place to relocate the overhead electricity transmission line that traverses the site of the new pens.

SEPP – Resilience and Hazards 2021

This SEPP requires that a consent authority must consider the contamination potential of the land, and if the land is contaminated, it is satisfied that the land is suitable for the development in its contaminated state, or that appropriate arrangements have been made to remediate the site prior to the development being carried out. A search of the NSW contaminated land register does not show the site as contaminated land. There are no issues or requirements under the SEPP that apply to the proposed subdivision. No further investigations / actions are considered necessary.

6.2. S4.15(1)(a)(ii) any proposed environmental planning instrument

There are no draft LEPs or draft SEPPs that apply to the subject land.

6.3. S4.15(1)(a)(iii) any development control plan

The Coonamble Shire Council Development Control Plan No. 3 – Small Cattle Feed lots applies to the subject land. Assessment of the proposal against the DCPs reveals the proposed complies with all relevant standards and requirements.

The minimum requirements of the DCP are addressed below:

Minimum Requirements		
Buffer Zones		
Development Type	DCP Requirement	Development
Nearest Occupied Dwelling	1 km	1.8 km
Nearest Urban Area	3 km	7.5 km
Existing or New Feedlot	5 km	N/A
Proximity to Waterways and Underground Supplies		
Ground and Soil Conditions	DCP Requirement	Development
Dry Watercourse		
Impervious and site slopes away from watercourse	100 metres	300 metres
Impervious and site slopes toward watercourse	200 metres	N/A
Pervious	2 km	N/A
Permanent Watercourse		
All ground and soil conditions	2 km	3.9 km
Topography		
Description	Comment	
Minimum slope 1 %	No changes are proposed to the existing landform and detention ponds.	
Feedlots are to be surrounded by a bank to contain runoff	Drainage works are proposed that will comply with this requirement.	

Plans & Calculations provided for construction of detention and siltation ponds.	The proposed development does not involve the construction of additional ponds.
Waste Management and Feedlot Operation	
Description	Comment
Development is to be carried out in accordance with EPA guidelines and the Feedlot Advisory Manual issue by DPI.	The proposed development will continue to operate in accordance with the existing Environmental Protection Licence and State Govt requirements.
Other Considerations	
Description	Comment
Consideration of State and Federal authorities in respect of air and water pollution, planning, traffic management and any other matter.	The application has been assessed under the requirements of s4.15 of the Environmental Planning and Assessment Act 1979 and as such State and Federal Government interests are considered.
Statement of Environmental Effects	
Description	Comment
A Statement of Environmental Effects is to be presented to Council.	A Statement of Environmental Effects was submitted with the development application.

6.4. S4.15(1)(a)(iia) any planning agreement or any draft planning agreement

There are no formal planning agreements relating to the site. The applicant has not requested Council to enter into any form of planning agreement.

6.5. S4.15(a)(iv) the regulation

Section 61 of the Environmental Planning and Assessment Regulation 2021 specifies additional matters that must be taken into consideration by a consent authority in determining a development application. Consideration of these matters is included below:

- Building Demolition – N/A
- Subdivision order – N/A
- Dark Sky Guidelines – Standard condition to be applied.
- Manor House or Multi Dwelling Housing – N/A
- Ancillary aspects of development - Not relevant to the proposal.
- Fulfilment of BASIX commitments - The proposal is not a BASIX affected development.

6.6. S4.15(1)(b) the likely impacts on the natural and built environment(s) and the likely social and/or economic impact on the locality.

6.6.1. Context and Setting

The proposal is for the construction of an additional 26 pens at an existing cattle feedlot. The site is located approximately 7 kilometres from Coonamble. Surrounding land uses are agricultural with broadacre farming and cattle grazing being predominant land uses. The landscape in the vicinity of the site is relatively flat, and the site is located approximately 4 kilometres from the Castlereagh River. It is not considered that the proposed development will have a significant impact on the visual amenity of the area given that it is setback 2 kilometres from Quambone Road. It is assessed that the proposal does not significantly alter the existing context and setting of the area.

6.6.2. Land Use Conflict

The subject land is zoned RU1 Primary Production. Potential land-use conflicts with sensitive receptors are typically caused by environmental nuisance in the form of dust, noise, odour, and visual impacts.

It is not considered this development will significantly increase the potential for land use conflict.

6.6.3. Access and Traffic

The subject land has access to Quambone Road. Traffic movements will not be significantly increased as a result of this development.

6.6.4. Public Domain

The proposed development will not compromise the availability and enjoyment of public recreational opportunities in the locality. No adverse impacts are assessed.

6.6.5. Utilities

No adverse impacts are assessed. Overhead electricity line to be relocated.

6.6.6. Heritage

It is assessed that the proposed development will have no adverse effects on the heritage significance of the area or impacts on heritage items, conservation areas or Aboriginal objects or places of heritage significance. A condition will be applied that details steps to be undertaken should any Aboriginal artefacts be discovered during construction.

6.6.7. Other land resources

The proposal will not alter the topography and soil resource because of the disturbance activities. The proposed development will not affect any water supply catchments.

6.6.8. Bushfire

The site is not mapped as comprising bushfire prone land.

6.6.9. Surface Water

The Gidgenbar Watercourse is located 300 metres to the west of the existing feedlot. No adverse impacts are assessed.

6.6.10. Groundwater

The proposal does not include the extraction of groundwater or any operations likely to impact on the quality of groundwater. No adverse impacts are assessed.

6.6.11. Soils

No substantial earthworks are proposed. No adverse impacts are assessed.

6.6.12. Air & Microclimate

There are no operations proposed that would generate air pollution or dust nuisance. No adverse impacts are assessed. Condition to be applied to manage dust during construction.

6.6.13. Noise and Vibration

There are no operations proposed that would generate noise pollution. No adverse impacts are assessed. Condition will be applied to manage noise during construction.

6.6.14. Flora and Fauna

The proposal does not involve any clearing of vegetation. No impacts are assessed.

6.6.15. Waste

A condition will be applied to address waste generated during construction. Effluent during operations will be serviced by a proposed separate sediment basin that will collect effluent and discharge to the existing holding pond. Run off from the proposed manure pad extension will discharge directly to the existing holding pond and reuse area.

6.6.16. Natural Hazards

The site is not identified as flood prone or prone to landslip by any planning instrument. No impacts are assessed.

6.6.17. Technological Hazards

There have been no technological hazards identified on the site.

6.6.18. Safety Security and Crime Prevention

Public safety risks associated with unauthorized access to the site are low. The proposal does not pose a safety security or crime prevention risk.

6.6.19. Social and Economic Impact in the Locality

No negative impact has been identified in relation to the construction of the new pens. .

6.6.20. Site Design and Internal Design

The proposed site is existing farmland, adjacent to an existing cattle feedlot. The proposed extension will make use of the existing feed lot infrastructure. The design is considered suitable for the proposal.

6.6.21. Cumulative Impacts

It is assessed that the cumulative impacts of the proposed development are minimal and manageable.

6.6.22. Site Suitability Assessment:

The proposal is consistent with the Coonamble Local Environmental Plan 2011 and the site is zoned for rural purposes. It is assessed that the site has the capacity to support the proposal without creating adverse impacts on the site and adjoining land.

7. Submissions Review and Assessment

The application was notified to adjoining land owner and advertised in the Coonamble Times. No submissions were received in relation to the proposal.

8. Public Interest Assessment

The proposed development is permitted in the RU1 Primary Production Zone. There are no specific policy statements from either Federal or State Government that are relevant to this proposal, nor any planning studies or strategies. There is no management plan, planning guideline or advisory document that is applicable to the development. There are no covenants, easements, or agreements that affect the proposal.

9. Contributions Assessment

The development proposal is not subject to any contribution plans adopted by Coonamble Shire Council.

10. Assessment Conclusion / Recommendation

Consent be granted subject to condition(s) detailed below:

Approved Plans and Documents

1. The development being carried out in accordance with the development application and Statement of Environmental Effects except where amended by the following conditions:

Plan Title	Drawing No.	Rev.	Date
Development Application Plans prepared by Premise			
Title Sheet & Schedule of Drawings	C001	C	01/11/2023
Existing Layout Plan	C002	C	01/11/2023
Proposed Layout Plan	C003	C	01/11/2023
Bulk Earthworks Proposed Feedlot Pens Layout	C004	C	01/11/2023
Bulk Earthworks Proposed Manure Pad Extension Layout Plan	C005	C	01/11/2023
Bulk Earthworks Cut-Fill Plan	C006	C	01/11/2023
Bulk Earthworks Typical Sections	C007	C	01/11/2023

Effluent Management System	-	B	2/11/2023
Statement of Environmental Effects	-	001B	2/11/2023

Capacity

- The approved capacity of the feedlot is limited to 10,000 head of cattle as approved by DA 14/97 issued by Coonamble Shire Council on 16 March 1998.

Prior to Issue of a Construction Certificate

- Construction work with a value greater than \$25,000 or more requires payment of the NSW Governments Long Service Levy prior to release of any construction certificate. Evidence of payment must be provided to the registered certifier to allow release of any construction certificate. Payments should be made direct to the corporation at the following website <https://www.longservice.nsw.gov.au/>

Prior to Commencement of Works

- Prior to the commencement of construction works, the Applicant is to obtain a Construction Certificate from either Council or Registered Certifier, certifying that the proposed works are in accordance with the *Building Code of Australia* and applicable Council Standards prior to any building works commencing.

Note: It is the responsibility of the Applicant to ensure that the development complies with the *Building Code of Australia* and applicable Council Standards in the case of building work. This may entail alterations to the proposal so that it complies with these standards.

- The applicant is to submit to Coonamble Shire Council, at least two days prior to the commencement of any works, a 'Notice of Commencement of Building or Subdivision Works' and 'Appointment of Principal Certifier'.

During Construction

- No nuisance or interference with the amenity of the area is to be created by reason of any process or operation on the premises causing the emission of noise, dust, smoke or any polluted discharge whatsoever.
- Construction work involving the use of electric or pneumatic tools or other noisy operations shall be carried out only between 7.00 am and 6.00 pm on weekdays and 8.00 am and 1.00 pm on Saturdays. No work on Sundays or Public Holidays is permitted.
- Throughout the course of construction operations on the land, toilet facilities are to be provided, at or in the vicinity of the work site. Toilet facilities are to be provided at a rate of one toilet for every 20 persons or part of 20 persons employed at the site.
- All building rubbish and debris, including that which can be windblown, shall be contained on site in a suitable container for disposal at an approved Coonamble Shire Council Waste Landfill Depot. The container shall be erected on the building site prior to work commencing and shall be maintained for the term of the construction to the completion of the project.

Note: No building rubbish or debris shall be placed or permitted to be placed on any adjoining

public reserve, footway or road.

Note: The waste container shall be regularly cleaned to ensure proper containment of the building wastes generated on the construction site.

Protection of Aboriginal relics

10. Should Aboriginal relics be discovered work shall cease immediately and application be made for an Aboriginal Heritage Impact Permit under the provisions of the NSW National Parks and Wildlife Act 1974.

Siding Springs Observatory – Maintaining Dark Sky

11. The development shall **not** contain:

- (a) Outside light fittings other than shielded light fittings, or
- (b) More than 7 shielded light fittings or more than 5 such light fittings that are not authentic light fittings, and
- (c) Be likely to result in the emission of light of 50,000 lumens or more.

Outside light fitting means a light fitting that is attached or fixed outside, including on the exterior of a building.

Shielded light fitting means a light fitting that does not permit light to shine above the horizontal plane.

Prior to Occupation or Commencement of Use

12. Prior to the occupation or use of the development, an Occupation Certificate must be obtained from the Principal Certifier for the subject development and all conditions of development consent fully complied with.

Prescribed Conditions under the Environmental Planning and Assessment Regulation 2000

13. A development consent for development that involves any building work must be issued subject to the following conditions:
 - (a) that the work must be carried out in accordance with the requirements of the *Building Code of Australia*, in force on the date of the application.
 - (b) in the case of residential building work for which the Home Building Act 1989 requires there to be a contract of insurance in force in accordance with Part 6 of that Act, that such a contract of insurance must be entered into and be in force before any building work authorised to be carried out by the certificate commences.

Note: This condition does not limit any other conditions to which a complying development certificate may be subject, as referred to in section 85A (6) (a) of the Act.

Note: This condition does not apply:

- (a) to the extent to which an exemption is in force under clause 187 or 188, subject to the terms of any condition or requirement referred to in clause 187 (6) or 188 (4), of the Environmental Planning and Assessment Regulation 2000, or

- (b) to the erection of a temporary building, other than a temporary structure that is used as an entertainment venue.

Note: In this condition, a reference to the *Building Code of Australia* is a reference to that Code as in force on the date the application for the relevant complying development certificate is made.

14. A sign must be erected in a prominent position on any site on which building work, subdivision work or demolition work is being carried out:

- (a) showing the name, address and telephone number of the principal certifying authority for the work, and
- (b) showing the name of the principal contractor (if any) for any building work and a telephone number on which that person may be contacted outside working hours, and
- (c) stating that unauthorised entry to the site is prohibited.

Any such sign is to be maintained while the building work, subdivision work or demolition work is being carried out, but must be removed when the work has been completed.

Note: This condition does not apply in relation to building work, subdivision work or demolition work that is carried out inside an existing building, that does not affect the external walls of the building.

Note: This condition does not apply in relation to Crown building work that is certified, in accordance with section 109R of the Act, to comply with the technical provisions of the State's building laws.

Note: This condition applies to a complying development certificate issued before 1 July 2004 only if the building work, subdivision work or demolition work involved had not been commenced by that date.

Note: Principal certifying authorities and principal contractors must also ensure that signs required by this clause are erected and maintained (see clause 227A which currently imposes a maximum penalty of \$1,100).

15. Residential building work within the meaning of the Home Building Act 1989 must not be carried out unless the principal certifying authority for the development to which the work relates (not being the council) has given the council written notice of the following information:

- (a) in the case of work for which a principal contractor is required to be appointed:
 - (i) the name and licence number of the principal contractor, and
 - (ii) the name of the insurer by which the work is insured under Part 6 of that Act,
- (b) in the case of work to be done by an owner-builder:
 - (i) the name of the owner-builder, and
 - (ii) if the owner-builder is required to hold an owner-builder permit under that Act, the number of the owner-builder permit.



RURAL MARKETING AUSTRALIA PTY LTD

Statement of Environmental Effects

IN SUPPORT OF A DEVELOPMENT APPLICATION

Report No: 222230/SEE

Rev: 001B

2 November 2023

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DOCUMENT AUTHORISATION			
Revision	Revision Date	Report Details	
A	25/10/23	Draft for client review	
B	02/11/2023	Final version	
Prepared By		Reviewed By	Authorised By
Daniel Drum		Angus Chadwick	Daniel Drum

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1. INTRODUCTION

Premise has been commissioned by Rural Marketing Australia Pty Ltd to prepare a Statement of Environmental Effects (SEE) to accompany a Development Application (DA) for alterations and additions to the existing Moonya feedlot facility. The subject site is located at 701 Quambone Road, Coonamble, being Lot 113 DP 754199.

The site is located within the RU1 Primary Production zone under the *Coonamble Local Environmental Plan 2011* (the CLEP 2011). The existing feedlot benefits from the existing development consent Development Application No. 14/97, determined 16 March 1998.

The proposed alterations and additions involve the construction of a further 26 pens to the immediate east of the existing feedlot facility, expansion of the existing manure pad to the immediate west of the existing facility and other ancillary works including associated infrastructure and earthworks.

The proposed alterations and additions are required to facilitate ongoing repairs and upgrades to the existing feedlot facility without the need to de-stock. The proposed alterations and additions do not seek to make any other change to the operation of the existing facility, including the overall 10,000 head capacity.

This SEE has been prepared pursuant to the relevant provisions of the *Environmental Planning and Assessment Act 1979* (the EP&A Act) and *Environmental Planning and Assessment Regulation 2021* (the EP&A Regulation) and is provided in the following format.

- **Section 2** of this report provides a description of the subject site and its locality.
- **Section 3** outlines the proposed development.
- **Section 4** details the planning framework applicable to the subject site and proposed development.
- **Section 5** identifies the impacts of the proposed development.
- **Section 6** provides a conclusion to the SEE.

2. THE SITE & ITS LOCALITY

2.1 The Site

The subject site is located 7.5km southwest of Coonamble between the Coonamble Quambone Road and the Dubbo Coonamble Railway and west of the Castlereagh River.

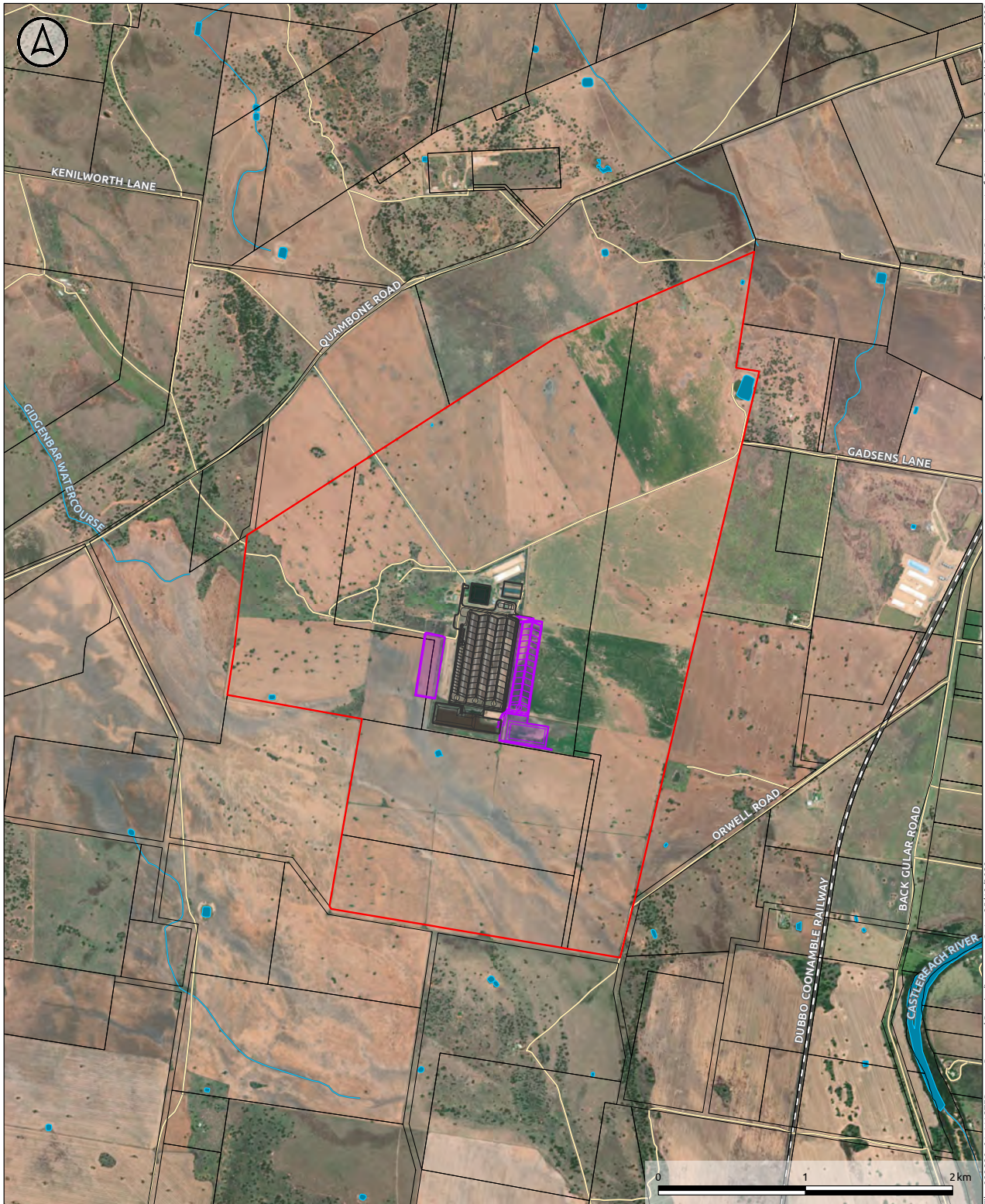
The site has an irregular shape with an area of approximately 382 ha of which the most significant feature is the existing feedlot. The site otherwise devoid of significant features and vegetation. Hydrogeologically, the site is located within the Great Artesian Basin where extensive, deep sandstone aquifers are present.

The subject site is depicted in Figure 1, below.

2.2 The Locality

The subject site is located in the central portion of the Coonamble LGA to the south-west of the consolidated urban area. It is surrounded by mix of agricultural land and rural residential properties. The area is primarily characterised by broadacre agricultural activities including grazing and cropping. Coonamble Airport is located approximately 2.5km east to the subject site. The subject site is depicted in **Figure 2**, below.

Figure 1 - The Subject Site



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ESRI 2023
File: 222230_01_MASTER.aprx Prepared By: zindia.nanver Date: 25/10/2023

Legend

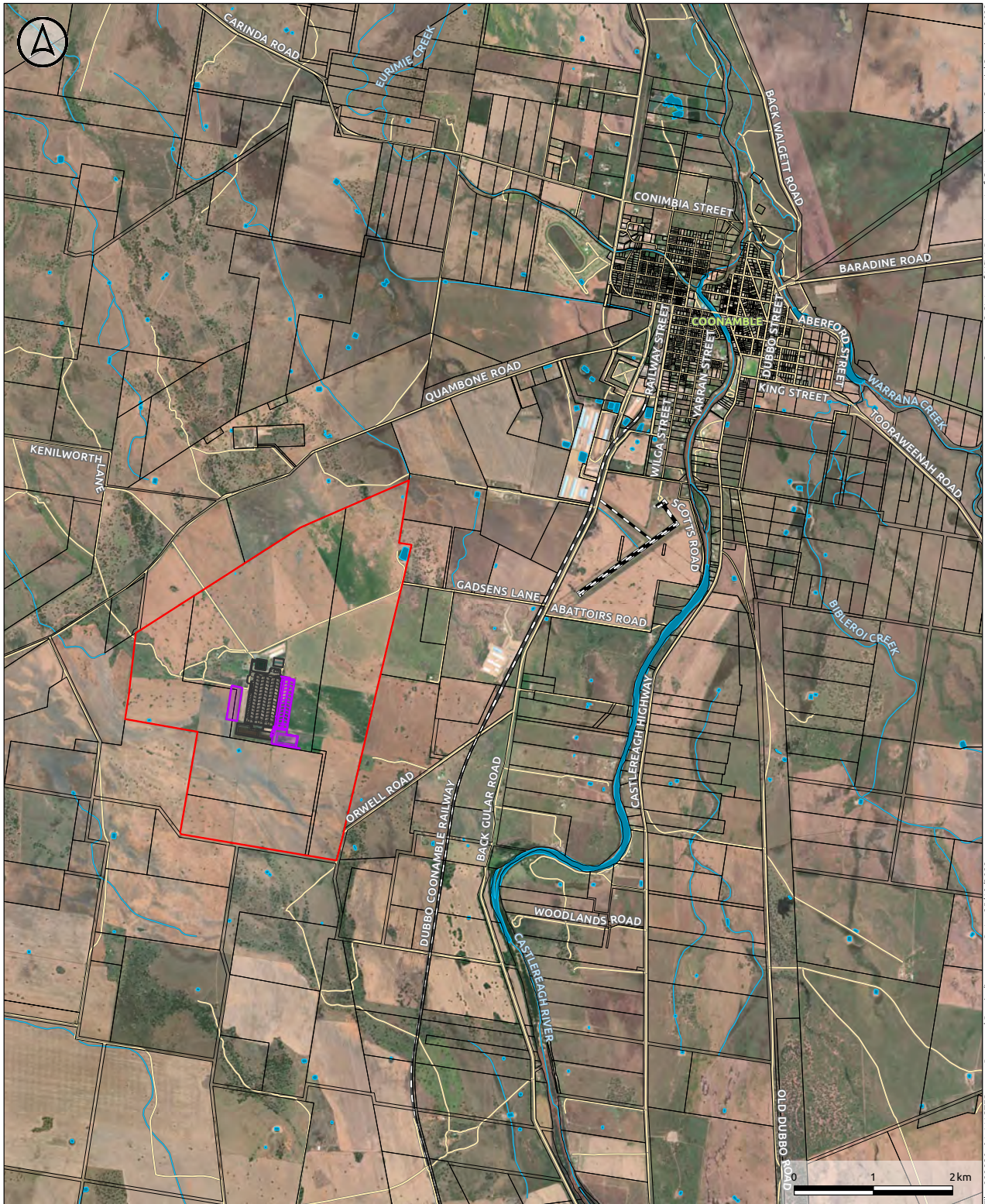
- Site
- Existing Development Footprint
- Proposed Development Footprint
- Cadastre
- Road
- Railway
- Water Body
- Watercourse

PAGE 2



FIGURE 1
The Subject Site

Figure 2 - The Site Locality



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File: 222230_01_MASTER.aprx Prepared By: zindia.nanver Date: 25/10/2023

Legend

- Site
- Proposed Development Footprint
- Existing Development Footprint
- Cadastre
- Road
- Railway
- Runway
- Water Body

Watercourse



FIGURE 2
The Site Locality

3. THE DEVELOPMENT

3.1 Development Description

The proposed alterations and additions involve the construction of a further 26 pens to the immediate east of the existing feedlot facility and an expansion of the existing manure pad to the immediate west of the existing facility.

The proposed alterations and additions are illustrated in Figure 3 and the Project Drawings at Appendix A.

The layout of the pens shown in Project Drawings is indicative only. The detailed design of the pen layout will be finalised prior to construction. Any change to the pen layout will not affect the location of the proposed alterations and additions or the overall environmental impact as addressed throughout the body of this report.

4. STATUTORY PLANNING FRAMEWORK

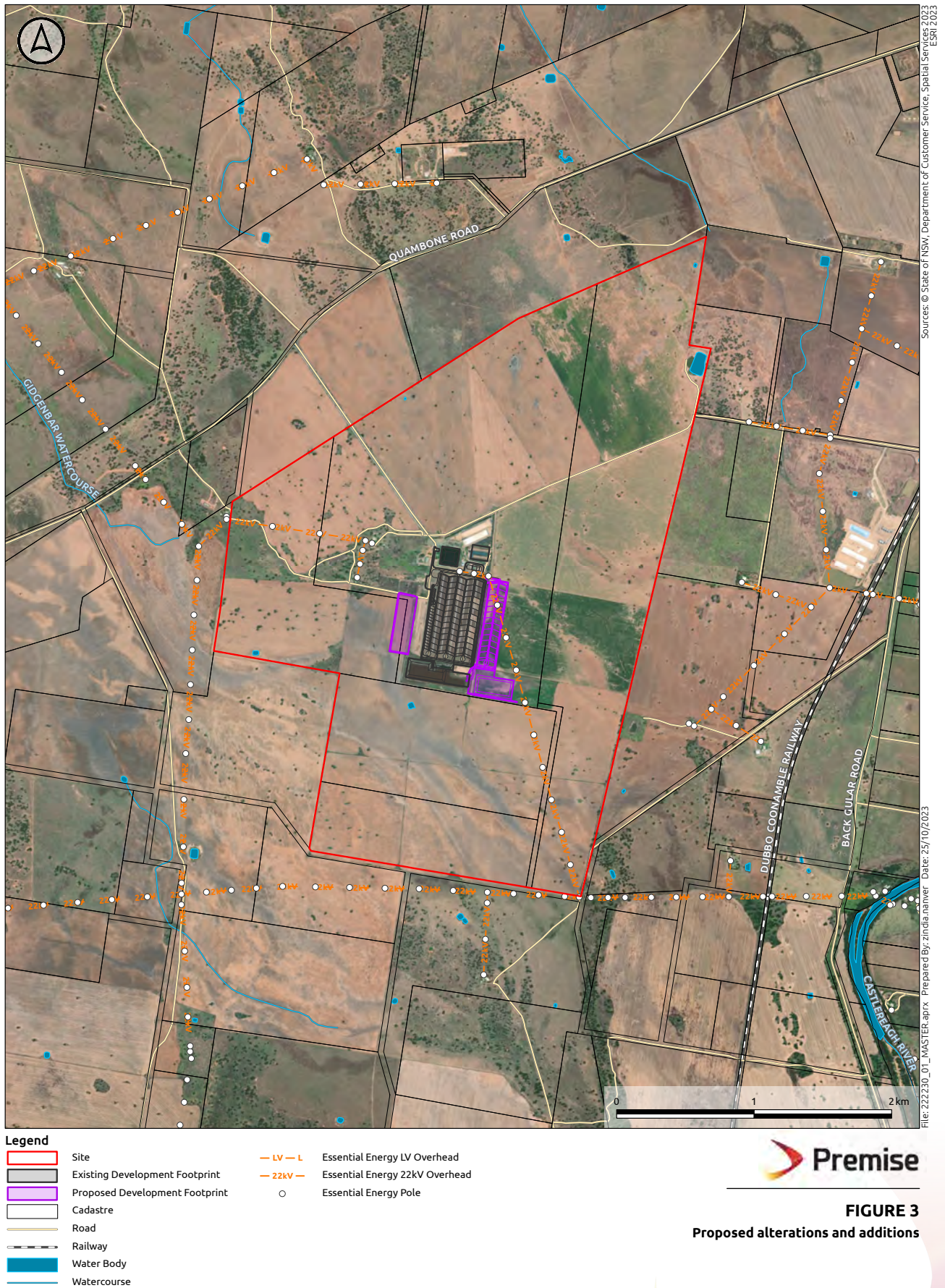
4.1 Object of the EP&A Act

In New South Wales (NSW), the relevant planning legislation is the *Environmental Planning and Assessment Act 1979* (EP&A Act). The EP&A Act instituted a system of environmental planning and assessment in NSW and is administered by the Department of Planning, Industry & Environment (DPIE). In 2017, the Act was amended to provide a range of updated objects. The objects of the EP&A Act are:

- (a) To promote the social and economic welfare of the community and a better environment by the proper management, development and conservation of the State's natural and other resources,*
- (b) To facilitate ecologically sustainable development by integrating relevant economic, environmental and social considerations in decision-making about environmental planning and assessment,*
- (c) To promote the orderly and economic use and development of land,*
- (d) To promote the delivery and maintenance of affordable housing,*
- (e) To protect the environment, including the conservation of threatened and other species of native animals and plants, ecological communities and their habitats,*
- (f) To promote the sustainable management of built and cultural heritage (including Aboriginal cultural heritage),*
- (g) To promote good design and amenity of the built environment,*
- (h) To promote the proper construction and maintenance of buildings, including the protection of the health and safety of their occupants,*
- (i) To promote the sharing of the responsibility for environmental planning and assessment between the different levels of government in the State,*
- (j) To provide increased opportunity for community participation in environmental planning and assessment.*

The proposed development is not considered to be antipathetic to the above objects.

Figure 3 - Proposed Alterations and Additions



4.2 Section 1.7

Section 1.7 of the EP&A Act requires consideration of Part 7 of the *Biodiversity Conservation Act 2016* (BC Act). Part 7 of the BC Act relates to an obligation to determine whether a proposal is likely to significantly affect threatened species.

Under Section 7.2 of the BC Act, there are three triggers for development or activities to be considered as “likely to significantly affect threatened species”. Under Section 7.7(2) of the BC Act, the development application is required to be accompanied by a biodiversity development assessment report (BDAR) if it meets one or more of conditions for “likely to significantly affect threatened species”.

Despite these requirements, it is considered that the portion of the subject property that is the subject of the proposed alterations and additions meets the definition of Category 1 – exempt land pursuant to Section 60H(1) of the *Local Land Services Act 2013*:

(1) Land is to be designated as category 1-exempt land if the Environment Agency Head reasonably believes that—

(a) the land was cleared of native vegetation as at 1 January 1990, or

(b) the land was lawfully cleared of native vegetation between 1 January 1990 and the commencement of this Part.

Section 6.8(3) of the BC Act provides that the biodiversity assessment method is to exclude the assessment of the impacts of any clearing of native vegetation and loss of habitat on category 1 - exempt land (within the meaning of Part 5A of the *Local Land Services Act 2013*), other than any impacts prescribed by the regulations under section 6.3 of the BC Act.

In this regard it is noted that all native vegetation within the immediate vicinity of the existing feedlot was cleared during site preparation works and construction. A native windbreak was subsequently planted to the immediate east of the feedlot around 2008.

While the proposed alterations and additions may require the removal of the native windbreak, this is not subject to the requirements of the BC Act by reference to Section 6.3.

4.3 Subordinate Legislation

The EP&A Act facilitates the preparation of subordinate legislation, consisting of:

- Environmental Planning Instruments (EPIs) (including State Environmental Planning Policies (SEPP), Local Environmental Plans (LEP), and deemed EPIs; and
- Development Control Plans (DCP).

In relation to the proposed development, the relevant subordinate legislation includes:

- Coonamble Local Environmental Plan 2011
- State Environmental Planning Policy (Biodiversity and Conservation) 2021; and
- State Environmental Planning Policy (Resilience and Hazard) 2021; and
- State Environmental Planning Policy (Transport and Infrastructure) 2021; and
- Coonamble Development Control Plan 2009 (Annexure A - development requirements for industrial land use)

The requirements of these are discussed in **Section 4.5** of this Statement.

4.4 Integrated Development

Section 4.46 of the EP&A Act states that development requiring consent and another activity approval is defined as Integrated Development.

The existing Moonya feedlot is regulated by Environmental Protection Licence (EPL) pursuant to the *Protection of the Environment and Operations Act 1997* (POEO Act 1997).

While the proposed alterations and additions do not specifically require an EPL, it is understood that Council may seek to engage with the NSW EPA to determine any need for a license variation.

4.5 Planning Instruments

4.5.1 LOCAL ENVIRONMENTAL PLAN

4.5.1.1 Introduction

The *Coonamble Local Environmental Plan 2011 (CLEP 2011)* is the applicable local planning instrument applying to the land. The aims of the LEP are:

- (aa) to protect and promote the use and development of land for arts and cultural activity, including music and other performance arts,*
- (a) to encourage sustainable economic growth and development within Coonamble,*
- (b) to encourage and provide opportunities for local employment growth and the retention of population in Coonamble,*
- (c) to encourage the retention of productive rural land for agriculture,*
- (d) to identify, protect, conserve and enhance Coonamble's natural assets,*
- (e) to identify and protect Coonamble's built and cultural heritage assets for future generations,*
- (f) to allow for the equitable provision of social services and facilities for the community,*
- (g) to provide for future tourist and visitor accommodation in a sustainable manner that is compatible with, and will not compromise, the natural resource and heritage values of the surrounding area.*

The proposed development is not antipathetic to the aims of the plan and is specifically consistent with the aims (a), (b) and (c).

4.5.1.2 Mapping

A review mapping via the NSW Planning Portal identifies the following applicable mapped constraints:

Table 1 – CLEP 2011 Maps

Constraint	Applicability	Section addressed
Land Application Map	Applies	N/A
Land Zoning Map	RU1 – Primary Production	4.5.1.3
Lot Size Map	1000 ha	4.5.1.4
Natural Resource – Biodiversity Map	Partially affected	4.5.1.6
Natural Resource – Groundwater Vulnerability Map	Affected	4.5.1.7

The above matters, together with other relevant LEP clauses, are discussed in the following sections.

4.5.1.3 Land Use Zoning

The site is located within the RU1 Primary Production zone under the CLEP 2011 (refer to **Figure 4**).

The existing feedlot is permitted with consent in the RU1 Primary Production zone on the basis that intensive livestock agriculture (group term which includes dairies (restricted), feedlots, pig farms and poultry farms) is permitted with consent in the RU1 Primary Production zone without the exclusion of feedlots.

The proposed alteration and additions do not change the purpose of the development from a feedlot. It is considered that the proposed alteration and addition is permitted within the RU1 Primary Production Zone.

Further, the proposed alterations and additions are considered to be consistent with the objectives of the RU1 Primary Production zone under the CLEP 2011.

4.5.1.4 Minimum Subdivision Lot Size

Clause 4.1(3) of the CLEP 2011 provides that the size of any lot resulting from a subdivision of land is not to be less than the minimum lot size shown on the Lot Size Map in relation to that land, being 200 hectares (refer to **Figure 5**).

The proposed development does not include subdivision.

4.5.1.5 Intensive Livestock Agriculture

Clause 5.18 Intensive livestock agriculture seeks to ensure appropriate environmental assessment of development for the purpose of intensive livestock agriculture. Specifically, Clause 5.18 identifies that the following matters must be taken into consideration before determining whether to grant development consent for purpose of intensive livestock agriculture:

Table 2 – Intensive Livestock Agriculture

Provisions:		Comment:
(2)	This clause applies if development for the purpose of intensive livestock agriculture is permitted with consent under this Plan.	Intensive livestock agriculture is permitted with consent in the RU1 Primary Production zone applying to the site under the CLEP 2011.
(3)	In determining whether or not to grant development consent under this Plan to development for the purpose of intensive livestock agriculture, the consent authority must take the following into consideration—	
	(a) the adequacy of the information provided in the statement of environmental effects or (if the development is designated development) the environmental impact statement accompanying the development application,	This SEE provides a detailed description of the proposed alterations and additions, their compatibility with the applicable environmental planning framework and the potential environmental impacts. It is considered that the information provided is adequate to allow Council to undertake an informed assessment of the proposed development.
	(b) the potential for odours to adversely impact on the amenity of residences or other land uses within the vicinity of the site,	The potential for odours was addressed as part of the original Development Application for the existing feedlot. Given that the proposed alterations do not seek to increase the overall capacity of the feedlot it is considered unnecessary to provide a detailed assessment of odour. The proposed alterations and additions are unlikely to have any additional impact on the amenity of any residence or other land use within the vicinity of the site.
	(c) the potential for the pollution of surface water and ground water,	The potential for the pollution of surface water and groundwater was addressed as part of the original Development Application for the existing feedlot. Surface water Potential pollution of surface water is only likely to occur during the construction phase. It is considered that any potential impact can be mitigated by the implementation of safeguards such as sediment and erosion controls. It is recommended that a condition of consent be applied to require the installation and maintenance of sediment and erosion controls throughout the construction phase in accordance with <i>Managing Urban Stormwater: Soils and</i>

			<p><i>construction</i> (Landcom, 2004). Following construction, all surface water will be directed to the existing sediment and effluent ponds.</p> <p>Groundwater</p> <p>It is understood that the water bearing zones below the feedlot are first encountered at 461m (GW041028, Water NSW Work Summary, 2006). Coupled with low permeability and the silty clay nature of soils, leaching of effluent is restricted.</p> <p>Given that the proposed alterations and additions do not require any change to the existing sediment and effluent pond, it is considered that the potential for pollution of groundwater is unlikely and that no further mitigation measures are required.</p>
	(d)	the potential for the degradation of soils,	<p>The potential for degradation of soils is minor due to the negligible gradients across the property. Existing land use and management practices such as conservative crop rotations and good pasture management result in little soil erosion.</p> <p>As discussed above, it is recommended that a condition of consent be applied to require the installation and maintenance of sediment and erosion controls throughout the construction phase.</p>
	(e)	the measures proposed to mitigate any potential adverse impacts,	Mitigation measures for erosion and sediment control are outlined above.
	(f)	the suitability of the site in the circumstances,	<p>The site was identified as suitable for the development of a feedlot with capacity for 10,000 head under the original DA which enabled its development.</p> <p>The proposed alterations and additions are required to facilitate ongoing repairs and upgrades to the existing facility without any need to de-stock. Consent is not sought to increase the number of cattle. Incidentally, it is considered that the site is suitable for the proposed development</p>
	(g)	whether the applicant has indicated an intention to comply with relevant industry codes of practice for the health and welfare of animals,	All relevant industry codes of practice for the health and welfare of animals are to be maintained in accordance with current arrangements.

	(h)	the consistency of the proposal with, and any reasons for departing from, the environmental planning and assessment aspects of any guidelines for the establishment and operation of relevant types of intensive livestock agriculture published, and made available to the consent authority, by the Department of Primary Industries (within the Department of Industry) and approved by the Planning Secretary.	The development will not depart from the environmental planning and assessment aspects of any guidelines for the establishment and operation of the relevant types of intensive livestock agriculture.
(4)	Despite any other provision of this Plan, development for the purpose of intensive livestock agriculture may be carried out without development consent if—		
	(a)	the development is of a type specified in subclause (5), and	The development is not of a type specified in subclause (5).
	(b)	the consent authority is satisfied that the development will not be located—	
	(i)	in an environmentally sensitive area, or	
	(ii)	within 100 metres of a natural watercourse, or	
	(iii)	in a drinking water catchment, or	
	(iv)	within 500 metres of any dwelling that is not associated with the development, or a residential zone, or	
	(v)	if the development is a poultry farm—within 500 metres of another poultry farm.	
(5)	The following types of development are specified for the purposes of subclause (4)—		
	(a)	a cattle feedlot having a capacity to accommodate fewer than 50 head of cattle,	Refer above.
	(b)	a goat feedlot having a capacity to accommodate fewer than 200 goats,	Refer above.
	(c)	a sheep feedlot having a capacity to accommodate fewer than 200 sheep,	Refer above.
	(d)	a pig farm having a capacity to accommodate fewer than 20 breeding sows, or fewer than 200 pigs (of which fewer than 20 may be breeding sows),	Refer above.
	(e)	a dairy (restricted) having a capacity to accommodate fewer than 50 dairy cows,	Refer above.
	(f)	a poultry farm having a capacity to accommodate fewer than 1,000 birds for meat or egg production (or both).	Refer above.

(6)	For the avoidance of doubt, subclause (4) does not apply to development that is prohibited or that may be carried out without development consent under this or any other environmental planning instrument.	Noted.
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4.5.1.6 Terrestrial Biodiversity

Under clause 6.1(3) of the CWLEP 2011, Coonamble Shire Council is prevented from granting development consent to development on land identified as "Biodiversity" on the Natural Resource — Terrestrial Biodiversity Map unless it has considered the potential for adverse impacts on:

- the condition, ecological value and significance of the fauna and flora on the land,
- the importance of the vegetation on the land to the habitat and survival of native fauna,
- potential to fragment, disturb or diminish the biodiversity structure, function and composition of the land,
- the habitat elements providing connectivity.

As shown in **Figure 6**, the proposed development does not require the removal of any vegetation within land shown as Biodiversity on the Terrestrial Biodiversity Map.

4.5.1.7 Groundwater Vulnerability

Under clause 6.4(3) of the CWLEP 2011, Coonamble Shire Council is prevented from granting development consent to development on land identified as "Macquarie" or "Castlereagh" on the Natural Resource — Groundwater Vulnerability Map unless it has considered:

- whether or not the development (including any on-site storage or disposal of solid or liquid waste and chemicals) will cause any groundwater contamination or any adverse effect on groundwater dependent ecosystems, and
- the cumulative impact (including the impact on nearby groundwater extraction for potable water supply or stock water supply) of the development and any other existing development on groundwater.

Clause 6.4(4) of the CWLEP 2011 specifies that development consent must not be granted to development on land to which this clause applies unless the consent authority is satisfied that—

- the development is designed, sited and will be managed to avoid any significant adverse environmental impact, or
- if that impact cannot be avoided by adopting feasible alternatives—the development is designed, sited and will be managed to minimise that impact, or
- if that impact cannot be minimised—the development will be managed to mitigate that impact.

The proposed alterations and additions involve the construction of a further 26 pens to the immediate east of the existing feedlot facility and an expansion of the existing manure pad to the immediate west of the existing facility.

The proposed alterations and additions are required in order to facilitate ongoing repairs and upgrades to the existing facility without any need to de-stock. The proposed alterations and additions do not seek to make any other change to the operation of the existing facility, including the overall 10,000 head capacity.

It is understood that the water bearing zones below the feedlot are first encountered at 461m (GW041028, Water NSW Work Summary, 2006). Coupled with low permeability and the silty clay nature of soils, leaching of effluent is restricted.

Given that the proposed alterations and additions do not require any change to the existing effluent ponds, it is considered that the potential for pollution of groundwater is unlikely and that no further mitigation measures are required.

4.5.1.8 Earthworks

Clause 6.7(2) of the CLEP 2011 provides that development consent is required for earthworks unless the works are exempt under the TRLEP 2010 or another environmental planning instrument (EPI) or ancillary to development for which consent has been given. If development consent is required, The Council is required to consider the matters in clause 7.2(3).

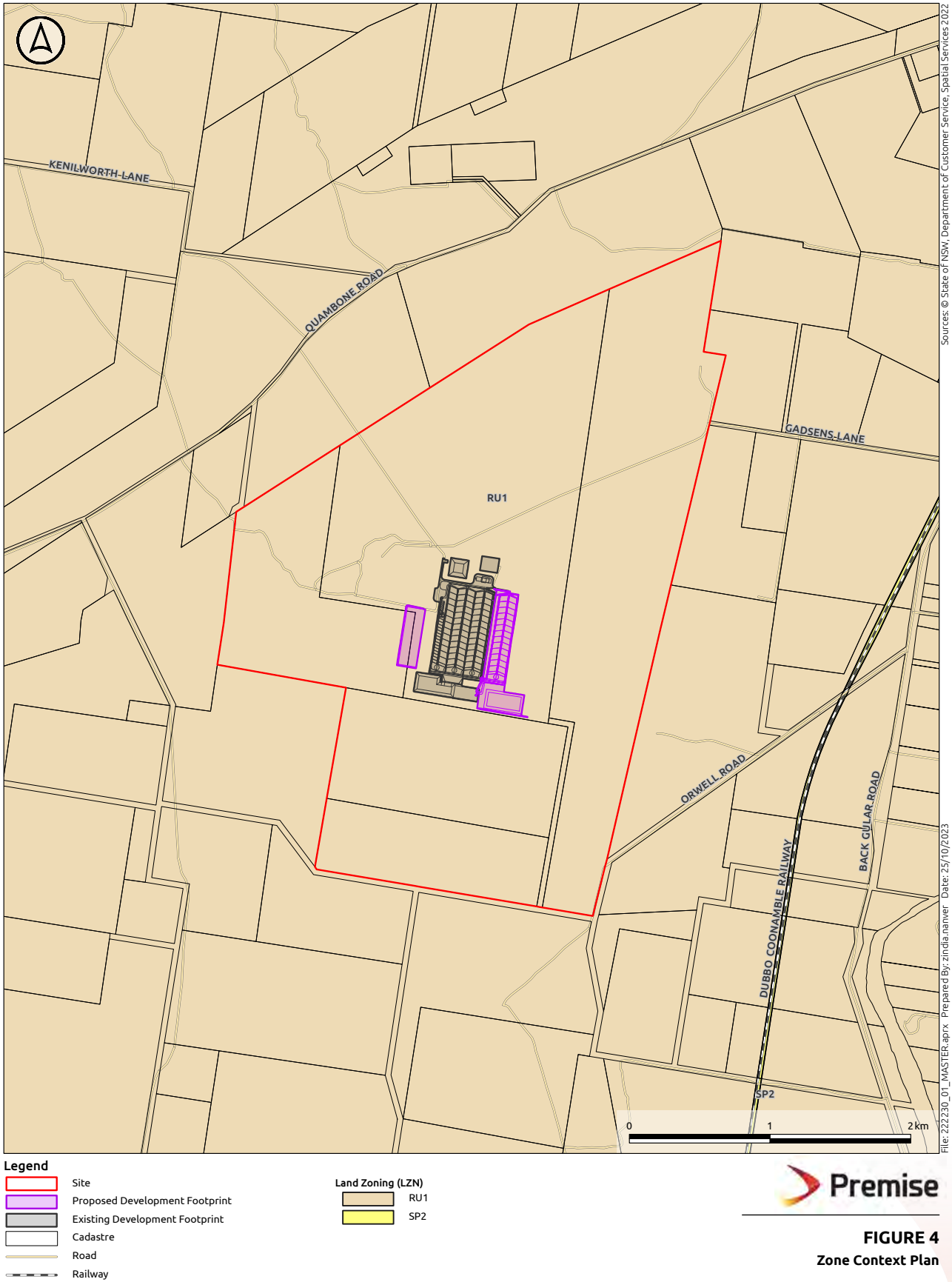
While the proposed development involves earthworks, they are not exempt under the CLEP 2011 or another EPI or ancillary to development for which consent has been given. Accordingly, the proposed earthworks are considered in the context of the matters for consideration in clause 6.7(3) in **Table 3**.

Table 3 – Earthworks Considerations

Consideration	Comments	Compliance
(a) the likely disruption of, or any detrimental effect on, existing drainage patterns and soil stability in the locality,	<p>Based on the design of the proposed alteration and additions, it is considered unlikely to have any detrimental impact on drainage patterns and soil stability within the broader locality.</p> <p>Soil stability can be appropriately managed during construction through the implementation of an appropriate erosion and sediment control plan. It is recommended that a condition of consent would be applied to require the submission of an erosion and sediment control plan prior to works commencing.</p> <p>Once constructed, drains and bunds associated with the proposed alterations and additions will ensure that clean surface water is directed around the feedlot, while surface water captured within the feedlot will be directed to the existing sediment and effluent pond.</p> <p>A negligible amount of surface water would be captured with the future holding pond area, which is to be excavated to generate fill for the proposed alterations and additions.</p>	✓
(b) the effect of the proposed development on the likely future use or redevelopment of the land,	<p>Given the nature of the proposed alterations and additions, the site is unlikely to be used for any other purposes in the short, medium or long term.</p> <p>The proposed earthworks are necessary to enable the proposed use of the land. Further, the area from which the bulk of the required fill will be obtained will be purposively shaped to facilitate its future use as either an effluent holding pond or clean water holding pond if considered necessary.</p>	✓
(c) the quality of the fill or the soil to be excavated, or both,	<p>All fill required for the construction of the proposed alterations and additions will be obtained on site. As noted above the area from which the bulk of the required fill will be obtained will be purposively shaped to facilitate its future use as either an effluent holding pond or clean water holding pond if considered necessary.</p> <p>Given the existing and historic use of the land, it is considered that the quality of all fill be suitable.</p>	✓

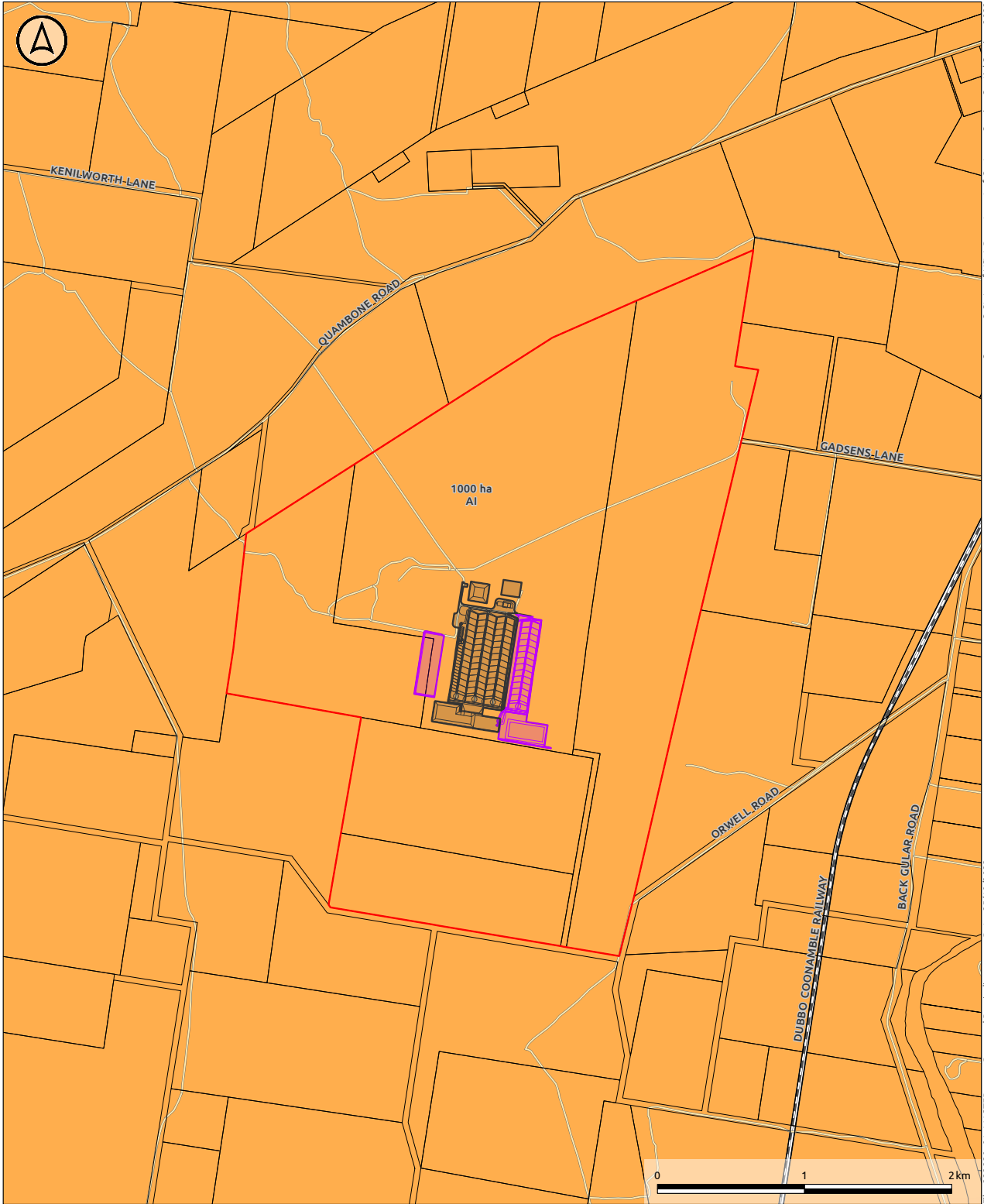
Consideration	Comments	Compliance
(d) the effect of the proposed development on the existing and likely amenity of adjoining properties,	The proposed earthworks are necessary to enable the proposed use of the site. As demonstrated throughout the body of this report, the proposed alterations and additions are unlikely to have a detrimental impact the amenity of the adjoining property.	✓
(e) the source of any fill material and the destination of any excavated material,	It is anticipated that excavated soils will be able to be re-used on-site.	✓
(f) the likelihood of disturbing relics,	Aboriginal cultural heritage and historic heritage were considered as part of the original development. Based on the information provided, it is understood that no known aboriginal cultural activity has taken place at the feedlot site and no Aboriginal artefacts have been identified. Further there are no known sites of historic European heritage within the subject property.	✓
(g) the proximity to and potential for adverse impacts on any watercourse, drinking water catchment or environmentally sensitive area.	The site is not mapped as intersecting with any mapped watercourse, nor it is mapped as being located within a mapped drinking water catchment or environmentally sensitive area.	✓

Figure 4 - Zone Context Plan



Sources: © State of NSW, Department of Customer Service, Spatial Services 2022
File: 222230_01_MASTER.aprx Prepared By: zindia.narver Date: 25/10/2023

Figure 5 - Minimum Subdivision Size

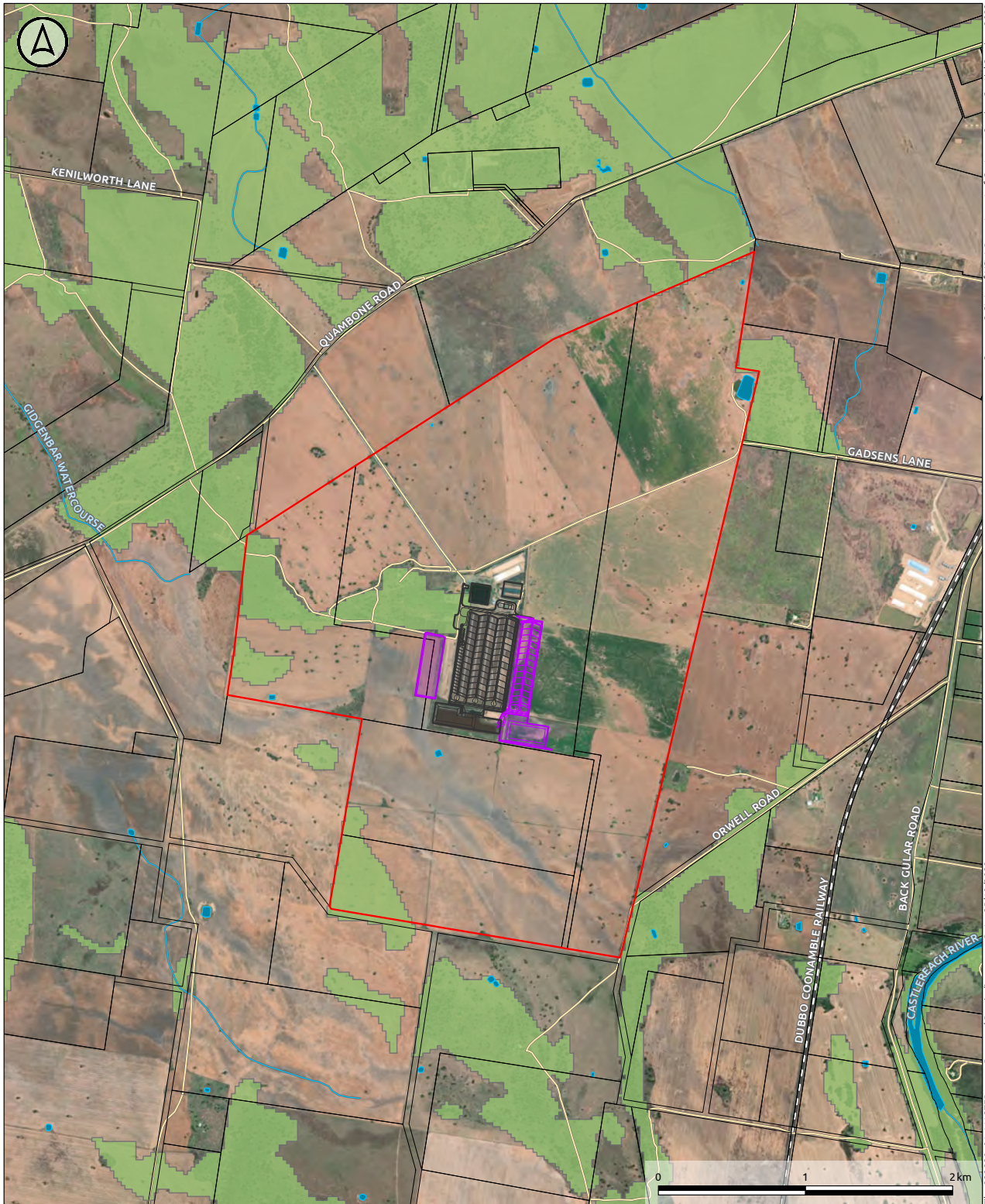


- Legend**
- Site
 - Existing Development Footprint
 - Proposed Development Footprint
 - Cadastre
 - Road
 - Railway
 - Minimum Lot Size (LSZ)
 - 1000 ha - AI



FIGURE 5
Minimum Subdivision Size

Figure 6 - Terrestrial Biodiversity



Sources: © State of NSW, Department of Customer Service, Spatial Services 2023
ESRI 2023

File: 222230_01_MASTER.aprx Prepared By: zindia.nanver Date: 25/10/2023

- Legend**
- Site
 - Existing Development Footprint
 - Proposed Development Footprint
 - Cadastre
 - Road
 - Railway
 - Water Body
 - Watercourse
 - Terrestrial Biodiversity



FIGURE 6
Terrestrial Biodiversity

STATE ENVIRONMENTAL PLANNING POLICY

4.5.1.9 State Environmental Planning Policy (*Biodiversity and Conservation*) 2021

Chapter 3 of the Biodiversity SEPP relates to koala habitat protection. Under clause 3.3(1) of the Biodiversity SEPP, the SEPP applies to land within the RU1 Primary Production, RU2 Rural Landscape and RU3 Forestry and equivalent zones in an LGA not marked with a '*' in Schedule 2 of the SEPP. A three-step process applies where the SEPP applies and the site (including adjoining land in the same ownership) has an area of more than one hectare.

The site is located within the RU1 Primary Production zone, within the Coonamble LGA (not marked with a '*' in Schedule 2 of the SEPP) and has an area of over one hectare. Accordingly, the proposed development is considered against the three-step process in **Table 4**.

Table 4 – Biodiversity SEPP

Three-Step Process:			Comment:
3.6	Step 1—Is the land potential koala habitat?		
	(1)	Before a council may grant consent to a development application for consent to carry out development on land to which this Part applies, the council must be satisfied as to whether or not the land is a potential koala habitat.	Council may be satisfied that the proposed works will not impact koala habitat as they do not require the removal of any trees and will predominantly occur over existing disturbed areas (refer to Figure 3).
	(2)	The council may be satisfied as to whether or not land is a potential koala habitat only on information obtained by it, or by the applicant, from a person who is qualified and experienced in tree identification.	Refer above.
	(3)	If the council is satisfied—	
	(a)	that the land is not a potential koala habitat, it is not prevented, because of this Policy, from granting consent to the development application, or	Noted.
	(b)	that the land is a potential koala habitat, it must comply with clause 3.7.	The land is not potential koala habitat and therefore clause 3.7 (step 2) need not be considered.

4.5.1.10 State Environmental Planning Policy (*Resilience and Hazard*) 2021

The *State Environmental Planning Policy (Infrastructure) 2007* (ISEPP) aims to facilitate the effective delivery of infrastructure through the state.

Chapter 4 of the Hazards SEPP relates to remediation of land. Clause 4.6(1) of the Hazards SEPP prevents Coonamble Shire Council from granting consent to the carrying out of development unless it has considered whether the land is contaminated.

If the land is contaminated, it must not consent to the carrying out of development unless it is suitable for the proposed use in its contaminated state or will be suitably remediated before the land is used for that purpose.

Coonamble Shire Council may be satisfied that the proposed development is unlikely to disturb contaminated soils as the existing use of the site for the purpose of a feedlot is unlikely to have resulted in any significant contamination of the site and a search of the NSW EPA Contaminated Land Record on 11 July 2023 did not identify any recorded sites in Coonamble and List of Notified Sites does not include the subject site (last updated 7 July 2023).

Accordingly, it is considered the site is suitable for the proposed development.

4.5.1.11 State Environmental Planning Policy (Transport and Infrastructure) 2021

Section 2.48 of the State Environmental Planning Policy (Transport and Infrastructure) 2021 (SEPP Transport and Infrastructure) requires that development carried out within 5m of an exposed overhead electricity powerline must be referred to the electricity supply authority.

While the proposed alterations and additions would impact the alignment of an existing powerline, the landowner is currently in the process of obtaining approval from Essential Energy to relocate the powerline.

It is anticipated that the new alignment of the powerline will be approved prior to Essential Energy receiving a referral via the NSW Planning Portal.

Subject to the approval of Essential Energy, it is considered appropriate that a condition of consent be applied to require that the existing power line be removed prior to construction of the proposed alterations and additions.

The existing alignment and proposed alignment of the powerline are shown on the project drawings at **Appendix A**.

4.5.2 DEVELOPMENT CONTROL PLANS

4.5.2.1 Coonamble Shire Development Control Plan 1996 (Small Cattle Feedlot)

The *Coonamble Shire Development Control Plan 1996* (CDCP 1996) applies to the site. **Table 4** provides a summary of relevant matters raised via the DCP together with an assessment of project specific compliance.

As outlined at **Table 4**, the development is generally compliant with all relevant provisions of the Development Control Plan.

5. IMPACTS, SITE SUITABILITY & THE PUBLIC INTEREST

Pursuant to Schedule 1 of the EP&A Regulation, this section of the report outlines the environmental impacts of the proposed development and any measures required to protect the environment or lessen the harm to the environment.

The impacts have been identified through an assessment of the proposed development against the provisions of section 4.15(1)(b) and the former NSW Department of Urban Affairs and Planning's (nd) Guide to Section 79C.

This section also addresses the consideration at Section 4.15(c) and Section 4.15(e) of the Act that relate to the suitability of the site for the development and the public interest.

5.1 Context and Setting

The proposed alterations and additions involve the construction of a further 26 pens to the immediate east of the existing feedlot facility and an expansion of the existing manure pad to the immediate west of the existing facility.

The proposed alterations and additions are required in order to facilitate ongoing repairs and upgrades to the existing facility without any need to de-stock. The proposed alterations and additions do not seek to make any other change to the operation of the existing facility, including the overall 10,000 head capacity.

Given the nature of the proposed alterations and additions, it is considered that the most likely impact will be ground disturbance associated with site preparation and construction. It is not anticipated that there will be any discernible impacts on the local context and setting outside of the subject site.

5.2 Access, Transport and Traffic

Once operational, the development will not generate increased traffic movements.

5.3 Public Domain

As noted under **Section 5.1**, given the nature of the proposed alterations and additions, it is considered that the most likely impact will be ground disturbance associated with site preparation and construction. It is not anticipated that there will be any discernible impacts on the local context and setting outside of the subject site.

5.4 Servicing

The proposed alterations and additions do not generate demand for additional services. The existing, operational feedlot has adequate capacity to accommodate the development.

5.5 Heritage

The site is not identified as being or adjoining an item of local heritage significance or within a heritage conservation area under the CLEP 2011. The proposed works are unlikely to disturb Aboriginal sites or places due to occurring predominantly over substantially disturbed areas.

5.6 Water

The potential for the pollution of surface water and groundwater was addressed as part of the original Development Application for the existing feedlot.

5.6.1 SURFACE WATER

Potential pollution of surface water is only likely to occur during the construction phase. It is considered that any potential impact can be mitigated by the implementation of safeguards such as sediments and erosion controls.

It is recommended that a condition of consent be applied to require the installation and maintenance of sediment and erosion controls throughout the construction phase.

Following construction, all surface water will be directed to the existing sediment and effluent ponds.

5.6.2 GROUNDWATER

It is understood that the water bearing zones below the feedlot are first encountered at 461m (GW041028, Water NSW Work Summary, 2006). Coupled with low permeability and the silty clay nature of soils, leaching of effluent is restricted.

Given that the proposed alterations and additions do not require any change to the existing effluent ponds, it is considered that the potential for pollution of groundwater is unlikely and that no further mitigation measures are required.

5.7 Soils

The potential for degradation of soils is minor due to the negligible gradients across the property. Existing land use and management practices such as conservative crop rotations and good pasture management result in little soil erosion.

As discussed above, it is recommended that a condition of consent be applied to require the installation and maintenance of sediment and erosion controls throughout the construction phase.

5.8 Air and Microclimate

The potential for odours was addressed as part of the original Development Application for the existing feedlot.

Given that the proposed alterations do not seek to increase the overall capacity of the feedlot it is considered unnecessary to provide a detailed assessment of odour.

The only likely impact on air quality would be windswept dust during construction. Notwithstanding, given the location of the existing feedlot, windswept dust is unlikely to have a detrimental impact outside of the subject property.

5.9 Flora and Fauna

While the proposed alterations and additions require the removal of native vegetation in the form of a planted windbreak, this is not subject to the requirements of the BC Act by reference to Section 6.3 as the affected area meets the definition of Category 1 – exempt land pursuant to Section 60H(1) of the *Local Land Services Act 2013*.

(1) Land is to be designated as category 1-exempt land if the Environment Agency Head reasonably believes that—

(a) the land was cleared of native vegetation as at 1 January 1990, or

(b) the land was lawfully cleared of native vegetation between 1 January 1990 and the commencement of this Part.

It is noted that all native vegetation within the immediate vicinity of the existing feedlot was cleared during site preparation works and construction. The windbreak was subsequently planted to the immediate east of the feedlot around 2000.

5.10 Waste

During construction, waste is to be disposed of at appropriate, licensed facilities.

Once operational, the development will not result in a significant increase in waste generation. Waste is to be continued to be disposed of in accordance with current arrangements.

5.11 Noise & Vibration

The works are substantially separated from the nearest non-associated sensitive receivers such that, once operational, they will not result in a significant increase in noise or vibration impacts from the site.

5.12 Natural Hazards

The existing feedlot and area subject to the proposed alterations and additions is not identified as being bushfire prone land and is not known to be flood affected.

There are no other likely natural hazards that may impact on, or be impacted by, the proposed alterations and additions.

5.13 Technological Hazards

There are no known technological hazards that may impact on, or be impacted by, the proposed alterations and additions.

5.14 Social Impact

As defined by the NSW Government Office on Social Policy, social impacts are significant events experienced by people as changes in one or more of the following are experienced:

- peoples' way of life (how they live, work or play and interact with one another on a day-to-day basis);
- their culture (shared beliefs, customs and values); or
- their community (its cohesion, stability, character, services and facilities).

The proposed alterations and additions will not have any impact on the foregoing matters.

5.15 Economic Impact

The proposed alterations and additions will have a positive economic impact on the local economy insofar as they will allow for the feedlot to remain at full capacity while repairs and maintenance are undertaken.

Further, it is anticipated that the construction of the alterations and additions will also have a positive impact on the local economy with construction works, such as bulk earthworks, likely to be undertaken by a local contractor.

5.16 Construction Impacts

Construction impacts would be short-lived and manageable.

The following standard construction management measures would be implemented to ensure impacts to the locality are minimised:

- Standard construction hours (7 am to 6 pm Monday to Friday and 8 am to 1 pm Saturday and at no times on Public holidays) would be implemented;
- Avoiding dust generating activities during windy and dry conditions; and
- Maintaining all equipment in good working condition such that the construction contractor and site manager ensure the prevention of the release of smoke by construction equipment, which would be in contravention of Section 124 of the *Protection of the Environment Operations Act 1997* and Clause 16 of the *Protection of the Environment Operations (Clean Air) Regulation 2010*.

5.17 Cumulative Impacts

It is not anticipated that the development would result in any cumulative impacts including:

- Individual impacts so close in time that the effects of one are not dissipated before the next (time crowded effects);
- Individual impacts so close in space that the effects overlap (space crowded effects);
- Repetitive, often minor impacts eroding environmental conditions (nibbling effects); or
- Different types of disturbances interacting to produce an effect which is greater or different than the sum of the separate effects (synergistic effects).

6. CONCLUSION

6.1 Suitability of the site

The subject site is suitable for the development on the grounds that the site:

- Is unlikely to be contaminated in the vicinity of the proposed development;
- Is unlikely to contain Aboriginal sites or places in the vicinity of the proposed development;
- Is unlikely to be flood prone in the vicinity of the proposed development;
- Is predominantly disturbed in the vicinity of the proposed development;
- Is not mapped as bushfire prone land;
- Contains an existing, operational feedlot with existing services to accommodate the development; and
- Has adequate access arrangements to accommodate construction and operational traffic due to existing activities occurring on the site.

6.2 The Public Interest

The proposed development is in the public interest on the grounds that it:

- Is permitted with consent in RU1 zone and is consistent with the objectives of the CLEP 2011, as well as compliant with all relevant provisions under the CLEP 2011;
- Is consistent with all relevant SEPPs;
- Is compliant with all relevant controls set out in the CDCP 1996; and
- Will result in minimal impacts on heritage, hydrogeology, flora and fauna, the site's context and setting, access, transport and traffic, noise and vibration and odour.



APPENDIX A

PROJECT DRAWINGS



APPENDIX B

DCP COMPLIANCE TABLE

Table 5 – Development Control Plan Matters and Assessment

Objective/requirement	Assessment	Compliance?
3. MINIMUM REQUIREMENTS		
3.1 Buffer Zone		
The distance between the perimeter of the feedlot and the nearest occupied dwelling shall be one (1) kilometre.	The nearest occupied dwelling not associated with the existing feedlot is in excess of 1km from the feedlot.	Yes
The distance between the perimeter of the feedlot and the nearest urban area shall be a minimum of 3.0 kilometres.	The existing feedlot is located approximately 7.5km southwest of Coonamble.	Yes
The distance between one existing or new feedlot and another shall be no less than five (5) kilometres.	There are no other feedlots within the immediate vicinity.	Yes
Council reserves the right to vary these distances +/- 10%	Noted.	
3.2 Proximity to waterways and underground supplies		
Dry watercourse		
If ground conditions are impervious and site slopes away from watercourse - 100 metres	The Gidgenbar Watercourse is in the order of 300m to the west of the existing feedlot.	Yes
If ground conditions are impervious and site slopes towards watercourse - 200 metres	The Gidgenbar Watercourse is in the order of 300m to the west of the existing feedlot.	Yes
If ground conditions are pervious - 2 kilometres	N/A	
Permanent flowing watercourse		
Under all ground and soil conditions - 2 kilometres Council reserves the right to vary these distances +/- 10%	There are no mapped watercourses within the vicinity of the immediate vicinity of the feedlot.	Yes / Acceptable on merit

Objective/requirement	Assessment	Compliance?
	<p>The closest mapped watercourse, the Gidgenbar Watercourse, is in the order of 300m to the west, however it does not appear to be permanently flowing.</p> <p>As previously discussed, the proposed alterations and additions involve the construction of a further 26 pens to the immediate east of the existing feedlot facility.</p>	
3.3 Topography		
Land must have a minimum slope of 1% and detention ponds for both runoff and silt must be constructed in accordance with The Feedlot Manual 1990 (as amended).	The proposed alterations and additions do not require any change to the existing detention ponds, with the exception of minor upgrades to capture runoff from the proposed rehabilitation pens.	Yes
Feedlots shall be surrounded by a bank to contain any runoff which threatens a watercourse and all waste is to be diverted by this bank to the detention and holding ponds.	The proposed alterations and additions incorporate suitable drainage lines to capture effluent and surface water runoff. The drains have been designed to integrate with the existing feedlot sediment and effluent holding pond. The proposed alterations and additions include bunding to ensure that clean surface water does not enter the feedlot and that surface water runoff from the feedlot is captured within the existing sediment and effluent pond.	Yes
The developer shall provide calculations and plans acceptable by the Environment Protection Authority for the construction of detention and siltation ponds.	<p>The proposed alterations and additions do not require any change to the capacity of the existing ponds. The relevant calculation are included at Appendix C.</p> <p>Notwithstanding, a separate future holding pond will be developed as part of the proposed developed development. The development of an additional holding pond will provide contingency for the ongoing operation of the feedlot.</p>	Yes
3.4 Waste management and feedlot operation		
This shall be carried out in accordance with the abovementioned EPA guidelines and the "Feedlot Advisory Manual" issued by the NSW Department of Agriculture and Fisheries.	The proposed alterations and additions would operate in accordance with the same requirements of the existing Development Consent and applicable EPL.	Yes

Objective/requirement	Assessment	Compliance?
3.5 Other Considerations		
The applicant may be subject to consideration by other State and Federal authorities in respect of air and water pollution, planning, traffic management and any other matter.	Noted.	
Thorough investigation by the developer is advised because of the sensitive nature of the development in relation to the environment	Noted.	
3.6 Statement of environmental effects		
The result of the applicant's investigations, as required in this Development Control Plan, shall be presented to Council, together with the development application in the form of a "Statement of Environmental Effects".	Noted. Investigations have been undertaken relevant to the proposed alterations and additions. The results of those investigations are presented in this SoEE.	



APPENDIX C

EFFLUENT MANAGEMENT REPORT

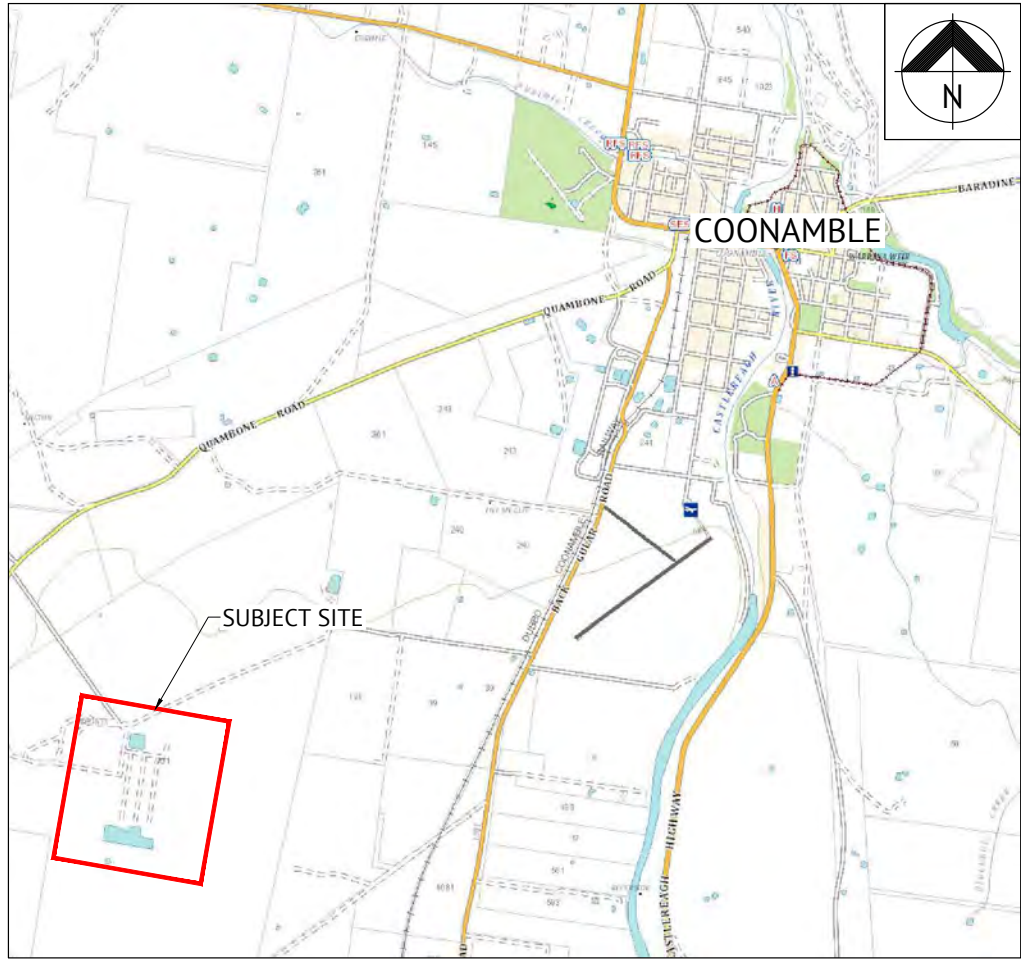


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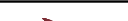
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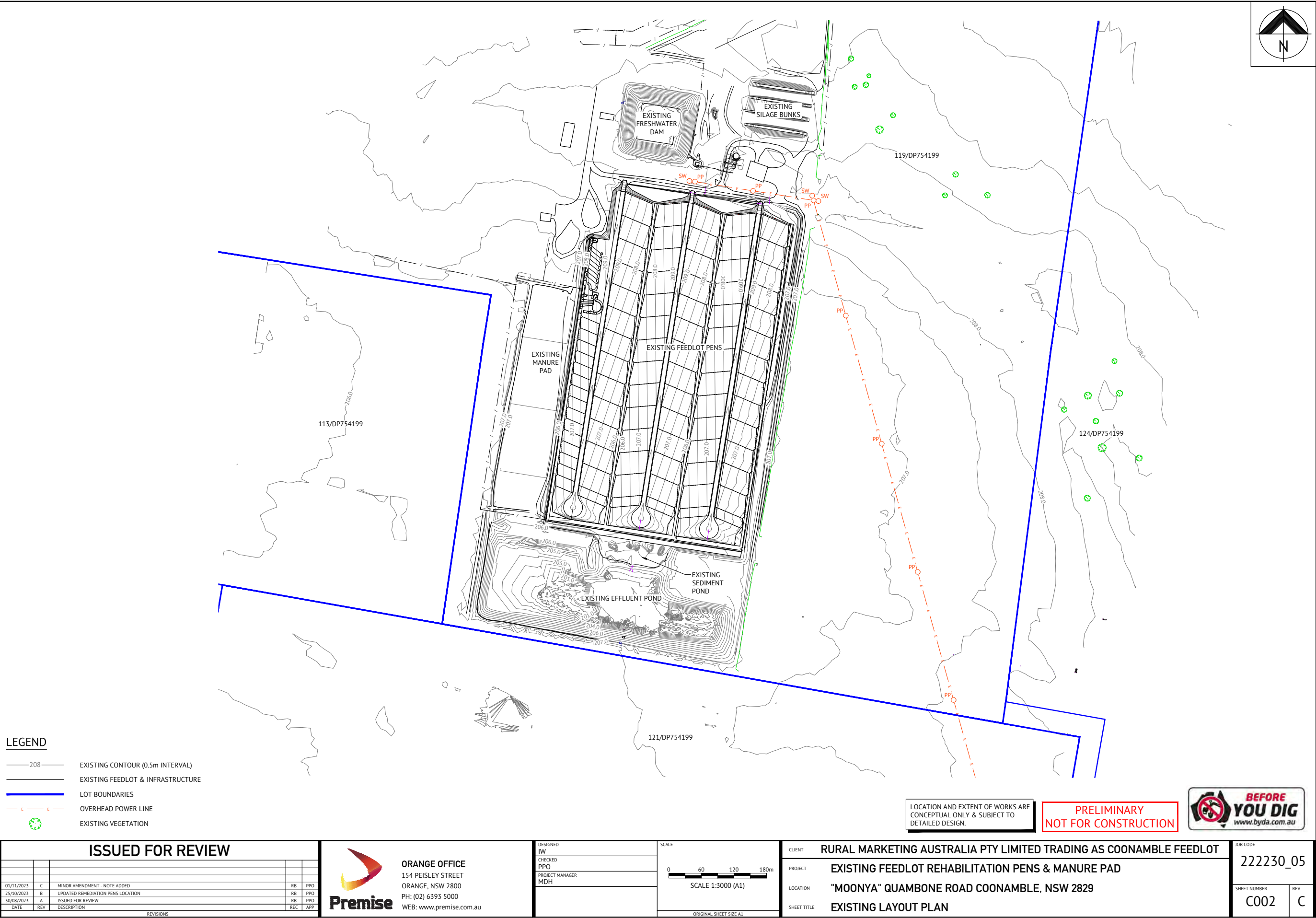
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"MOONYA" QUAMBONE ROAD COONAMBLE, NSW 2829
RURAL MARKETING AUSTRALIA PTY LIMITED TRADING AS COONABLE FEEDLOT
DEVELOPMENT APPLICATION PLANS

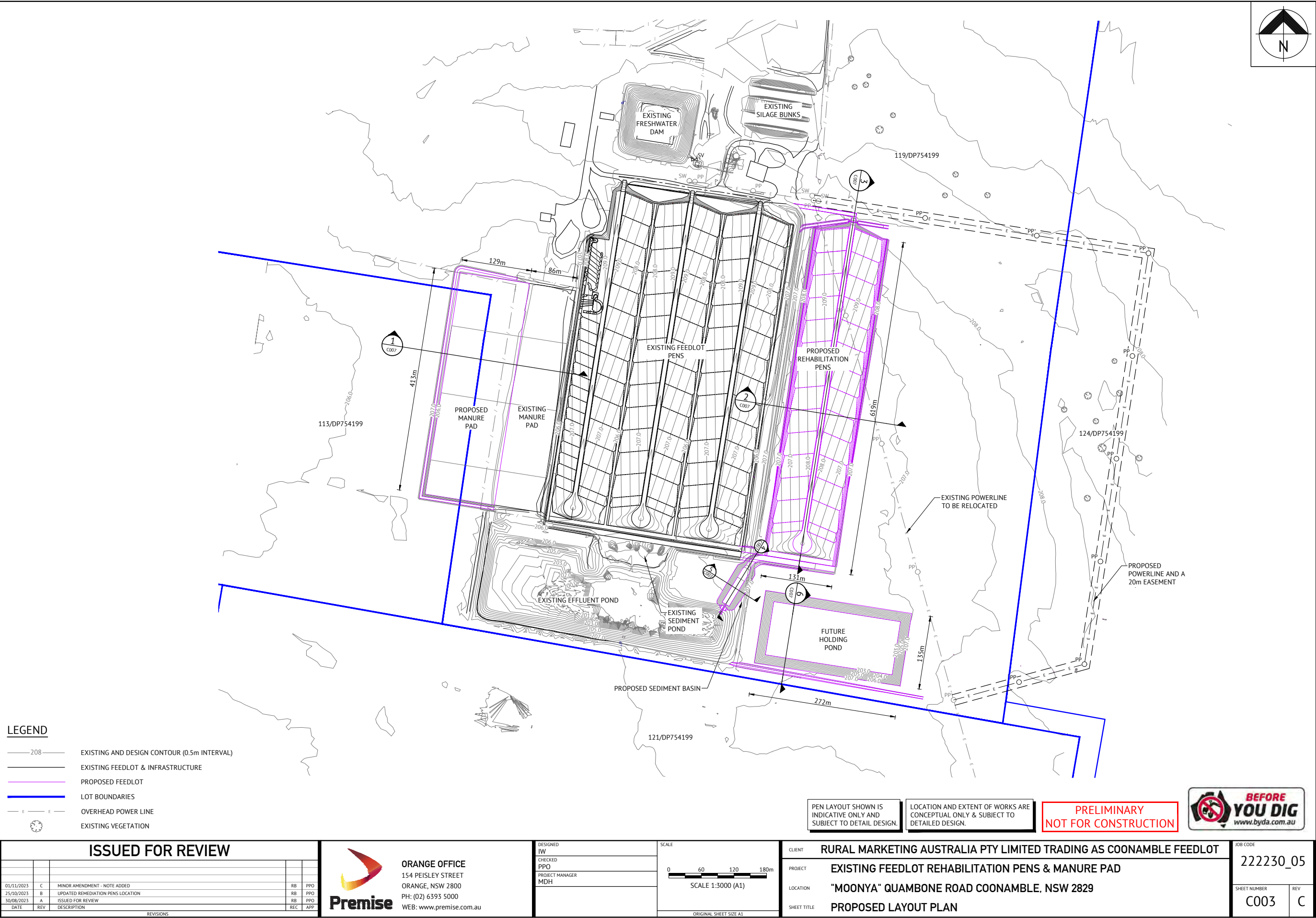


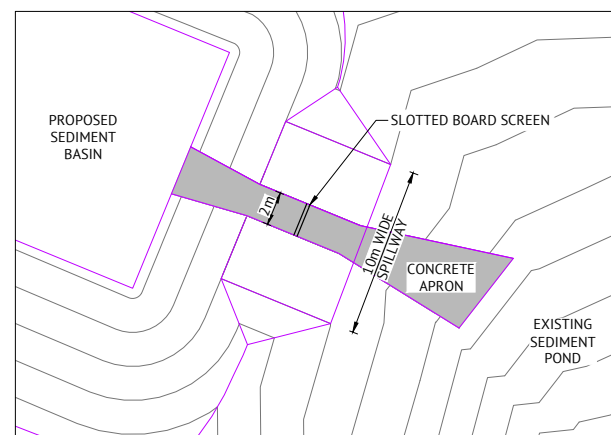
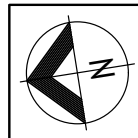
LOCALITY PLAN
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DRAWING SCHEDULE	
DRAWING NO.	DRAWING TITLE
C001	TITLE SHEET & SCHEDULE OF DRAWINGS
C002	EXISTING LAYOUT PLAN
C003	PROPOSED LAYOUT PLAN
C004	BULK EARTHWORKS PROPOSED FEEDLOT PENS LAYOUT PLAN
C005	BULK EARTHWORKS PROPOSED MANURE PAD EXTENSION LAYOUT PLAN
C006	BULK EARTHWORKS CUT-FILL PLAN
C007	BULK EARTHWORKS TYPICAL SECTIONS

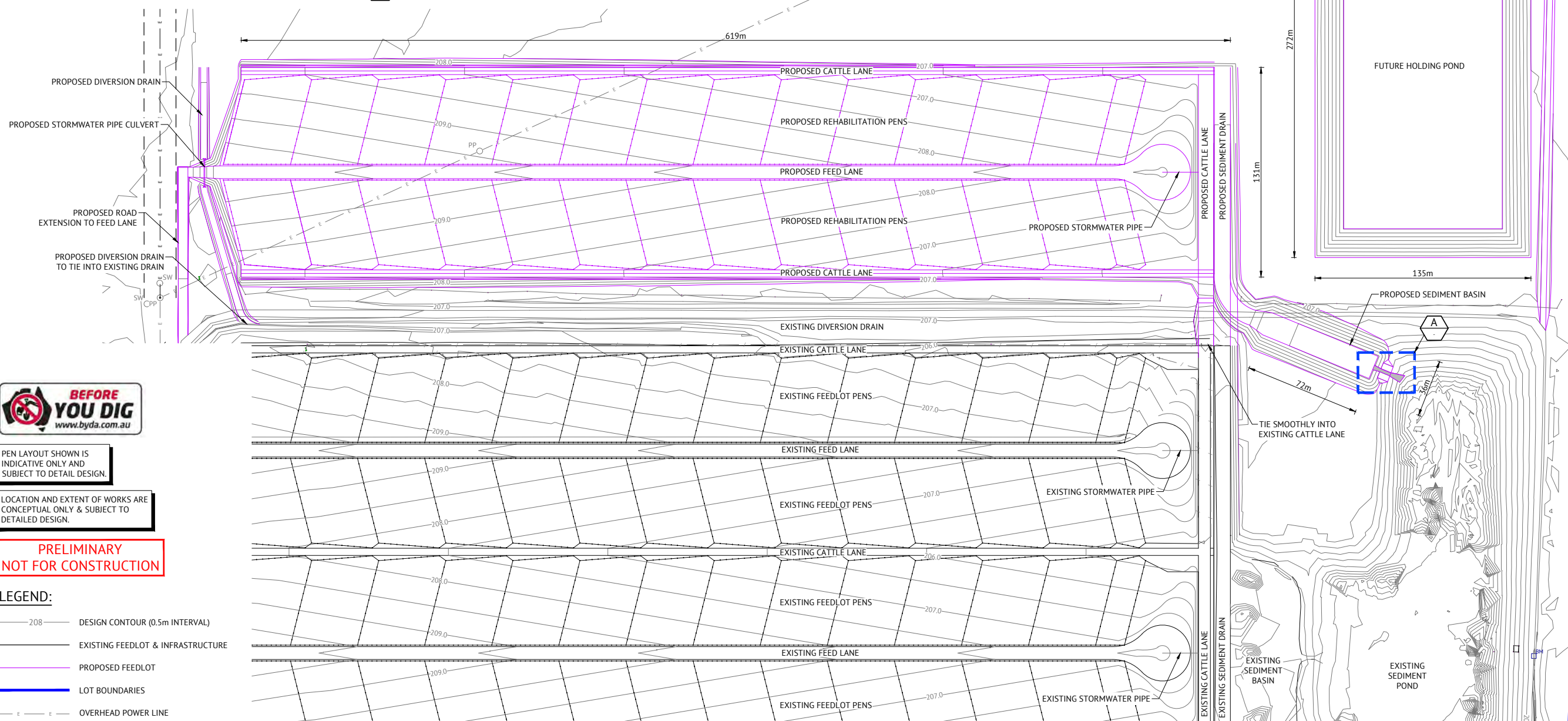
ISSUED FOR REVIEW							<div></div> <div>ORANGE OFFICE 154 PEISLEY STREET ORANGE, NSW 2800 PH: (02) 6393 5000 WEB: www.premise.com.au</div>			DESIGNED IW		SCALE	CLIENT		RURAL MARKETING AUSTRALIA PTY LIMITED TRADING AS COONAMBLE FEEDLOT		JOB CODE																																					
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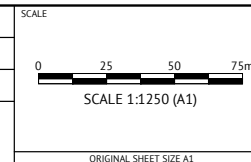
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- — — EXISTING FEEDLOT & INFRASTRUCTURE
- — — PROPOSED FEEDLOT
- — — LOT BOUNDARIES
- E — E — OVERHEAD POWER LINE

ISSUED FOR REVIEW

DATE	REV	DESCRIPTION	REVISIONS
01/11/2023	C	MINOR AMENDMENT - NOTE ADDED	RB PPO
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CLIENT **RURAL MARKETING AUSTRALIA PTY LIMITED TRADING AS COONAMBLE FEEDLOT**

PROJECT **EXISTING FEEDLOT REHABILITATION PENS & MANURE PAD**

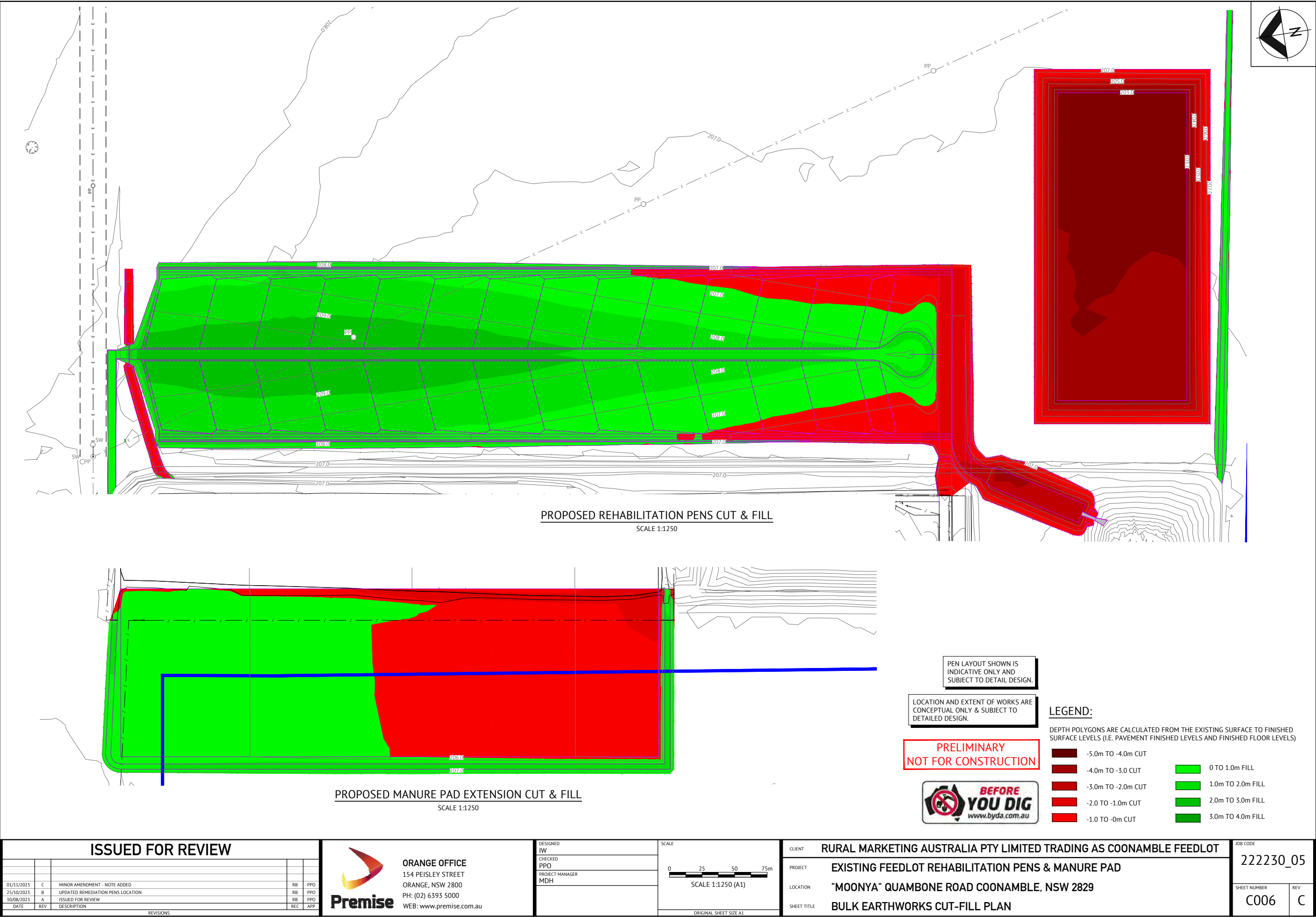
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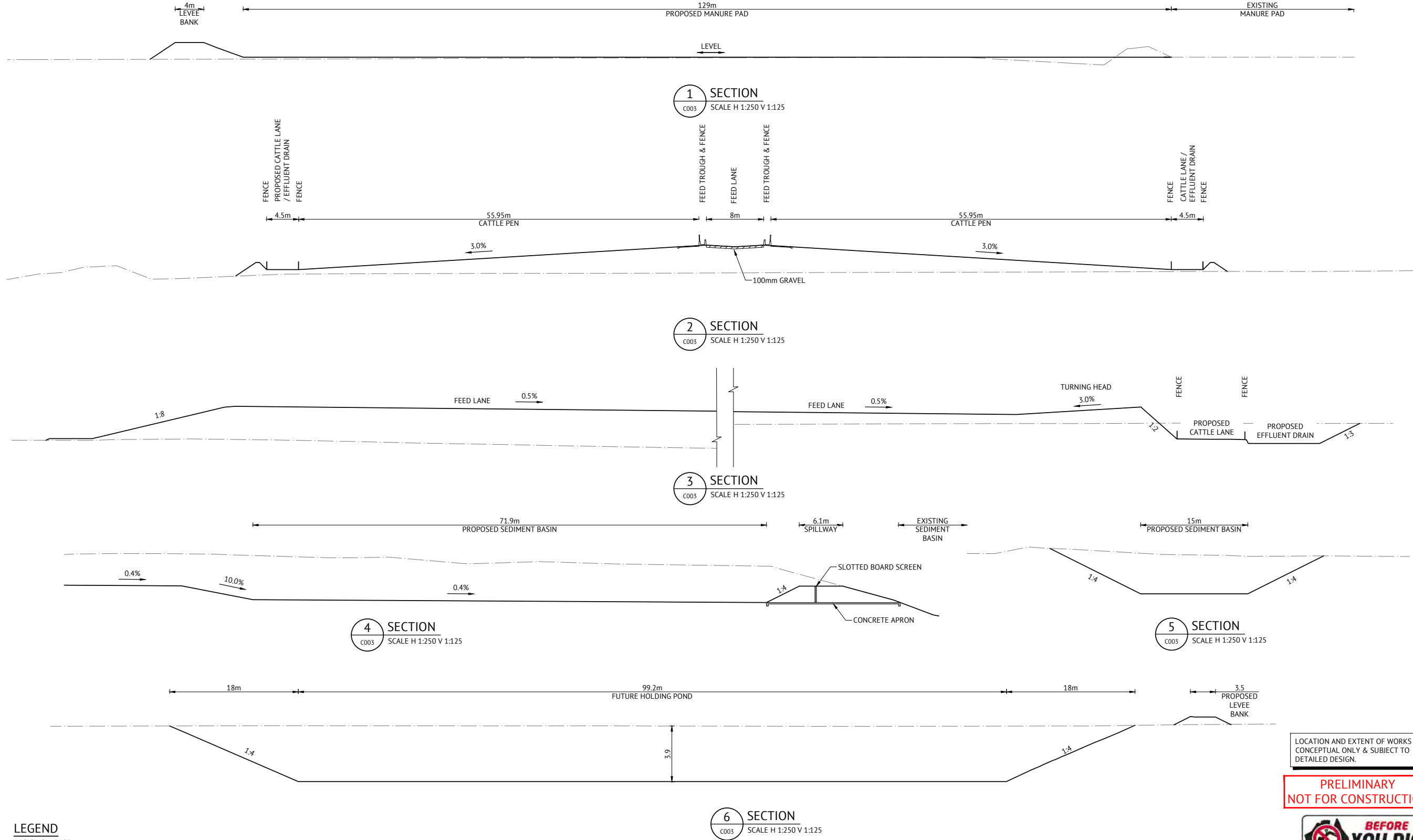
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JOB CODE
222230_05

SHEET NUMBER
C004

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EXISTING SURFACE

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25/10/2023	B	UPDATED REMEDIATION PENS LOCATION		RB	PPO
30/08/2023	A	ISSUED FOR REVIEW		RB	PPO



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CLIENT	RURAL MARKETING AUSTRALIA PTY LIMITED TRADING AS COONAMBLE FEEDLOT
PROJECT	EXISTING FEEDLOT REHABILITATION PENS & MANURE PAD
LOCATION	"MOONYA" QUAMBONE ROAD COONAMBLE, NSW 2829
SHEET TITLE	BULK EARTHWORKS TYPICAL SECTIONS

JOB CODE	222230_05
SHEET NUMBER	C007
REV	C



RURAL MARKETING AUSTRALIA PTY LTD

Proposed Rehabilitation Pens

EFFLUENT MANAGEMENT SYSTEM




Report No: 222230_MMP_001

Rev: B

2 November 2023

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DOCUMENT AUTHORISATION					
Revision	Revision Date	Report Details			
A	25/10/23	Draft for client review			
B	02/11/23	Final			
Prepared By		Reviewed By		Authorised By	
Stephan Defoy		Martin Haeger		Daniel Drum	

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APPENDICES

APPENDIX A PROPOSED FEEDLOT LAYOUT

1. INTRODUCTION

Rural Marketing Australia Pty Ltd are submitting a Development Application (DA) for alterations and additions to the existing Moonya feedlot. The proposed alterations and additions involve the construction of a further 26 pens to the immediate east of the existing feedlot pens, expansion of the existing manure pad to the immediate west of the existing facility and other ancillary works including associated infrastructure and earthworks.

The proposed alterations and additions are required to facilitate ongoing repairs and upgrades to the existing feedlot facility without the need to de-stock. The proposed alterations and additions do not seek to make any other change to the operation of the existing facility, including the overall 10,000 head capacity.

The feedlot is licensed by the NSW Environment Protection Authority (EPA) (Environment Protection Licence (EPL) 12467).

1.1 Scope

The existing 10,000 head feedlot was designed in accordance with the *National Guidelines for Beef Cattle Feedlots in Australia* (MLA, 2012a) (National Guidelines) and *The National Beef Cattle Feedlot Environmental Code of Practice* (MLA, 2012b) (Environmental Code of Practice).

Runoff from the controlled drainage area (CDA) of the existing feedlot is managed through a sediment basin and holding pond and reused for irrigation.

The proposed rehabilitation pens would include a separate sediment basin which would discharge to the existing holding pond. The expanded manure pad would drain directly to the existing holding pond.

This report details the sizing of the proposed sediment basin for the rehabilitation pens and demonstrates how the additional site runoff can be managed by the existing holding pond and reuse area.

2. EFFLUENT MANAGEMENT SYSTEM

2.1 Overview

The proposed rehabilitation pens (Rows F and G) would be located to the east of the existing feedlot pens. A proposed separate sediment basin would collect effluent from this feedlot upgrade and would discharge to the existing holding pond.

Runoff from the proposed manure pad expansion would discharge directly to the existing holding pond, consistent with the existing drainage system.

The layout of the proposed alterations and additions is presented in **Appendix A**.

2.2 Effluent Management System

A controlled drainage area (CDA) has been designed around the proposed rehabilitation pen area to ensure all runoff is captured by the effluent management system.

2.3 Sediment Basins Sizing

2.3.1 EXISTING SEDIMENTATION BASIN

The existing sedimentation has a volume of 4,100 m³. The maximum surface area is 5,516 m² and the average depth is 0.7 m. The existing sediment volume (4,100 m³) is more than the volume required to cater for the peak flow rate from a design storm having an average recurrence interval (ARI) of 20 years (3,300 m³) (Geolyse, 2006).

2.3.2 SEDIMENTATION BASIN FOR REHABILITATION PENS

The proposed sedimentation basin for the rehabilitation pens was sized in accordance with the National Guidelines (MLA, 2012) for a 20 year ARI rainfall event. The required volumetric design capacity of the sedimentation system is determined using the following formula:

$$V_p = Q_p \times \frac{L}{W} \times \frac{\lambda}{v}$$

Where:

- V_p = required sedimentation system volume (m³);
- Q_p = peak flow rate (m³/s) for a 20-years ARI design storm;
- $\frac{L}{W}$ = length to width or aspect ratio of the system (adopted 2);
- λ = a scaling factor (adopted 2.5); and
- v = design flow velocity (m/s) (adopted 0.005 m/s).

The peak flow rate (Q_p) for a 20 year ARI design storm was calculated using the rational method formula:

$$Q_p = \frac{C \times I \times A}{360}$$

Where:

- Q_p = peak flow rate for a 20 year ARI storm event;
- C = runoff coefficient;
- I = rainfall intensity of 20-year ARI design storm (mm/hr); and
- A = catchment area (ha).

The catchment characteristics for sedimentation basin are given in **Table 1**:

Table 1 – CDA catchment areas

System	Catchment type	Catchment area (m ²)	Runoff coefficient	Equivalent runoff area
Sedimentation basin for rehabilitation pens	Pens	63,112	0.8	50,490
	Hard	16,868	0.8	13,494
	Soft	4,148	0.4	1,659
	Total	84,128	0.78	65,643

The catchment time of concentration was estimated using Bransby Williams Formula, which is given by:

$$t_c = \frac{58 \times L}{A^{0.1} \times S_e^{0.2}}$$

Where:

- t_c = time of concentration (min);
- L = mainstream length (km);
- A = area of catchment (km²); and
- S_e = equal area slope (m/km).

The rehabilitation pens characteristics considered to determine the catchment time of concentration are presented in **Table 2**.

Table 2 – Rehabilitation pens parameters

Parameters	Value	Units
Pen slope	3.00	%
Drain Slope	0.50	%
Pen overland flow length	59.0	m
Pen overland flow time	8.2	min
Drain length	780.0	m
Drain flow time*	26	min
Time of concentration (t_c)	34.2	min

*Based of a drain velocity of 0.7m/s

The peak flow for a catchment time of concentration of 34 min for a 20 ARI storm event is, $Q_p = 1.37 \text{ m}^3/\text{s}$.

The minimum sediment basin volume required for the peak flow, with a 10% buffer capacity is, $V_p = 1,512 \text{ m}^3$.

The proposed sedimentation terrace has a maximum volume capacity of 1,620 m³.

2.4 Holding Pond

The original sizing of the holding pond required a minimum volume of 35 ML to capture run-off of a 1 in 50 years, 24 hours storm (Geolyse, 2006). As the earth excavated from the holding pond was used to build the existing feedlot pens, the final holding pond volume exceeded the minimum design volume required.

Volumes derived from a survey of the holding pond are presented in **Table 3**. The survey data indicates more capacity in the holding pond compared to the minimum required volume.

Table 3 – Surveyed existing pond parameters

Parameter	Value	Unit
Volume to base of slotted board on sediment basin	60,000	m ³
Volume to lower end of feedlot drainage system	120,000	m ³
Surface Area	37,026	m ²
Depth	4.7	m

2.5 Water Balance Modelling

Water balance modelling was undertaken to determine if the existing holding pond would have enough capacity to accommodate the extra runoff from the rehabilitation pens and expanded manure pad. The design objective is to ensure the average spilling frequency less than one in ten years.

It is important to note that the system is constructed in such a way that the holding pond cannot spill, until stored effluent backs up into the bottom third of the existing pens and drains. The nominal design capacity of the holding pond is to the point where it would back-up into the sediment basin. In very wet conditions, stored effluent could continue to back-up through the sediment basin, and in the worst case, it might reach the effluent drain (i.e. the inlet of the sedimentation basin).

Based on survey data, and taking into account the point when the water stored in the holding pond would reach the level of the slotted board weir connecting to the sedimentation basin, and considering that the sedimentation basin is positioned 50mm higher than the level of the slotted board weir in the holding pond, effluent would begin to back up into the sediment basin when holding pond reaches approximately a volume of 60 ML. Stored effluent would back up to the main effluent drain if its holding pond volume shall approach 120 ML.

2.5.1 CONTROLLED DRAINAGE AREA AND HYDROLOGY

The controlled drainage area (CDA) includes the:

- existing feed pens, access laneway, feed lanes and drains;
- proposed rehabilitation pens;
- existing and proposed sedimentations basins;
- existing and proposed manure pad expansion; and
- existing holding pond.

Daily-step hydrological modelling of the CDA, sedimentation basins and holding pond has been used to establish that the sedimentation basins (existing and proposed) and existing holding pond can accommodate effluent from the rehabilitation pens and manure pad expansion.

The model uses 134 years of daily climate data (SILO data) for the location.

Runoff from the CDA was calculated using the United States Department of Agriculture Soil Conservation Service (USDA SCS) rainfall runoff model which is represented by the following equation:

$$R = \frac{P - 5 \times \left[\left(\frac{1000}{K} - 10 \right) \right]^2}{P + 20 \times \left[\left(\frac{1000}{K} - 10 \right) \right]}$$

Where:

- R = runoff (mm);
- P = precipitation (mm); and
- K = catchment index representative of the soil-cover complex in the catchment.

Different values of the catchment index, K1, K2 and K3, are applied to represent respectively very dry, normal, or very wet soil/manure moisture conditions. The K values typically applicable to feedlot catchments are shown in **Table 4**.

Table 4 – Catchment index values

Catchment	K1 (very dry)	K2 (normal)	K3 (very wet)
Pens	92	93	95
Hard	96	96	96
Soft	57	75	88
Rain in preceding 10 days (mm)	0	10	30

2.5.2 WATER BALANCE RESULTS

Water balance model results for the rehabilitation pens and expanded manure pad area are shown on **Figure 1**. This model used:

- The expanded CDA which includes the existing pens, the proposed rehabilitation pens and the expanded manure pad;
- The existing and proposed sediment basins;
- A nominal design volume of 60 ML for the existing holding pond; and
- An irrigation area of 20 ha.

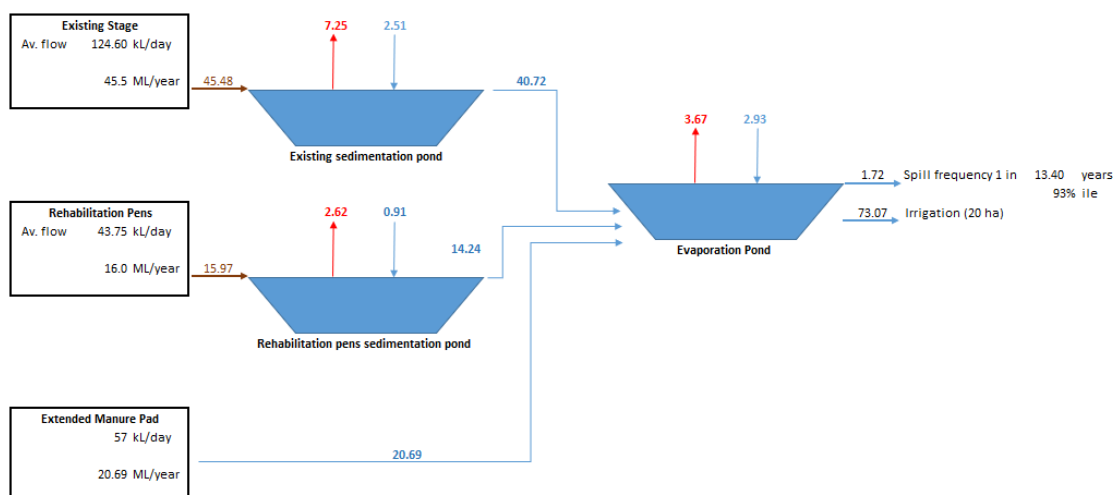
Effluent is removed from the holding pond through evaporation and irrigation. The irrigation area was sized to limit the indicative spill frequency to less than an average of once every ten years (noting that the pond does not actually spill).

Water balance model results show that effluent would:

- Reach the nominal design volume (base of sediment basin) an average of 1 in 13 years (93 percentile); and
- back up to the main effluent drain once in the 134 years modelled (99 percentile).

This shows the existing system can manage the increased flow from the proposed rehabilitation pens and expanded manure pad.

Figure 1 – Water balance diagram (60 ML holding pond and 20 ha irrigation area)



2.6 Pond Liners

The sediment basin for the rehabilitation pens would be constructed with a compacted clay liner. In accordance with the National Guidelines, the minimum depth recommended for the clay liner would be 300 mm after compaction. Clays would be tested and compacted to ensure a maximum permeability of 1×10^{-9} m/s.

3. WASTE UTILISATION

3.1 Liquid Effluent

Liquid effluent would be irrigated across a 20 ha irrigation area. This irrigation area would be used to grow crops that would supply part of the feed requirements for the feedlot.

The water balance model shows that an average of around 73 ML/year would be irrigated which equates to a hydraulic load of 3.65 ML/ha/year across the 20 ha irrigation area.

A typical cropping program would include rotations of lucerne and double cropping with winter and summer crops. The following nutrient balances are based on lucerne as this would have a lower combined nutrient uptake compared to a double crop.

3.2 Hydraulic, Organic and Nutrient Loading

3.2.1 HYDRAULIC LOADING

The feedlot runoff modelling indicates an average runoff volume of 73.1 ML/year, which would be irrigated after pond losses.

This equates to an average irrigation application of 3.65 ML/ha/year over 20 ha. This is a low annual irrigation which would not fully meet crop water requirements. Smaller areas could be irrigated each year and rotated to help maintain crop yield.

3.2.2 NUTRIENT LOADING

The principal objective of using effluent irrigation is to use or immobilise the added nutrients quickly to prevent potential contamination of surface and groundwaters. To achieve this, the amount of each nutrient applied in the effluent must be less than or similar to the amount removed from the site as well as the fixing of phosphorus by the soil. The nutrients of greatest environmental concern are nitrogen and phosphorus.

The typical concentration of total nitrogen and total phosphorus in the effluent is (Geolyse, 2006):

- 150 (mg/L) of total nitrogen; and
- 40 (mg/L) of total phosphorus.

Lucerne nutrient uptake is provided in **Table 5**:

Table 5 – Lucerne yield and nutrient removal

Crop	Dry matter yield (t/ha/year)	Nitrogen % (kg/ha/year)	Phosphorus % (kg/ha/year)
Lucerne	15	3.5%	0.4%
		525	60

Table 6 shows the nutrient balances for lucerne considering:

- An irrigation area of 20 ha;
- An average effluent application of 3.65 ML/ha/year of effluent;
- A nitrogen volatilisation loss of 10% during irrigation; and
- Nutrient removal rates listed in **Table 5**.

The nutrient balance for a 20 ha irrigation area indicates a small deficit of nitrogen and a slight surplus of phosphorus. This phosphorus excess would be retained in the soil profile. A typical phosphorus sorption capacity for the soil type is around 200 mgP/kg and equates to a safe phosphorus storage capacity of 3,600 kg/ha for a 1.5 m deep root zone. The slight phosphorus excess for lucerne could accumulate in the soil profile for around 42 years before some phosphorus movement through the soil profile may occur. Nitrogen deficit could be compensated by manure and/or fertiliser application.

Table 6 – Effluent utilisation area nutrient balance – lucerne – 25 ha

Parameter	Units	Nitrogen	Phosphorus
Effluent applied	ML/ha/year	3.65	3.65
Nutrient content	mg/L	150	40
Irrigated effluent available for plant uptake	kg/ha/year	493	146
Total crop removal	kg/ha/year	525	60
Balance	kg/ha/year	-32	86

3.3 Solid Wastes

Solid waste from the feedlot operation include:

- Manure regularly removed from the pens;
- Settled solids collected in the sediment basins; and
- Carcasses.

All solid wastes removed from the pens and sediment basins are temporarily stored in the manure stockpile area until they can be spread onsite to support the cropping program or removed offsite.

The proposed rehabilitation pens would be used in rotation with the existing pens to allow pen remediation work on the existing pens to occur. The number of head housed in the feedlot will remain unchanged. As such, the amount of solid waste generated from the pens and sediment basins will also remain unchanged.

Therefore, there would be no change to the existing approved solids waste management practices.

3.4 Monitoring

Management of the effluent reuse scheme needs to be adaptive in response to monitoring data. While the assessment indicates the system can handle the expected hydraulic and nutrient load, monitoring is used to identify any departure from the plan and would be used as the basis to adjust aspects of the waste management plan if required.

Monitoring will continue to be undertaken as per requirement of EPL 12467.

4. CONCLUSION

Rural Marketing Australia Pty Ltd are proposing alterations and additions to the existing Moonya Feedlot including the development of rehabilitation pens and an expanded manure pad. The rehabilitation pens would be used in rotation with the existing pens to allow pen remediation work on the existing pens to occur. The number of head housed in the feedlot will remain unchanged.

The proposed rehabilitation pens would include a separate sediment basin which would discharge to the existing holding pond. The expanded manure pad would drain directly to the existing holding pond.

This report details the sizing of the proposed sediment basin for the rehabilitation pens and demonstrates how the additional site runoff can be managed by the existing holding pond and reuse area. It is concluded that:

- The sediment basin for the rehabilitation pens requires a minimum volume of 1,512 m³;
- The existing holding pond and effluent reuse system can manage the increased hydraulic and nutrient load from the proposed rehabilitation pens and expanded manure pad; and
- There would be no change to the current solid waste management practices as the amount of solid waste generated would not change.

REFERENCES

NSW Agriculture - Lucerne for pasture and fodder – 2003

MLA (2012a) *National Guidelines for Beef Cattle Feedlots in Australia*, 3rd edition. Sydney, NSW: Meat and Livestock Australia.

Geolyse (2006) *Environment Protection Licence Moonya Feedlot – Licence Variation Supporting Information* – September 2006



APPENDIX A

PROPOSED FEEDLOT LAYOUT



Premise



premise.com.au



Operational Plan


Our People

We are connected, cohesive and vibrant


Initiate and contribute to effective and needs-based community programs which enhance engagement

Improve community and youth services through enhanced programs, procedures and processes.


Action: P1.1.1.1 Promote and support the development of a whole of community Youth Interagency Framework which builds on collaboration.

DP Action	Operational Plan Action	Responsible Officer	Progress	Comments	Traffic Lights
Improve community and youth services through enhanced programs, procedures and processes.	P1.1.1.1 Promote and support the development of a whole of community Youth Interagency Framework which builds on collaboration.	Phillip Perram	10%	The appointment of the Community Development Manager and Community Development Officer together with a review of Council's Community Service functions has determined a new way forward with a Community Development Plan to be reported to Council prior to the 30 June 2024. This will include youth services.	

Action: P1.1.1.2 Build on well attended and vibrant youth programs and initiatives including school holiday programs and Youth Council


DP Action	Operational Plan Action	Responsible Officer	Progress	Comments	Traffic Lights
Improve community and youth services through enhanced programs, procedures and processes.	P1.1.1.2 Build on well attended and vibrant youth programs and initiatives including school holiday programs and Youth Council	Phillip Perram	50%	As at 31 December 2023, Council partnered with other local based agencies to develop and deliver the summer school holiday program. Youth Empowerment Program commencing in February 2024 is planned to engage local Aboriginal, Russian, Japanese, Philippine and Caucasian youth.	

Action: P1.1.1.3 Prepare relevant procedures and policies which results in safe, well attended and enhanced programs


DP Action	Operational Plan Action	Responsible Officer	Progress	Comments	Traffic Lights
Improve community and youth services through enhanced programs, procedures and processes.	P1.1.1.3 Prepare relevant procedures and policies which results in safe, well attended and enhanced programs	Phillip Perram	20%	A review of programs will be conducted prior to 30 June 2024 following the commencement of the Manager Community Development and Community Development Officer.	

Enhance safer regulatory and compliance strategies and operations

Action: P1.1.2.1 Review Council's regulatory and compliance services including policies, procedures and community engagement tools.

DP Action	Operational Plan Action	Responsible Officer	Progress	Comments	Traffic Lights
Enhance safer regulatory and compliance strategies and operations	P1.1.2.1 Review Council's regulatory and compliance services including policies, procedures and community engagement tools.	Phillip Perram	5%	Enforcement Policy, Infant and Feral Animal Policy and Local Orders Policy for Overgrown Vegetation to be developed by 30 June 2024 Companion Animals Management Plan and Keeping of Domestic Animals Policy scheduled for review by 30 June 2024	

Action: P1.1.2.2 Develop an action plan to address the housing issues within our communities.

DP Action	Operational Plan Action	Responsible Officer	Progress	Comments	Traffic Lights
Enhance safer regulatory and	P1.1.2.2 Develop an action plan to address	Phillip Perram	0%	A Rural Housing Strategy will be placed on exhibition in early 2024. A scope has been	


DP Action	Operational Plan Action	Responsible Officer	Progress	Comments	Traffic Lights
compliance strategies and operations	the housing issues within our communities.			developed for Coonamble Shire Housing Strategy with a suitably qualified consultant scheduled for appointment in the 4th quarter.	

We are healthier

Improve access to health services locally.

Connect with key health service stakeholders and collaboratively advocate for enhanced local health services

Action: P1.2.1.1 Action the Economic Development Strategy 2021 (2.3.1) to work with our community's health services stakeholders to understand and address gap areas in our health services via a gap analysis.


DP Action	Operational Plan Action	Responsible Officer	Progress	Comments	Traffic Lights
Connect with key health service stakeholders and collaboratively advocate for enhanced local health services	P1.2.1.1 Action the Economic Development Strategy 2021 (2.3.1) to work with our community's health services stakeholders to understand and address gap areas in our health services via a gap analysis.	Phillip Perram	0%	A proposal will be prepared for the 2024-25 budget for a health services gap analysis.	

We feel safe, secure and supported


Create safe places, spaces and feelings.

Collaborate successfully to deliver programs, projects and initiatives which make our community safe and resilient.

Action: P1.3.1.1 Actively participate in initiatives for the reduction of crime including maintaining and improving our connections with local command, interagency and other service providers.


DP Action	Operational Plan Action	Responsible Officer	Progress	Comments	Traffic Lights
Collaborate successfully to deliver programs, projects and initiatives which make our community safe and resilient.	P1.3.1.1 Actively participate in initiatives for the reduction of crime including maintaining and improving our connections with local command, interagency and other service providers.	Phillip Perram	50%	Community Development Team continue to liaise with service agencies and police	

Action: P1.3.1.2 Achieve crime prevention through environmental design


DP Action	Operational Plan Action	Responsible Officer	Progress	Comments	Traffic Lights
Collaborate successfully to deliver programs, projects and initiatives which make our community safe and resilient.	P1.3.1.2 Achieve crime prevention through environmental design	Phillip Perram	100%		

Ensure we contribute to and plan for disaster preparedness, response and resilience.

Action: P1.3.2.1 Implement Flood Risk Management Plan (2021)'s recommendation and actions


DP Action	Operational Plan Action	Responsible Officer	Progress	Comments	Traffic Lights
Ensure we contribute to and plan for disaster preparedness, response and resilience.	P1.3.2.1 Implement Flood Risk Management Plan (2021)'s recommendation and actions	Kerrie Murphy	0%	Work is progressing in implementing the recommendations/actions from the FRMP. Further implementation of the Flood Risk Management Plan will require funding in the 2024-25 budget.	

Action: Work with agencies for disaster preparation and facility development.

DP Action	Operational Plan Action	Responsible Officer	Progress	Comments	Traffic Lights
Ensure we contribute to and plan for disaster preparedness, response and resilience.	Work with agencies for disaster preparation and facility development.	Kerrie Murphy	100%	LEMC meeting held quarterly, with matters raised placed on future Agendas for further investigations. Council has also facilitated the construction of a new SES building.	


Amend and improve our planning instruments and development control plans.

Action: Review and resolve impediment to the approval of the Coonamble Local Environmental Plan Amendment.


DP Action	Operational Plan Action	Responsible Officer	Progress	Comments	Traffic Lights
Amend and improve our planning instruments and development control plans.	Review and resolve impediment to the approval of the Coonamble Local Environmental Plan Amendment.	Lesley Duncan	50%	Rural Land Use Strategy on public exhibition as a precursor to the LEP amendment	

Authorise domestic animal control initiatives which are successful in reducing issues for our community.


Action: P1.3.4.1 Investigate future opportunities for animal welfare and the pound facility.

DP Action	Operational Plan Action	Responsible Officer	Progress	Comments	Traffic Lights
Authorise domestic animal control initiatives which are successful in reducing issues for our community.	P1.3.4.1 Investigate future opportunities for animal welfare and the pound facility.	Phillip Perram	0%	Preliminary analysis of the location for a pound facility has been completed with a site identified. Domestic animal control initiatives will be incorporated in 2024-25 with the full complement of Rangers and their training completed.	

Action: P1.3.4.2 Deliver an animal welfare program.

DP Action	Operational Plan Action	Responsible Officer	Progress	Comments	Traffic Lights
Authorise domestic animal control initiatives which are successful in reducing issues for our community.	P1.3.4.2 Deliver an animal welfare program.	Phillip Perram	65%	Companion Animal rehousing program continuing. Quambone Blitz to include trial microchipping of Companion Animals and community education in 2024	

Action: P1.3.4.3 Educate and engage with the community and animal owners to improve understanding on companion animal management.


DP Action	Operational Plan Action	Responsible Officer	Progress	Comments	Traffic Lights
Authorise domestic animal control initiatives which are successful in reducing issues for our community.	P1.3.4.3 Educate and engage with the community and animal owners to improve understanding on companion animal management.	Phillip Perram	50%	Participated in Wellbeing Day (19/10/2023) Rangers proactively engaging community,	

Our connection to our culture is stronger than ever


Deliver and support cultural initiatives which strengthen connection to country and traditional and unique identities.

Facilitate creative and artistic initiatives that strengthens our connection to our identities, culture and our land.


Action: P2.1.1.1 Implement the Public Arts Policy and appoint members to the Public Art Panel.

DP Action	Operational Plan Action	Responsible Officer	Progress	Comments	Traffic Lights
Facilitate creative and artistic initiatives that strengthens our connection to our identities, culture and our land.	P2.1.1.1 Implement the Public Arts Policy and appoint members to the Public Art Panel.	David Levick	100%	Funding of \$235,035 was secured to establish the Coonamble Region Art Trail and its proposed components.	

Action: P2.1.1.2 Upon funding approval, construct public art elements of the Masterplan including the Coonamble Region Art Trail.


DP Action	Operational Plan Action	Responsible Officer	Progress	Comments	Traffic Lights
Facilitate creative and artistic initiatives that strengthens our connection to our identities, culture and our land.	P2.1.1.2 Upon funding approval, construct public art elements of the Masterplan including the Coonamble Region Art Trail.	David Levick	100%	The Coonamble, Gulargambone and Quambone entrance public art elements have been completed.	

Action: P2.1.1.3 Support and deliver creative and cultural programs which strengthens our community's identity and connection to each other.


DP Action	Operational Plan Action	Responsible Officer	Progress	Comments	Traffic Lights
Facilitate creative and artistic initiatives that strengthens our connection to our identities, culture and our land.	P2.1.1.3 Support and deliver creative and cultural programs which strengthens our community's identity and connection to each other.	Phillip Perram	70%	Council has participated in or contributed funding for Wellbeing Day, NAIDOC Week and Coonamble Community NAIDOC Celebrations. Planning is continuing for the smoking ceremony and dancers for Australia Day.	

Deliver dynamic and diverse cultural services.

Action: P2.1.2.1 Coordinate dynamic library programs and projects which increase our community's engagement and maintains their satisfaction with our library service

DP Action	Operational Plan Action	Responsible Officer	Progress	Comments	Traffic Lights
Deliver dynamic and diverse cultural services.	P2.1.2.1 Coordinate dynamic library programs and projects which increase our community's engagement and maintains their satisfaction with our library service	Phillip Perram	100%		


Action: P2.1.2.2 Provide opportunities to the Aboriginal and Multicultural members of our communities in cultural activities.

DP Action	Operational Plan Action	Responsible Officer	Progress	Comments	Traffic Lights
Deliver dynamic and diverse cultural services.	P2.1.2.2 Provide opportunities to the Aboriginal and Multicultural members of our communities in cultural activities.	Phillip Perram	75%	Support, participate and/or financially contribute to events including Interrelate Wellbeing Day (19/10/2023), Coonamble Community NAIDOC Celebration (22/09/2023) and Gulargambone Grow Event (8/09/2023). Planning for participation of in Australia Day and School Holiday Programs.	


Plan, support and deliver an exciting and diverse community events scene where our community and our visitors can celebrate, engage and connect.

Encourage, host and promote dynamic and vibrant program of events and activities

Action: P2.2.1.1 Identify and invest in infrastructure and upgrades which facilitate the hosting of events in the LGA

DP Action	Operational Plan Action	Responsible Officer	Progress	Comments	Traffic Lights
Encourage, host and promote dynamic and vibrant program of events and activities	P2.2.1.1 Identify and invest in infrastructure and upgrades which facilitate the hosting of events in the LGA	David Levick	50%	The Coonamble sportsground playing fields have been expanded to enable both increased capacity and multiple sports. Additionally, the amenities and canteen upgrade is scheduled for completion in March and the new change rooms will be completed prior to 30 June 2024. The Gulargambone sportsground irrigation has been upgraded and the amenities are scheduled to be completed prior to 30 June 2024.	

Action: P2.2.1.2 Deliver and build capacity of our community to host and attract regular and signature events.


DP Action	Operational Plan Action	Responsible Officer	Progress	Comments	Traffic Lights
Encourage, host and promote dynamic and vibrant program of events and activities	P2.2.1.2 Deliver and build capacity of our community to host and attract regular and signature events.	David Levick	20%	Coonamble Shire currently hosts over 100 events annually. An Events Summit is being held in March 2024 to increase collaboration, promote skill and resource sharing and identify gaps in the community's capability to conduct events.	

We are the community of good sports

Provide support to our sporting, recreation and community organisations which drives improved sporting and recreational opportunities for our community.

Build capacity through sporting, recreation and community initiatives to sustain and/or grow their offering to the community

Action: P3.1.1.1 Deliver grant funding application support to sporting, recreation and community organisations to sustain and grow their offering to the community


DP Action	Operational Plan Action	Responsible Officer	Progress	Comments	Traffic Lights
Build capacity through sporting, recreation and community initiatives to sustain and/or grow their offering to the community	P3.1.1.1 Deliver grant funding application support to sporting, recreation and community organisations to sustain and grow their offering to the community	David Levick	30%	Funding of \$520,000 was secured under the Stronger Country Communities Fund to replace and upgrade the amenities at the Gulargambone Sportsground. Construction is expected to be completed by 30 June 2024.	

Improve the quality of our parks, open spaces, sporting and recreational facilities, including the MacDonald Park Masterplan Precinct.

Work is progressing on MacDonald Park with the installation of a new Gazebo and new toilet facilities being investigated. Council is also improving the supply of water for the purposes of irrigation.


Progress the Masterplan for MacDonald Park Precinct.

Action: P3.2.1.1 Community consultation for MacDonald Park Masterplan undertaken.

DP Action	Operational Plan Action	Responsible Officer	Progress	Comments	Traffic Lights
Progress the Masterplan for MacDonald Park Precinct.	P3.2.1.1 Community consultation for MacDonald Park Masterplan undertaken.	Mick Bell	100%	Workshop held with Councillors and recommendations have been accepted.	

Further advance the Coonamble Sportsground facility to meet the needs and expectations of our local, regional and state sporting and recreation stakeholders.

Action: P3.2.2.1 Improve and attract funding for our sporting facilities across the LGA including: completed Coonamble Sportsground's female changerooms and public amenities; completed Gulargambone Sportsground canteen and amenities.

DP Action	Operational Plan Action	Responsible Officer	Progress	Comments	Traffic Lights
Further advance the Coonamble Sportsground facility to meet the needs and expectations of our local, regional and state sporting and recreation stakeholders.	P3.2.2.1 Improve and attract funding for our sporting facilities across the LGA including: completed Coonamble Sportsground's female changerooms and public amenities; completed Gulargambone Sportsground canteen	David Levick	35%	Grant funding under the Drought Support Program was varied to improve the irrigation and the canteen facilities at the Coonamble Sportsground. A grant of \$450,000 was secured under the Stronger Country Communities Fund to construct women's changeroom facilities at the Sportsground. A further grant of \$491,850 was secured under the Female Friendly Community Sport Facilities and Lighting Upgrades Grant Program to upgrade the changerooms under the grandstand,	

DP Action	Operational Plan Action	Responsible Officer	Progress	Comments	Traffic Lights
	and amenities.			suitable for use by women, as well as to improve the disability toilet and other public toilets at the Sportsground to encourage more participation of girls in sports and as spectators. Implementation of these grant-funded projects is scheduled for the next reporting period.	


Our Economy

Our economy is sustainable, prosperous and diversified

Grow our reputation as an LGA of choice to live, work and invest.

Develop and deliver Coonamble LGA brand building initiatives as per the Economic Development Strategy 2021 and including the LGA's workforce challenges.


Action: ED1.1.1.1 Real Country Strategy progressed including business case for the associated tourism infrastructure. Funding pursued.

DP Action	Operational Plan Action	Responsible Officer	Progress	Comments	Traffic Lights
Develop and deliver Coonamble LGA brand building initiatives as per the Economic Development Strategy 2021 and including the LGA's workforce challenges.	ED1.1.1.1 Real Country Strategy progressed including business case for the associated tourism infrastructure. Funding pursued.	David Levick	60%	Council has determined that the Warrena Weir and the Coonamble interface will be the basis of the business case prepared under the Real Country Strategy. Funding will be sought following completion of the Business Plan 2024. This collaboration with Gilgandra and Warrumbungle Shire Councils offers a significant opportunity for increased local tourism.	


Progress strategic Economic Development and Growth priority projects: Coonamble CBD precinct including laneway and carparking, and beautification projects at Quambone and Gulargambone.

Action: ED1.1.2.1 Masterplan priority project: Street Tree Transition Planting 2033 for Coonamble, Gulargambone and Quambone – consultation complete, planting commenced.

DP Action	Operational Plan Action	Responsible Officer	Progress	Comments	Traffic Lights
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DP Action	Operational Plan Action	Responsible Officer	Progress	Comments	Traffic Lights
Progress strategic Economic Development and Growth priority projects: Coonamble CBD precinct including laneway and carparking, and beautification projects at Quambone and Gulargambone.	ED1.1.2.1 Masterplan priority project: Street Tree Transition Planting 2033 for Coonamble, Gulargambone and Quambone - consultation complete, planting commenced.	Mick Bell	30%	Trees have been planted in the street adjacent to the Quambone School. The Tree Planting Program is scheduled for the cooler months. In respect of the Coonamble CBD precinct, Council has taken the initiative to buy the Sons of the Soil.	

Action: ED1.1.2.2 Masterplan priority project: Progress reactivation opportunities/projects for Coonamble CBD including property development


DP Action	Operational Plan Action	Responsible Officer	Progress	Comments	Traffic Lights
Progress strategic Economic Development and Growth priority projects: Coonamble CBD precinct including laneway and carparking, and beautification projects at Quambone and Gulargambone.	ED1.1.2.2 Masterplan priority project: Progress reactivation opportunities/projects for Coonamble CBD including property development	David Levick	50%	Action on the Coonamble Shire Masterplan includes progress with: <ul style="list-style-type: none"> • A walking loop around the Coonamble Sportsground (funding secured through the Stronger Country Communities Fund) • A footpath along Limerick Street, Coonamble (rather than a riverwalk from the CBD to Nebea Street, that was not feasible given riverbank erosion and land ownership) (funding secured through the Active Transport TfNSW fund). • A footpath design from the Multipurpose Service (hospital) to the 	

DP Action	Operational Plan Action	Responsible Officer	Progress	Comments	Traffic Lights
				<p>Showground (funded through Active Transport TfNSW for design only has been secured).</p> <ul style="list-style-type: none"> Continued the process of land acquisition for the Coonamble Artesian Bathing Experience in River Road. 	

Adopt strategies which produce adequate and quality education choices for our community, from early childhood to tertiary and beyond.

Support and engage with our community and education providers to ensure our community's education needs from early childhood to tertiary, are understood and met

Action: ED1.3.1.1 Commence an education mapping exercise for the LGA to understand the needs and priorities of our community and education providers.

DP Action	Operational Plan Action	Responsible Officer	Progress	Comments	Traffic Lights
Support and engage with our community and education providers to ensure our community's education needs from early childhood to tertiary, are understood and met	ED1.3.1.1 Commence an education mapping exercise for the LGA to understand the needs and priorities of our community and education providers.	David Levick	5%	Council is undertaking the creation of a Community Development Plan with service agencies and education providers. This plan will be presented to Council before 30 June 2024 and is expected to identify needs and priorities across the community.	


Our Infrastructure

Our road network makes it possible for our economy, industries and community to prosper

Employ a strategic approach to the management of our critical road network.


Complete, adequately resource and deliver upon the road network's Asset Management Plan.

Action: I1.1.1.1 Implement actions from the Road Asset Management Plans (AMP).

DP Action	Operational Plan Action	Responsible Officer	Progress	Comments	Traffic Lights
Complete, adequately resource and deliver upon the road network's Asset Management Plan.	I1.1.1.1 Implement actions from the Road Asset Management Plans (AMP).	Kerr Kylie	100%	The development and resourcing of the roads SAMP is done and continuing in conjunction with the operational plan	


Plan and achieve strategic and efficient roads programs and operations.

Action: I1.1.2.1 Increase the capacity and efficiency of our roads teams through training, development and operations.

DP Action	Operational Plan Action	Responsible Officer	Progress	Comments	Traffic Lights
Plan and achieve strategic and efficient roads programs and operations.	I1.1.2.1 Increase the capacity and efficiency of our road's teams through training, development and operations.	Kerr Kylie	35%	A work program for the acquittal of grant funding has been developed for execution. Council is incorporating use of hired plant to extend works delivery. Staff have been going through professional development in road maintenance practices.	


Engage successfully with the community to achieve improved understanding of the needs and expectations of our community in regards to our road network.

Action: I1.1.3.1 Progress our engagement with the community via the Roads committee.


DP Action	Operational Plan Action	Responsible Officer	Progress	Comments	Traffic Lights
Engage successfully with the community to achieve improved understanding of the needs and expectations of our community in regard to our road network.	I1.1.3.1 Progress our engagement with the community via the Roads committee.	Kerrie Murphy	100%	Council has resolved to conduct engagement directly with the community and not have a Roads Committee.	

Develop and deliver strategies for our road network which maximises external funding opportunities.

Action: I1.1.4.3 Maximise external funding opportunities for our road network. Block, Reg Road

DP Action	Operational Plan Action	Responsible Officer	Progress	Comments	Traffic Lights
Develop and deliver strategies for our road network which maximises external funding opportunities.	I1.1.4.3 Maximise external funding opportunities for our road network. Block, Reg Road	Kerr Kylie	100%	Funding has been maximised for roads with over 35 million in external funding approvals.	


Action: I1.1.4.1 Deliver funded disaster works across road network.

DP Action	Operational Plan Action	Responsible Officer	Progress	Comments	Traffic Lights
Develop and deliver strategies for our road network which	I1.1.4.1 Deliver funded disaster works across	Kerr Kylie	100%	Council has engaged, through Plant Hire Tender, contractors to assist with delivery of the AGRN987 Flood damage works.	

DP Action	Operational Plan Action	Responsible Officer	Progress	Comments	Traffic Lights
maximises external funding opportunities.	road network.			The work on each road will also receive maintenance. This action is complete for this Financial Year.	

Complete the Tooraweenah Road upgrade project, on time and on budget.

Action: I1.1.5.1 Achieve 50% completion of the Tooraweenah Rd upgrade project. Completed on time and on budget


DP Action	Operational Plan Action	Responsible Officer	Progress	Comments	Traffic Lights
Complete the Tooraweenah Road upgrade project, on time and on budget.	I1.1.5.1 Achieve 50% completion of the Tooraweenah Rd upgrade project. Completed on time and on budget	Kylie Kerr	15%	Further design was required, including additional flood modelling. These outcomes will be used to finalise draft design.	

Our water infrastructure and services are fit for our community and our future

Strengthen our strategic approach to the management of our water infrastructure and services.

Complete, adequately resource and successfully implement strategic plans for our water infrastructure.

Action: I1.2.1.2 Adopt the Integrated Water Cycle Management Plan.

DP Action	Operational Plan Action	Responsible Officer	Progress	Comments	Traffic Lights
Complete, adequately resource and successfully	I1.2.1.2 Adopt the Integrated Water Cycle	Sergei Iagunkov	40%	Draft IWCM report received, and Council's response completed. Working group meetings are being held every 2 weeks.	


DP Action	Operational Plan Action	Responsible Officer	Progress	Comments	Traffic Lights
implement strategic plans for our water infrastructure.	Managment Plan.			DCCEEW continues to review the draft report. It is expected that the 72-hour sewer inflow monitoring plan will be completed in early 2024.	

Our sewerage and urban drainage infrastructure and services are fit for our community and our future


Improve our strategic approach to the management of our sewerage infrastructure and services.

Complete, adequately resource and successfully implement strategic plans for our sewerage infrastructure.

Action: I1.3.1.1 Complete a feasibility analysis of options for the Coonamble Sewerage Treatment Plant, and design phase commenced.

DP Action	Operational Plan Action	Responsible Officer	Progress	Comments	Traffic Lights
Complete, adequately resource and successfully implement strategic plans for our sewerage infrastructure.	I1.3.1.1 Complete a feasibility analysis of options for the Coonamble Sewerage Treatment Plant, and design phase commenced.	Sergei Iagunkov	20%	Public Works Advisory has issued a draft report for options study. DCCEEW and other stakeholders are reviewing the report.	


Action: I1.3.1.2 Introduce Trade Waste Policy amnesty period and receive trade waste applications from commercial operators.

DP Action	Operational Plan Action	Responsible Officer	Progress	Comments	Traffic Lights
Complete, adequately resource and successfully implement strategic plans for our sewerage infrastructure.	I1.3.1.2 Introduce Trade Waste Policy amnesty period and receive trade waste applications from commercial operators.	Sergei Iagunkov	10%	Preliminary discussions and scoping project. The Trade Waste Policy is scheduled for presentation to Council by 30 June 2024.	


Strengthen our strategic approach to the management of our urban drainage infrastructure and services.

Complete, adequately resource and successfully implement strategic plans for our urban drainage infrastructure.

Action: I1.4.1.1 Implement the kerb and gutter Asset Management Plan (AMP).

DP Action	Operational Plan Action	Responsible Officer	Progress	Comments	Traffic Lights
Complete, adequately resource and successfully implement strategic plans for our urban drainage infrastructure.	I1.4.1.1 Implement the kerb and gutter Asset Management Plan (AMP).	Kylie Kerr	60%	Project scope is being completed.	

Action: I1.4.1.2 Implement the stormwater infrastructure Asset Management Plan (AMP).


DP Action	Operational Plan Action	Responsible Officer	Progress	Comments	Traffic Lights
Complete, adequately resource and successfully implement strategic plans for our urban drainage infrastructure.	I1.4.1.2 Implement the stormwater infrastructure Asset Management Plan (AMP).	Kylie Kerr	55%	Project scope is being completed.	

Our essential assets and infrastructure enables our community and economy to prosper

Adopt successful strategies which maximises our community's access to quality infrastructure and assets.


Successfully represent the interests of our community with regards to rail freight.

Action: Respond and engage where appropriate with the Inland Rail project and other rail infrastructure services and projects to advocate for best outcomes for our community.


DP Action	Operational Plan Action	Responsible Officer	Progress	Comments	Traffic Lights
Successfully represent the interests of our community with regards to rail freight.	Respond and engage where appropriate with the Inland Rail project and other rail infrastructure services and projects to advocate for best outcomes for our community.	Paul Gallagher	100%	Communications with Inland Rail is based on scheduled quarterly meetings.	

Create and adopt strategies and operations which improve the quality and efficiency of the Coonamble Livestock Regional Market

Action: I1.5.2.1 Develop the Asset Management Plan for the Coonamble Regional Livestock Market.


DP Action	Operational Plan Action	Responsible Officer	Progress	Comments	Traffic Lights
Create and adopt strategies and operations which improve the quality and efficiency of the Coonamble Livestock Regional Market	I1.5.2.1 Develop the Asset Management Plan for the Coonamble Regional Livestock Market.	Phillip Perram	5%	An audit of assets will be conducted in 2023/24 with a bid for the development of an Asset Management Plan prepared for the 2024/25 budget. This bid will include the development of a business plan to transition the saleyards to a self-funding operation,	

Action: I1.5.2.2 All parties operating in accordance with the Saleyard Advisory Committee Charter.

DP Action	Operational Plan Action	Responsible Officer	Progress	Comments	Traffic Lights
Create and adopt strategies and operations which improve the quality and efficiency of the Coonamble Livestock Regional Market	I1.5.2.2 All parties operating in accordance with the Saleyard Advisory Committee Charter.	Phillip Perram	70%	Sales have recommenced in February 2024. Council continues to operate in accordance with the Charter	


Develop and implement strategies and operations which deliver quality and well managed Council assets and infrastructure to the community.

Action: I1.5.3.1 Develop and implement strategies and operations which deliver quality and well managed Council assets and infrastructure to the community

DP Action	Operational Plan Action	Responsible Officer	Progress	Comments	Traffic Lights
Develop and implement strategies and operations which deliver quality and well managed Council assets and infrastructure to the community.	I1.5.3.1 Develop and implement strategies and operations which deliver quality and well managed Council assets and infrastructure to the community	Kerrie Murphy	80%	Strategies are being developed to improve Council's delivery of quality well managed Council assets.	


Develop and implement strategies, management processes and operations which optimise Quarry operations.

Action: I1.5.4.1 Implement the Quarry Management Action Plan.

DP Action	Operational Plan Action	Responsible Officer	Progress	Comments	Traffic Lights
Develop and implement strategies, management processes and operations which optimise Quarry operations.	I1.5.4.1 Implement the Quarry Management Action Plan.	Kerrie Murphy	75%	Quarry Management Plan final review is being completed prior to implementation,	


Deliver plant and fleet management efficiencies.

Action: I1.5.5.1 Improve efficiencies within plant and fleet management through continuous review.

DP Action	Operational Plan Action	Responsible Officer	Progress	Comments	Traffic Lights
Deliver plant and fleet management efficiencies.	I1.5.5.1 Improve efficiencies within plant and fleet management through continuous review.	Bruce Quarmby	30%	In completing the 2022/2023 Financial Statements, Councils plant fund operating result was reviewed. Moving forward as part of the 2024-2025 Operational Plan and Budget Process management will undertake a further review of Council's current plant usage patterns as well as considering the potential future demands that may be required of Council's plant and fleet. It is proposed to review individual plant revenue and expenditure on a quarterly basis 2024-25.	

Deliver a Long-term Financial Plan (LTFP) which achieves balance between the Council's financial capabilities and the community's aspirations and is a quality decision making and problem-solving tool.

Action: I1.5.6.1 The projections within the LTFP reflect the financial projections contained in the Asset Management Plans.

DP Action	Operational Plan Action	Responsible Officer	Progress	Comments	Traffic Lights
Deliver a Long-term Financial Plan (LTFP) which achieves balance between the Council's financial capabilities and the community's aspirations and is a quality decision making and problem-solving tool.	I1.5.6.1 The projections within the LTFP reflect the financial projections contained in the Asset Management Plans.	Bruce Quarmby	30%	A preliminary review of the LTFP has commenced to ensure alignment with the Asset Management Plans. As part of the preparation of the 2024-2025 Operational Plan and Budget a more detailed review will be undertaken.	


Our Environment

Our community has confidence in our strategic land use planning framework


Amend and create planning frameworks that strengthen the balance of competing land use interests and minimises risks to our community including the availability of suitable residential land and adequate affordable housing.

Achieve flood risk management strategies and projects.


Action: E1.1.1.1 Complete Stage 5 of the Coonamble Flood Levee

DP Action	Operational Plan Action	Responsible Officer	Progress	Comments	Traffic Lights
Achieve flood risk management strategies and projects.	E1.1.1.1 Complete Stage 5 of the Coonamble Flood Levee	Kerrie Murphy	75%	Working with legal representation to get Deed of Agreements and Easements signed and registered.	

Action: E1.1.1.2 Draft Development Control Plans to include flood planning area development controls.


DP Action	Operational Plan Action	Responsible Officer	Progress	Comments	Traffic Lights
Achieve flood risk management strategies and projects.	E1.1.1.2 Draft Development Control Plans to include flood planning area development controls.	Lesley Duncan	0%	Implementation of the Flood Risk Management Plan will require funding in the 2024-25 budget.	

Action: E1.1.1.3 Implement Council's Floodplain Risk Management Study.

DP Action	Operational Plan Action	Responsible Officer	Progress	Comments	Traffic Lights
Achieve flood risk management strategies and projects.	E1.1.1.3 Implement Council's Floodplain Risk Management Study.	Lesley Duncan	0%	Implementation of the Flood Risk Management Plan will require funding in the 2024-25 budget.	


Develop a housing strategy to address affordability and availability of residential land and housing

Action: E1.1.2.1 Prepare housing strategy.


DP Action	Operational Plan Action	Responsible Officer	Progress	Comments	Traffic Lights
Develop a housing strategy to address affordability and availability of residential land and housing	E1.1.2.1 Prepare housing strategy.	Lesley Duncan	25%	Housing Strategy scope completed. RFQ scheduled to be called in February 2024.	

Implement Planning and Development Approvals Process which enhances operational efficiencies.

Action: E1.1.3.1 Condition of Consent Framework uploaded to the NSW Planning Portal.

DP Action	Operational Plan Action	Responsible Officer	Progress	Comments	Traffic Lights
Implement Planning and Development Approvals Process which enhances operational efficiencies.	E1.1.3.1 Condition of Consent Framework uploaded to the NSW Planning Portal.	Lesley Duncan	10%	Conditions of Consent Framework still being finalised and will be completed in 23/24.	

Action: E1.1.3.2 Update and establish all Development Control Plans


DP Action	Operational Plan Action	Responsible Officer	Progress	Comments	Traffic Lights
Implement Planning and Development Approvals Process which enhances operational efficiencies.	E1.1.3.2 Update and establish all Development Control Plans	Lesley Duncan	0%	A review of all Development Control Plans will be complete by 30 June 2024. A report will be prepared for Council following a review recommending the way forward.	

We are more sustainable, and we contribute to the bigger environmental picture

Support environmental initiatives which grow our contribution to broader environmental outcomes for future generations.


Support stakeholders such as the Macquarie County Council, Local Land Services and Landcare whose plans and operations deliver greater environmental outcomes in our community

Action: E1.2.1.1 Continue our involvement and support with our environmental service partners.

DP Action	Operational Plan Action	Responsible Officer	Progress	Comments	Traffic Lights
Support stakeholders such as the Macquarie County Council, Local Land Services and Landcare whose plans and operations deliver greater environmental outcomes in our community	E1.2.1.1 Continue our involvement and support with our environmental service partners.	Phillip Perram	50%	AS at 31 December 2023, Council continues to engage Macquarie County Council, LLS and Landcare.	

As community expectations evolve, simultaneously evolve our involvement with initiatives which deliver greater environmental outcomes in our community.

Action: E1.2.2.1 Engage with community on environmental expectations and adapt to evolving requirements for Local Government's role in delivering environmental outcomes.


DP Action	Operational Plan Action	Responsible Officer	Progress	Comments	Traffic Lights
As community expectations evolve, simultaneously evolve our involvement with initiatives which deliver greater environmental outcomes in our community.	E1.2.2.1 Engage with community on environmental expectations and adapt to evolving requirements for Local Government's role in delivering environmental outcomes.	Phillip Perram	0%	Environmental initiatives will be considered for funding in the 2024-25 budget. The Directorate is expected to have full staffing in 2024-25.	

We are winning our war on our waste

Improve our strategies, plans and programs so that we successfully balance the sustainable waste expectations of our community within the resources available to us.

Create and adopt new and evolved waste management strategies and operations which reduce the gap between our community's sustainable waste expectations and satisfaction levels.

Action: E1.3.1.1 Review the Waste Management Strategy

DP Action	Operational Plan Action	Responsible Officer	Progress	Comments	Traffic Lights
Create and adopt new and evolved waste management strategies and operations which reduce the gap between our community's sustainable waste expectations and satisfaction levels.	E1.3.1.1 Review the Waste Management Strategy	Phillip Perram	40%	Review being completed including the option for Council to manage waste in house.	


Our Leadership

Our community leaders enrich and empower us

Support and contribute to initiatives which build our capacity within to grow and nurture leadership in our community.

Support and contribute to initiatives which fosters and recognises leadership within our community

Action: L1.1.1.1 Continue Council's involvement with recognising community leadership


DP Action	Operational Plan Action	Responsible Officer	Progress	Comments	Traffic Lights
Support and contribute to initiatives which fosters and recognises leadership within our community	L1.1.1.1 Continue Council's involvement with recognising community leadership	Paul Gallagher	20%	Council has called for nominations for the Australia Day awards which recognise community leadership. The Youth Empowerment Program will commence in early 2024 to assist Coonamble's youth in obtaining their leadership potential.	

Our community believes in the integrity of Council's decision

Strengthen our engagement and consultation with our local community and stakeholders, including increasing community participation in decision making.

Employ quality engagement and communication tools and strategies, including Council's Community Engagement Strategy, which achieves increased community participation in decision making.

Action: L1.2.1.1 Evolve community engagement tools and methods to achieve increased community participation.

DP Action	Operational Plan Action	Responsible Officer	Progress	Comments	Traffic Lights
Employ quality engagement and communication tools and strategies, including Council's	L1.2.1.1 Evolve community engagement tools and methods to achieve	Paul Gallagher	50%	Council continues the weekly Community Connect release as well as key issues through social media platforms. A survey will be conducted in the 4th quarter to assess the communities understanding of	


DP Action	Operational Plan Action	Responsible Officer	Progress	Comments	Traffic Lights
Community Engagement Strategy, which achieves increased community's participation in decision making.	increased community participation.			the delivery of the current Community Strategic Plan.	

Deliver successful strategies and operations which increase the community's confidence in the integrity and capability of Coonamble Shire Council.

Complete and adopt the Audit, Risk and Improvement Committee's (ARIC) Strategic Four-Year Plan.


As of 31 December 2022 - ARIC Terms of Reference and Charter adopted by Council. ARIC Chairperson appointed who unfortunately was unable to fulfil the role. Second EOI conducted with ARIC appointed in December 2022.

Action: L1.3.1.1 The Audit, Risk and Improvement Committee commence review and analysis of the organisation.

DP Action	Operational Plan Action	Responsible Officer	Progress	Comments	Traffic Lights
Complete and adopt the Audit, Risk and Improvement Committee's (ARIC) Strategic Four-Year Plan.	L1.3.1.1 The Audit, Risk and Improvement Committee commence review and analysis of the organisation.	Bruce Quarmby	20%	Council has appointed an ARIC Chair and held the first joint Coonamble/Gilgandra meeting. The two independent members and Councillor members are expected to be appointed in early 2024.	


Adopt the eight elements of good governance practices at the essence of operations and decision making.

Action: L1.3.2.1 Adopt the eight elements of good governance and receive adequate training to deliver. Rule of law; transparency; responsiveness; consensus orientated; equity and inclusiveness; effectiveness and efficiency; accountability; participation.

DP Action	Operational Plan Action	Responsible Officer	Progress	Comments	Traffic Lights
Adopt the eight elements of good governance practices at the essence of operations and decision making.	L1.3.2.1 Adopt the eight elements of good governance and receive adequate training to deliver. Rule of law; transparency; responsiveness; consensus orientated; equity and inclusiveness; effectiveness and efficiency; accountability; participation.	Paul Gallagher	50%	Social Media and Audit, Risk and Improvement Committee training has been completed. Code of Conduct training is scheduled for staff prior to 30 June 2024 with Councillors training scheduled for after the 2024 Local Government election.	


Deliver communication and marketing strategies which achieve brand building and maximises engagement with our community.

Action: L1.3.3.1 Develop more inclusive communication outreach to increase engagement and communication with target groups.

DP Action	Operational Plan Action	Responsible Officer	Progress	Comments	Traffic Lights
Deliver communication and marketing strategies which achieve brand building and maximises engagement with our community.	L1.3.3.1 Develop more inclusive communication outreach to increase engagement and communication with target groups.	David Levick	75%	Facebook and the Weekly Connect half-page, paid editorial section in The Coonamble Times continue as the main means of communicating with residents and ratepayers. Face-to-face participation in meetings of the Chamber of Commerce, Coonamble Interagency and Domestic Violence Collective has been sporadic due to staffing issues. Online surveys are utilised as required.	


Achieve organisational decision making which is strategic and not ad hoc.

Action: L1.3.4.1 Continue to review, develop and adopt policies, strategies and plans which gives clear framework and leads to strategic decision making.


DP Action	Operational Plan Action	Responsible Officer	Progress	Comments	Traffic Lights
Achieve organisational decision making which is strategic and not ad hoc.	L1.3.4.1 Continue to review, develop and adopt policies, strategies and plans which gives clear framework and leads to strategic decision making.	Paul Gallagher	50%	Council has reviewed	

Achieve redundancy within our organisational structure and provide effective pathways for our people by successfully becoming a learning organisation.


Action: L1.3.5.1 Deliver innovative workplace solutions which increase our attraction and retention of talent.

DP Action	Operational Plan Action	Responsible Officer	Progress	Comments	Traffic Lights
Achieve redundancy within our organisational structure and provide effective pathways for our people by successfully becoming a learning organisation.	L1.3.5.1 Deliver innovative workplace solutions which increase our attraction and retention of talent.	Thelma Leonard	30%	Councils focus has been on the recruitment of staff with vacancies having reduced from 33 to 9 employees. The recruitment of these staff has included 'work from home' capability. The progression to digital records will enable increased efficiency and effectiveness.	

Action: L1.3.5.2 Resource the Annual Training Plan which facilitates the successful delivery of commitments made in the Delivery Plan and Operational Plan.


DP Action	Operational Plan Action	Responsible Officer	Progress	Comments	Traffic Lights
Achieve redundancy within our organisational structure and provide effective pathways for our people by successfully becoming a learning organisation.	L1.3.5.2 Resource the Annual Training Plan which facilitates the successful delivery of commitments made in the Delivery Plan and Operational Plan.	Thelma Leonard	20%	Council has engaged a part-time training officer in an endeavour to ensure that critical training is provided on an ongoing basis. It is anticipated that the Annual Training Plan will be completed to inform the 2024-25 budget.	

Action: L1.3.5.3 Implement WH&S systems and strategies which achieve operational efficiencies and improves our safety culture.

DP Action	Operational Plan Action	Responsible Officer	Progress	Comments	Traffic Lights
Achieve redundancy within our organisational structure and provide effective pathways for our people by successfully becoming a learning organisation.	L1.3.5.3 Implement WH&S systems and strategies which achieve operational efficiencies and improves our safety culture.	Thelma Leonard	0%	Council is progressing a review of its organisational structure. This review has identified the need for additional resources in the WH&S and risk management. Council anticipates the appointment of a Manager WH&S and Risk as well as a Risk Management specialist in early 2024.	

Complete a Service Delivery Review for the whole of organisation and deliver a full-Service Delivery Review Program for rollout in Jul 2024.


Action: L1.3.6.1 Capture existing Service Levels across all relevant operations and functions.

DP Action	Operational Plan Action	Responsible Officer	Progress	Comments	Traffic Lights
Complete a Service Delivery Review for the whole of organisation and deliver a full-Service Delivery Review Program for rollout in Jul 2024.	L1.3.6.1 Capture existing Service Levels across all relevant operations and functions.	Paul Gallagher	0%	The capture of existing service levels has been deferred pending appointment all Managers and Directors.	

Succeed in placing customers and the community at the heart of service delivery and succeed in achieving a culture of continuous improvement.

Develop and adopt strategies including Customer Service Excellence which positively influences the way we think and do business

Action: L1.4.1.1 Develop customer focused procedures including: Customer Service Policy; Complaints Handling; Customer Response System so that our people and systems achieve closed loop/double loop learning.

DP Action	Operational Plan Action	Responsible Officer	Progress	Comments	Traffic Lights
Develop and adopt strategies including Customer Service Excellence which positively influences the way we think and do business	L1.4.1.1 Develop customer focused procedures including: Customer Service Policy; Complaints Handling; Customer Response System so that our people and systems achieve closed loop/double loop learning.	Bruce Quarmby	35%	Management is continuing to work on the development of a draft Customer Service Policy. As part of the installation of the new EDRMS management will review the Complaints Handling procedures to ensure the full capture of all customer requests.	

Action: L1.4.1.2 Deliver a long-term solution to records management

DP Action	Operational Plan Action	Responsible Officer	Progress	Comments	Traffic Lights
Develop and adopt strategies including Customer Service Excellence which positively influences the way we think and do business	L1.4.1.2 Deliver a long-term solution to records management	Bruce Quarmby	50%	Council has completed the necessary procurement processes and selected a provider for the installation of an Electronic Document and Records Management system (EDRMS). The installation processes will commence in the second half of the 2023-2024 financial year.	